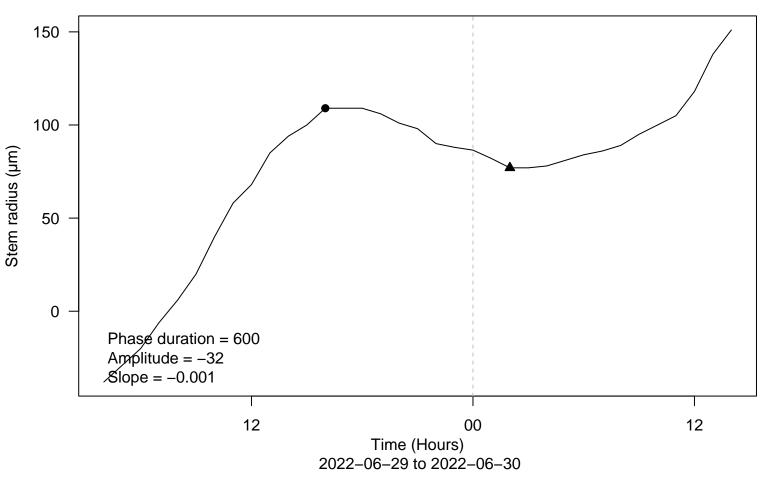
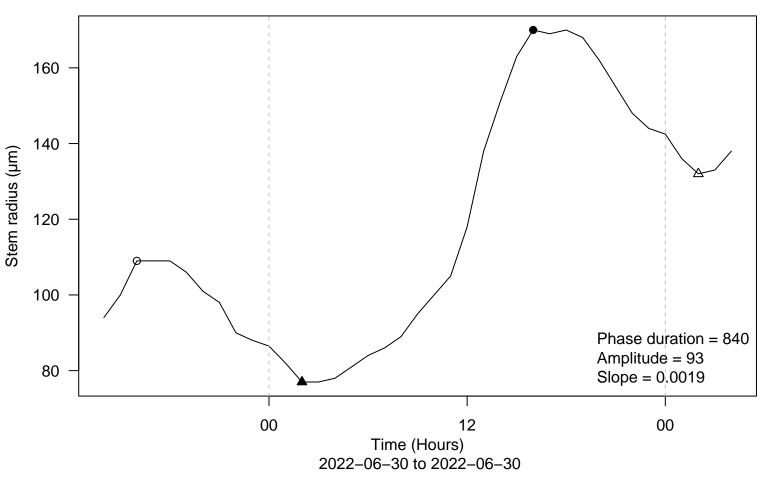
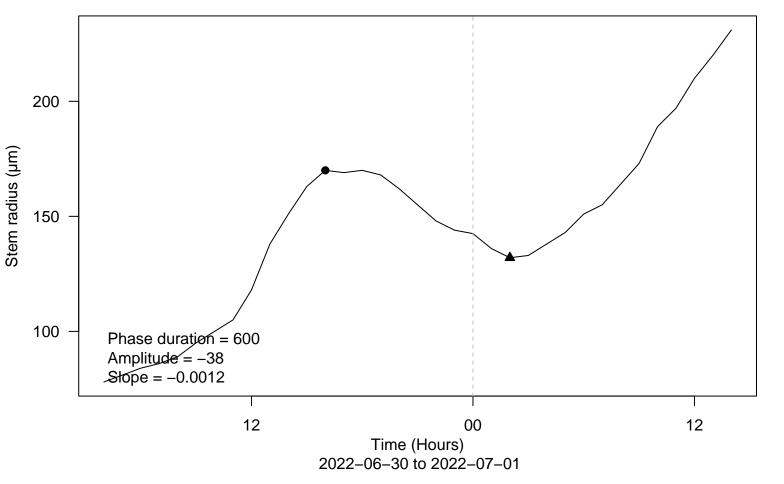
133 Shrinkage



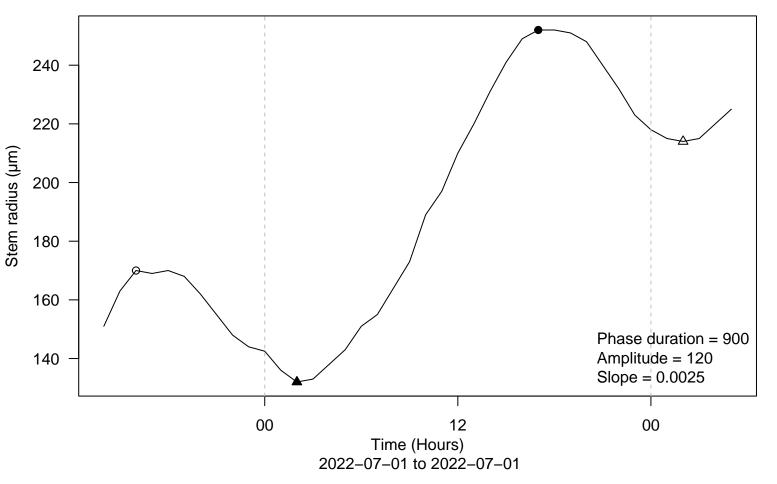
133 Expansion



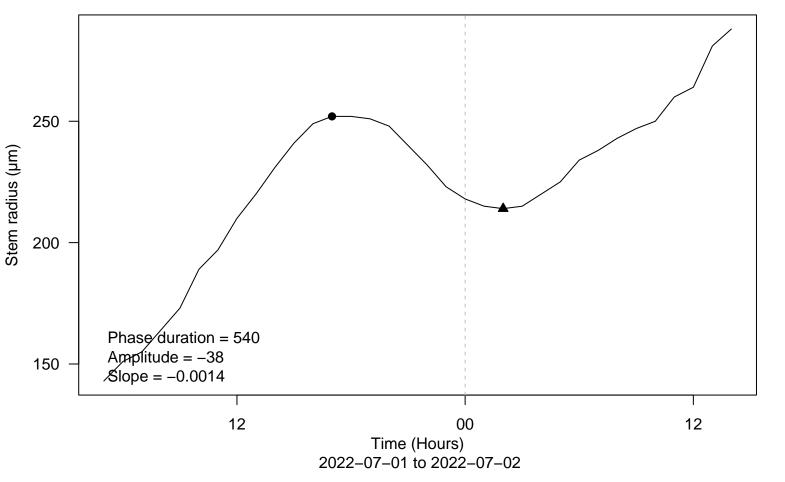
133 Shrinkage



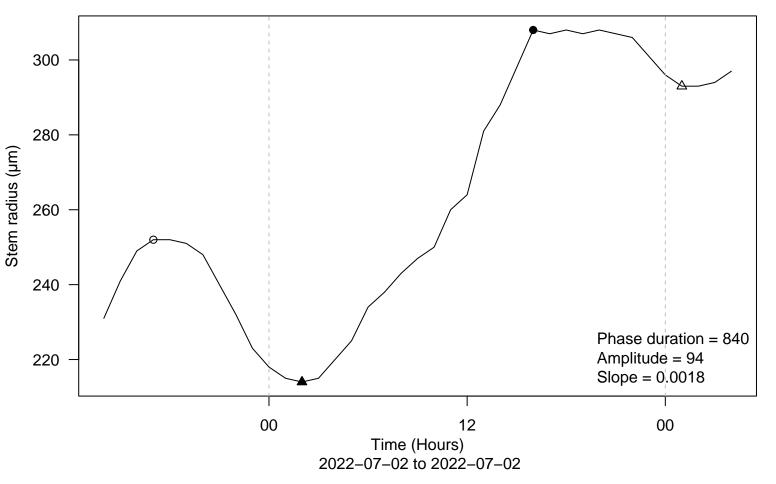
133 Expansion



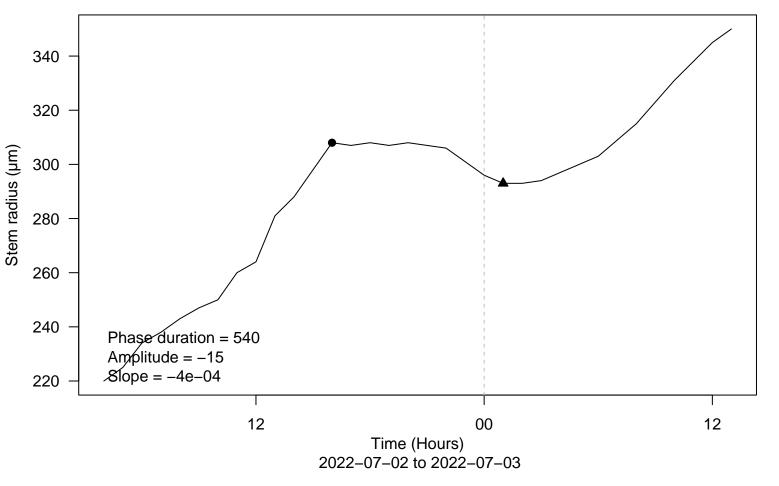
133 Shrinkage



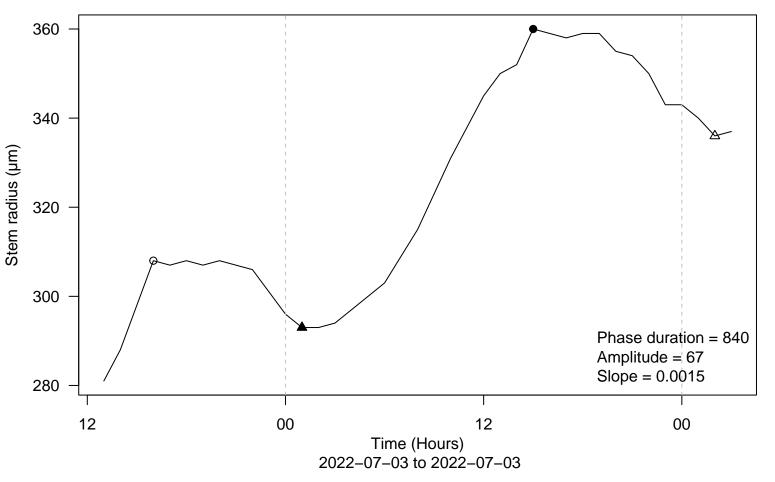
133 Expansion



133 Shrinkage



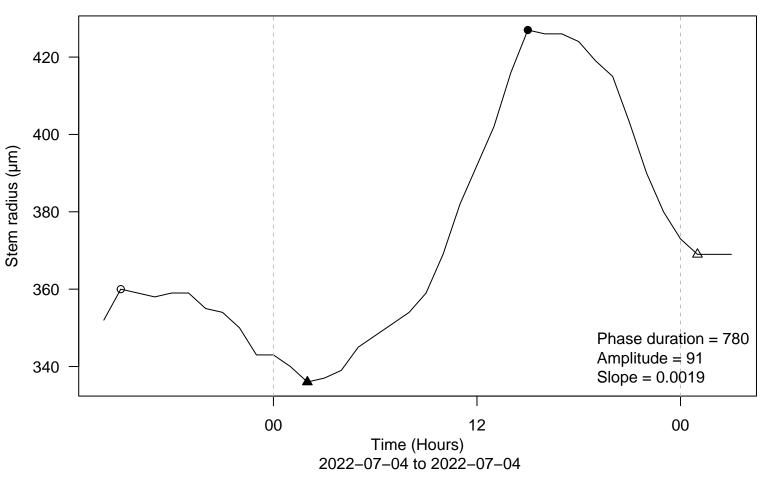
133 Expansion



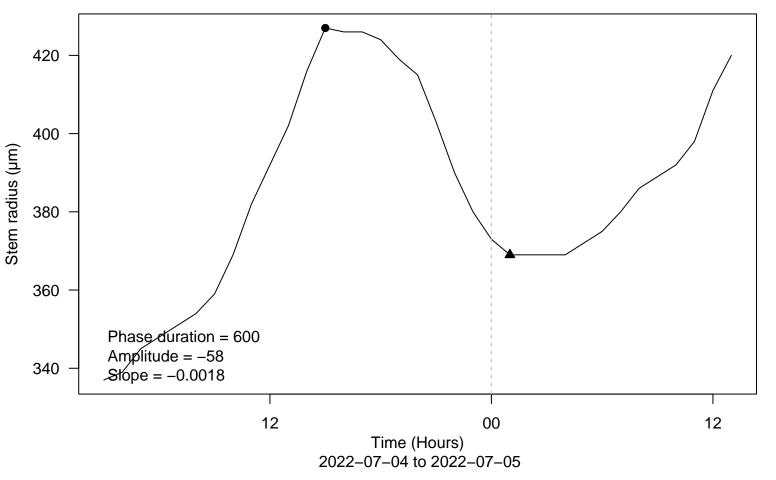
Shrinkage Stem radius (µm) Phase duration = 660 Amplitude = -24 Stope = -6e-04 Time (Hours)

2022-07-03 to 2022-07-04

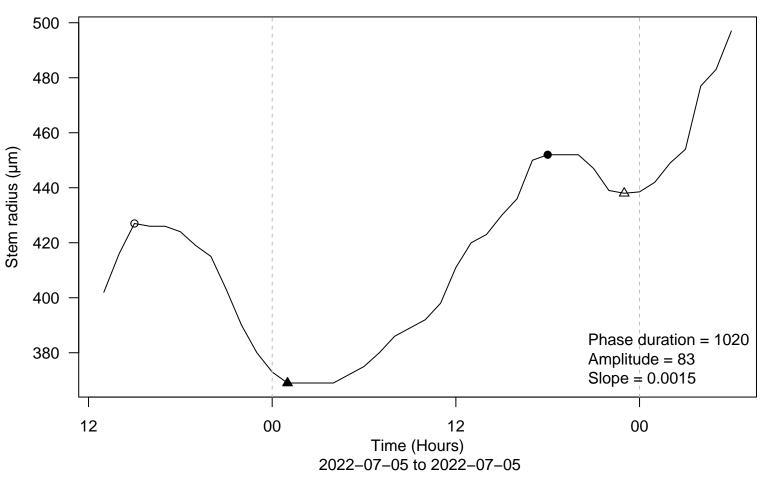
133 Expansion



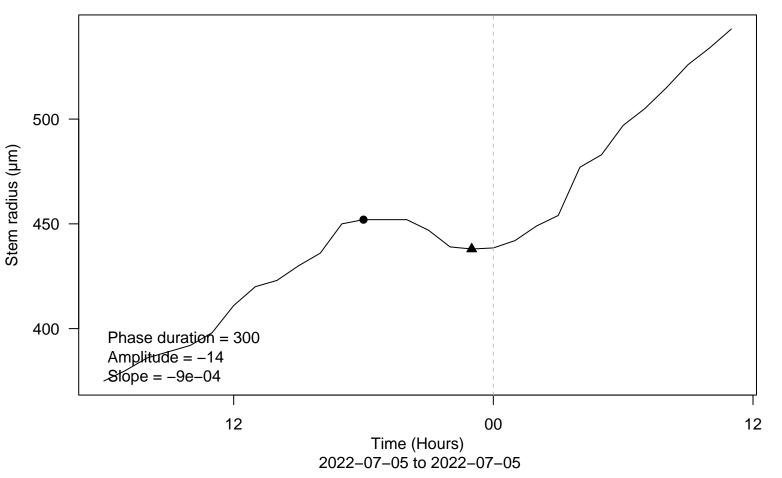
133 Shrinkage



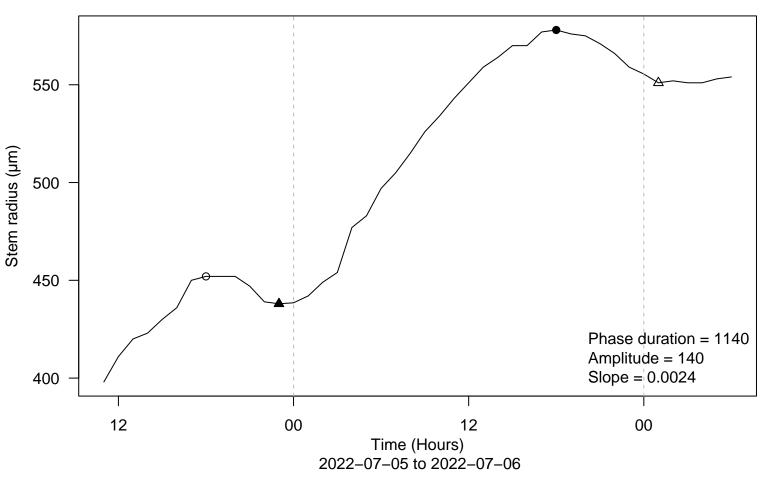
133 Expansion



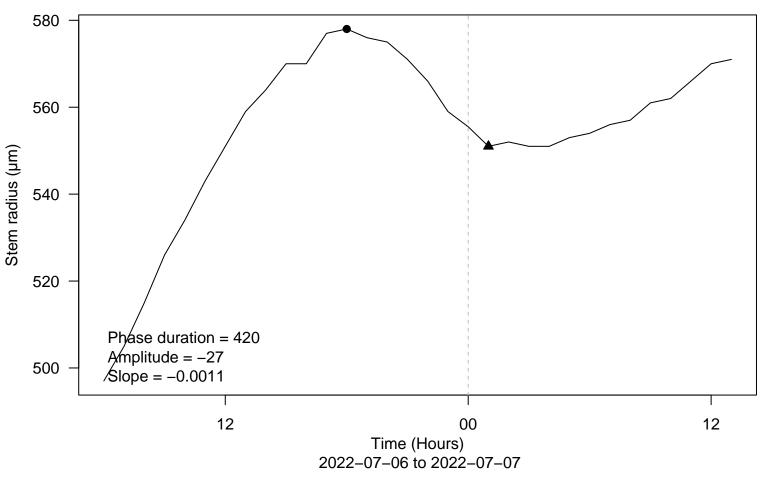
133 Shrinkage



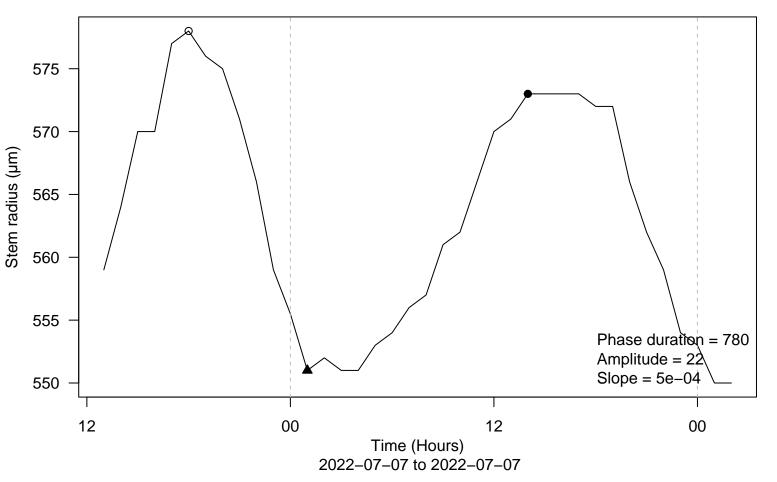
133 Expansion



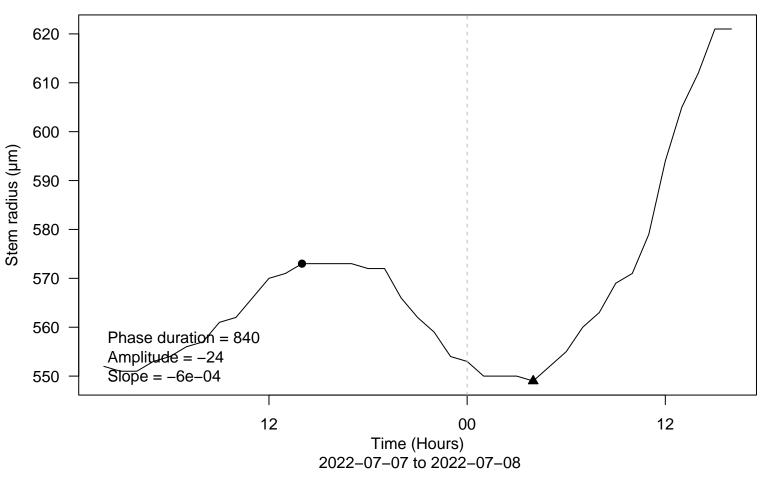
133 Shrinkage



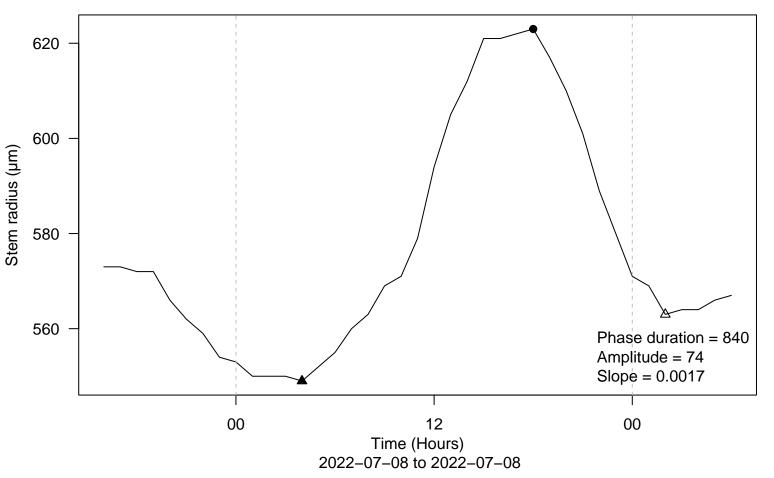
133 Expansion



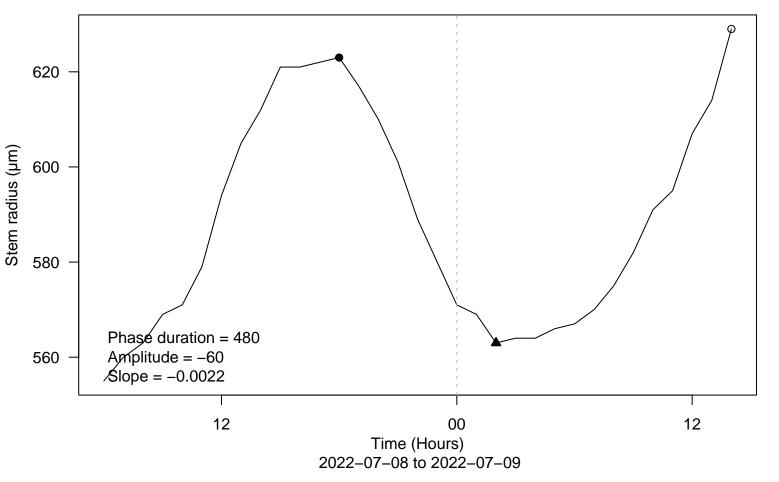
133 Shrinkage



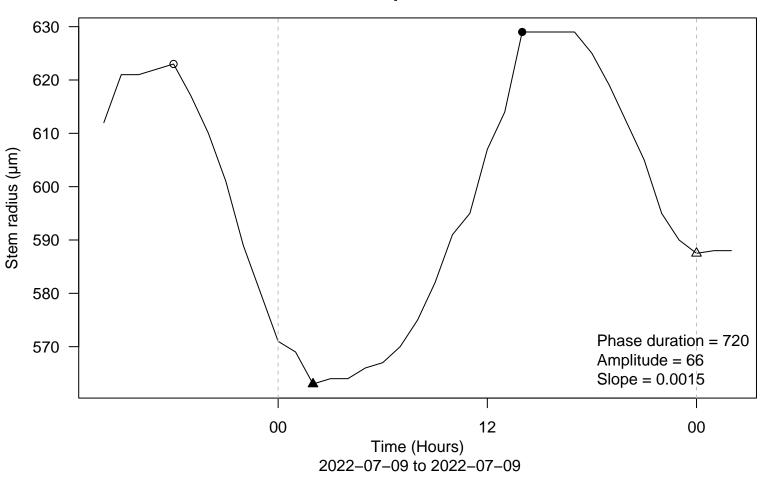
133 Expansion



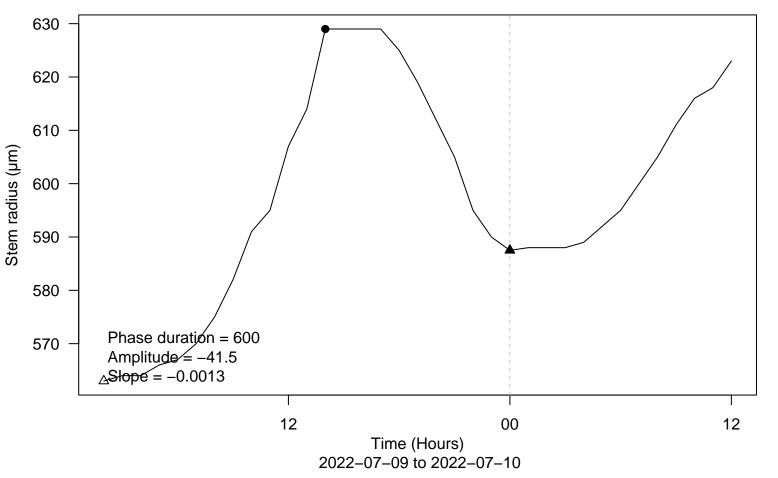
133 Shrinkage



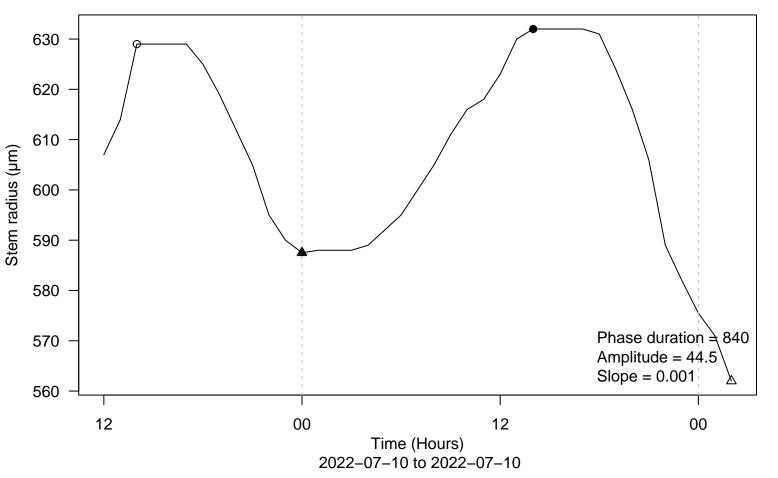
133 Expansion



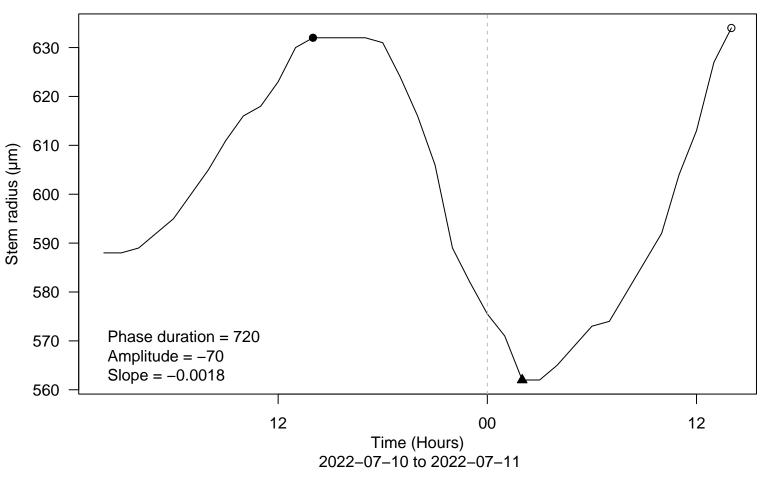
133 Shrinkage



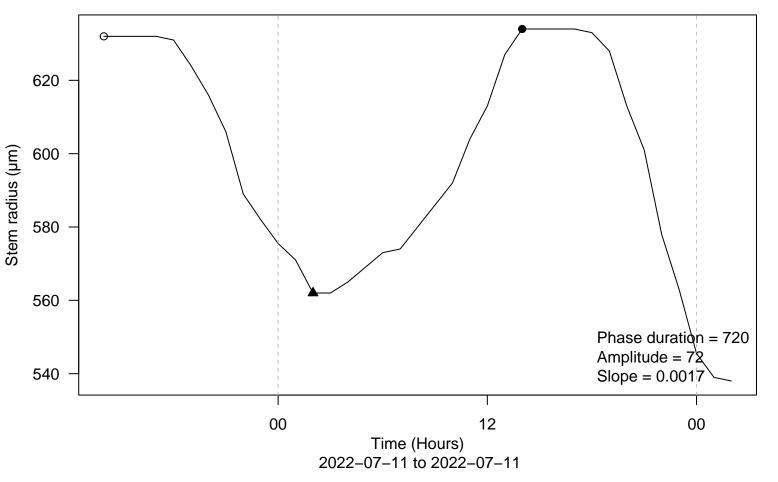
133 Expansion



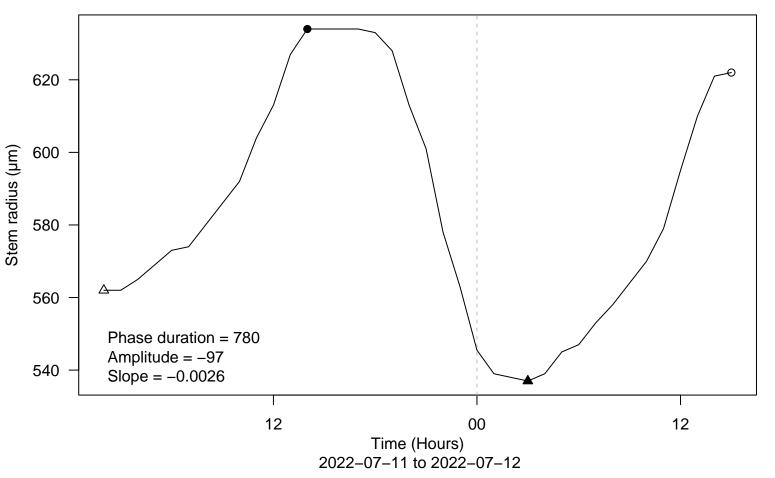
133 Shrinkage



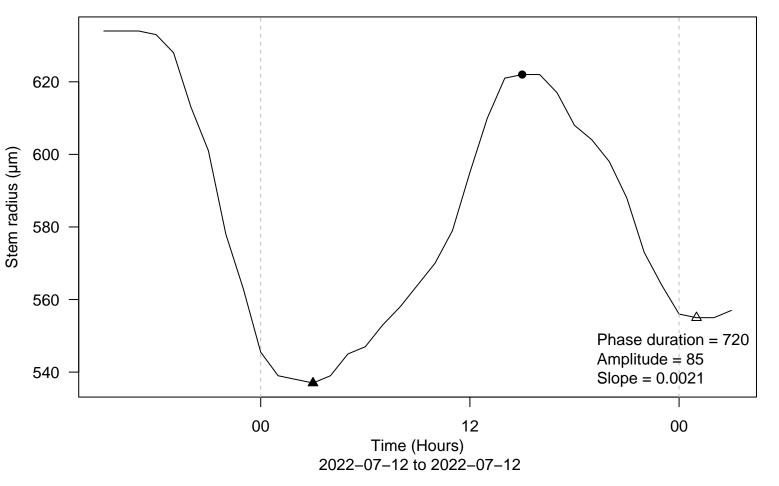
133 Expansion



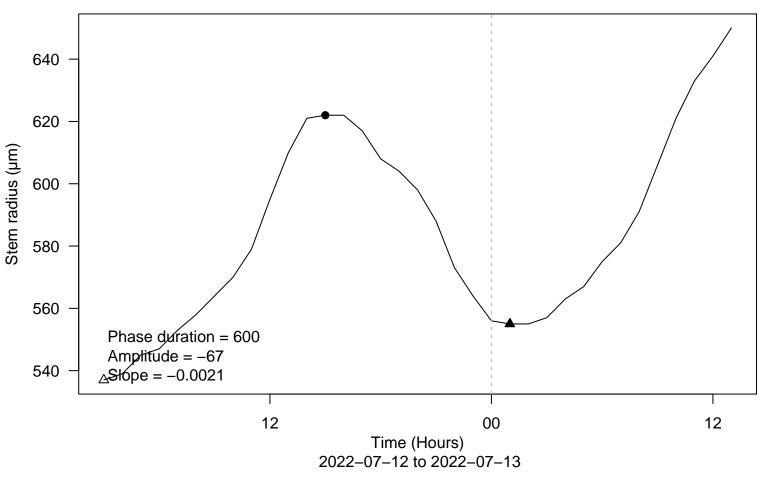
133 Shrinkage



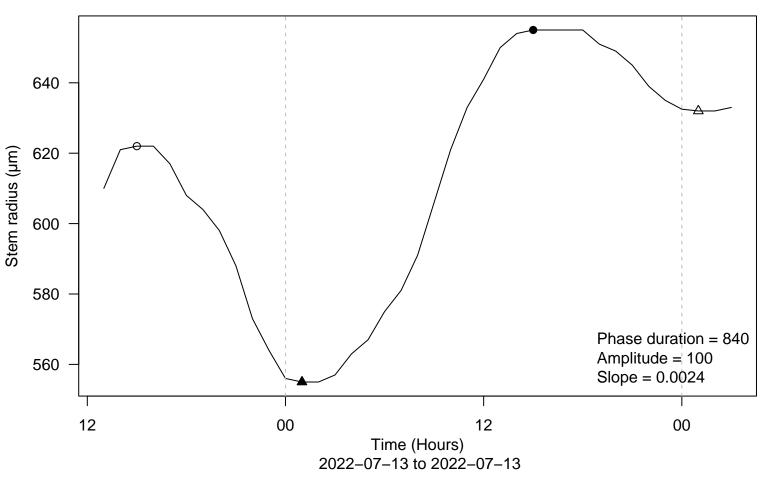
133 Expansion



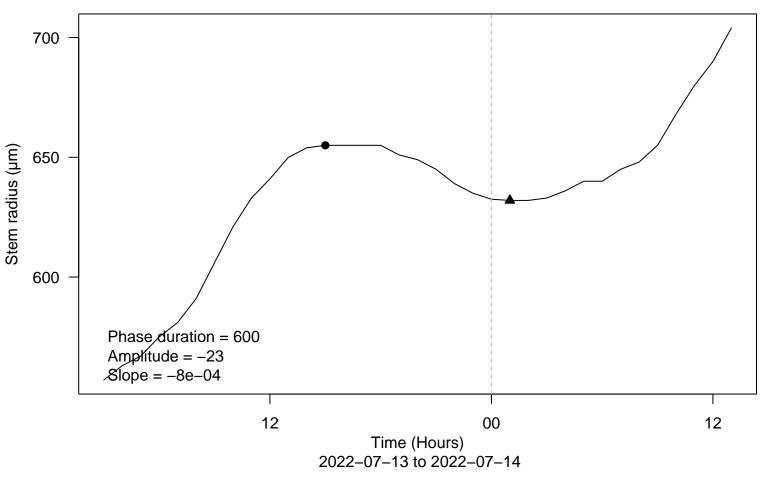
133 Shrinkage



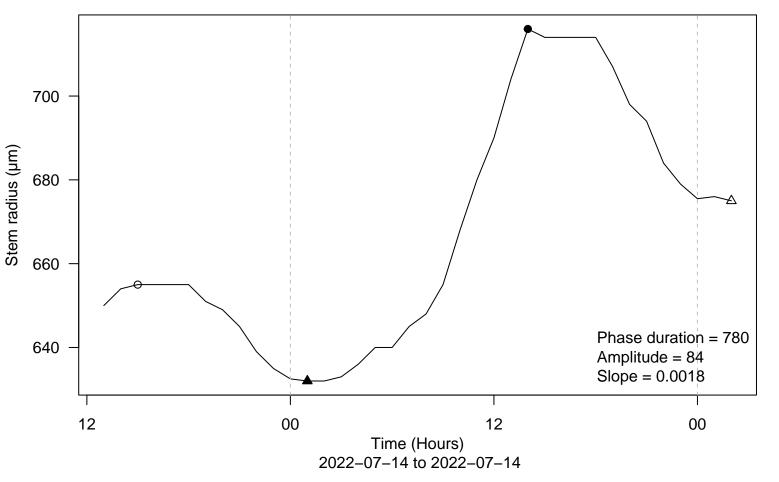
133 Expansion



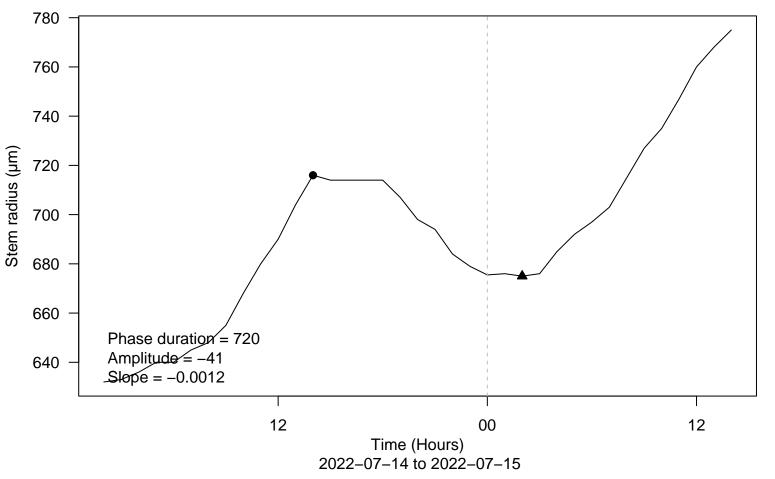
133 Shrinkage



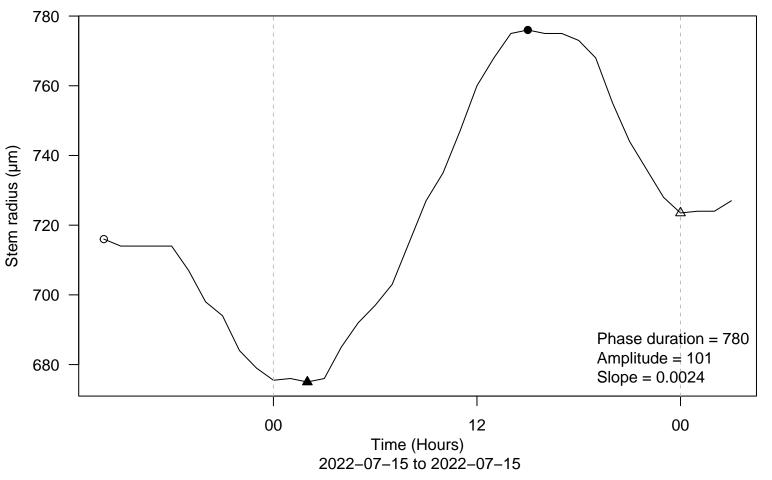
133 Expansion



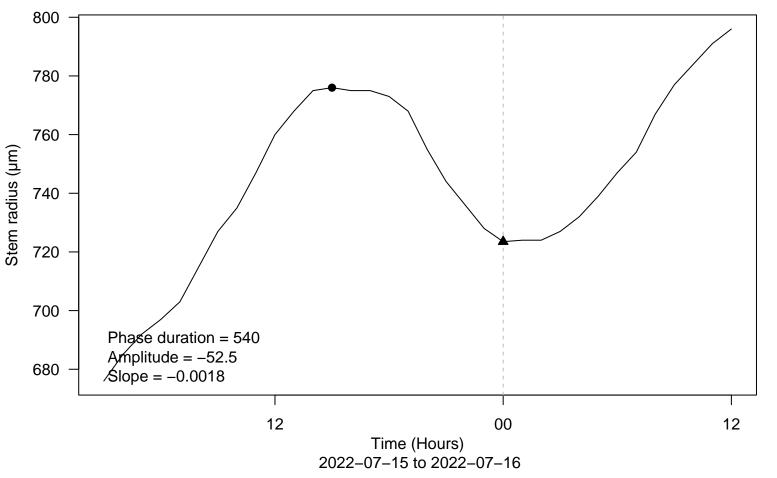
133 Shrinkage



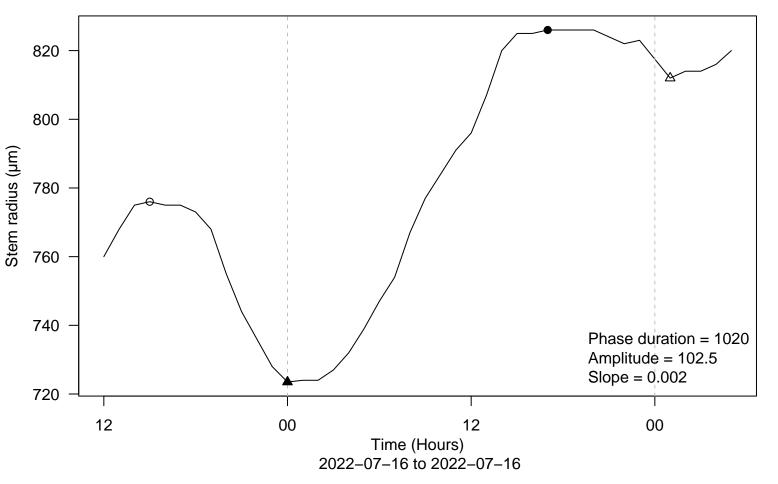
133 Expansion



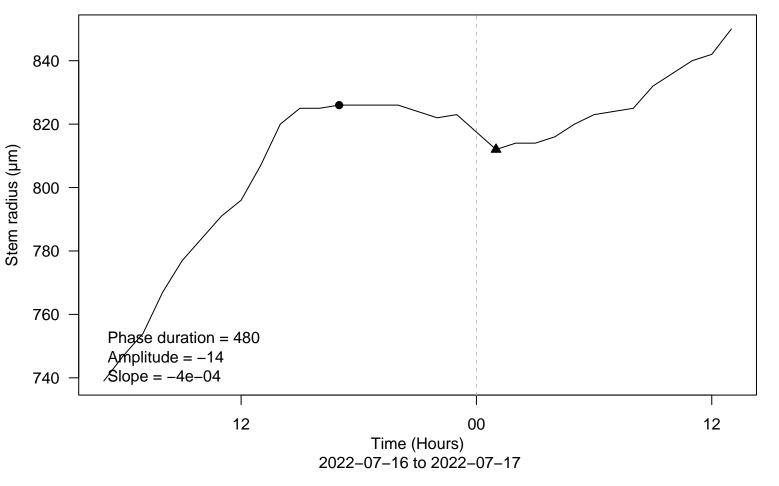
133 Shrinkage



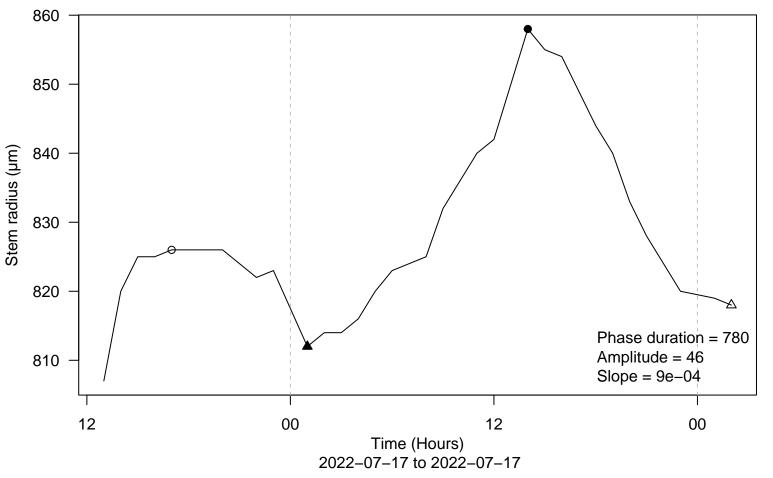
133 Expansion



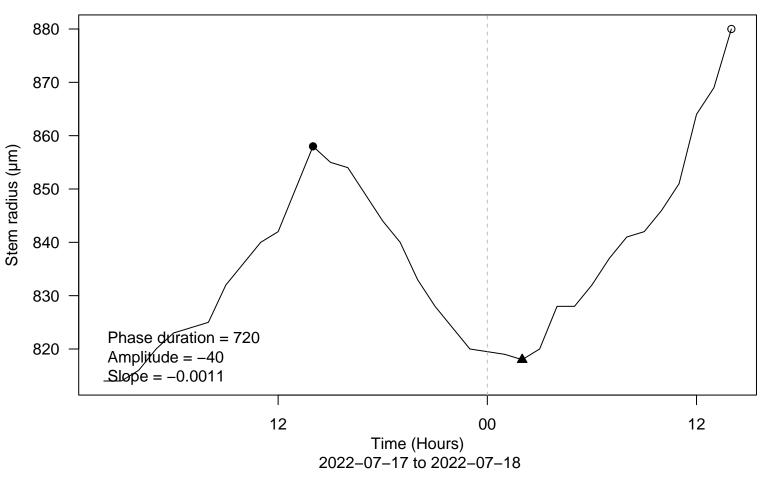
133 Shrinkage



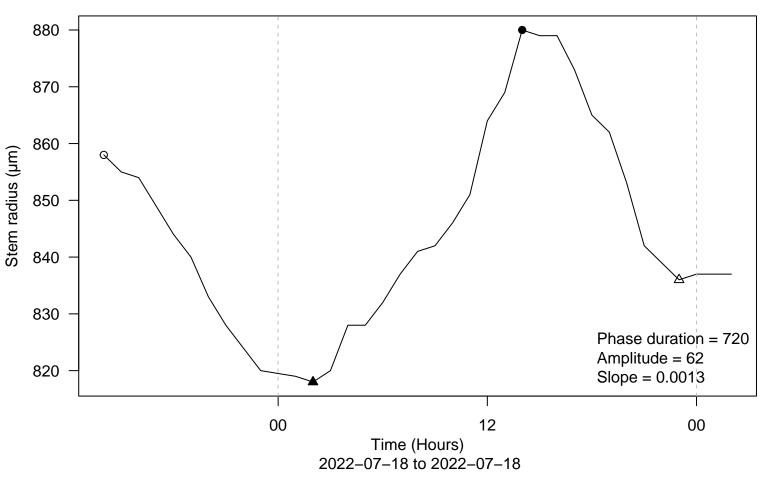
133 Expansion



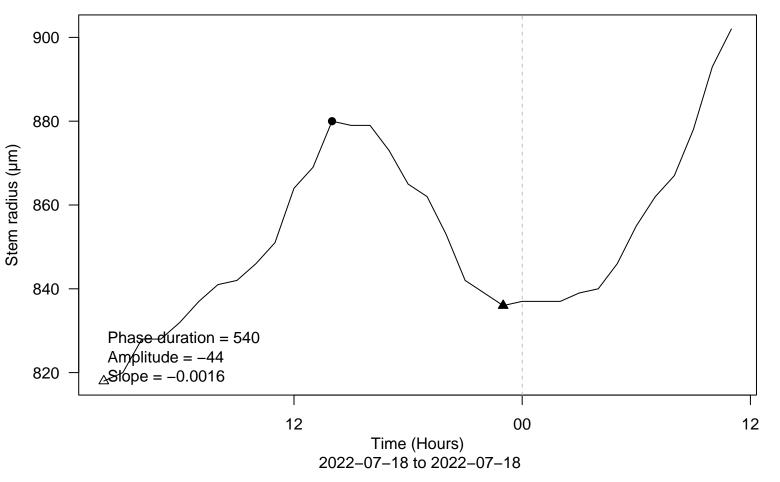
133 Shrinkage



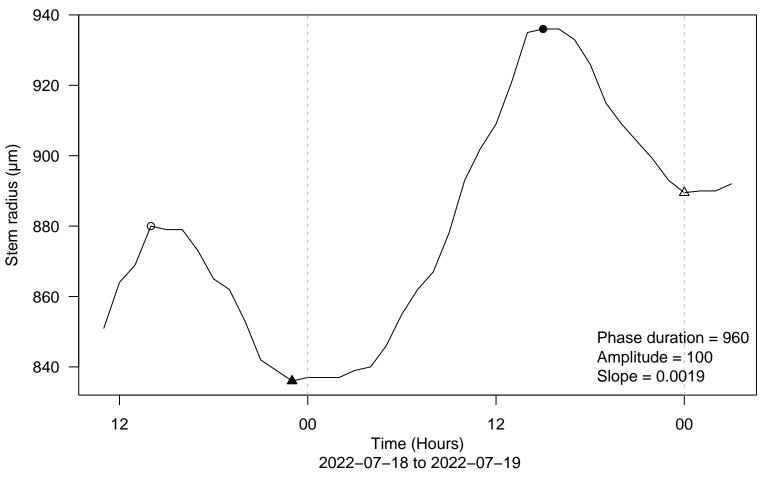
133 Expansion



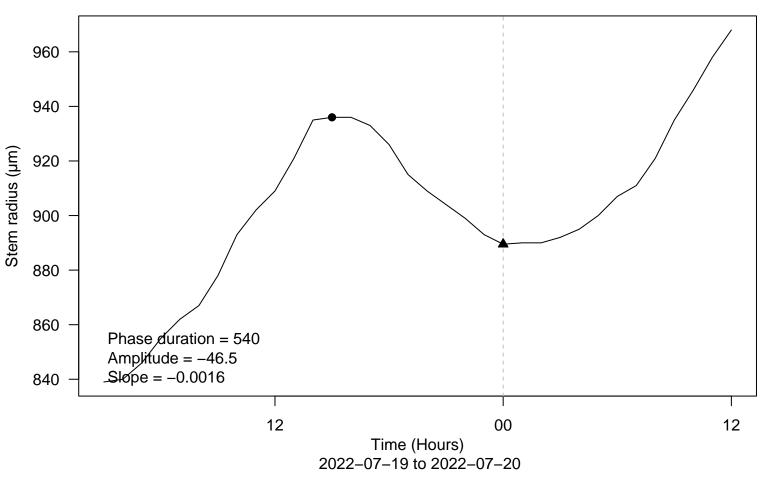
133 Shrinkage



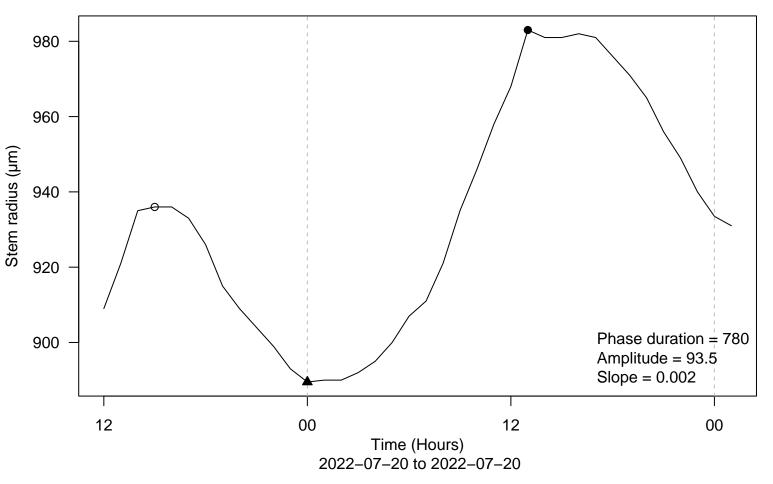
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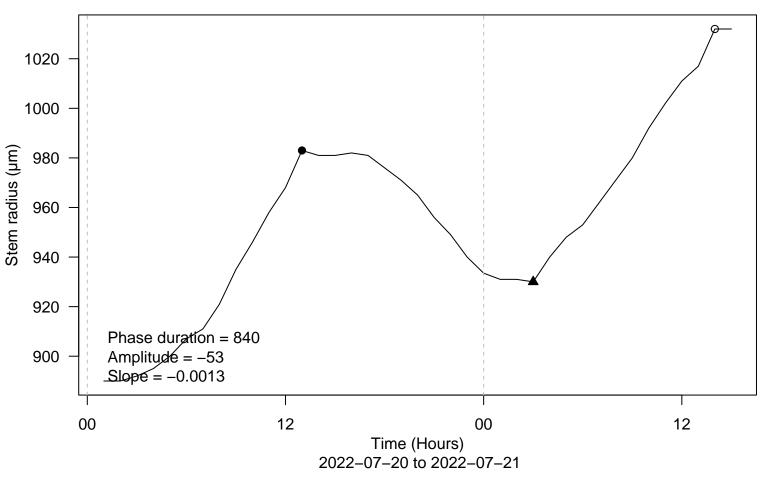
133 Shrinkage



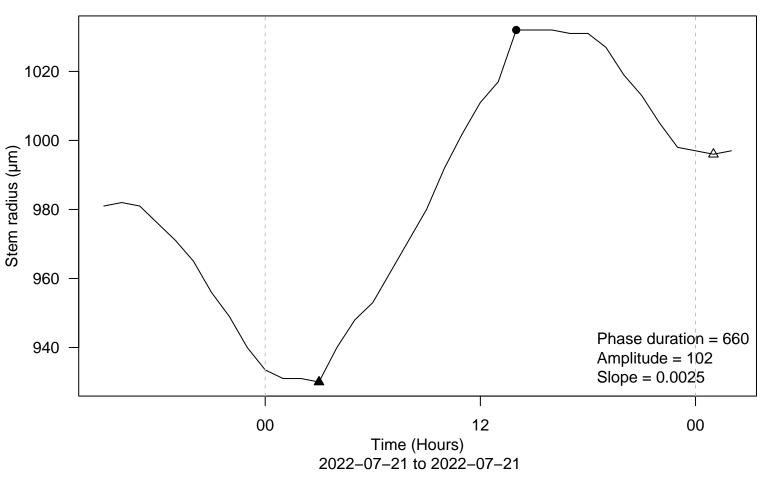
133 Expansion



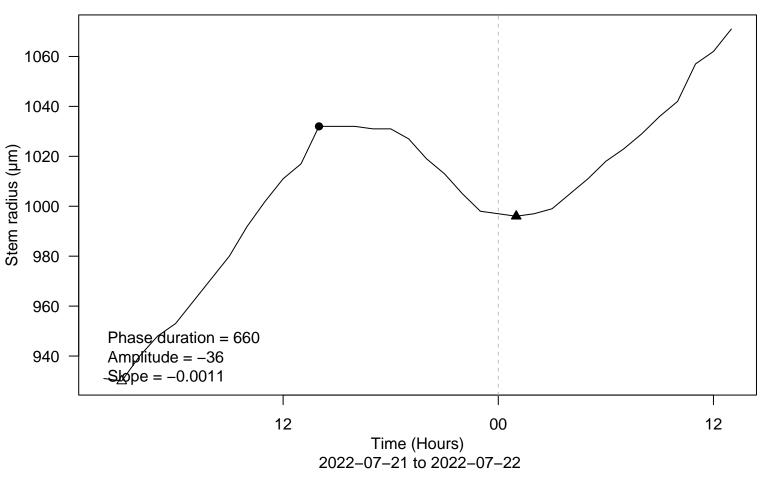
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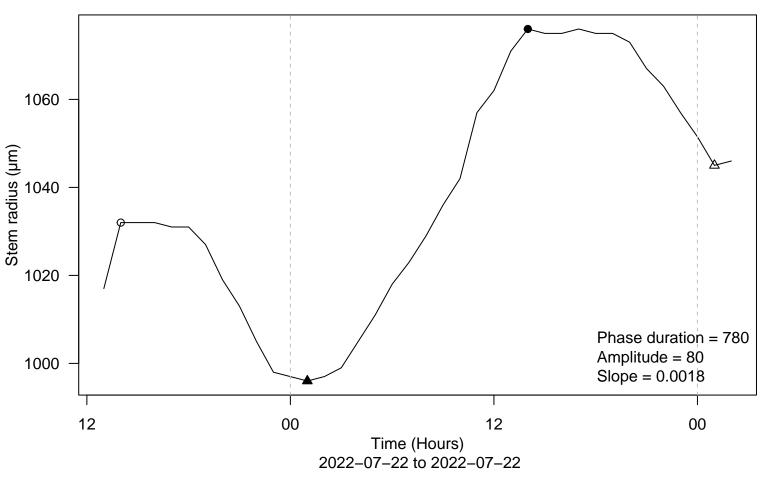
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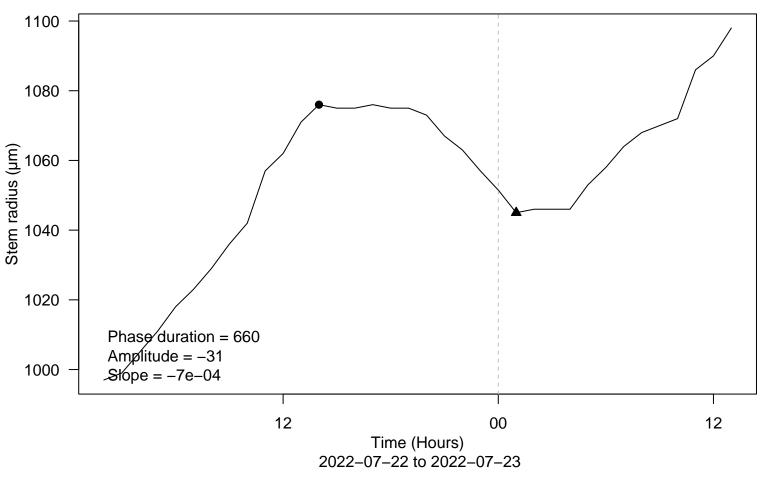
133 Shrinkage



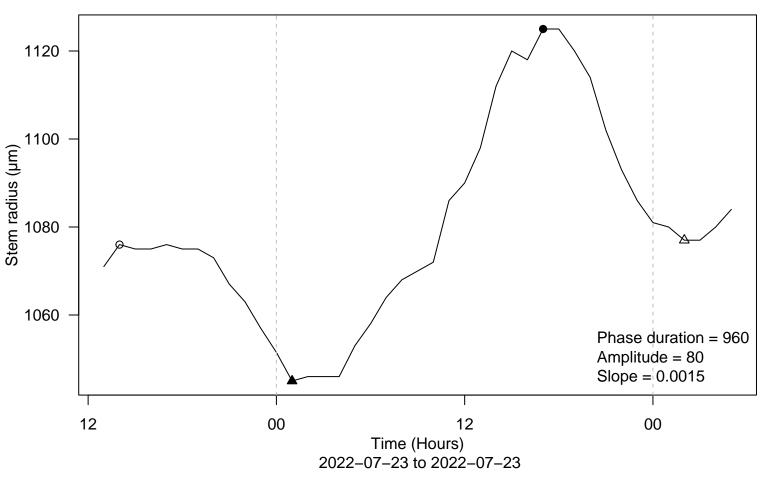
133 Expansion



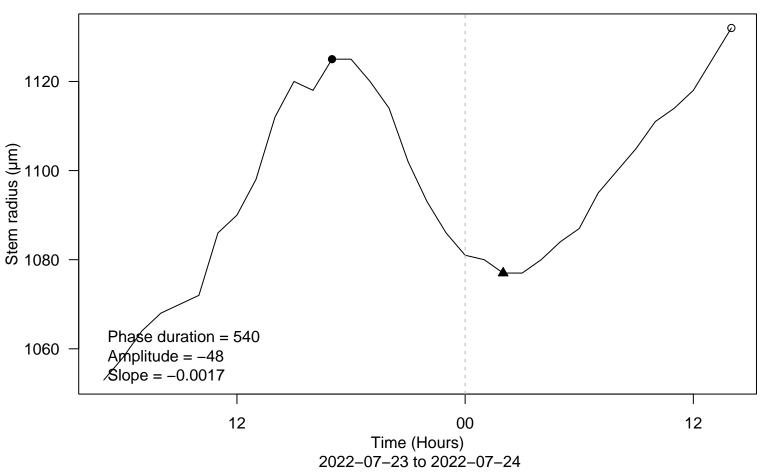
133 Shrinkage



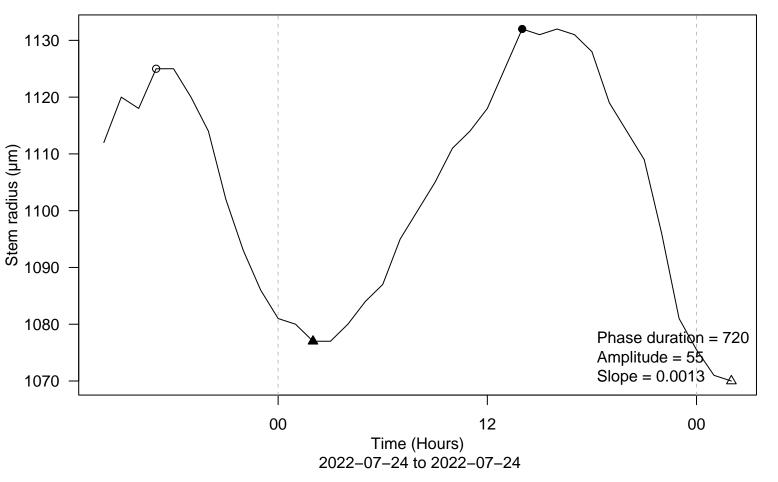
133 Expansion



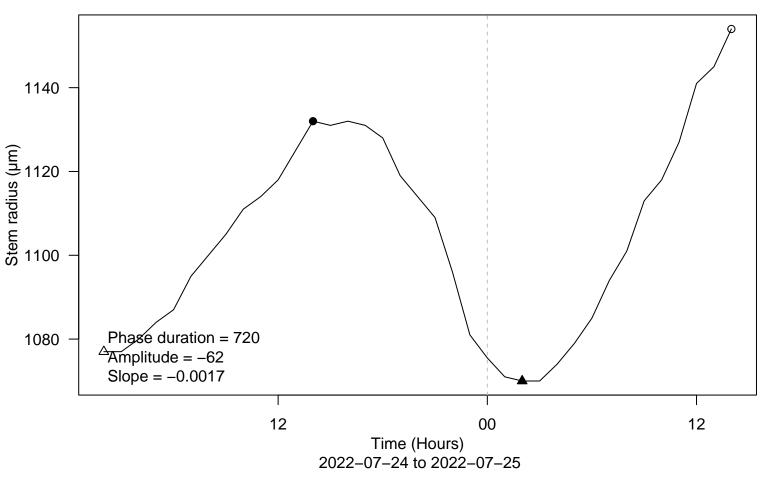
133 Shrinkage



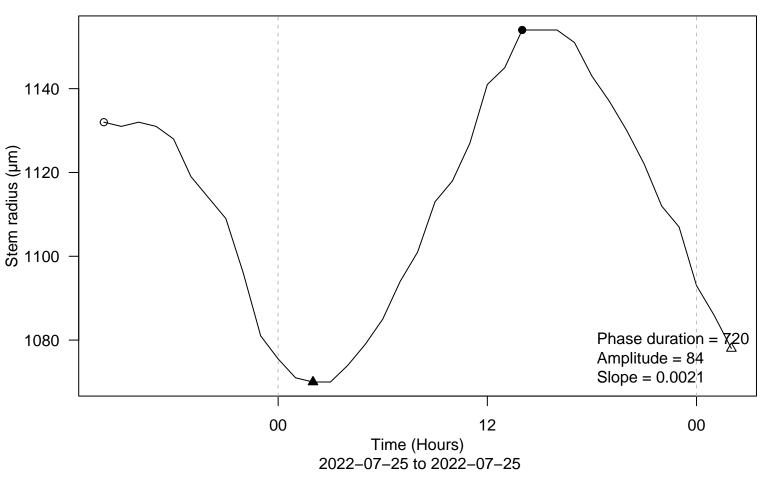
133 Expansion



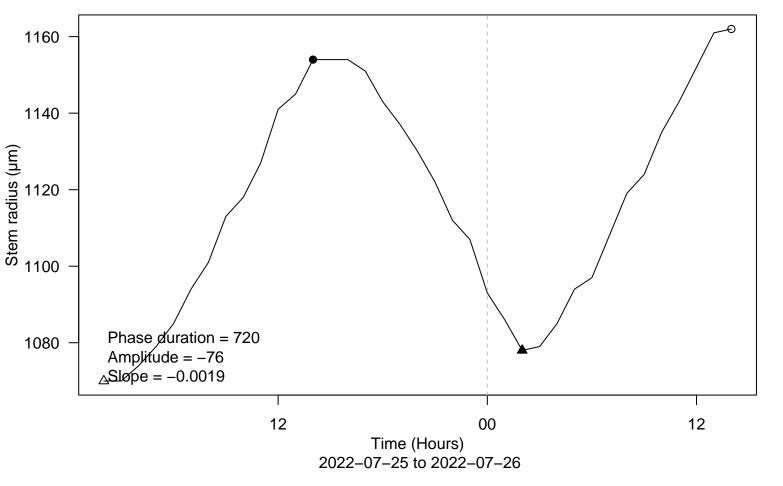
133 Shrinkage



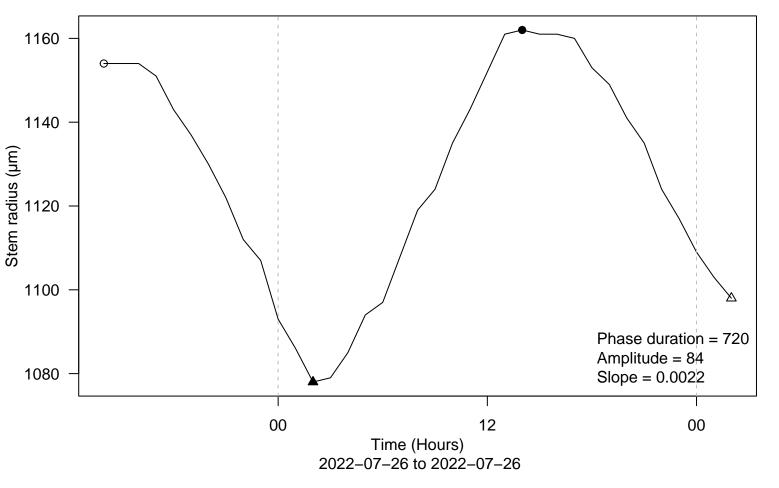
133 Expansion



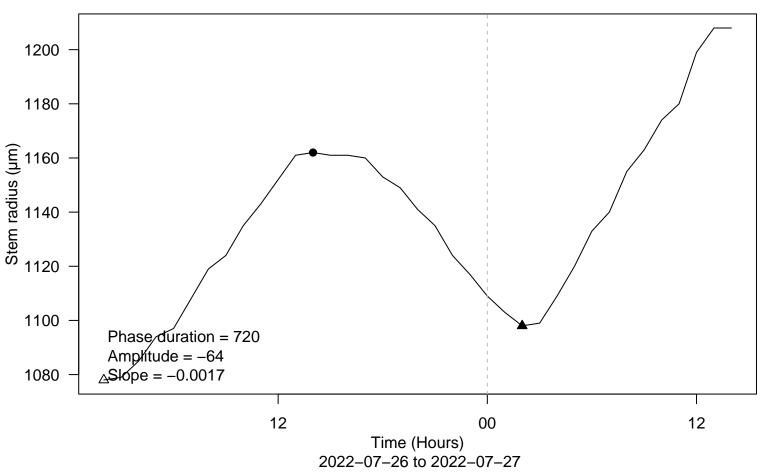
133 Shrinkage



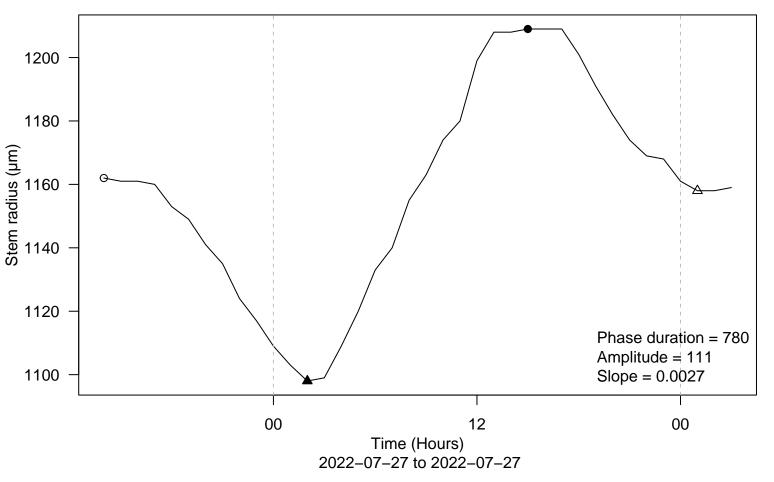
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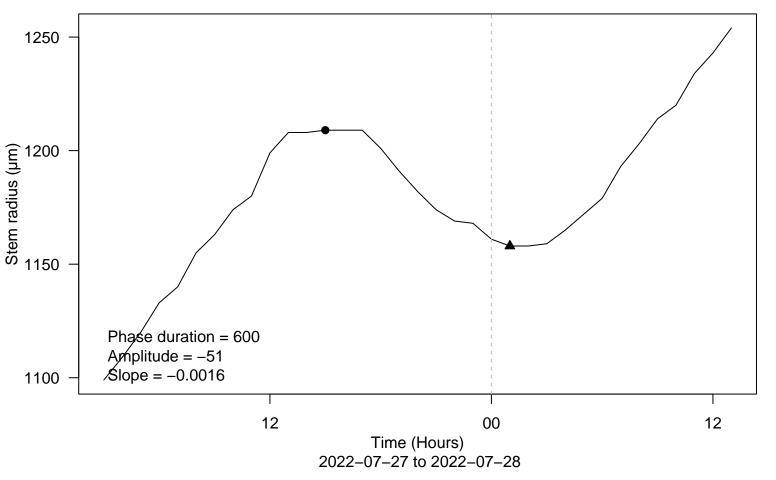
133 Shrinkage



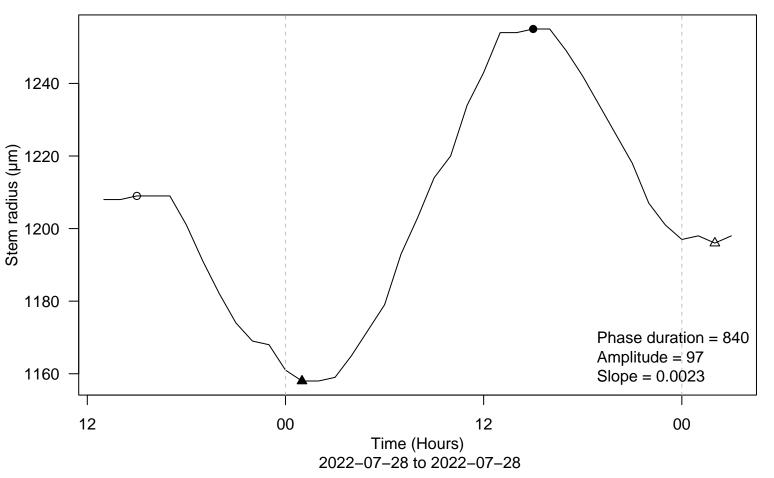
133 Expansion



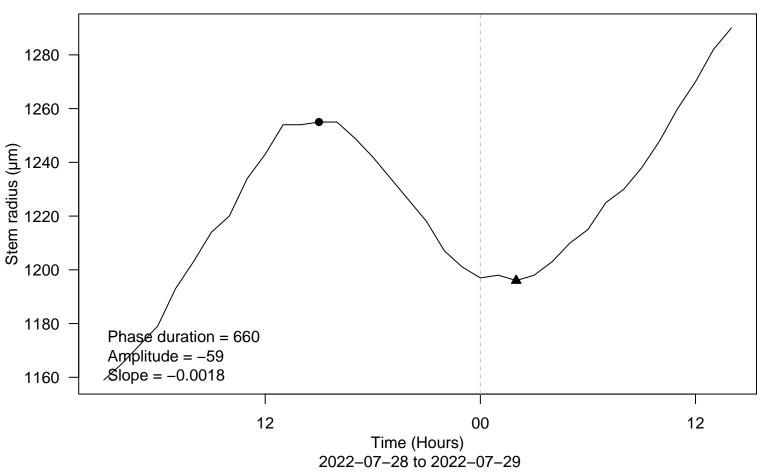
133 Shrinkage



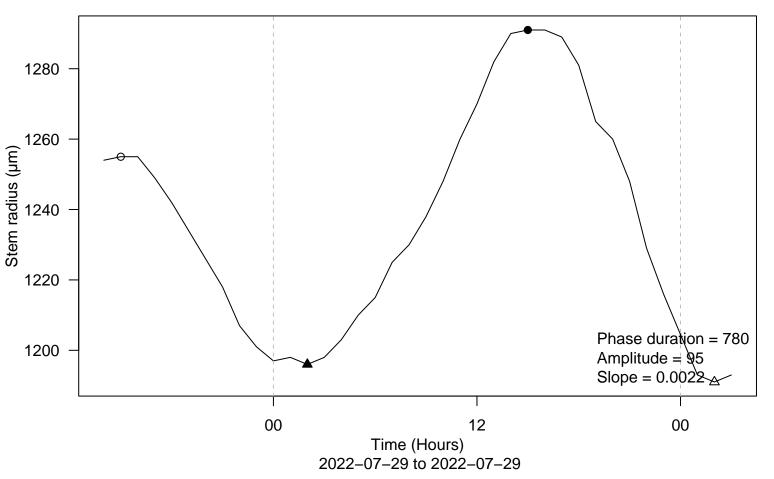
133 Expansion



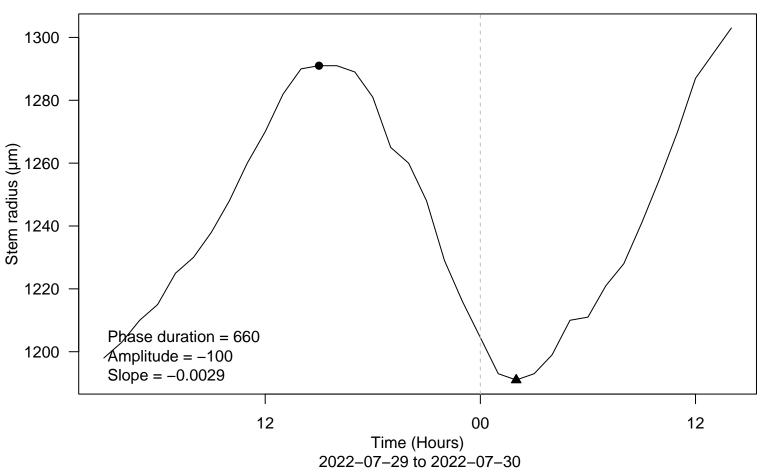
133 Shrinkage



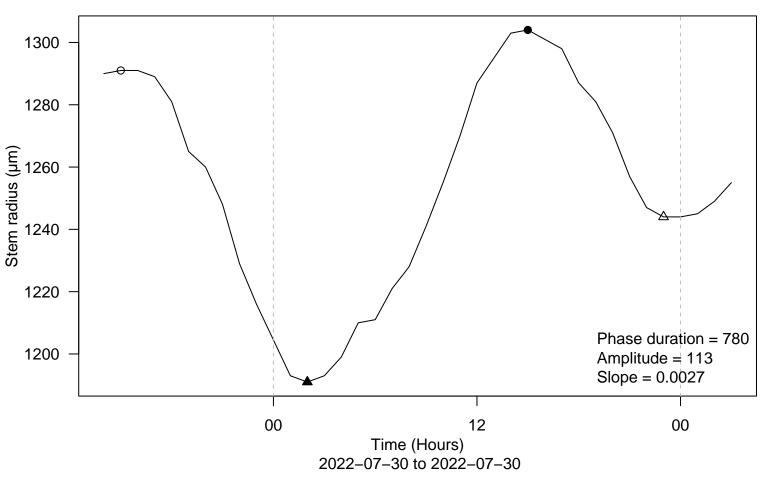
133 Expansion



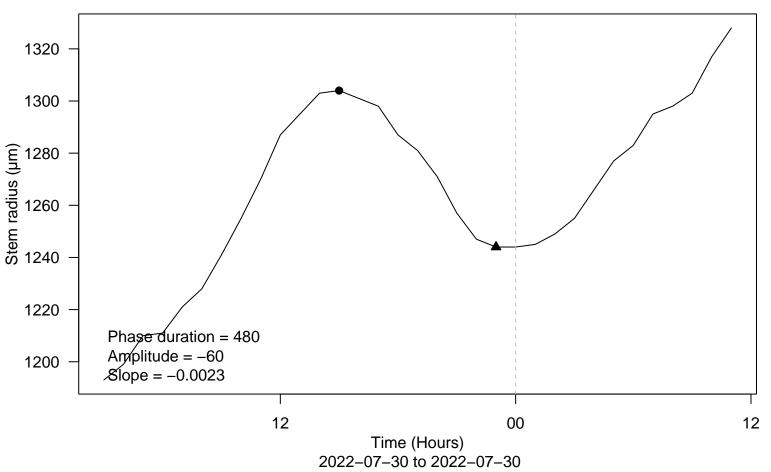
133 Shrinkage



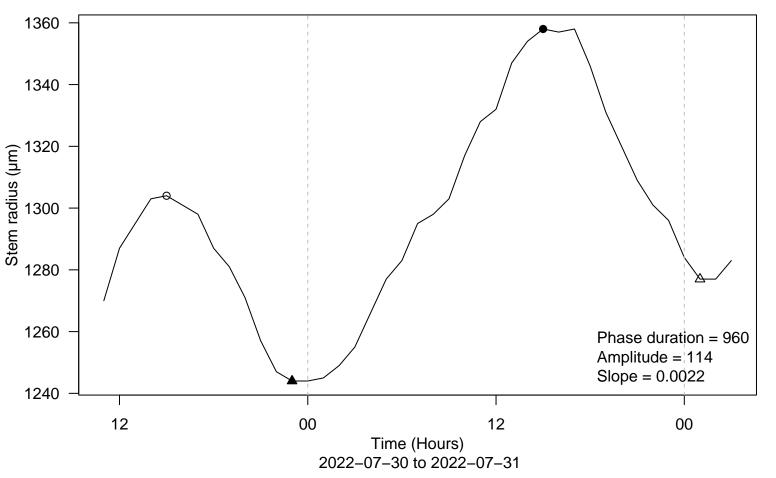
133 Expansion



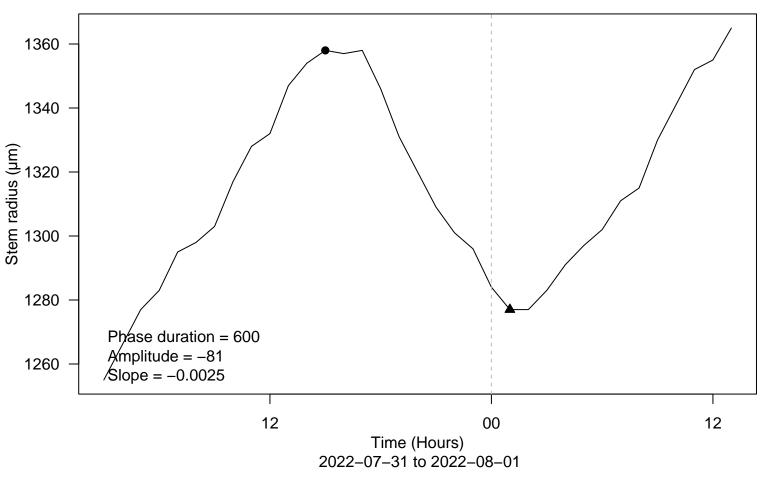
133 Shrinkage



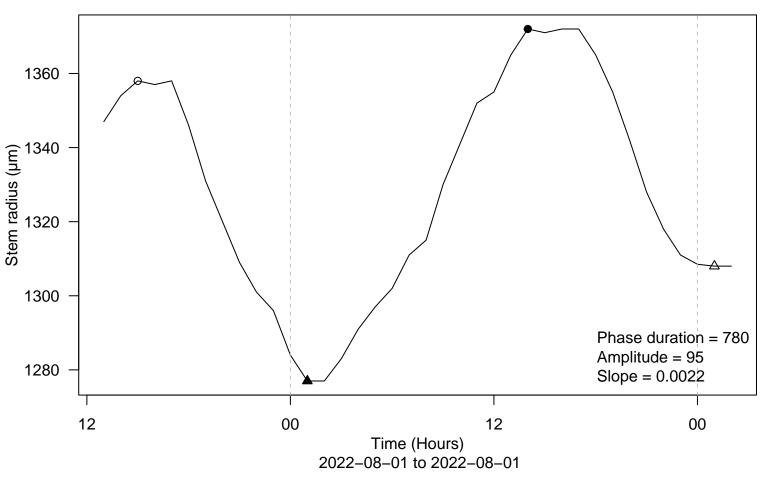
133 Expansion



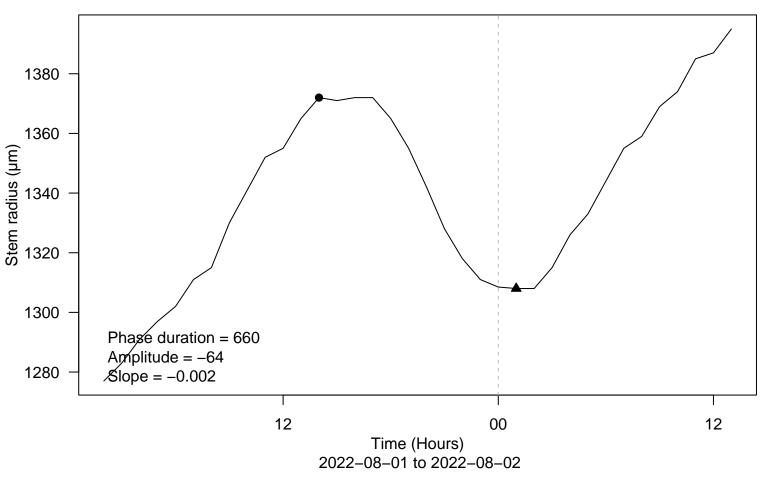
133 Shrinkage



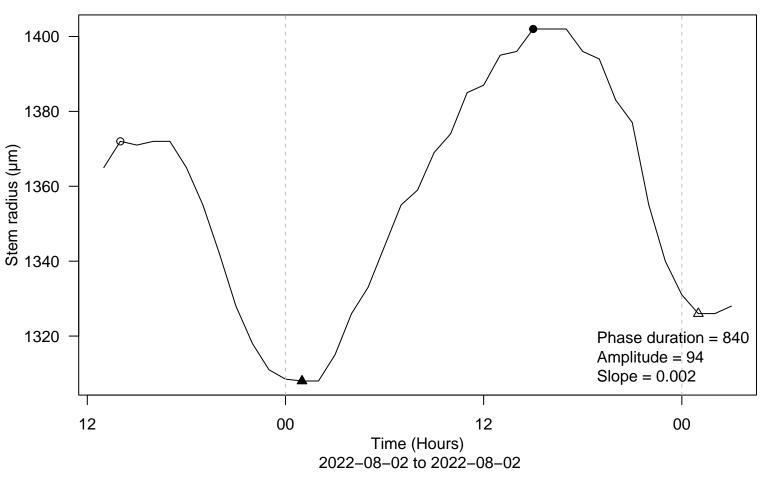
133 Expansion



133 Shrinkage



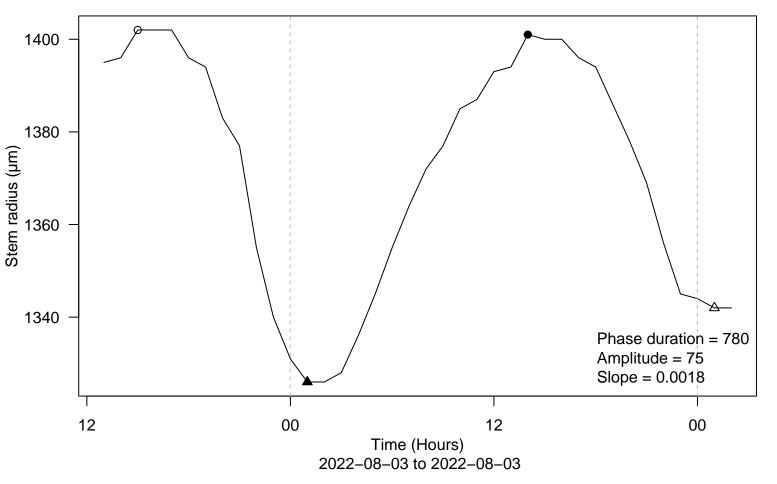
133 Expansion



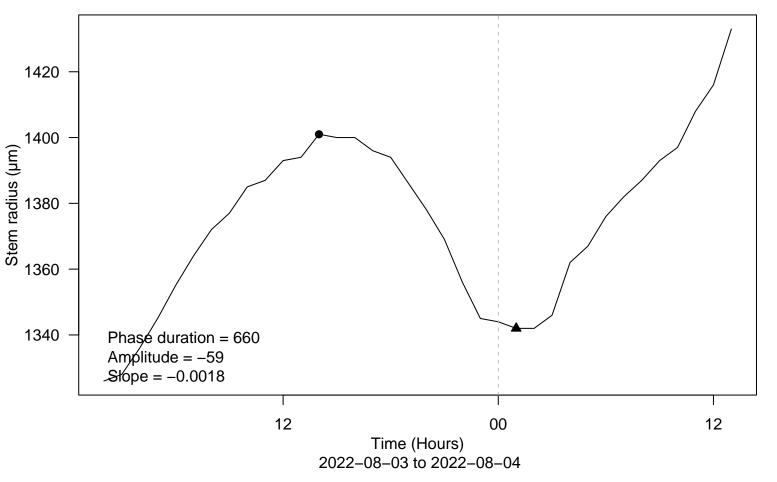
133 **Shrinkage** 1400 1380 -Stem radius (µm) 1360 1340 Phase duration = 600 \not mplitude = -76 1320 - $\sqrt{\text{Slope}} = -0.0024$ 12 00 12

Time (Hours) 2022–08–02 to 2022–08–03

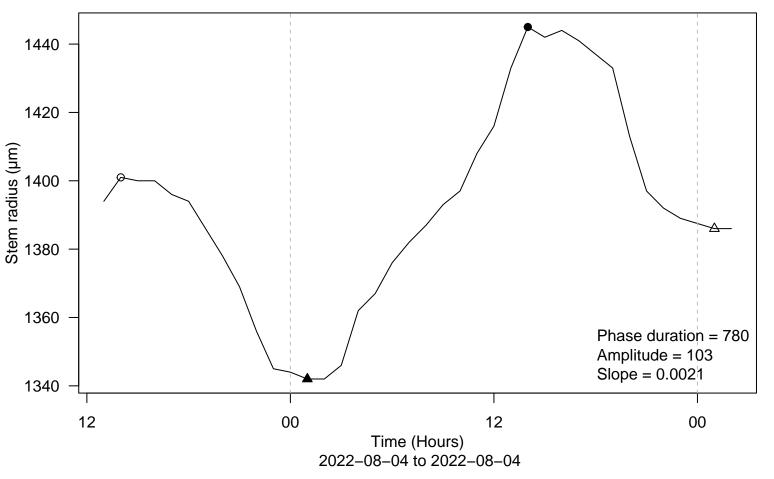
133 Expansion



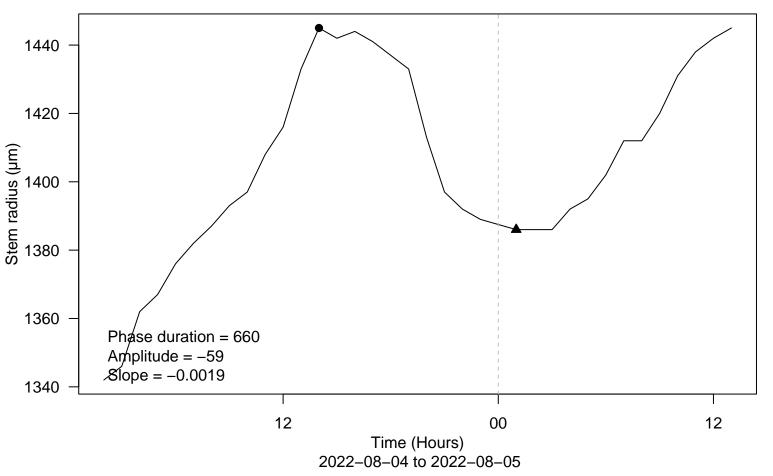
133 Shrinkage



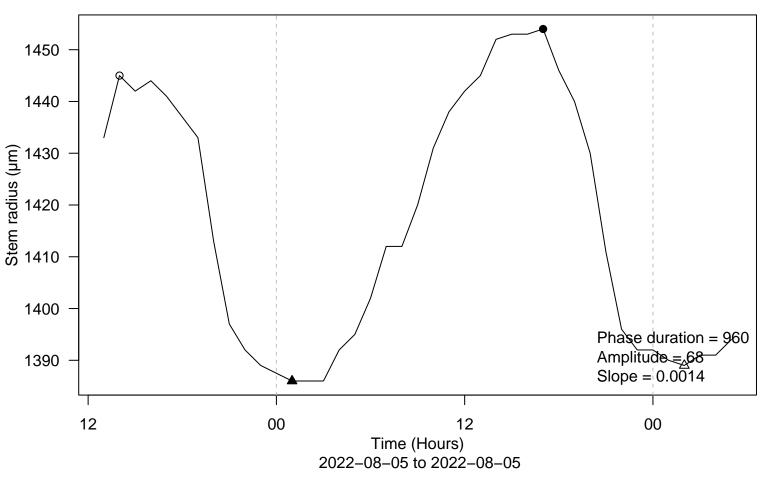
133 Expansion



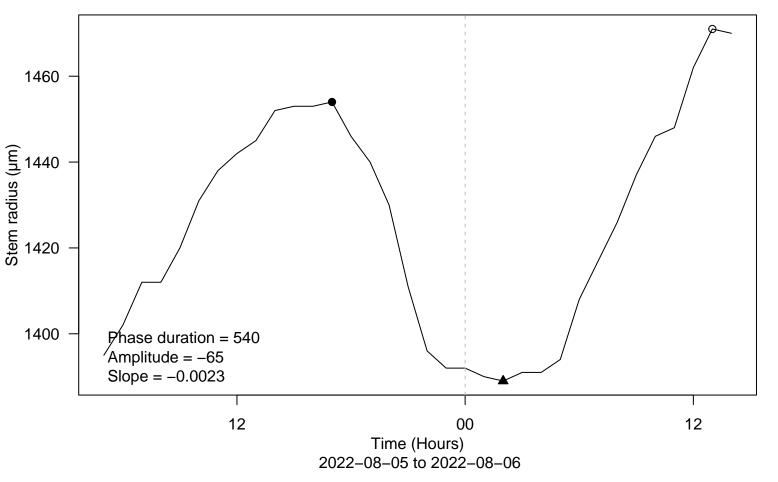
133 Shrinkage



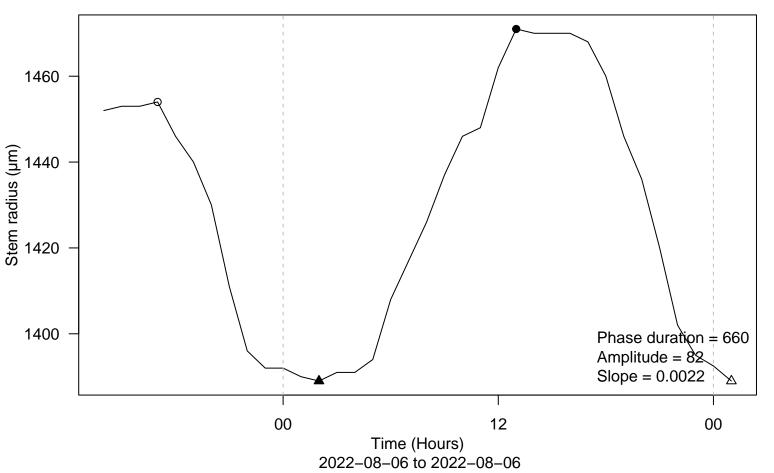
133 Expansion



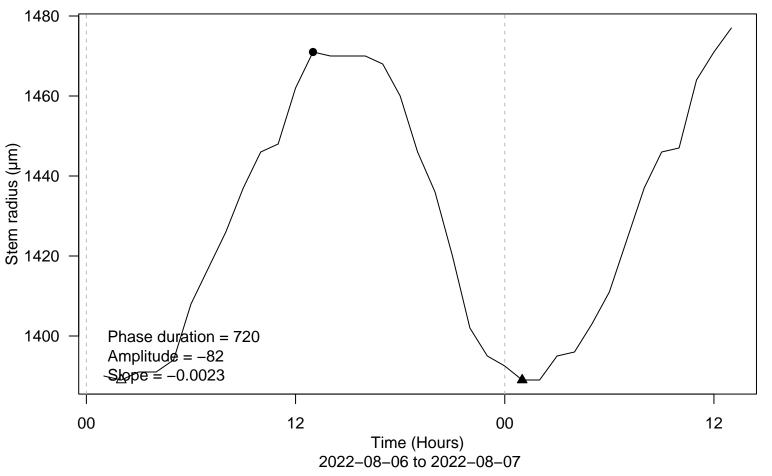
133 Shrinkage



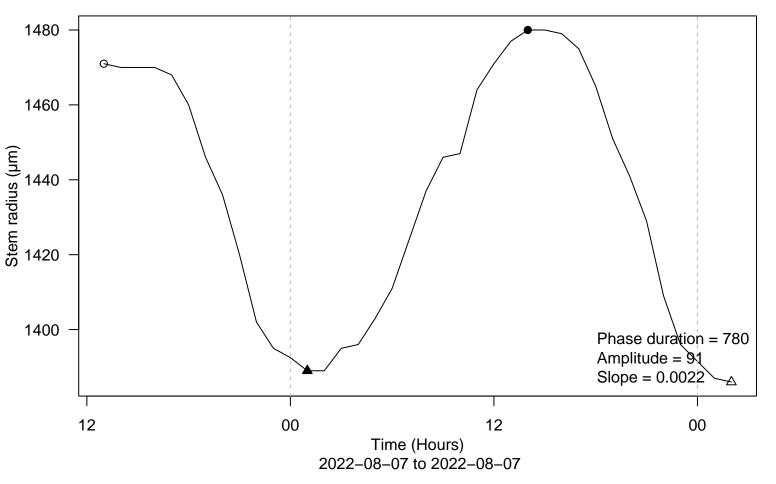
133 Expansion



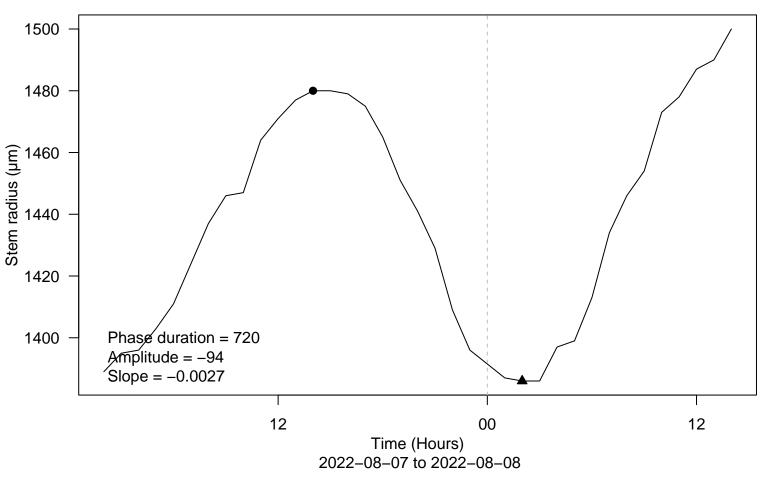
133 Shrinkage



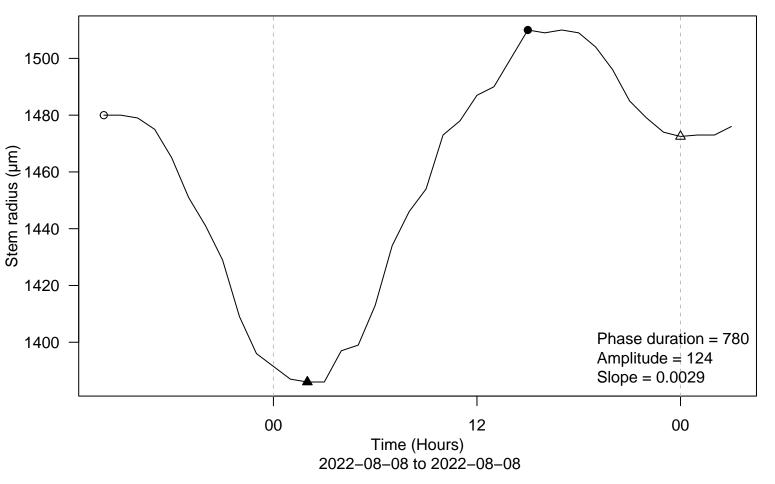
133 Expansion



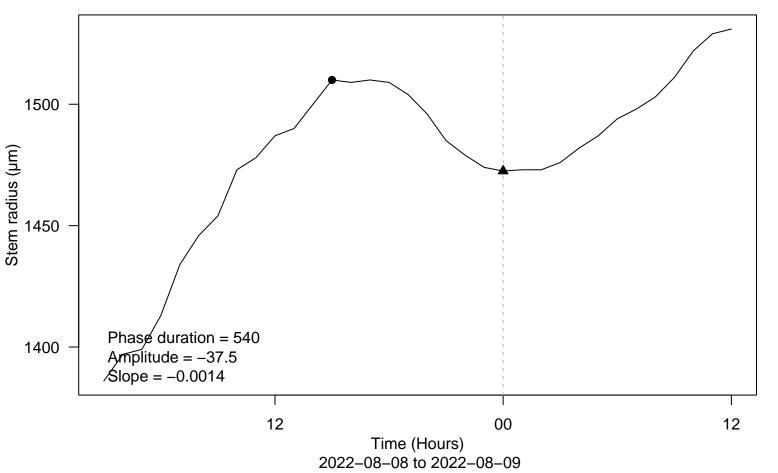
133 Shrinkage



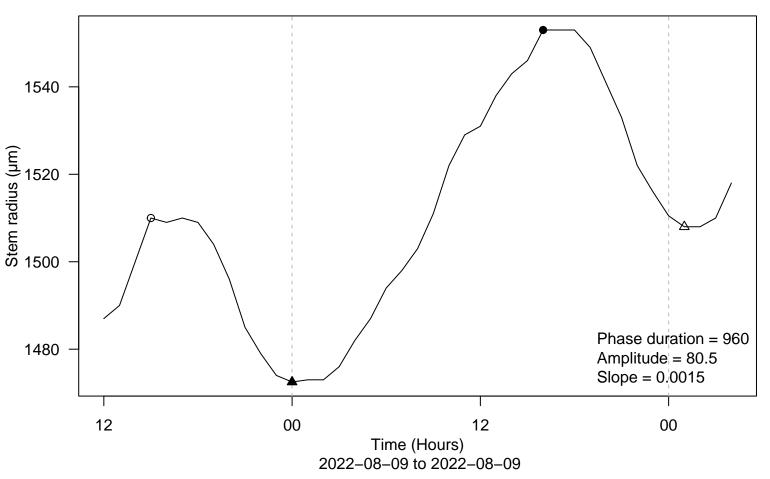
133 Expansion



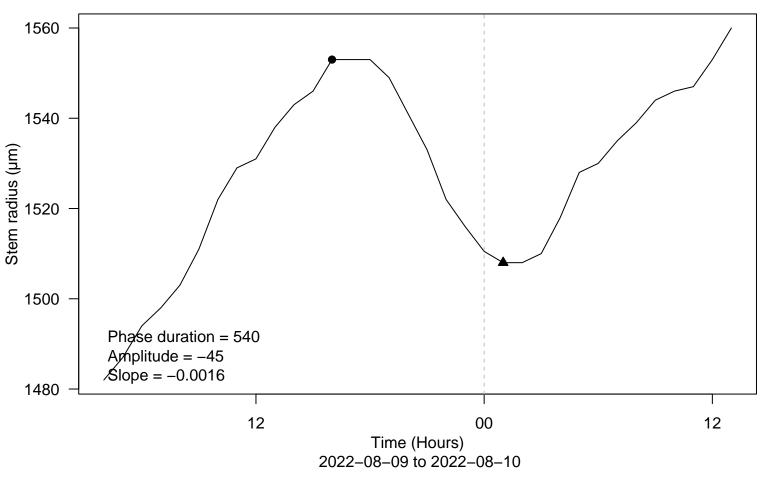
133 Shrinkage



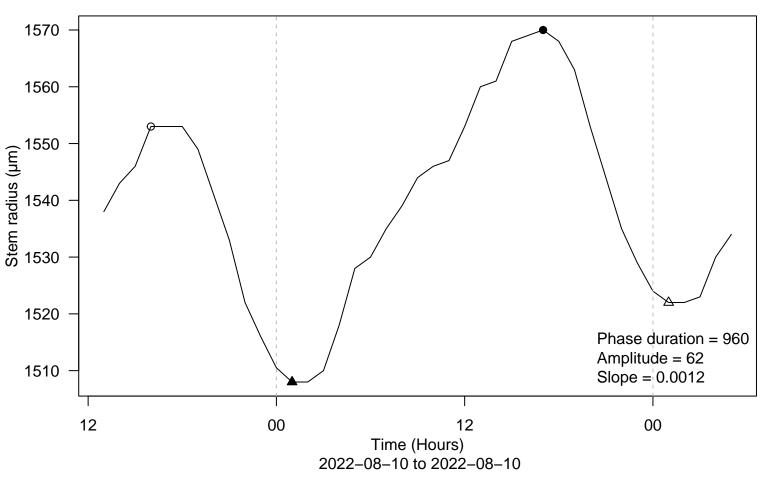
133 Expansion



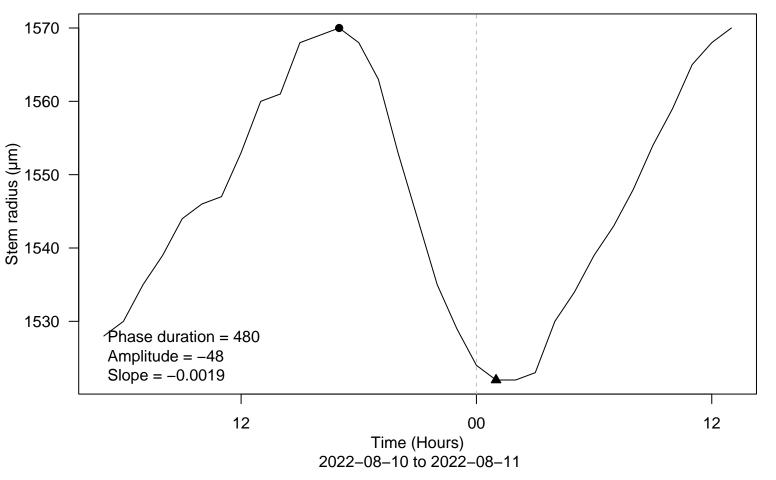
133 Shrinkage



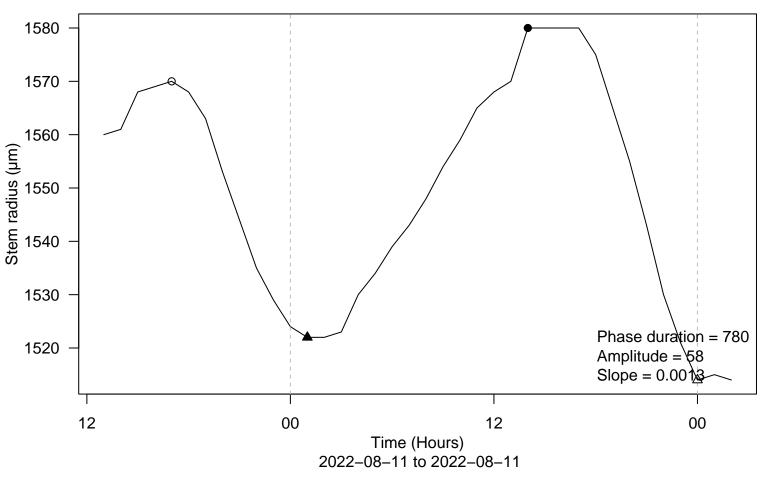
133 Expansion



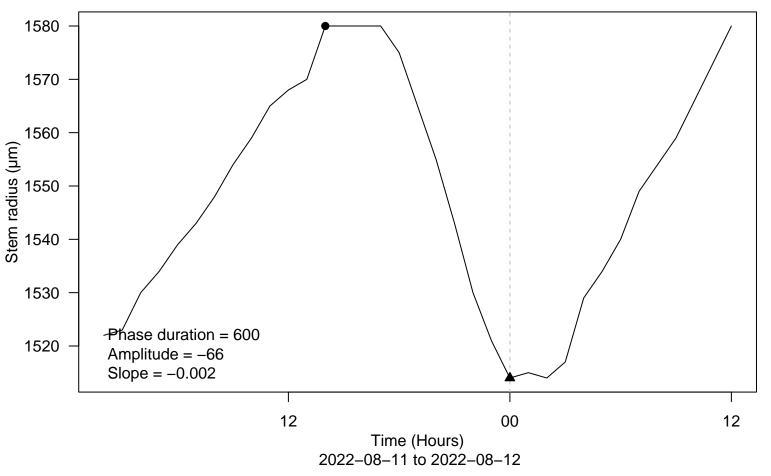
133 Shrinkage



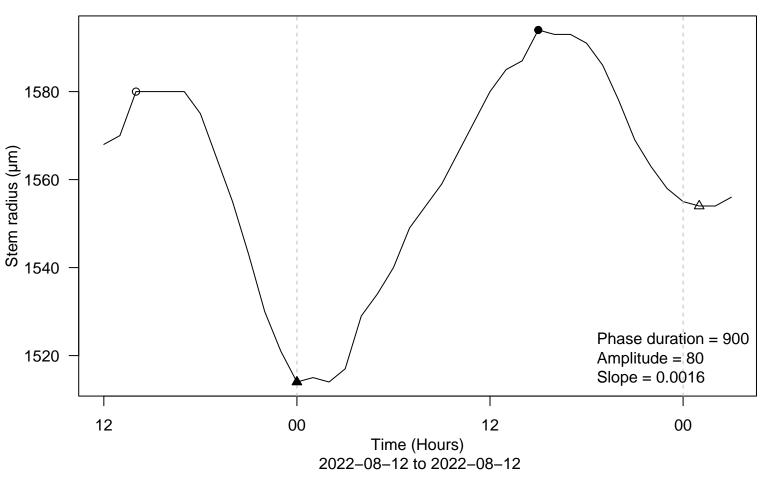
133 Expansion



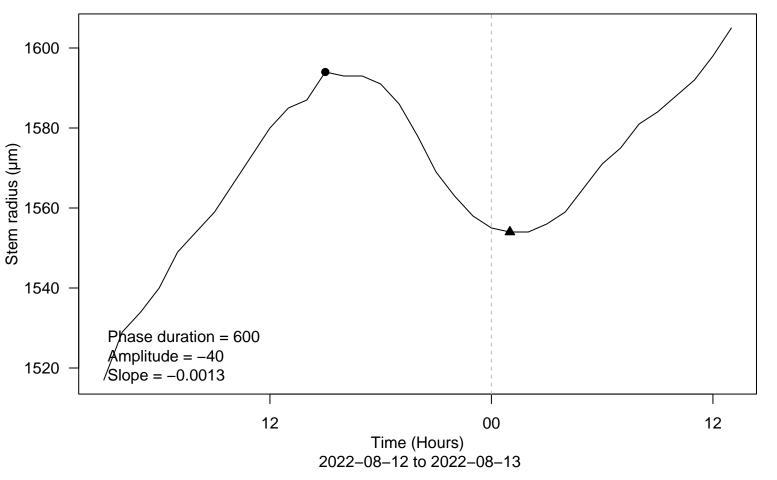
133 Shrinkage



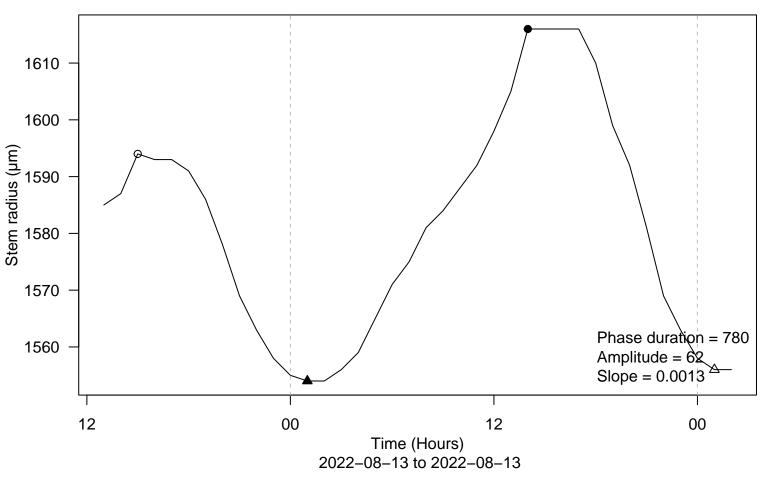
133 Expansion



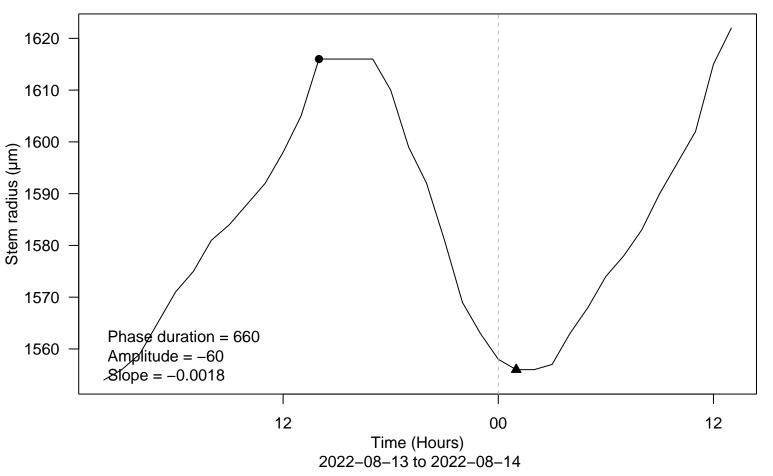
133 Shrinkage



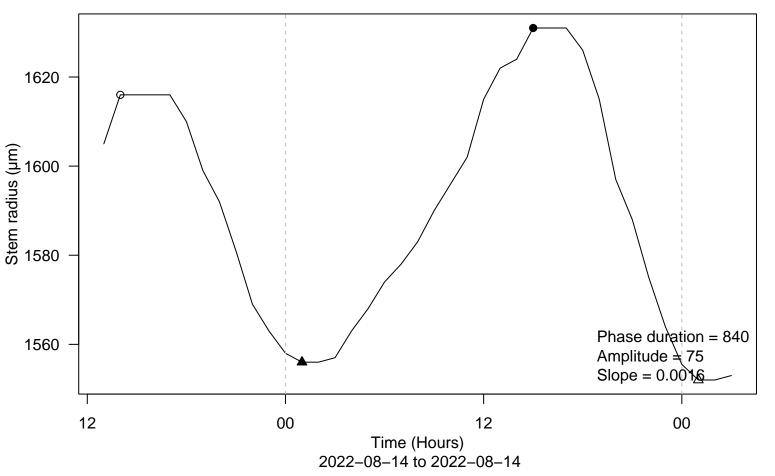
133 Expansion



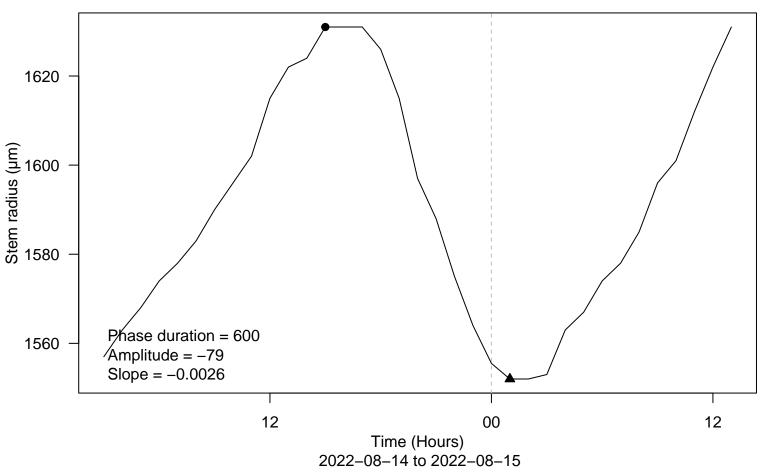
133 Shrinkage



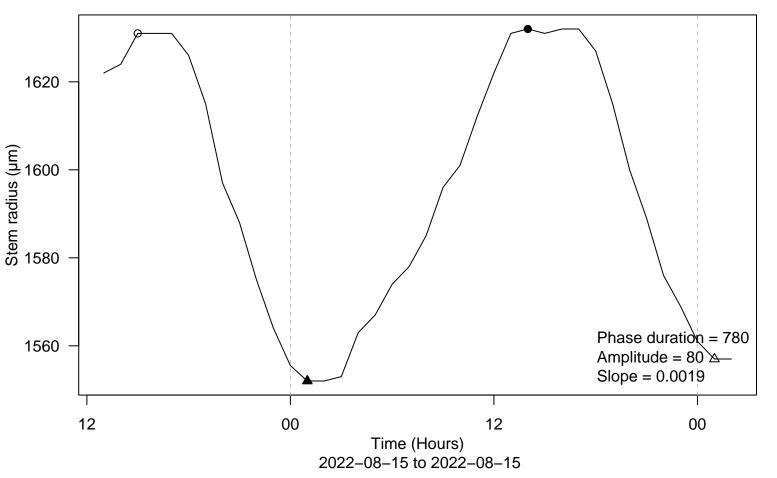
133 Expansion



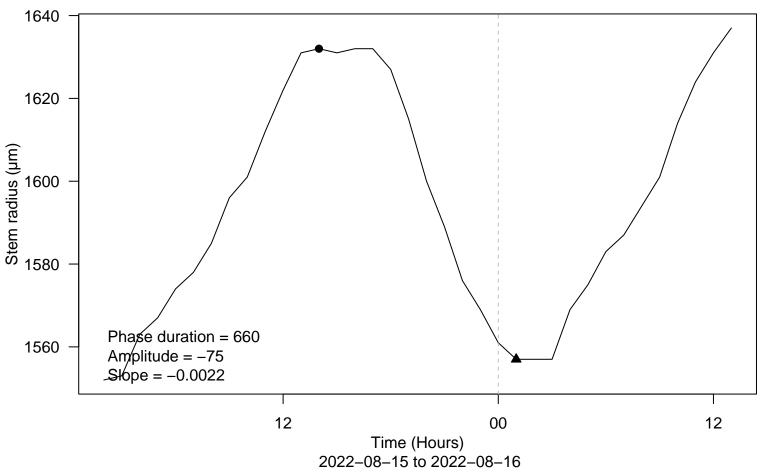
133 Shrinkage



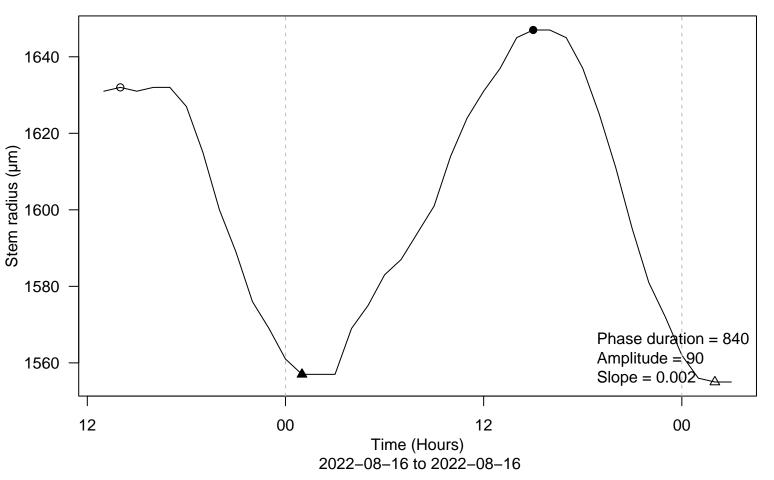
133 Expansion



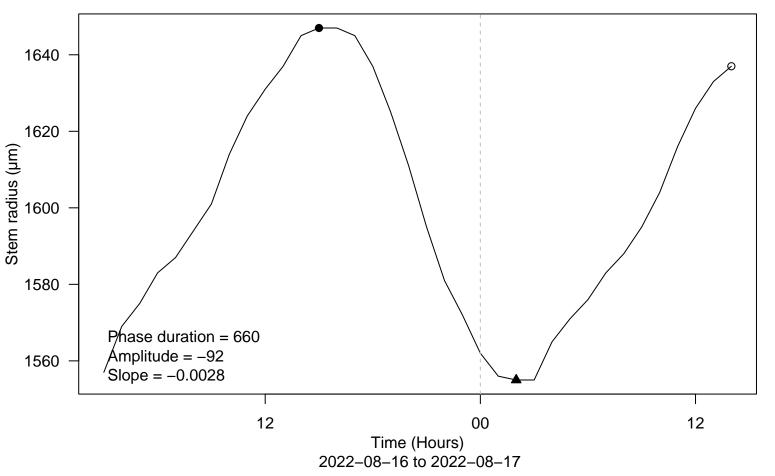
133 Shrinkage



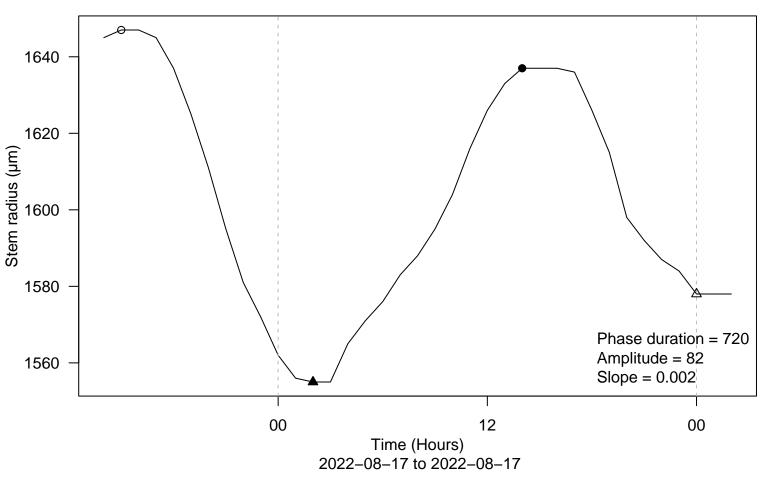
133 Expansion



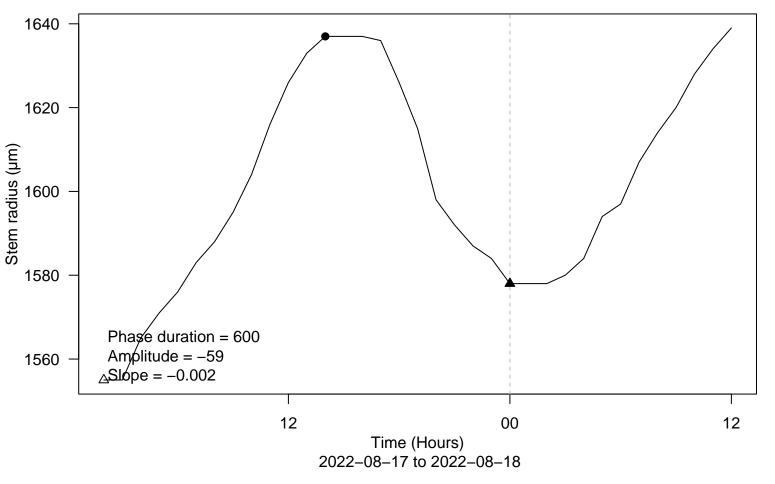
133 Shrinkage



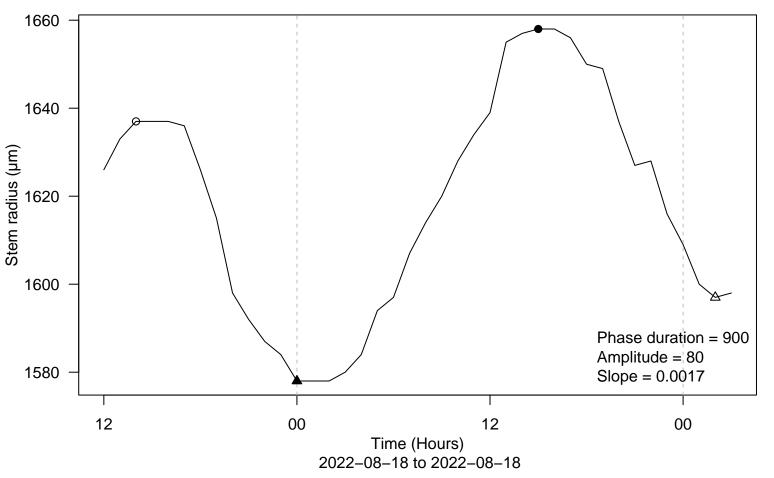
133 Expansion



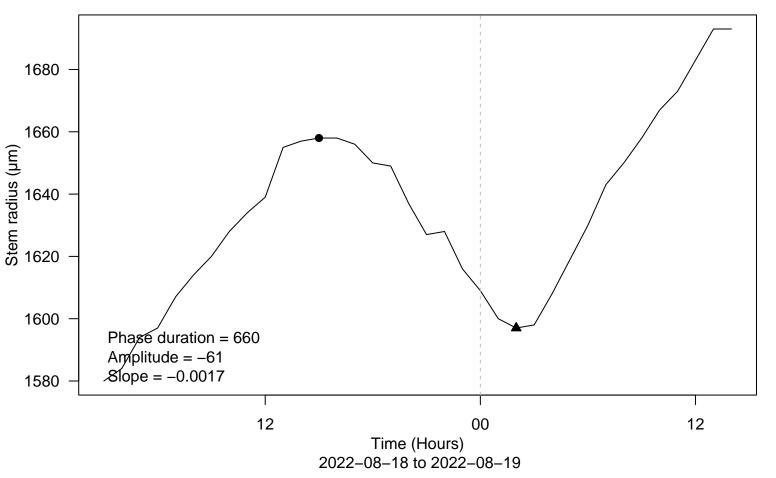
133 Shrinkage



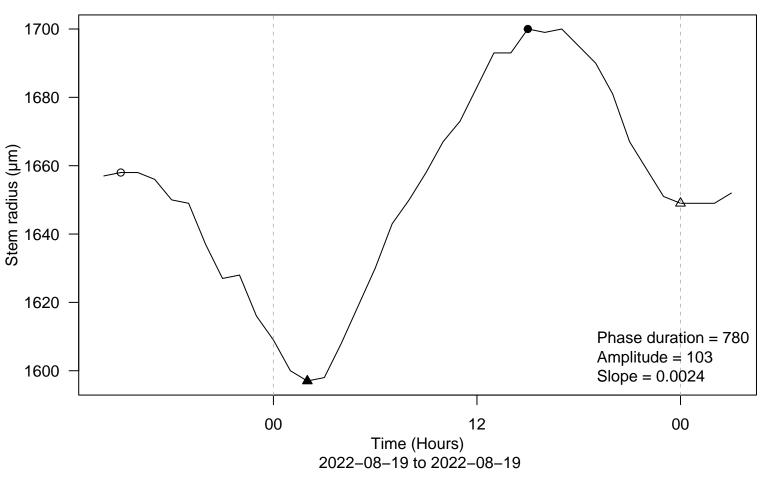
133 Expansion



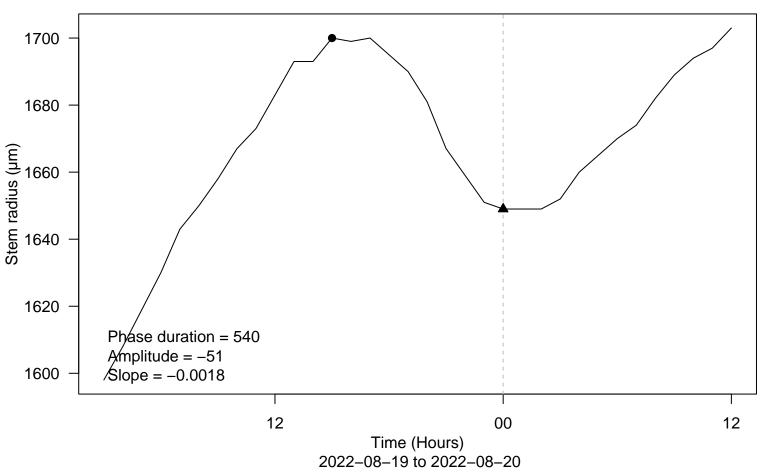
133 Shrinkage



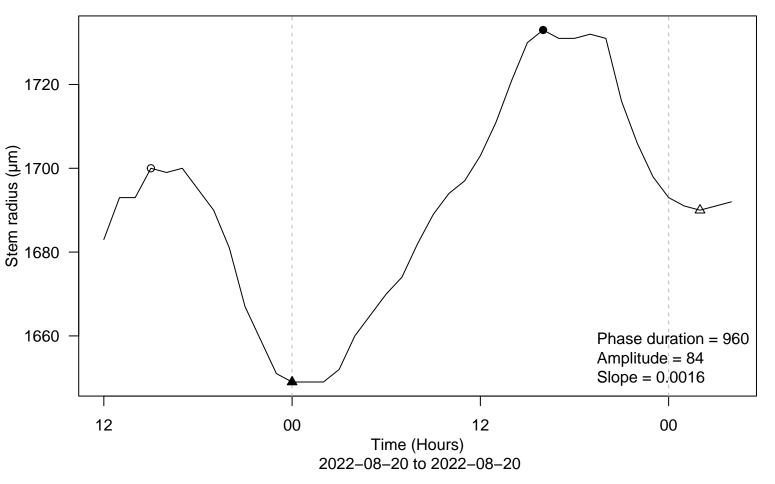
133 Expansion



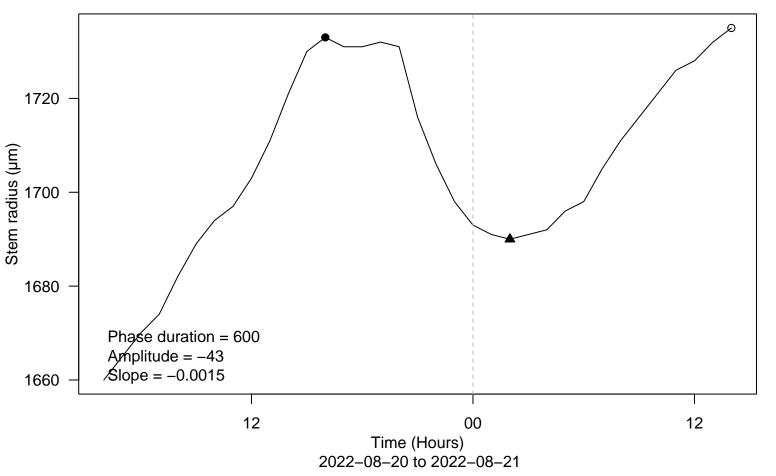
133 Shrinkage



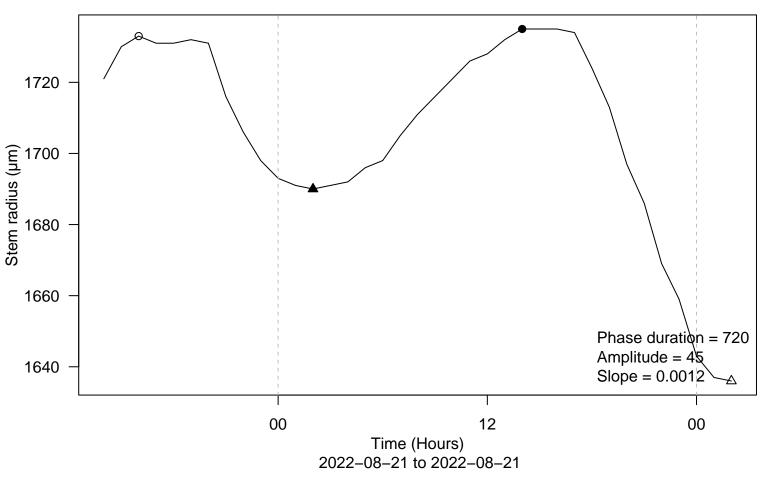
133 Expansion



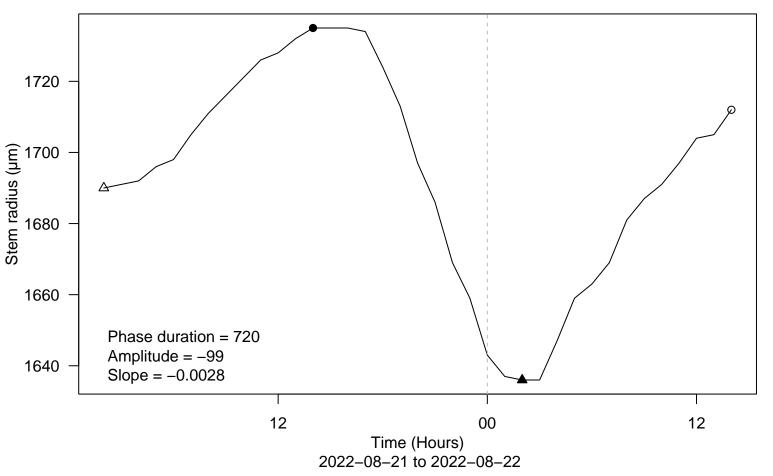
133 Shrinkage



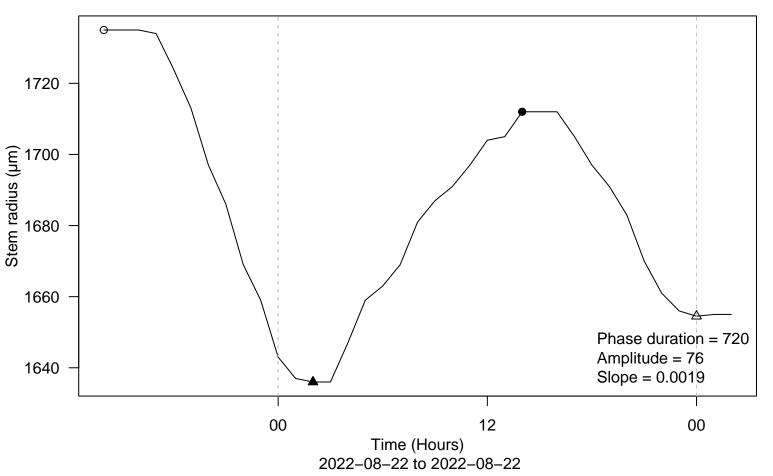
133 Expansion



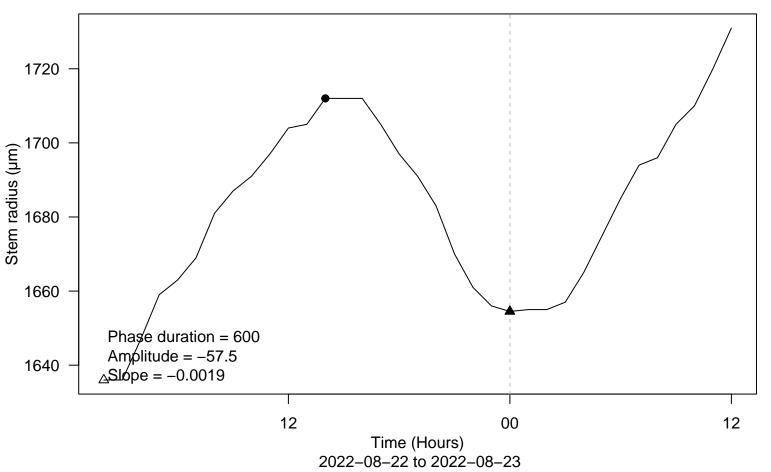
133 Shrinkage



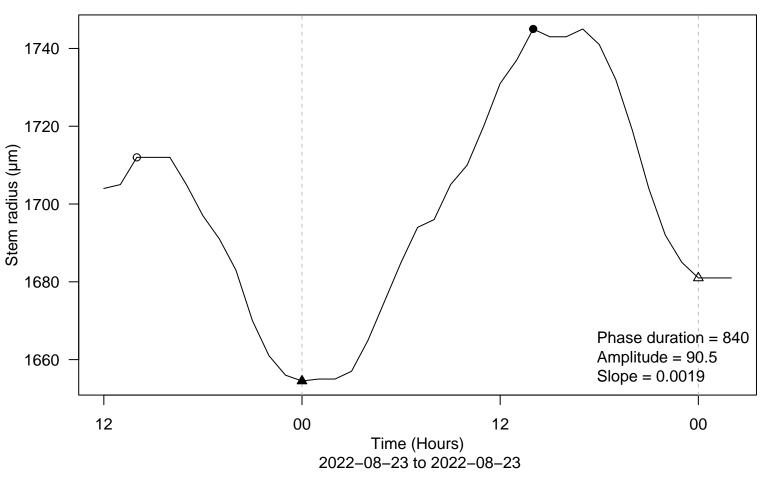
133 Expansion



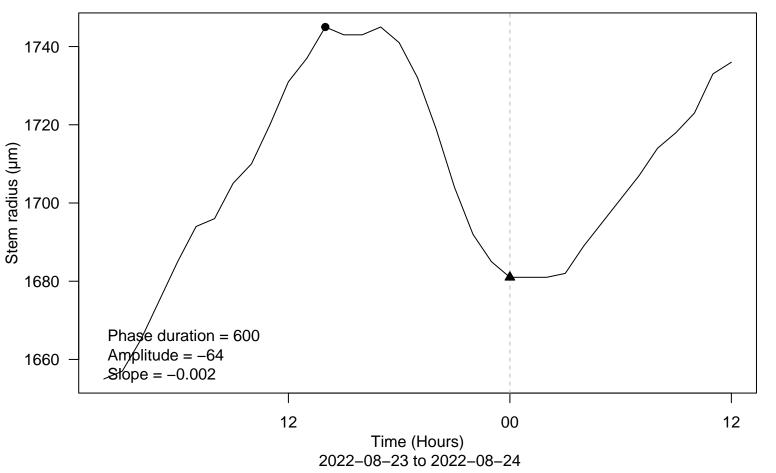
133 Shrinkage



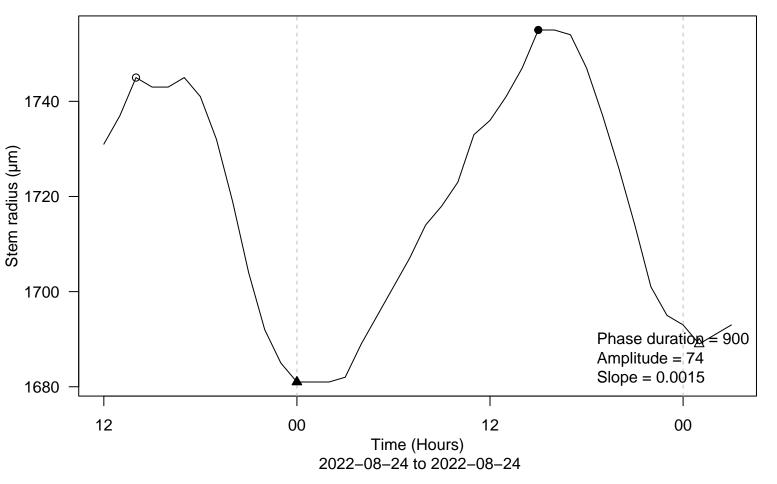
133 Expansion



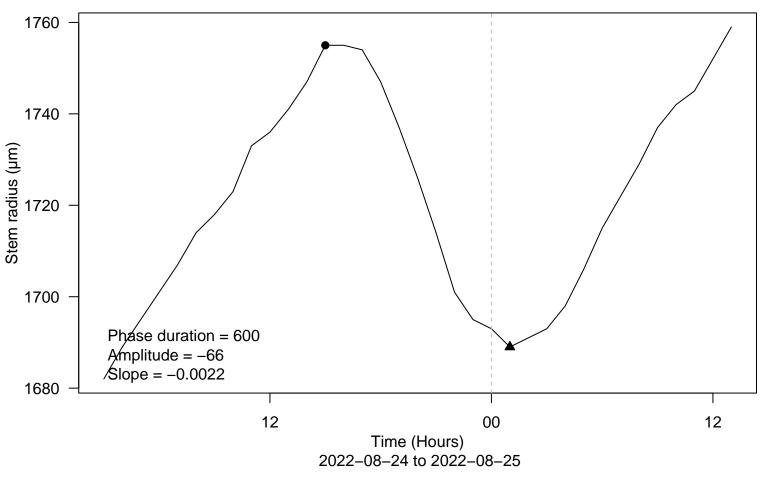
133 Shrinkage



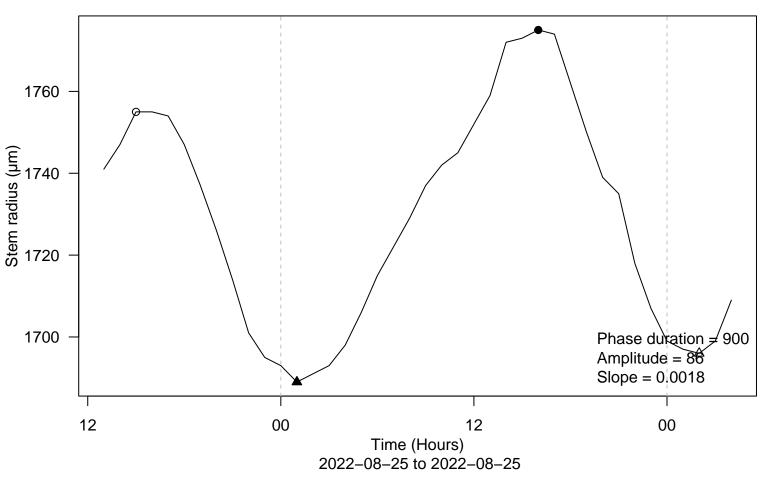
133 Expansion



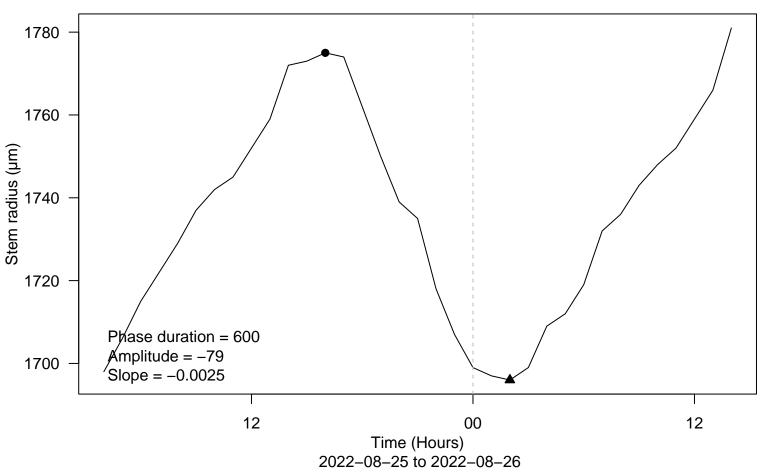
133 Shrinkage



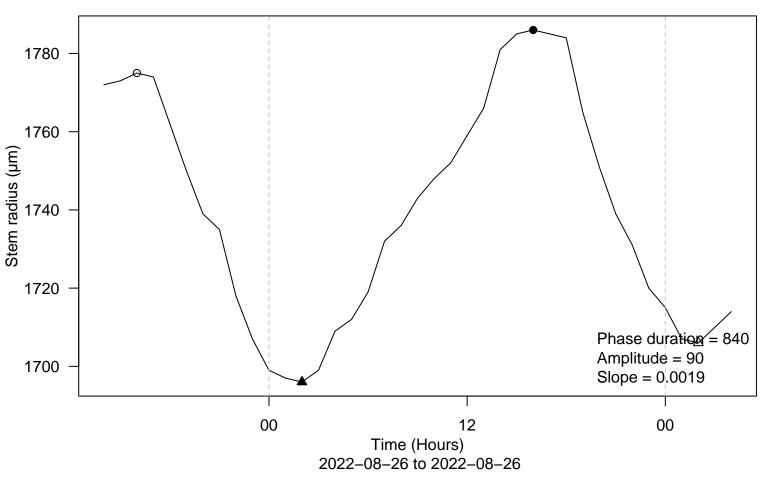
133 Expansion



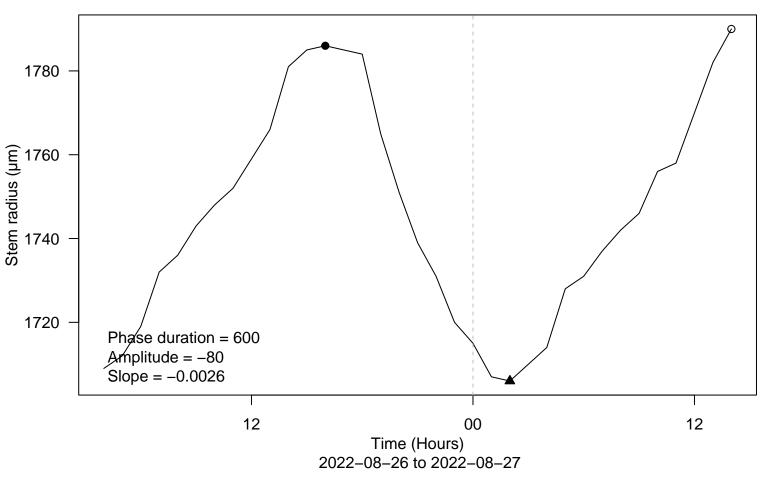
133 Shrinkage



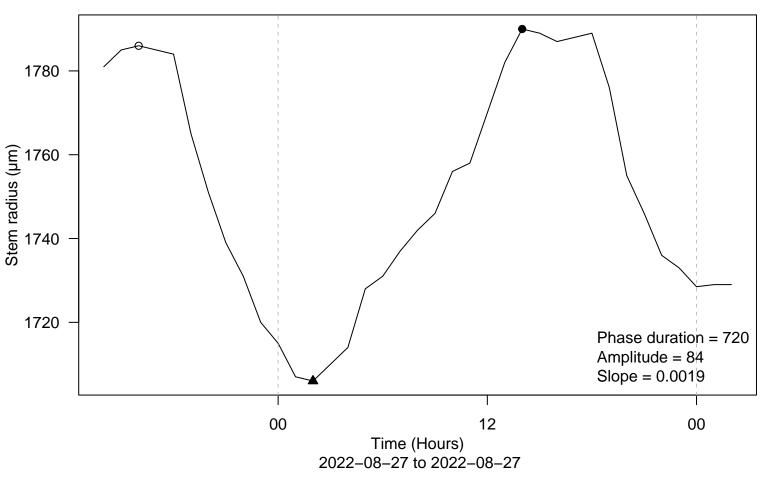
133 Expansion



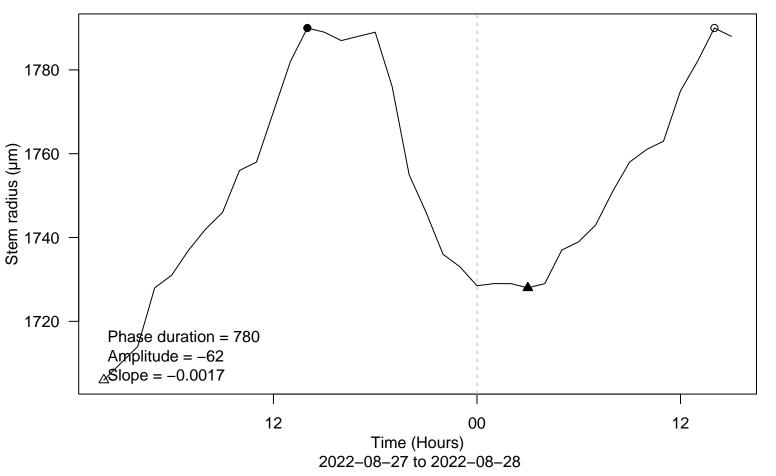
133 Shrinkage



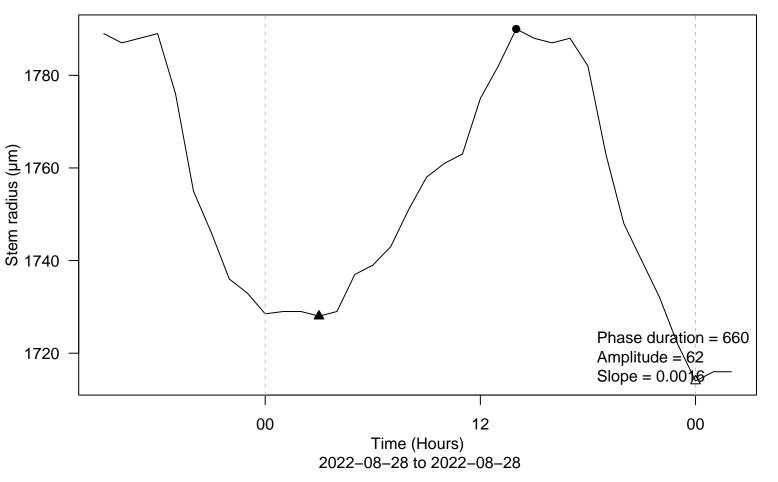
133 Expansion



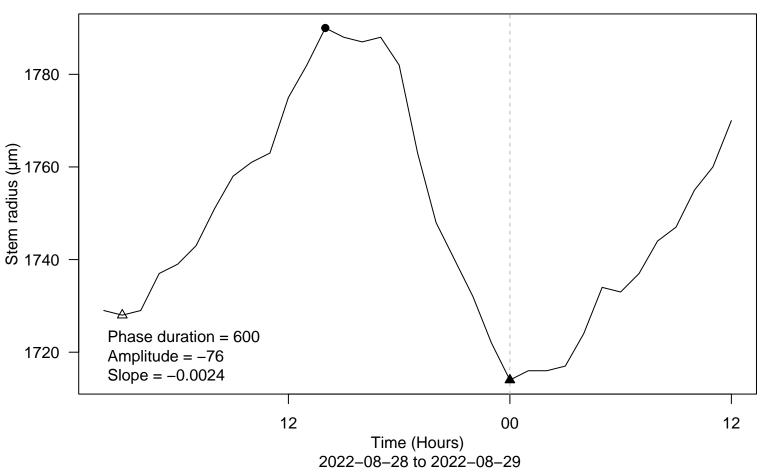
133 Shrinkage



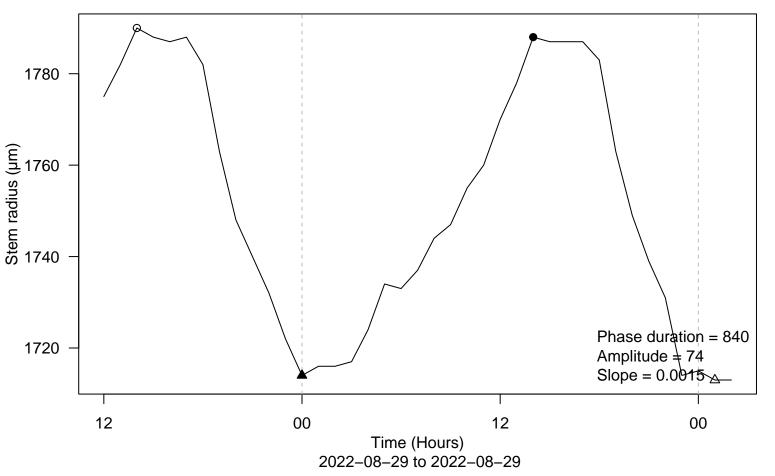
133 Expansion



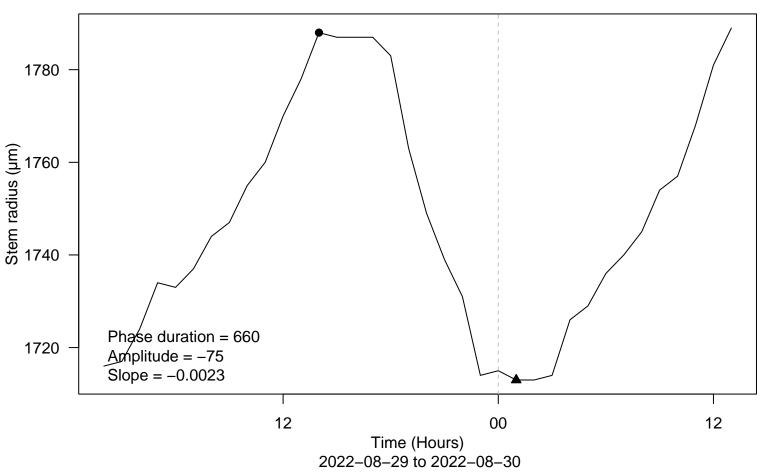
133 Shrinkage



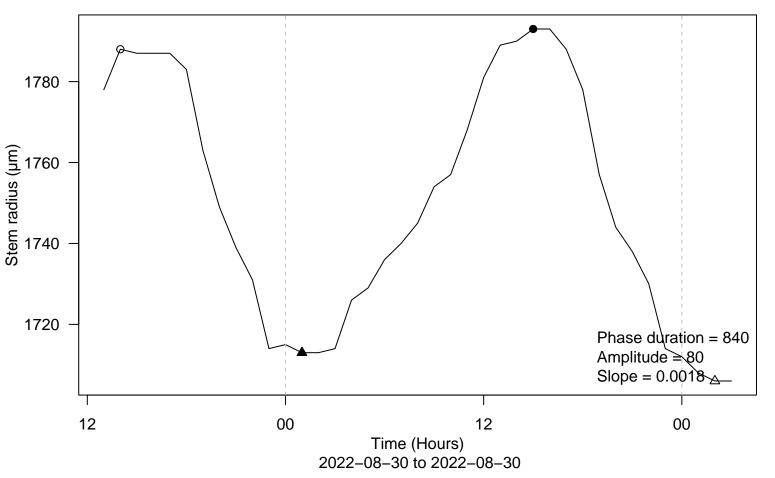
133 Expansion



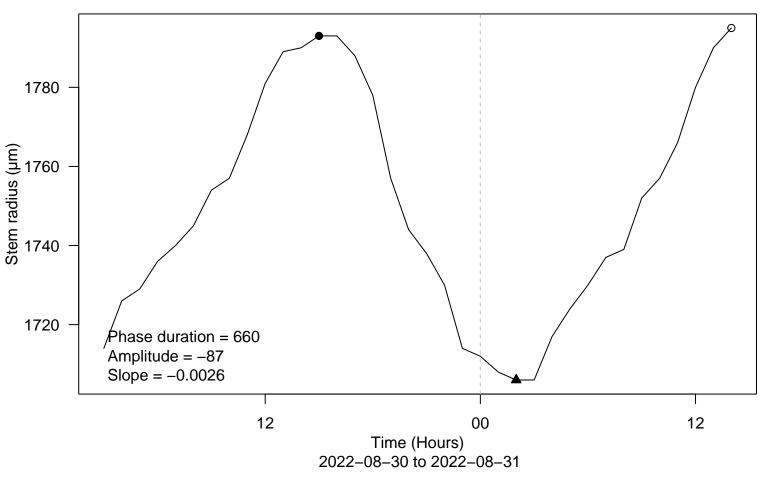
133 Shrinkage



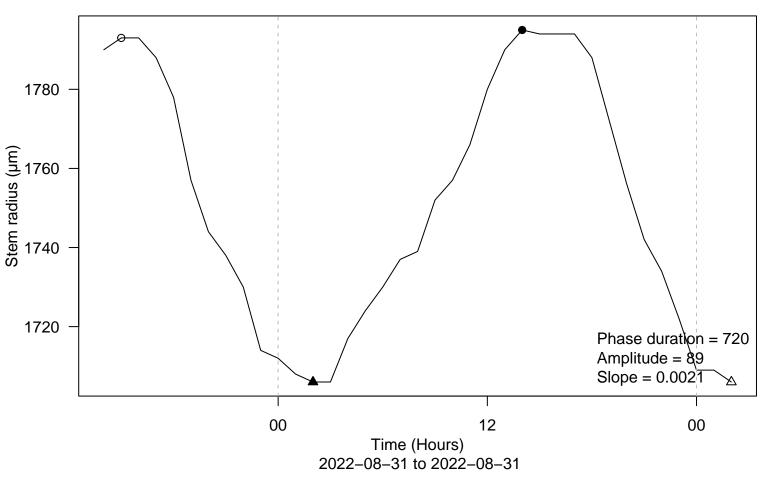
133 Expansion



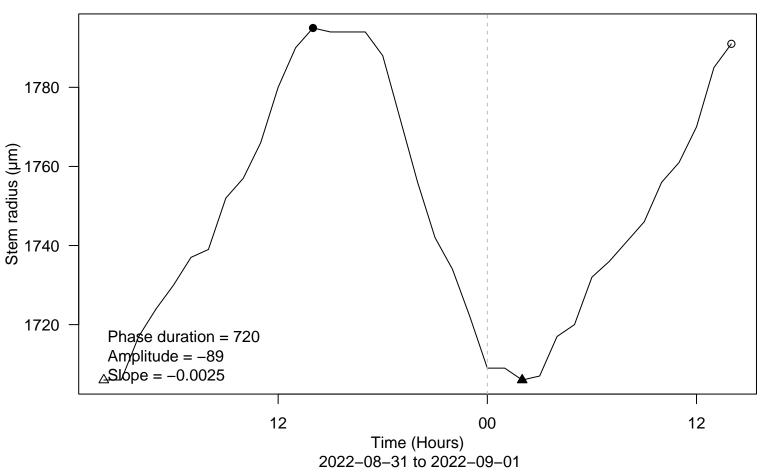
133 Shrinkage



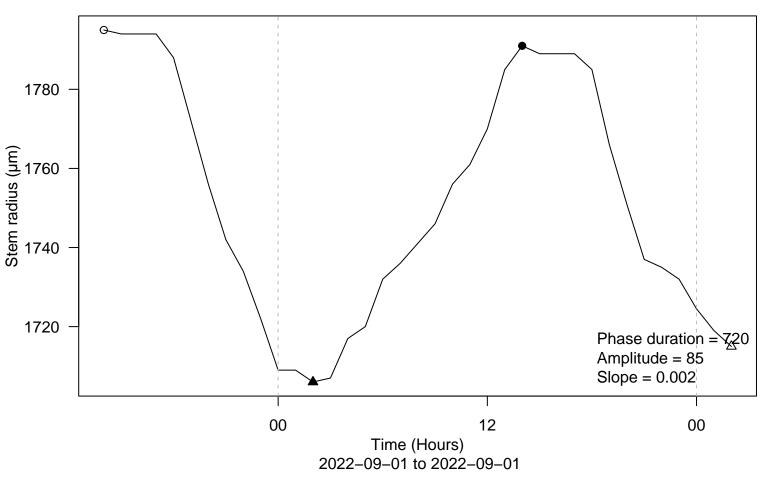
133 Expansion



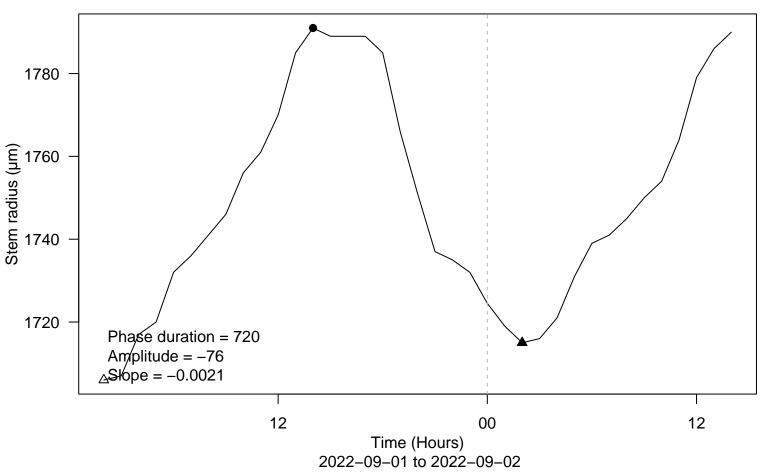
133 Shrinkage



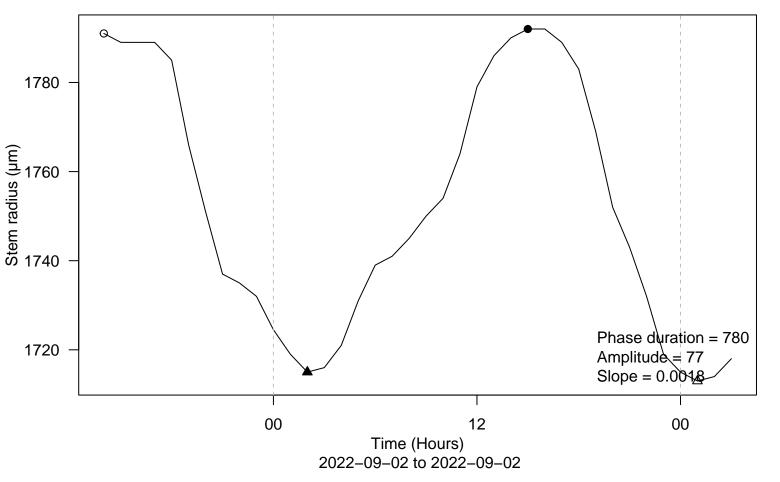
133 Expansion



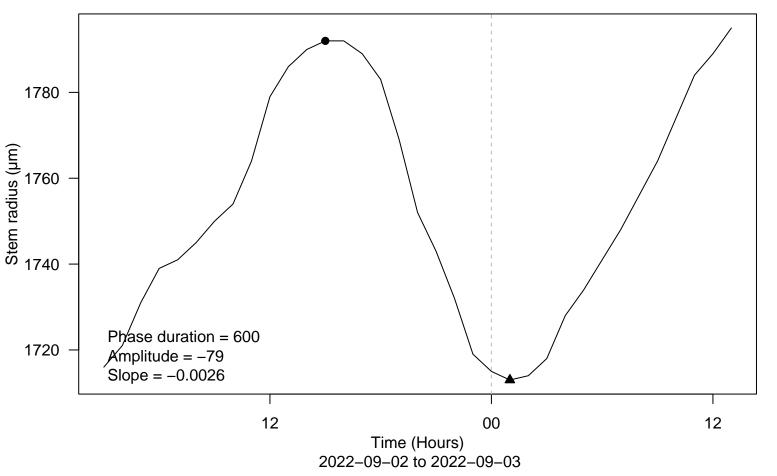
133 Shrinkage



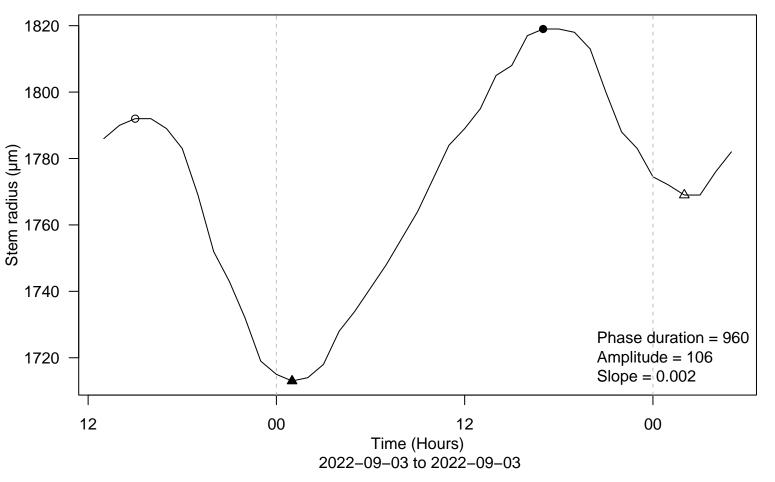
133 Expansion



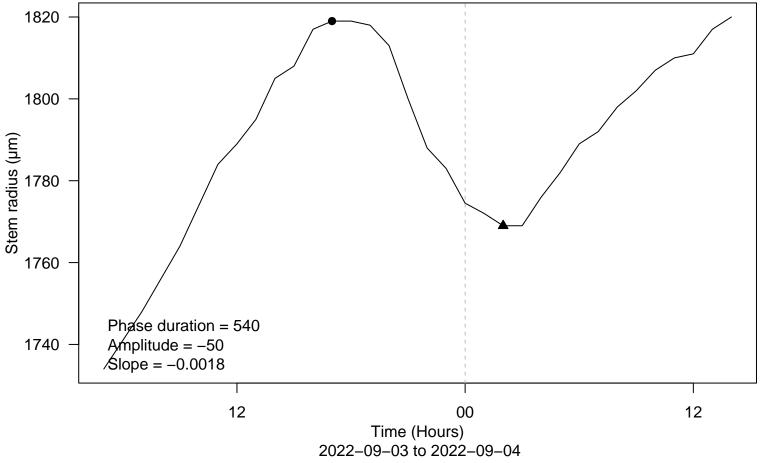
133 Shrinkage



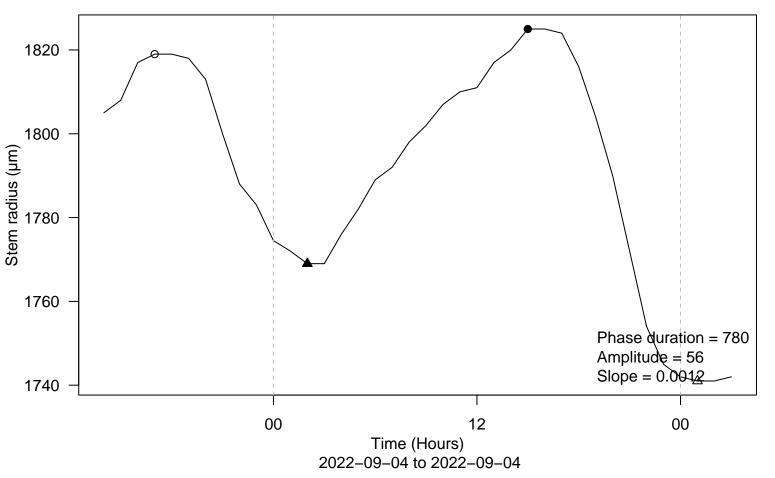
133 Expansion



133 Shrinkage



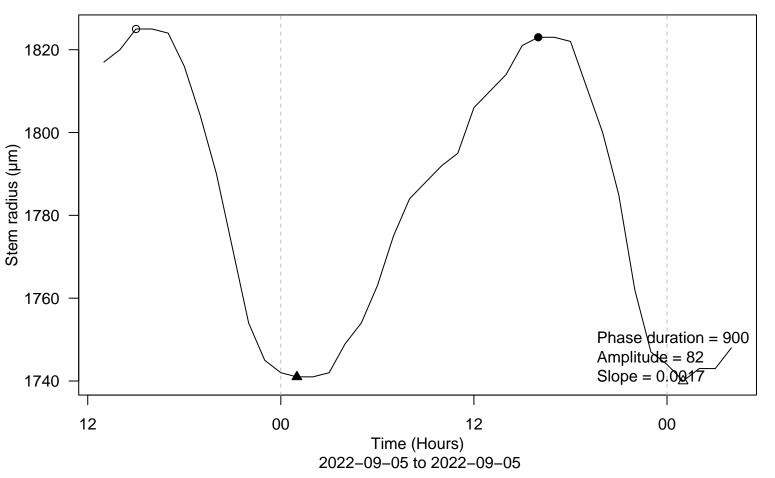
133 Expansion



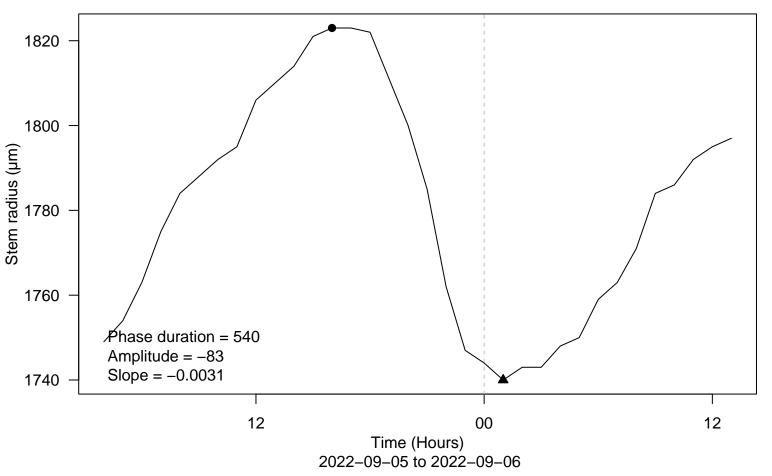
133 **Shrinkage** 1820 -1800 Stem radius (µm) 1780 1760 -Phase duration = 600 Amplitude = -84Slope = -0.00291740 12 00 12 Time (Hours)

2022-09-04 to 2022-09-05

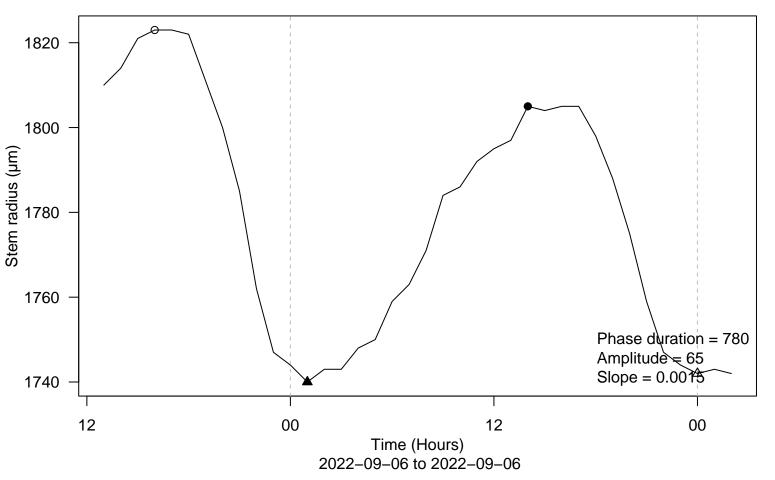
133 Expansion



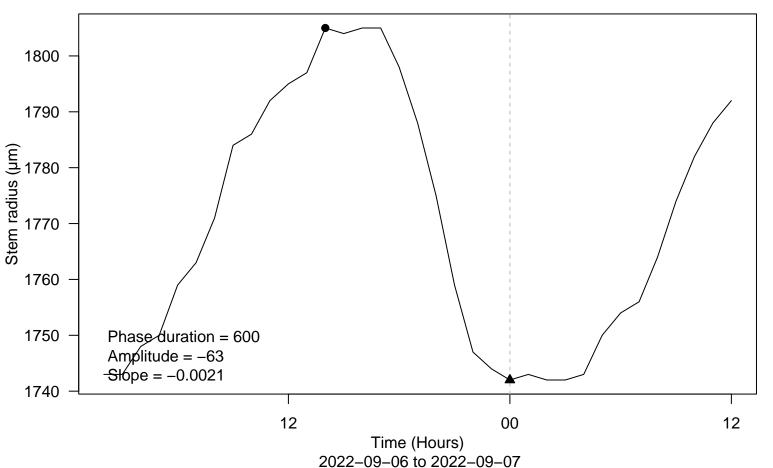
133 Shrinkage



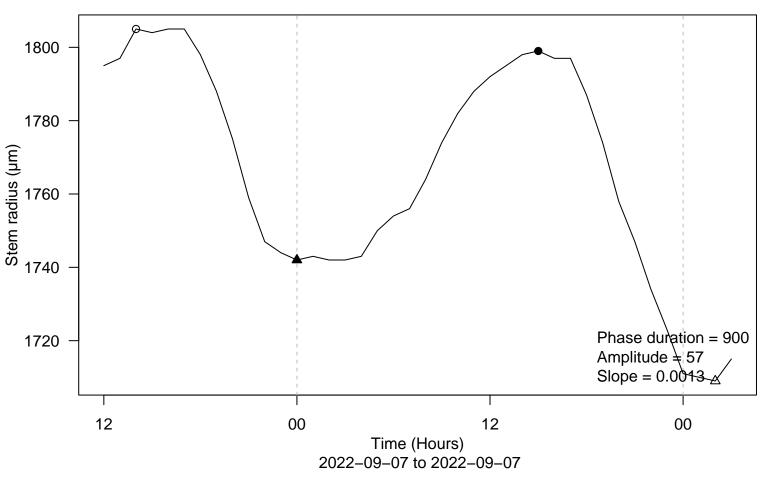
133 Expansion



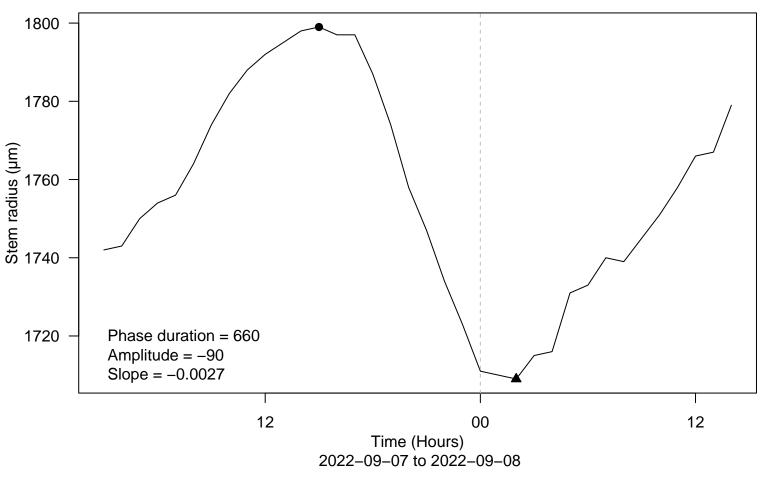
133 Shrinkage



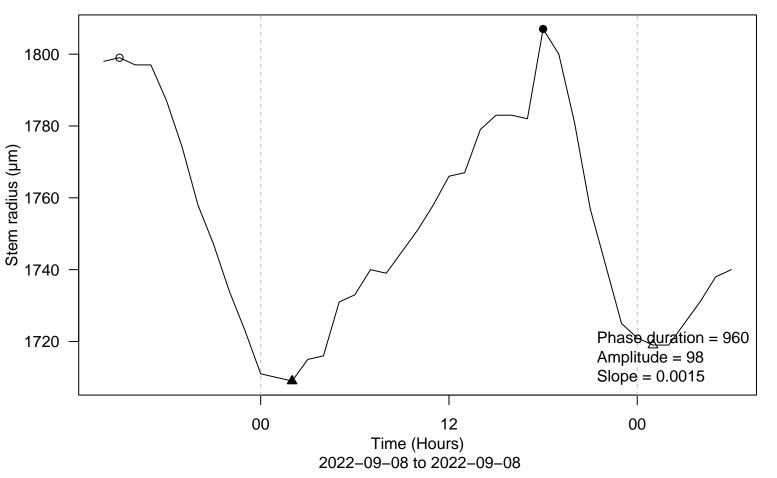
133 Expansion



133 Shrinkage



133 Expansion



133 **Shrinkage** 1800 -Stem radius (µm) 17 17 180 1740 Phase duration = 420 Amplitude = -88Slope = -0.0041720

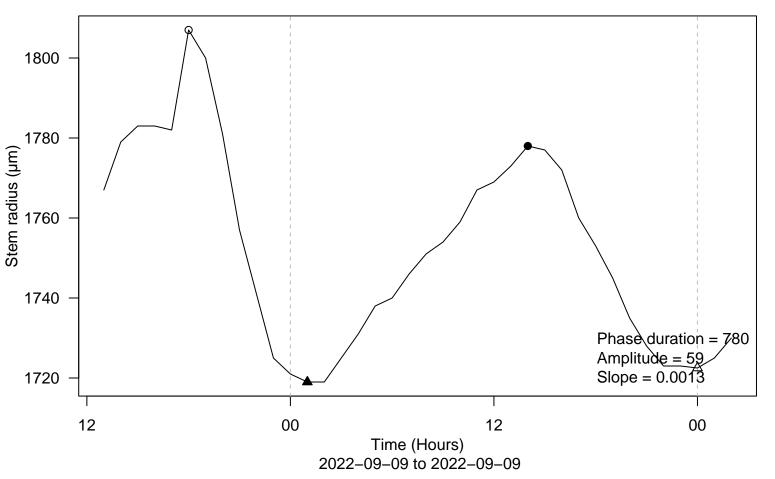
00

Time (Hours) 2022-09-08 to 2022-09-09

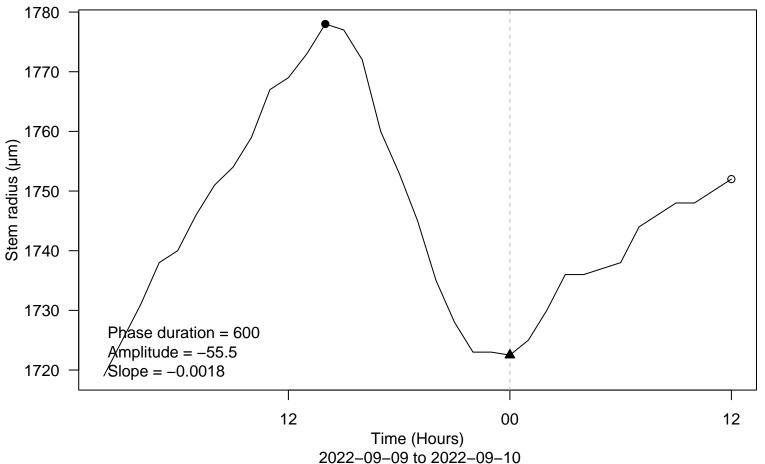
12

12

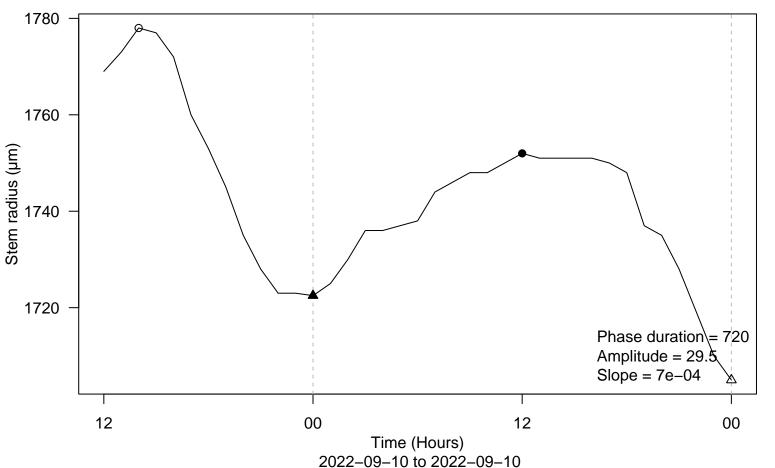
133 Expansion



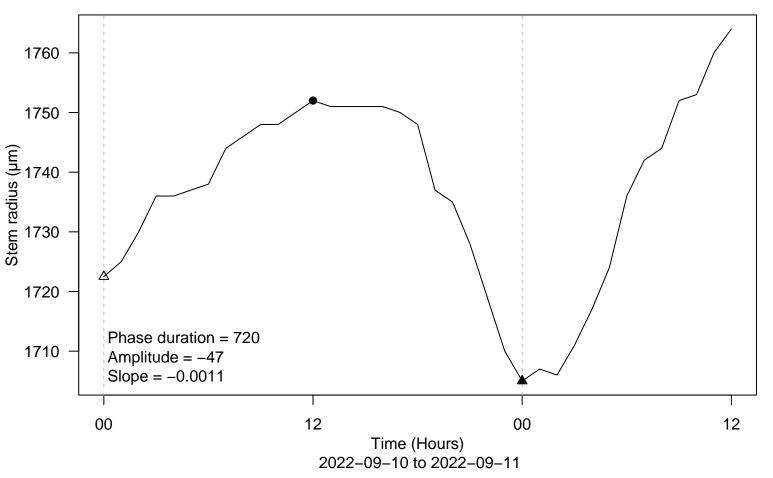
133 Shrinkage



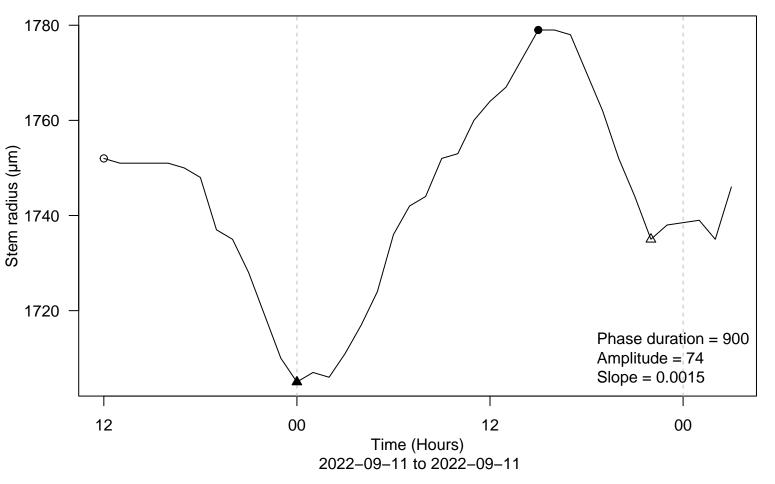
133 Expansion



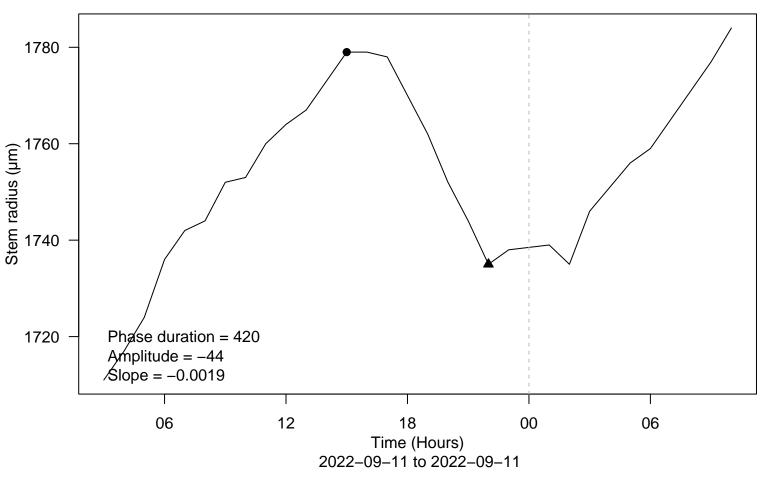
133 Shrinkage



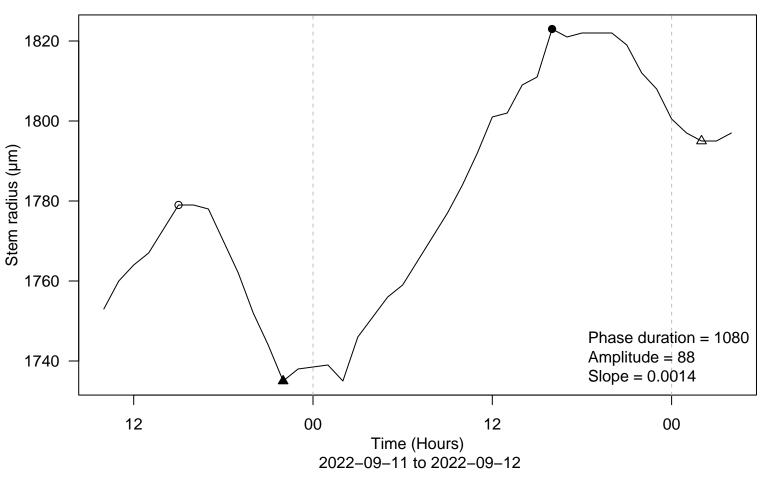
133 Expansion



133 Shrinkage



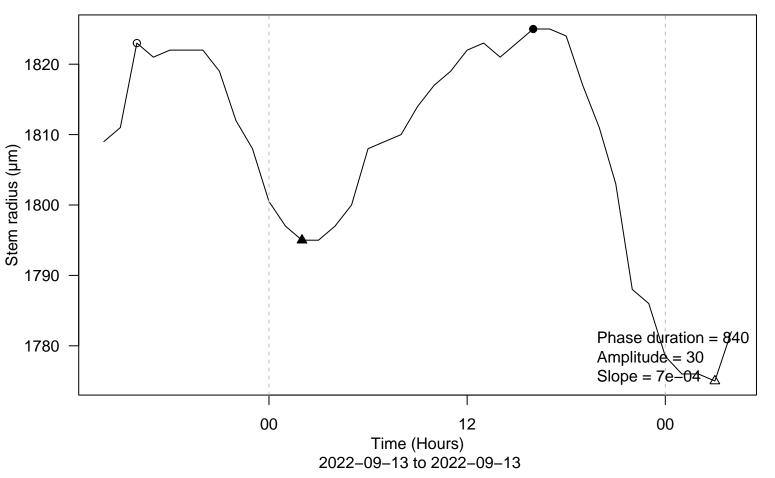
133 Expansion



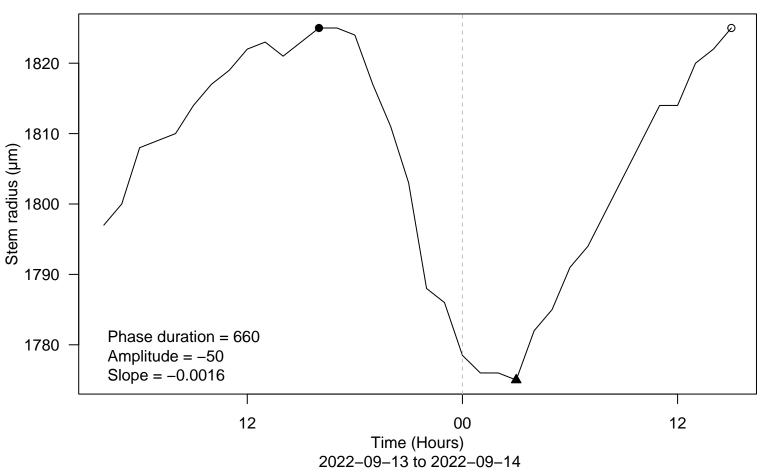
133 **Shrinkage** 1820 1810 -Stem radius (µm) 1790 1780 1770 -1760 -Phase duration = 600 Amplitude = -28 $\sqrt{\text{Slope}} = -9e-04$ 1750 12 00 12 Time (Hours)

2022-09-12 to 2022-09-13

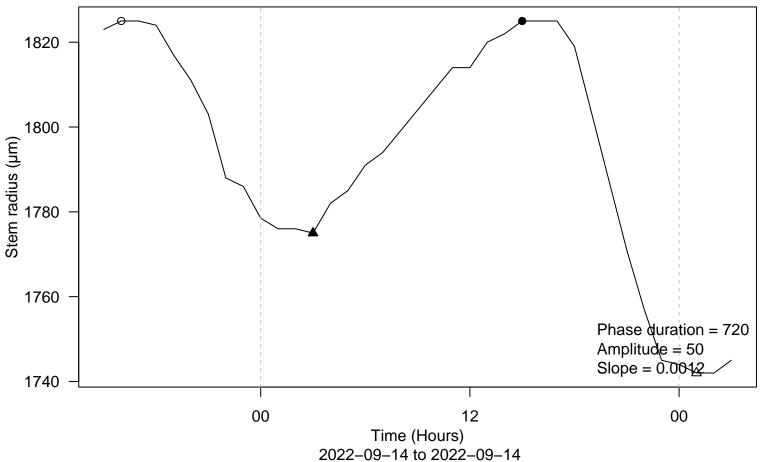
133 Expansion



133 Shrinkage

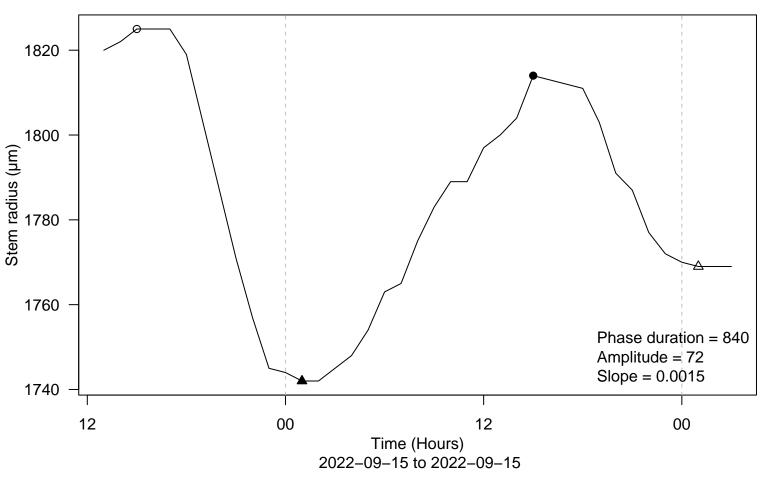


133 Expansion



133 **Shrinkage** 1820 -1800 Stem radius (µm) 1780 1760 Phase duration = 600 Amplitude = -83Slope = -0.00291740 12 00 12 Time (Hours) 2022-09-14 to 2022-09-15

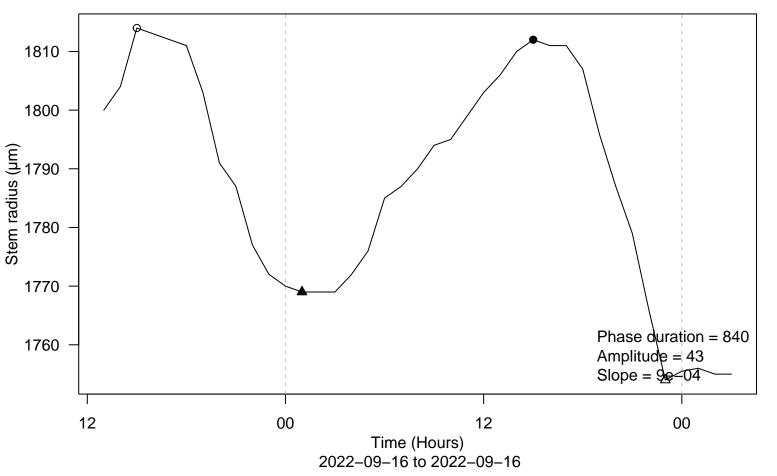
133 Expansion



133 Shrinkage 1810 -1800 -Stem radius (hm) 1790 -1760 Phase duration = 600 1750 Amplitude = -45 $8 \log = -0.0015$ 12 00 12 Time (Hours)

2022-09-15 to 2022-09-16

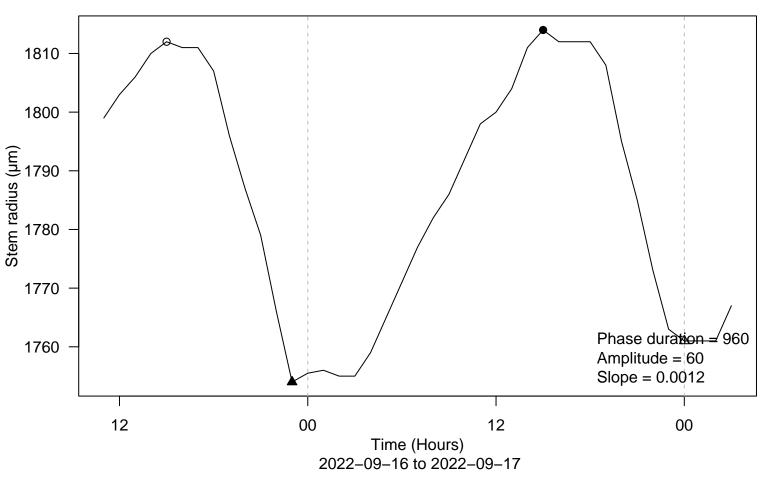
133 Expansion



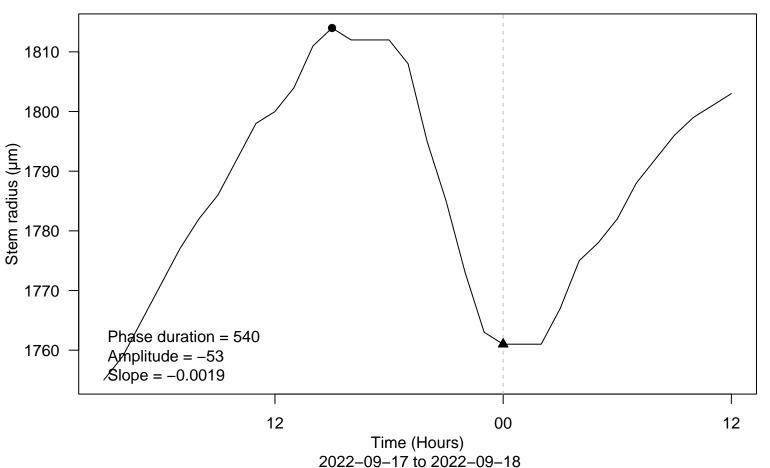
133 **Shrinkage** 1810 -1800 Stem radius (µm) 1790 1780 1770 Phase duration = 480 1760 Amplitude = -58Slope = -0.002112 00 12 Time (Hours)

2022-09-16 to 2022-09-16

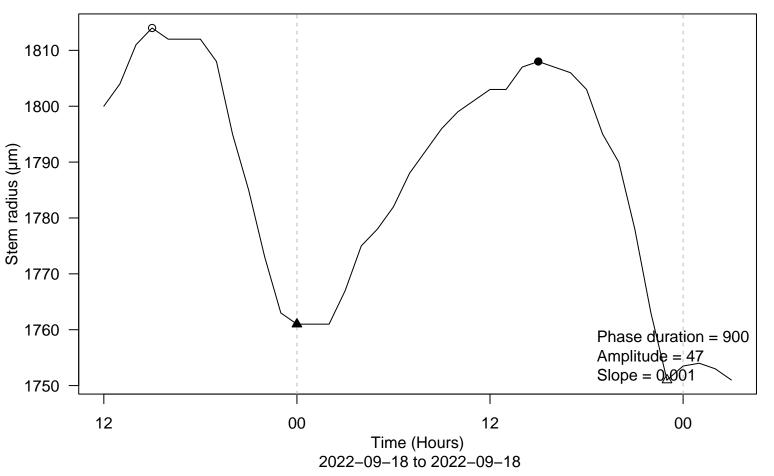
133 Expansion



133 Shrinkage



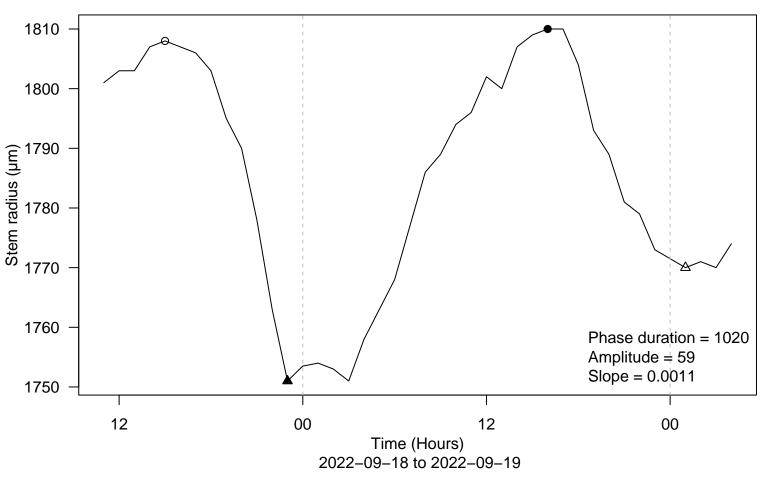
133 Expansion



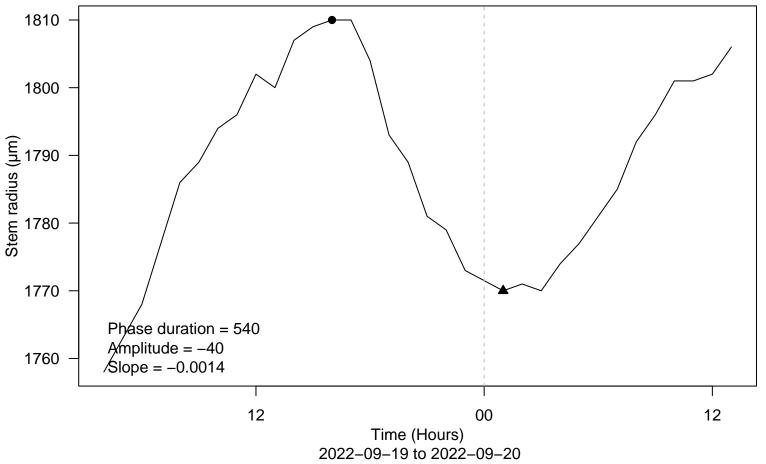
133 **Shrinkage** 1810 1800 -(hm) 276 - 1780 - 1780 - 1770 1760 Phase duration = 480 Amplitude = -57Slope = -0.0021750 12 00 12 Time (Hours)

2022-09-18 to 2022-09-18

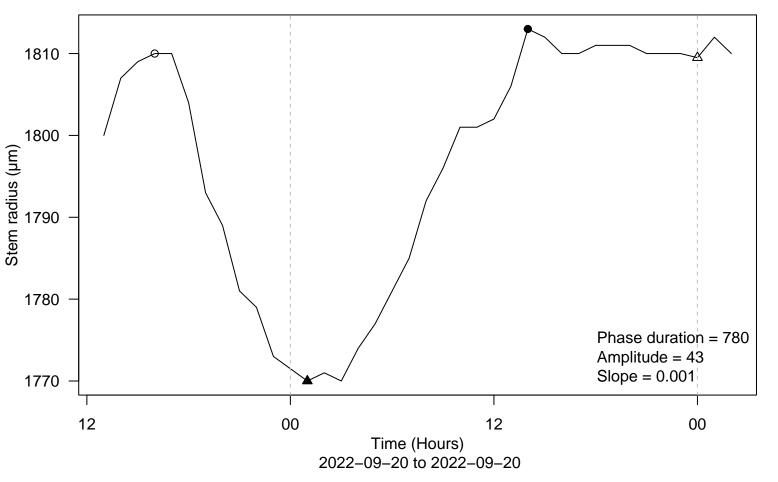
133 Expansion



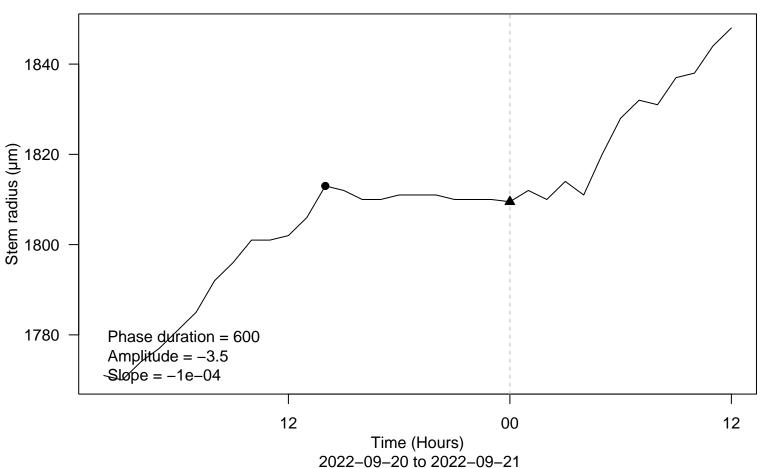
133 Shrinkage



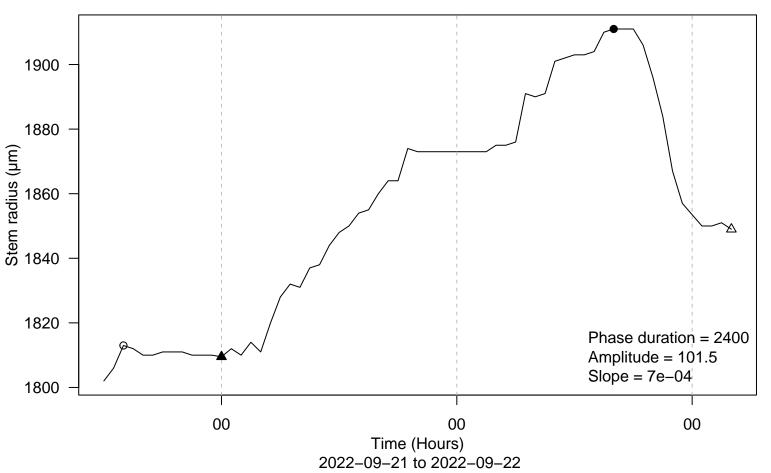
133 Expansion



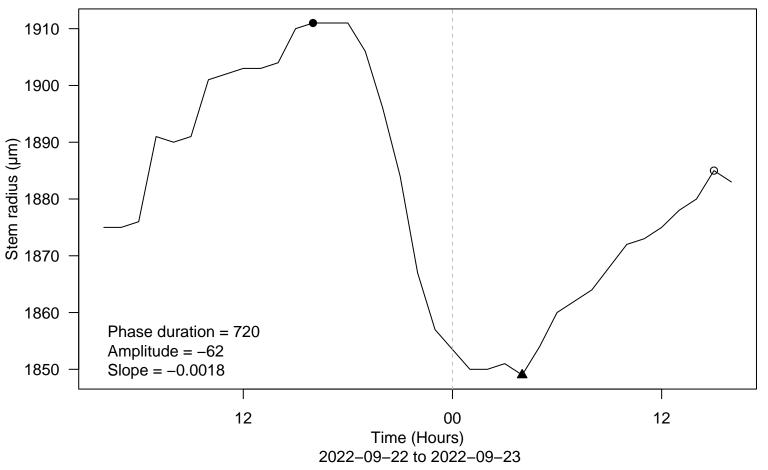
133 Shrinkage



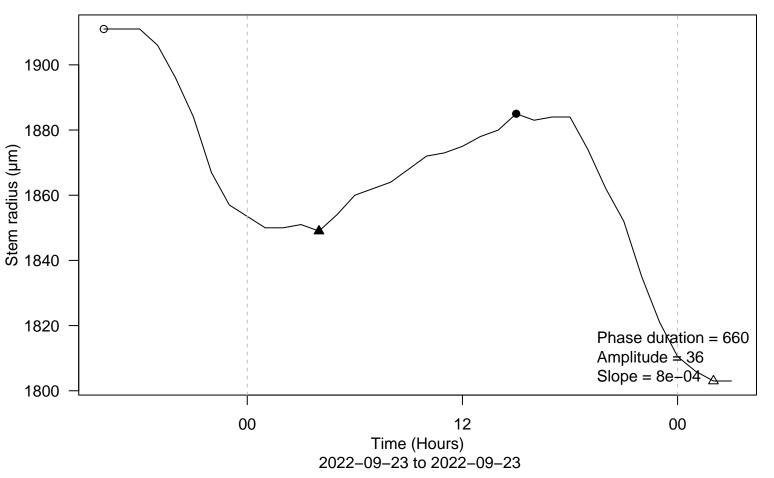
133 Expansion



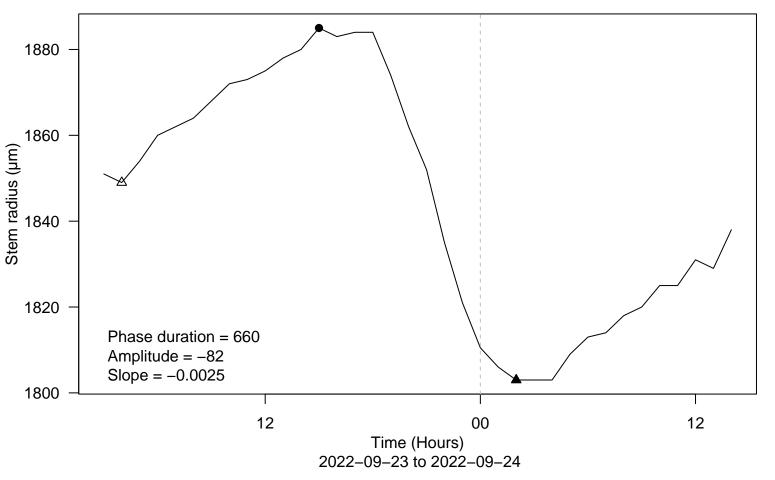
133 Shrinkage



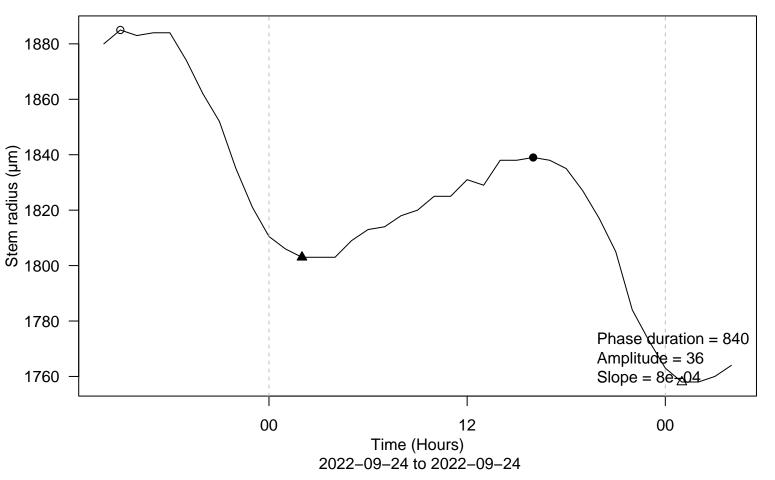
133 Expansion



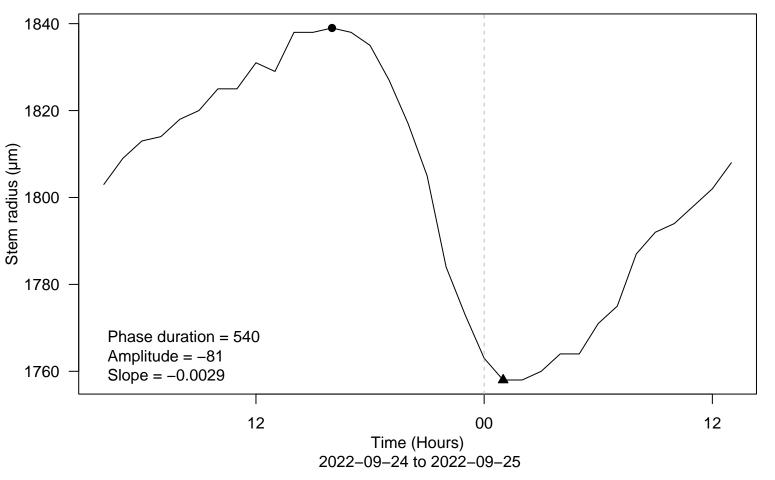
133 Shrinkage



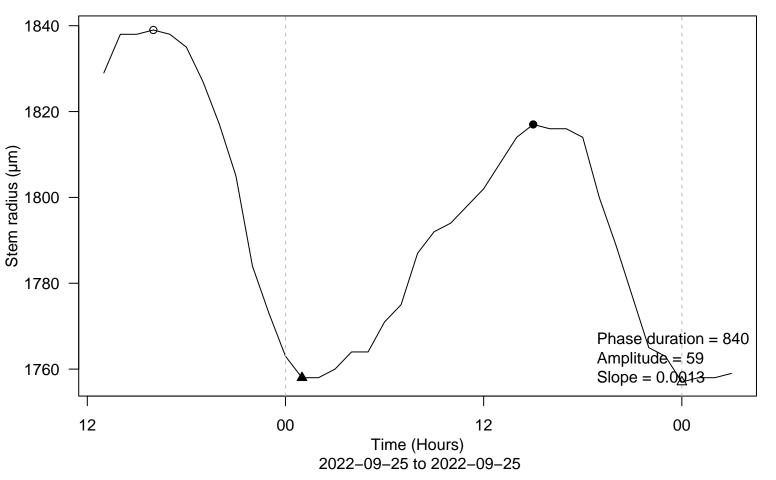
133 Expansion



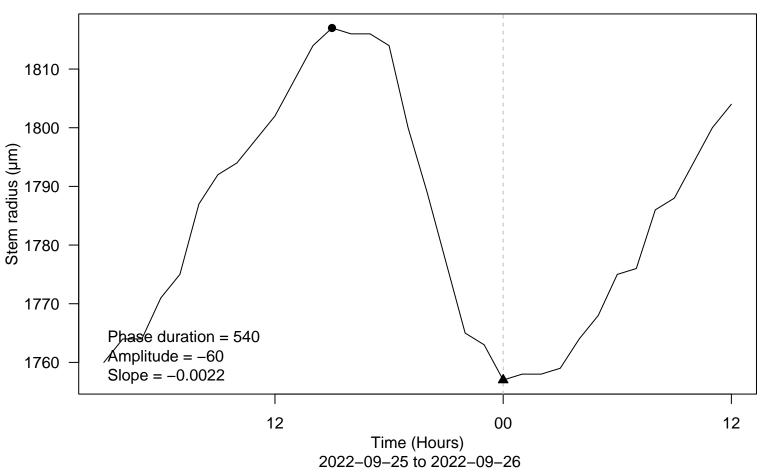
133 Shrinkage



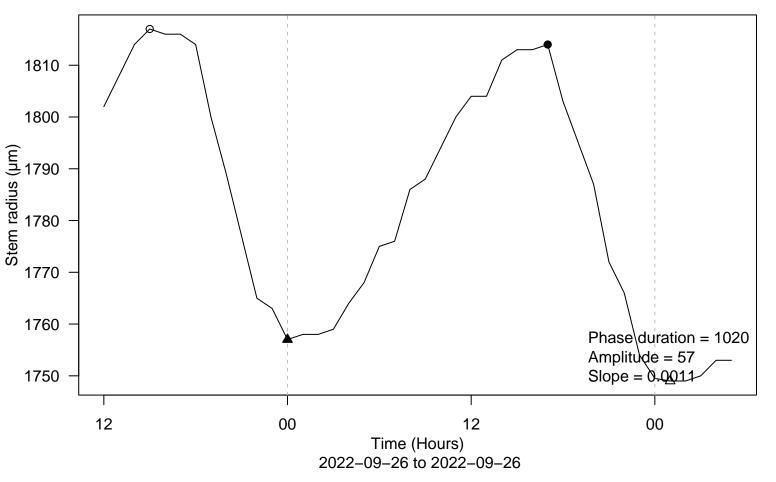
133 Expansion



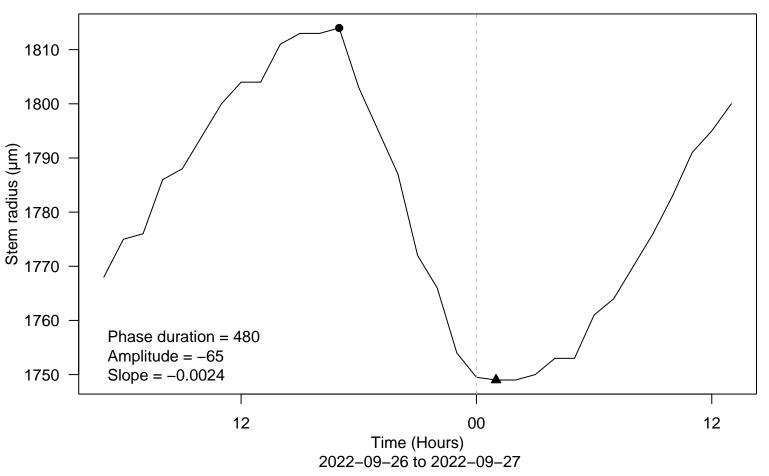
133 Shrinkage



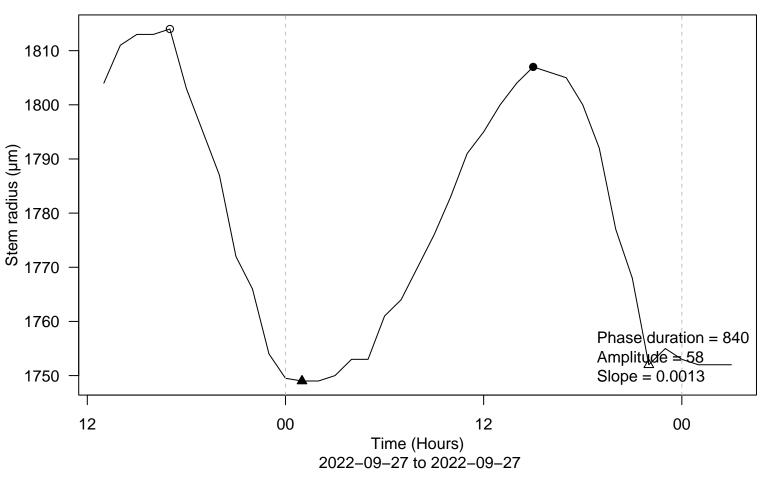
133 Expansion



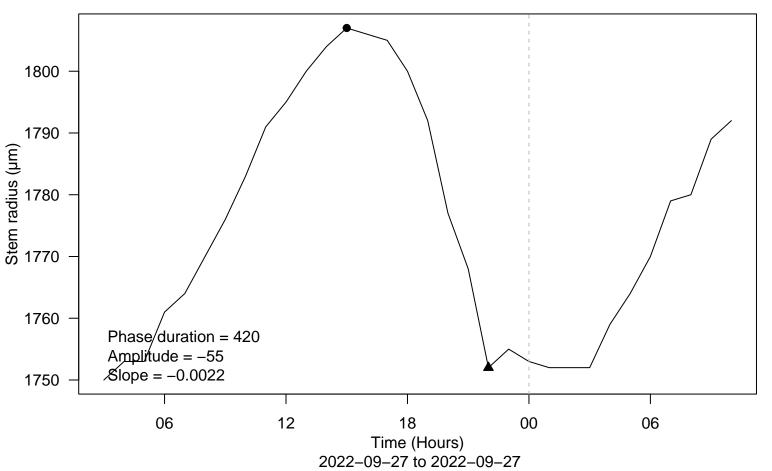
133 Shrinkage



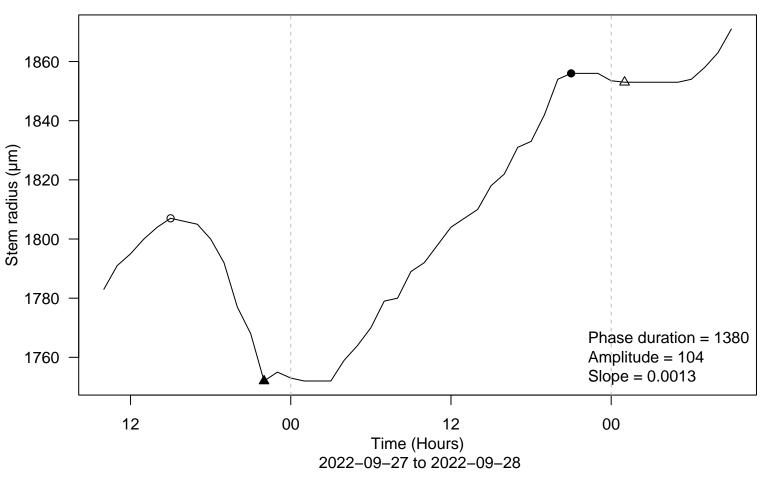
133 Expansion



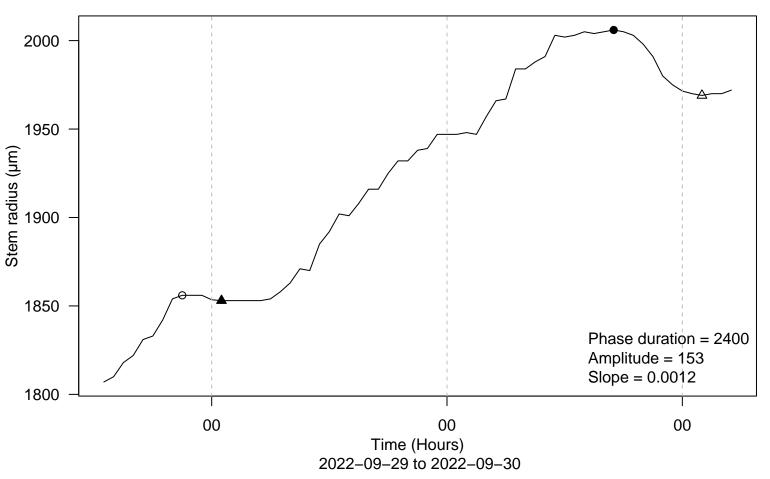
133 Shrinkage



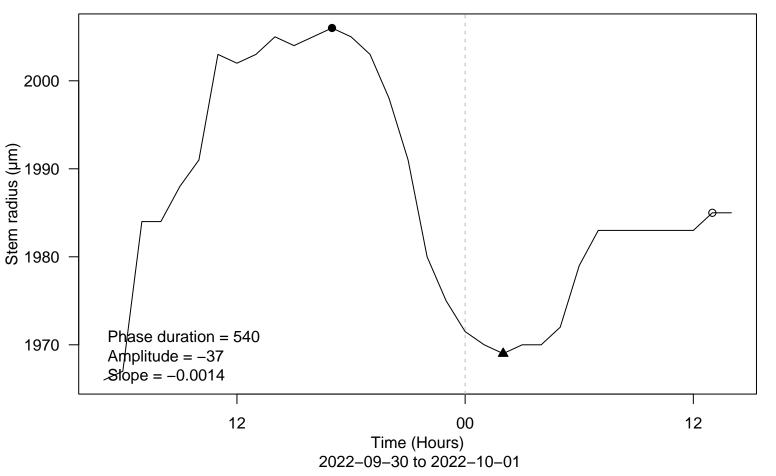
133 Expansion



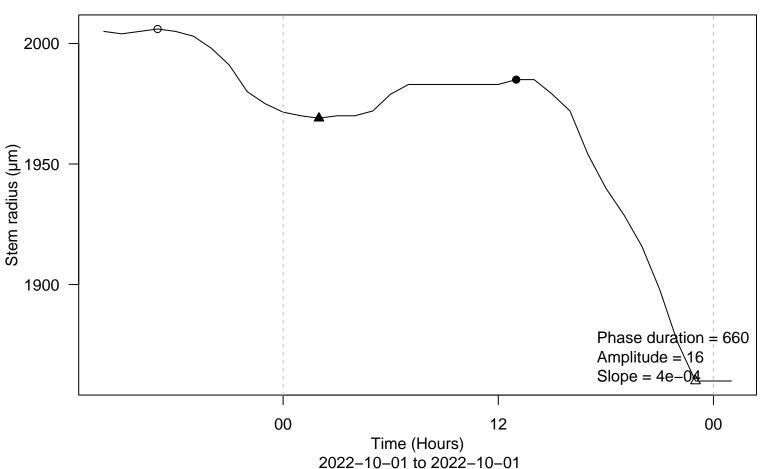
133 Expansion



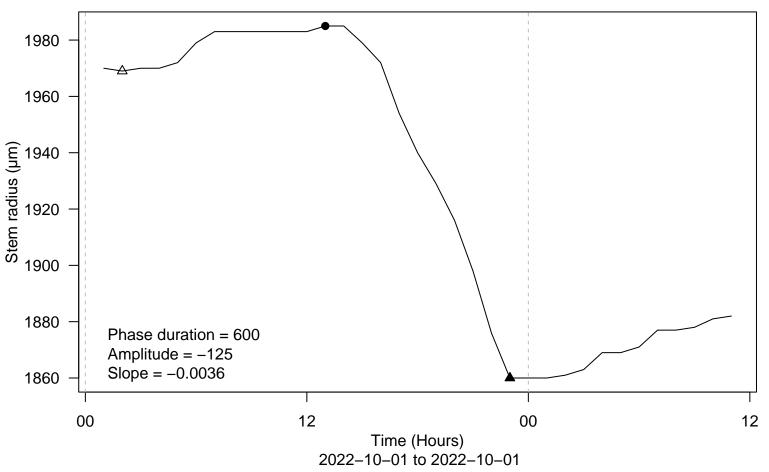
133 Shrinkage



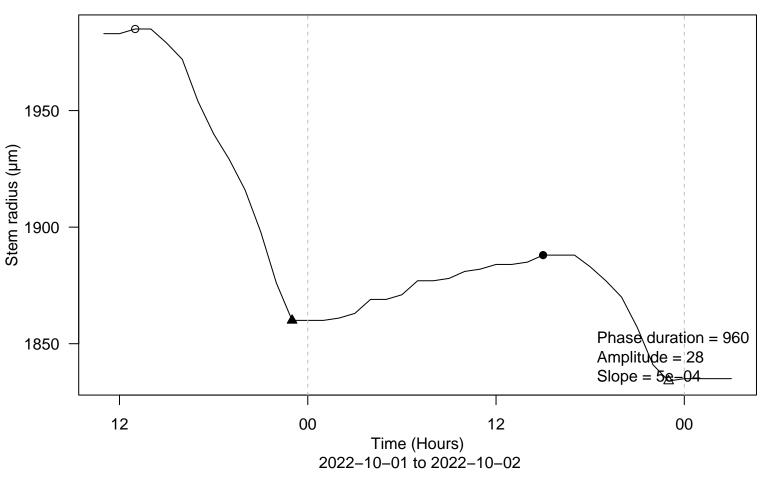
133 Expansion

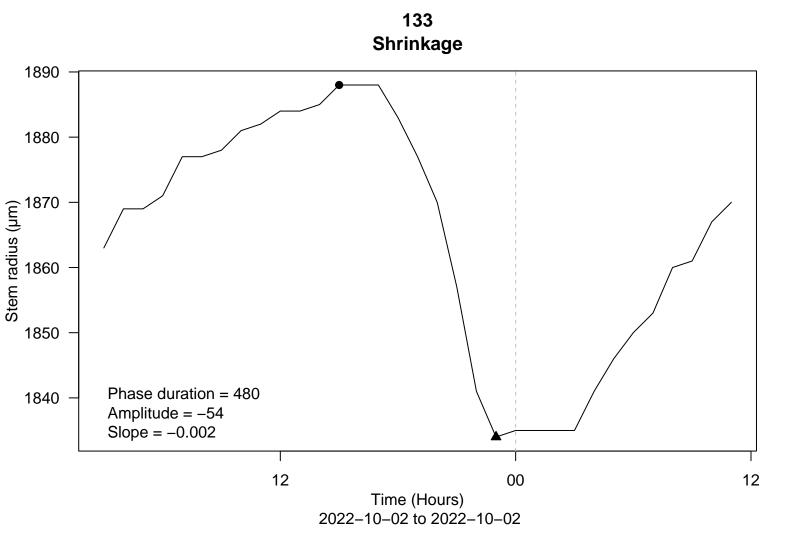


133 Shrinkage

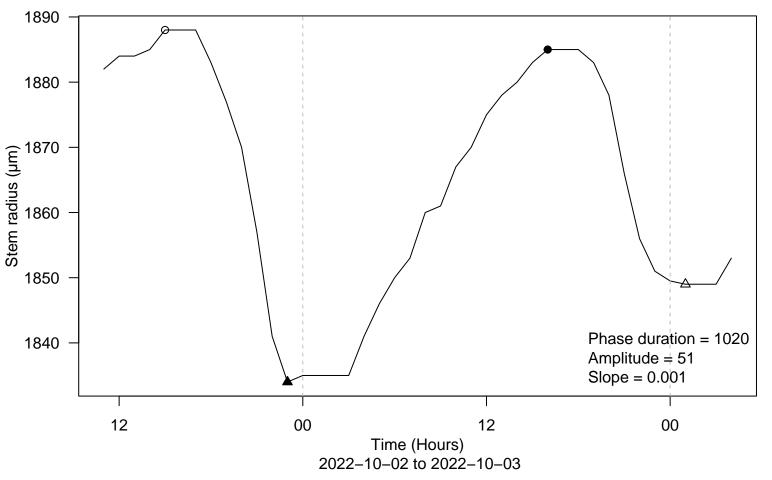


133 Expansion

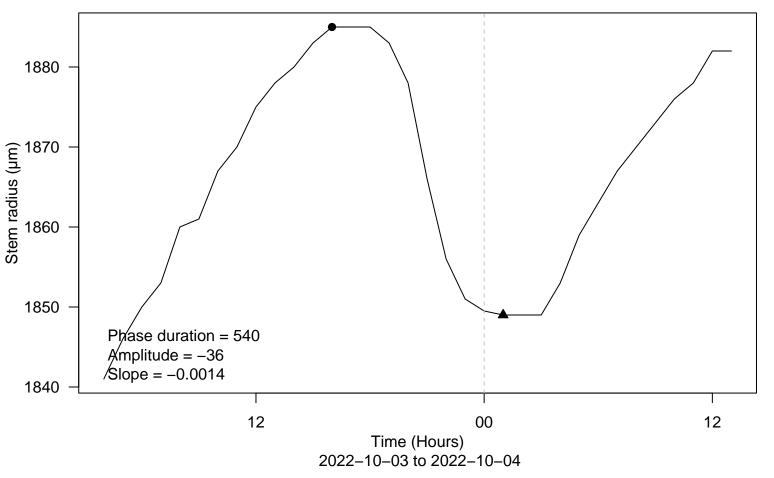




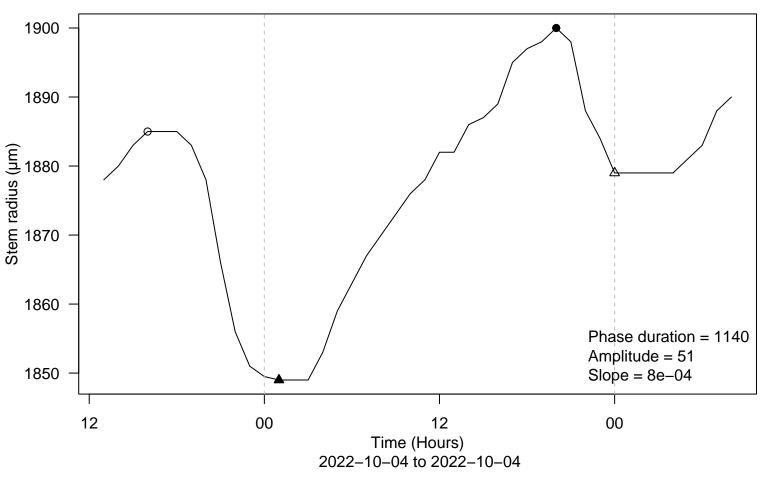
133 Expansion



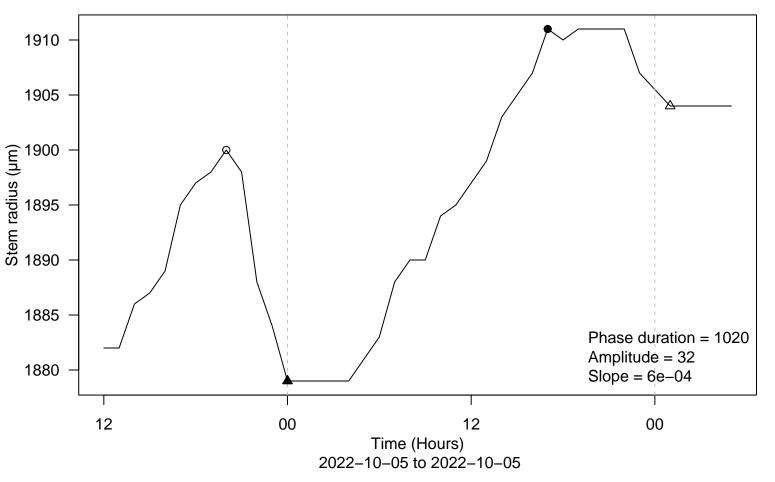
133 Shrinkage



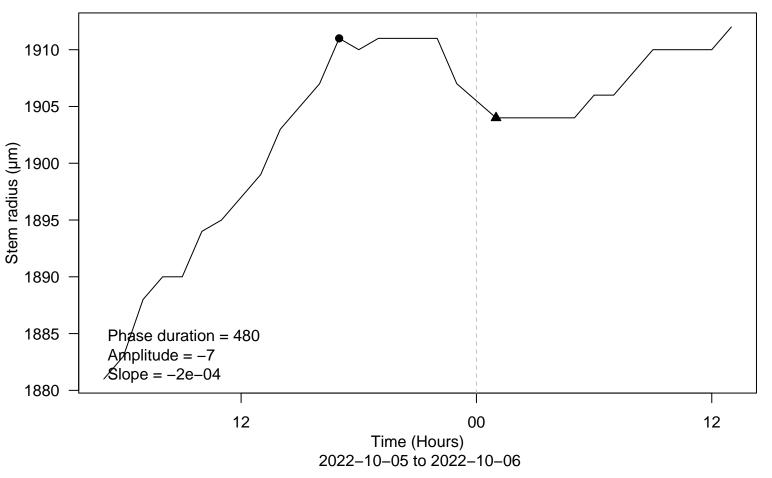
133 Expansion



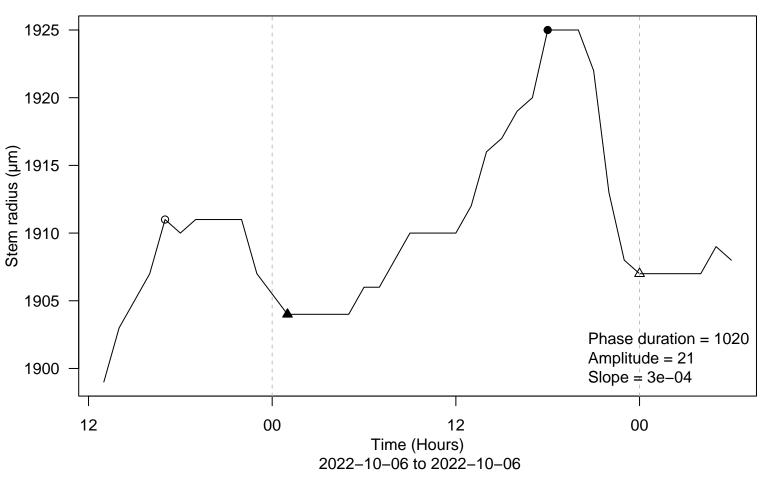
133 Expansion



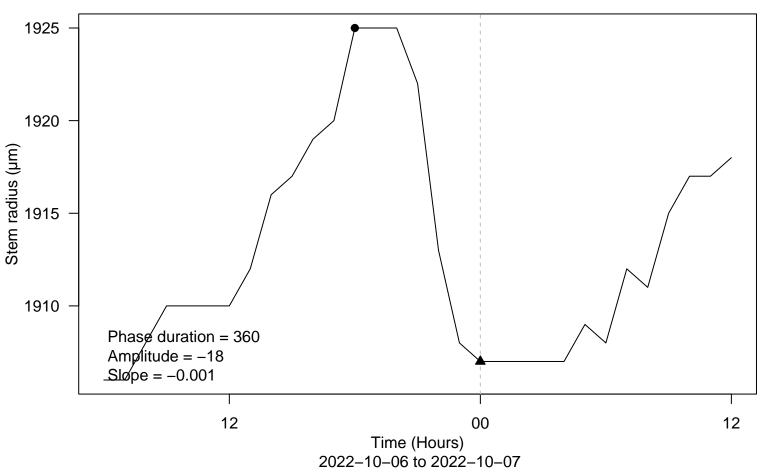
133 Shrinkage



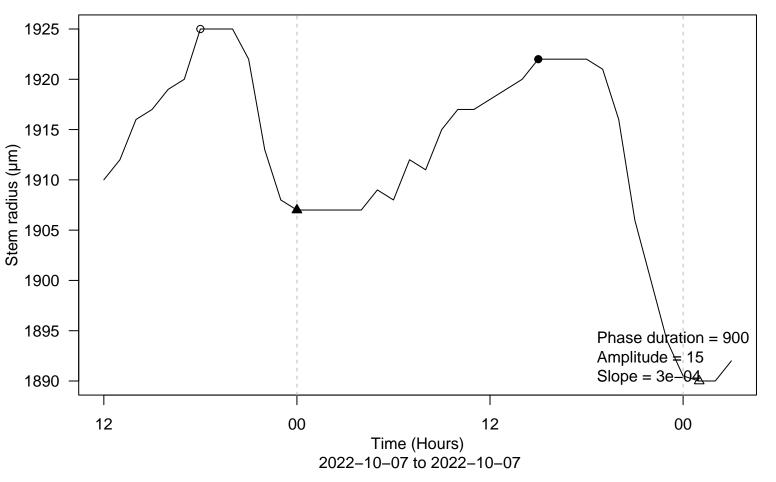
133 Expansion



133 Shrinkage



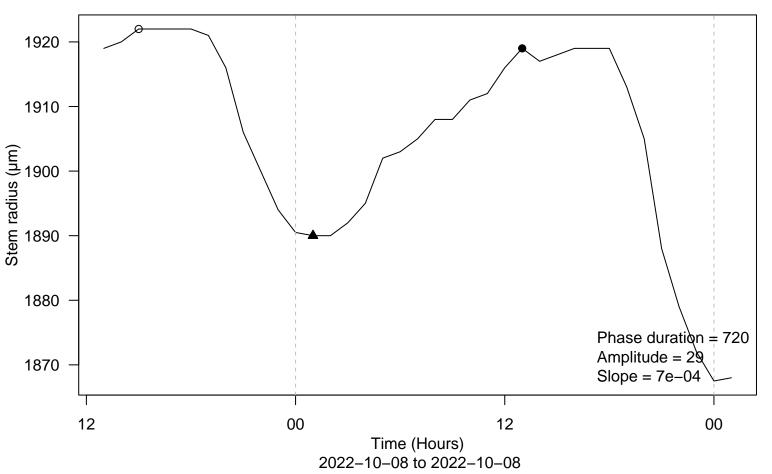
133 Expansion



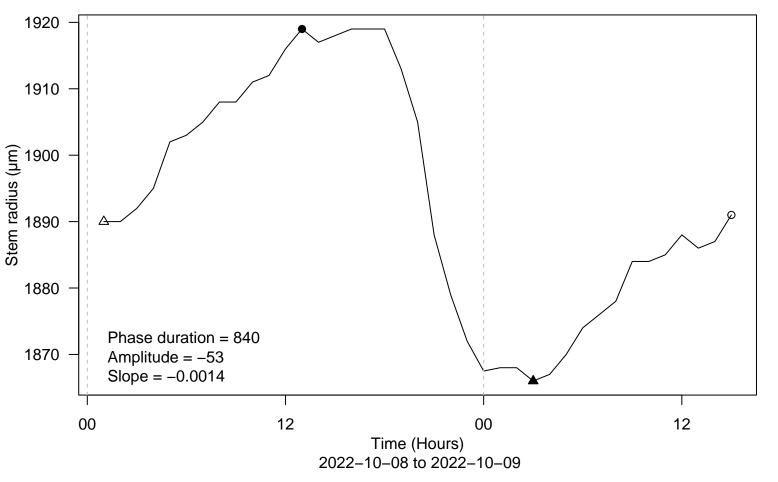
133 **Shrinkage** 1920 1915 -Stem radius (µm) 2061 2061 2061 1900 -1895 -Phase duration = 600 Amplitude = -32Slope = -0.00111890 12 00 12 Time (Hours)

2022-10-07 to 2022-10-08

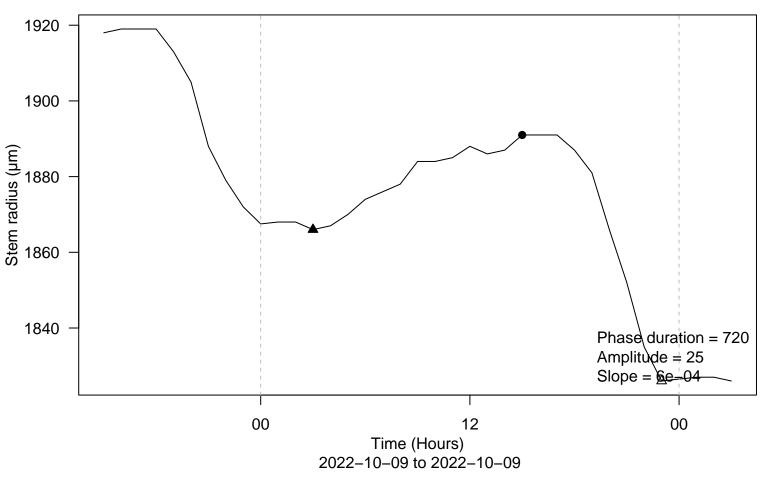
133 Expansion



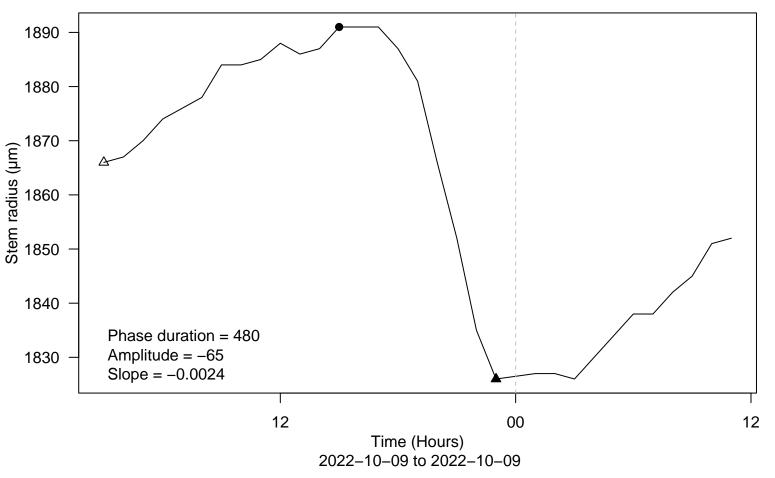
133 Shrinkage



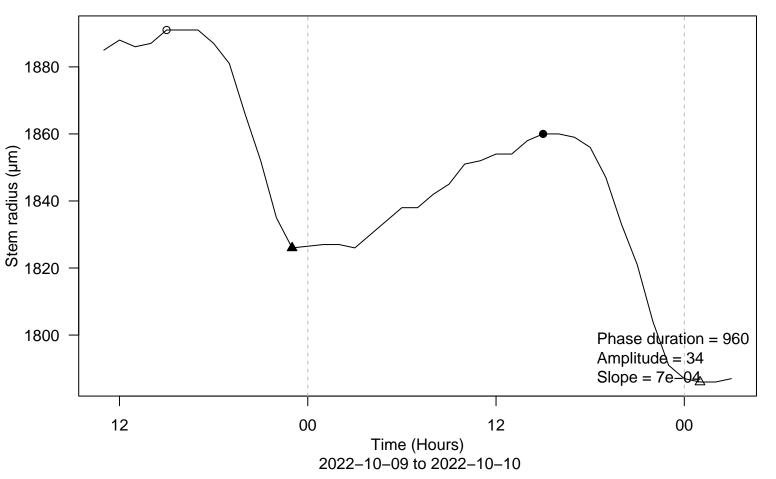
133 Expansion



133 Shrinkage



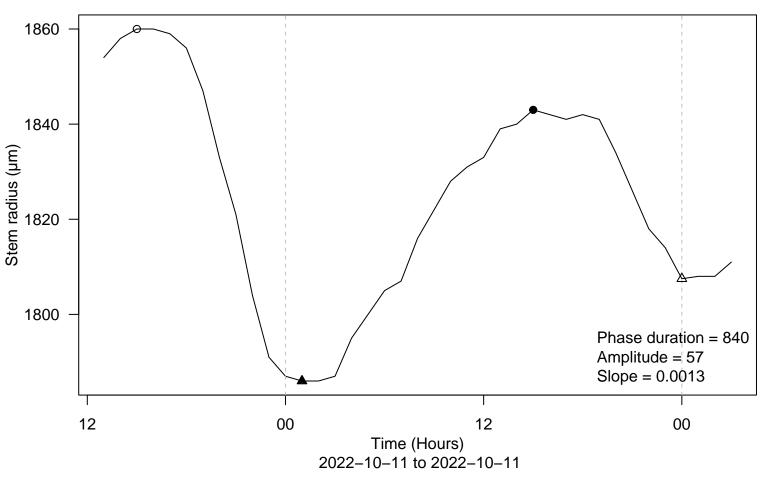
133 Expansion



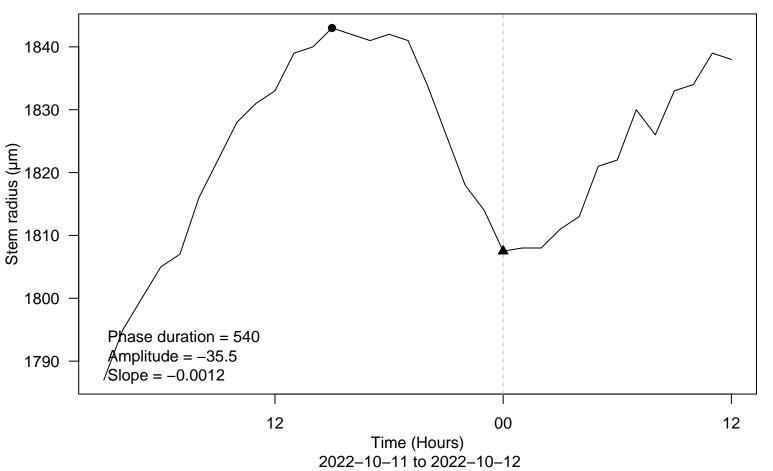
133 **Shrinkage** 1860 -1840 -Stem radius (µm) 028 00 1800 -Phase duration = 600 Amplitude = -74Slope = -0.002512 00 12 Time (Hours)

2022-10-10 to 2022-10-11

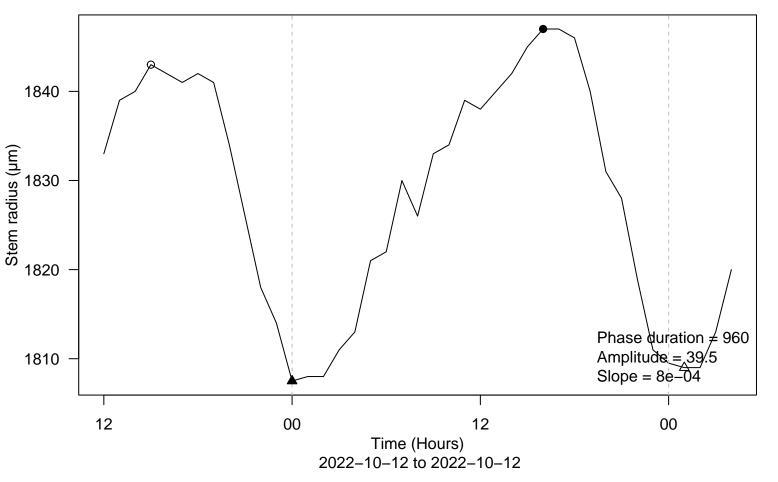
133 Expansion



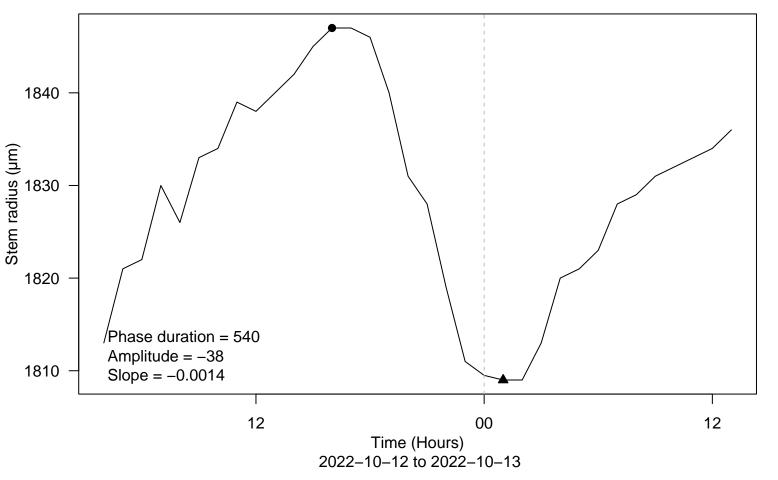
133 Shrinkage



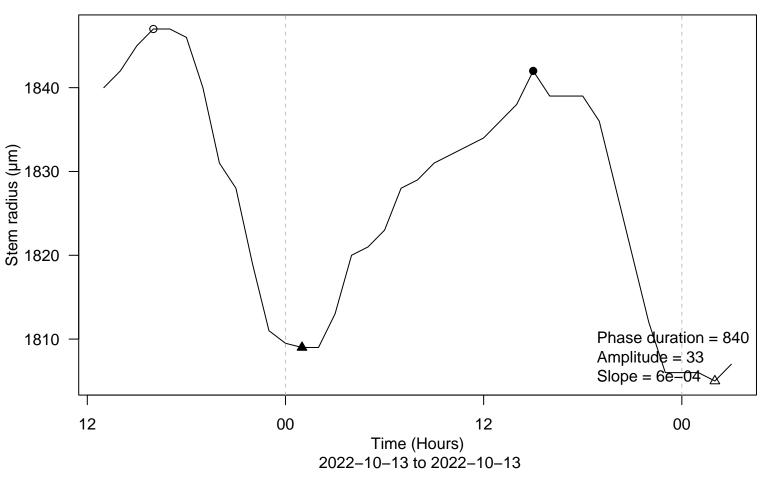
133 Expansion



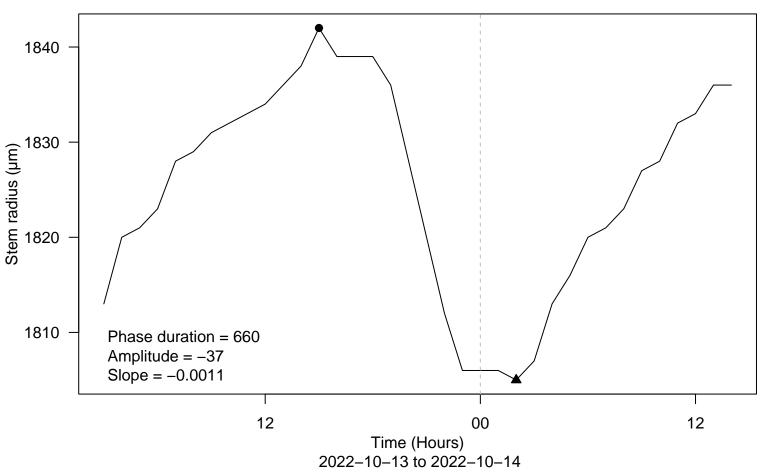
133 Shrinkage



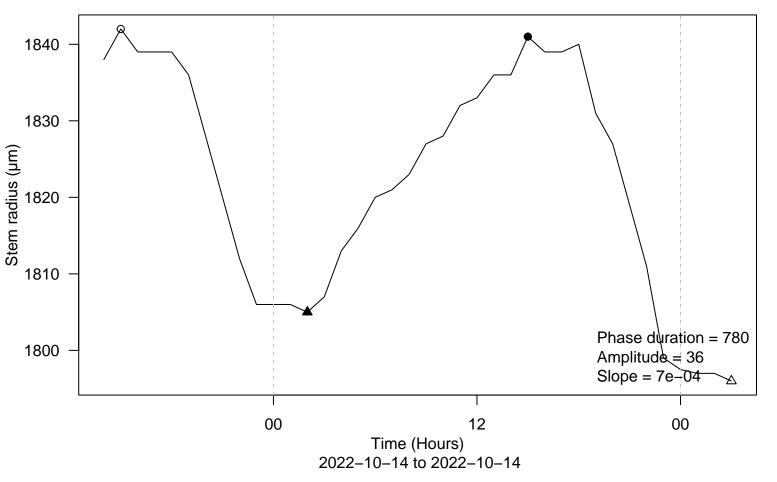
133 Expansion



133 Shrinkage

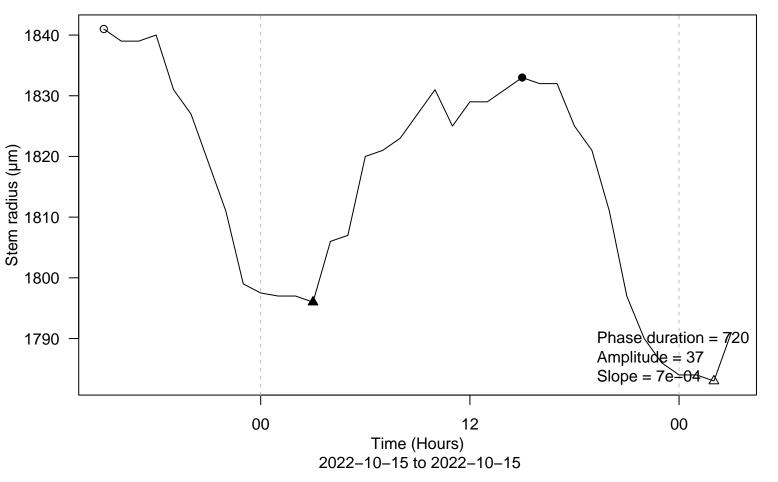


133 Expansion

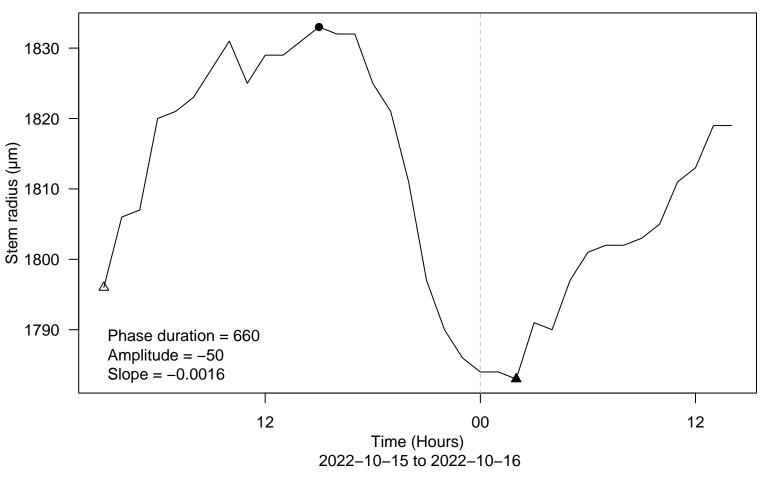


133 **Shrinkage** 1840 1830 -Stem radius (µm) 1820 1810 Phase duration = 720 1800 Amplitude = -45Slope = -0.001312 00 12 Time (Hours) 2022-10-14 to 2022-10-15

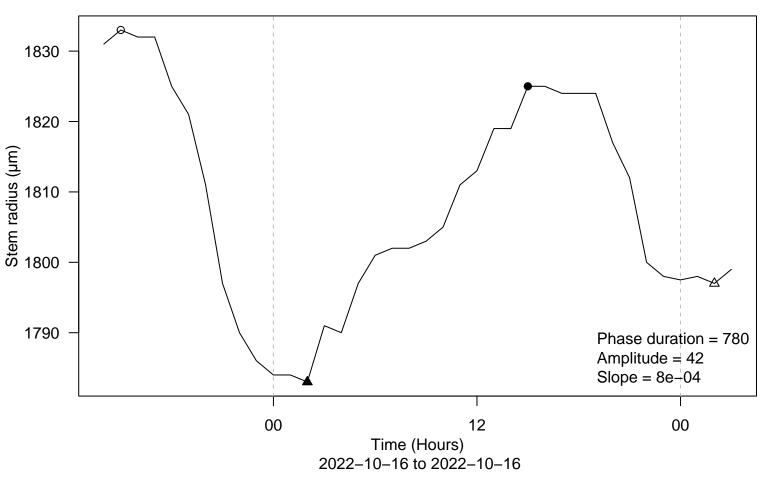
133 Expansion



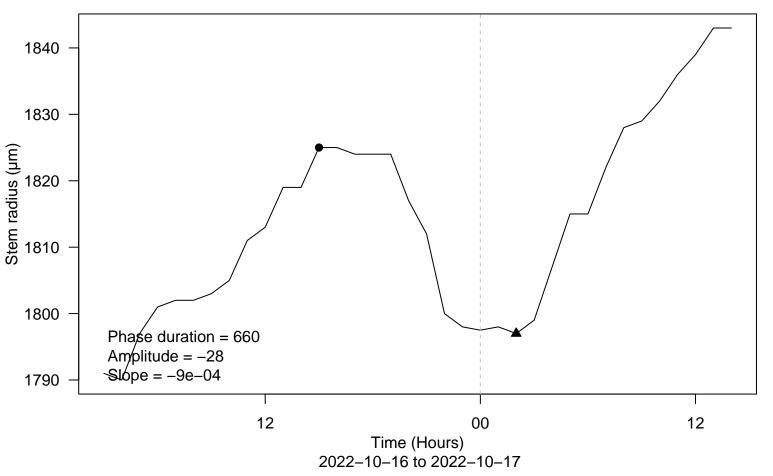
133 Shrinkage



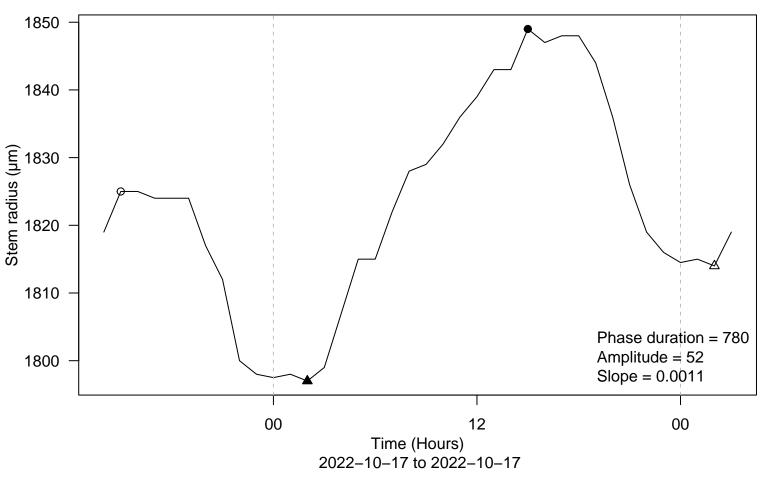
133 Expansion



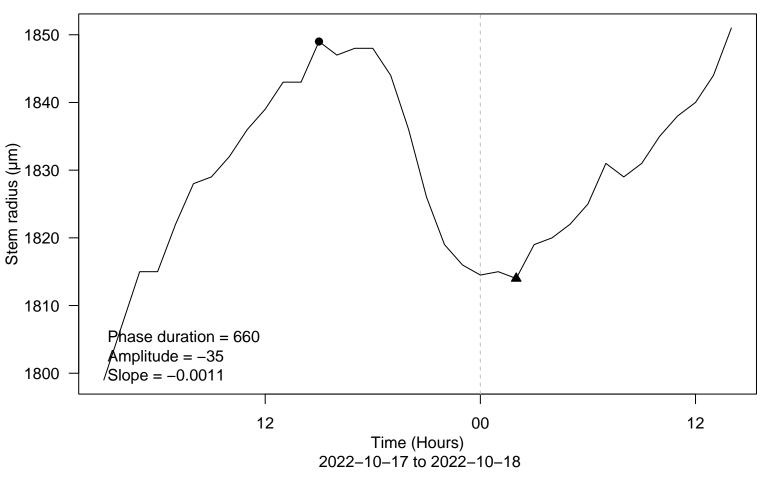
133 Shrinkage



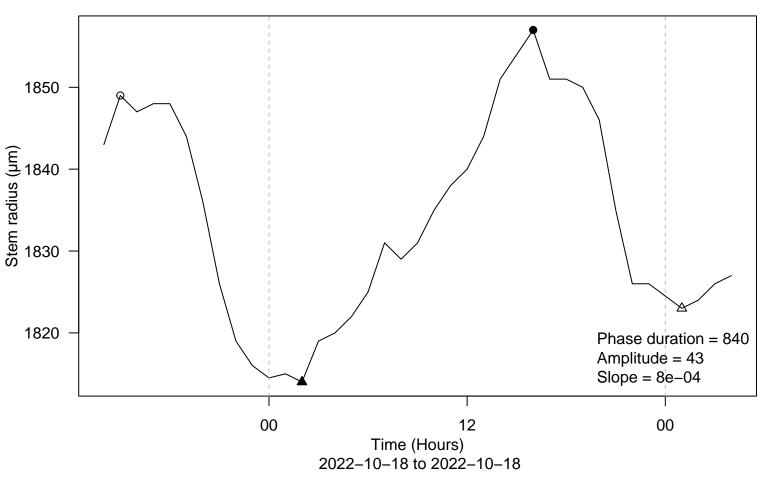
133 Expansion



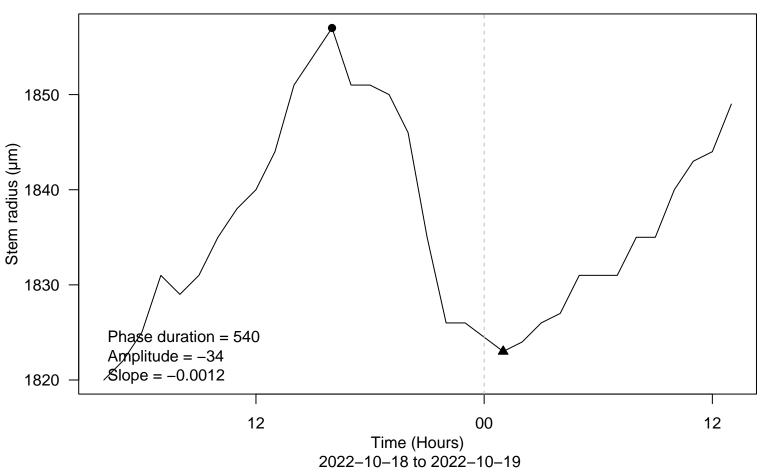
133 Shrinkage



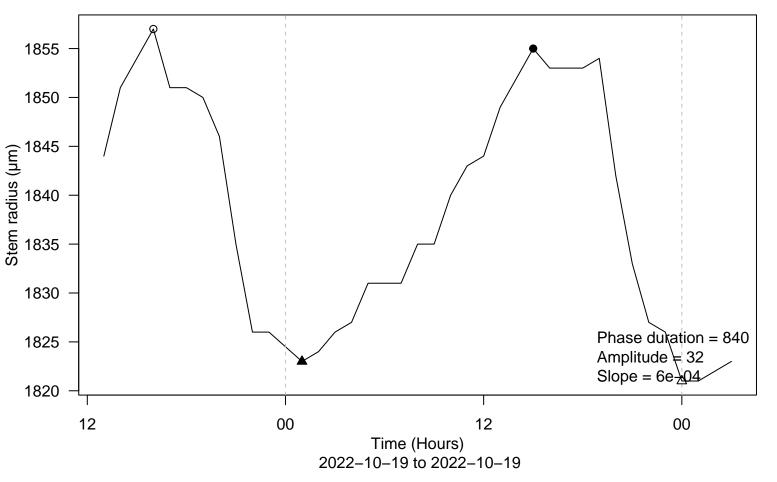
133 Expansion



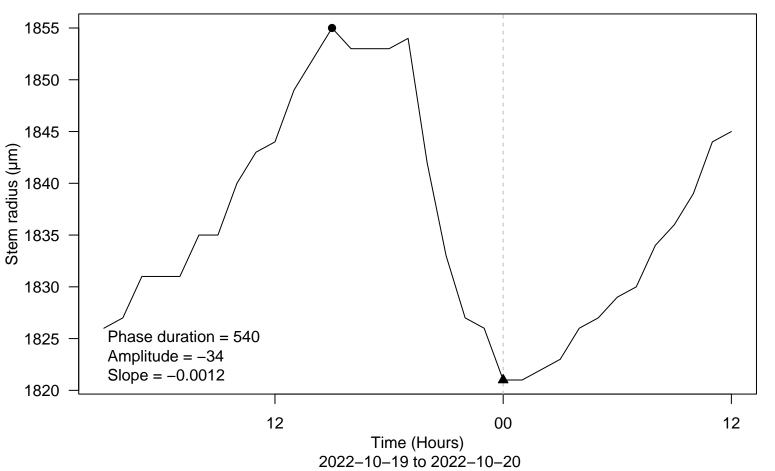
133 Shrinkage



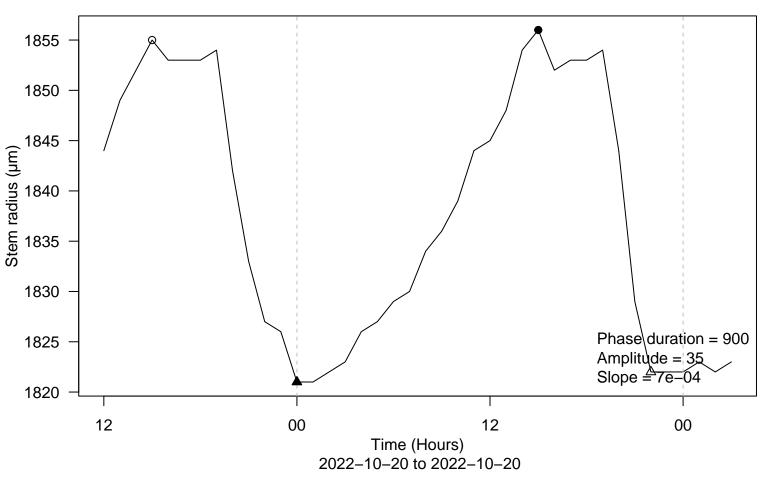
133 Expansion



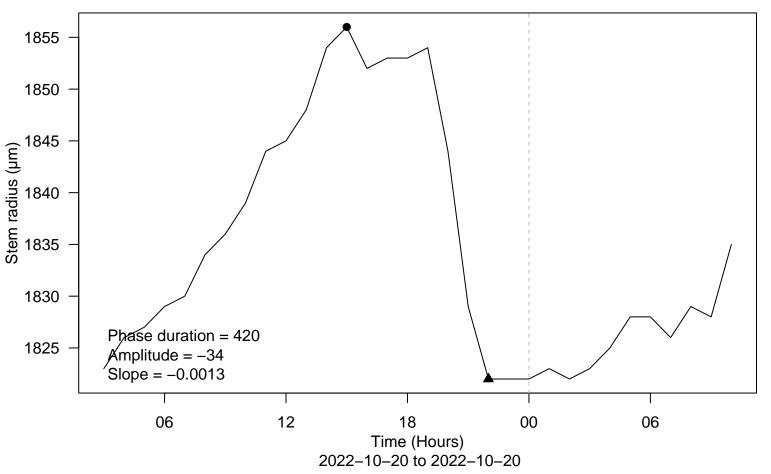
133 Shrinkage



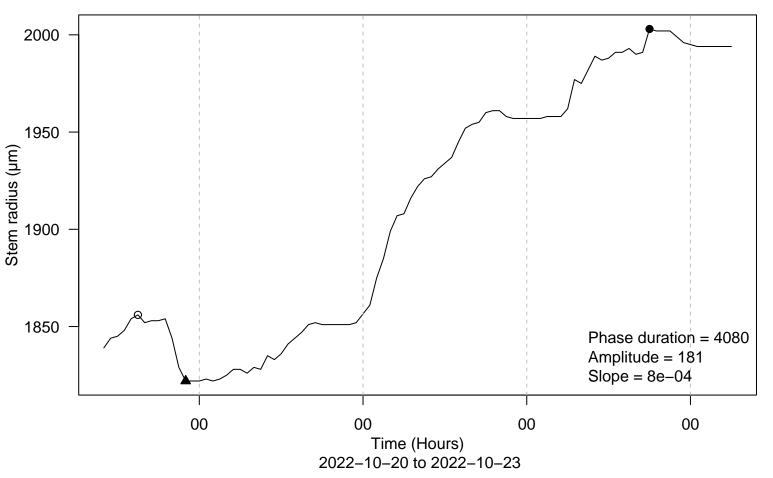
133 Expansion



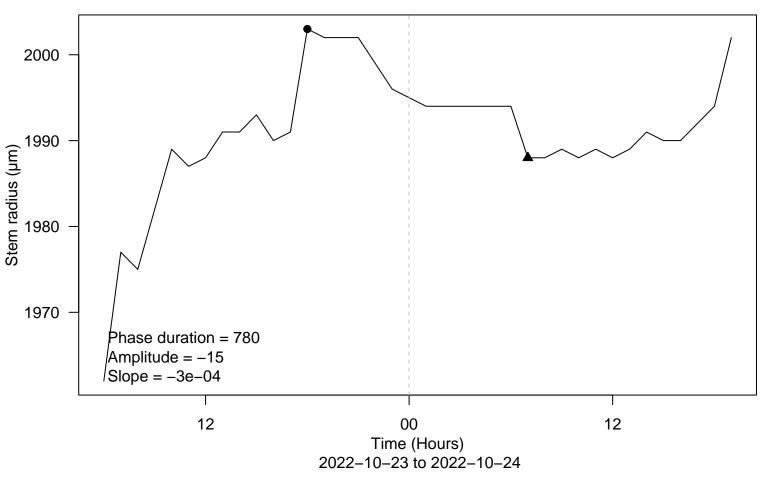
133 Shrinkage



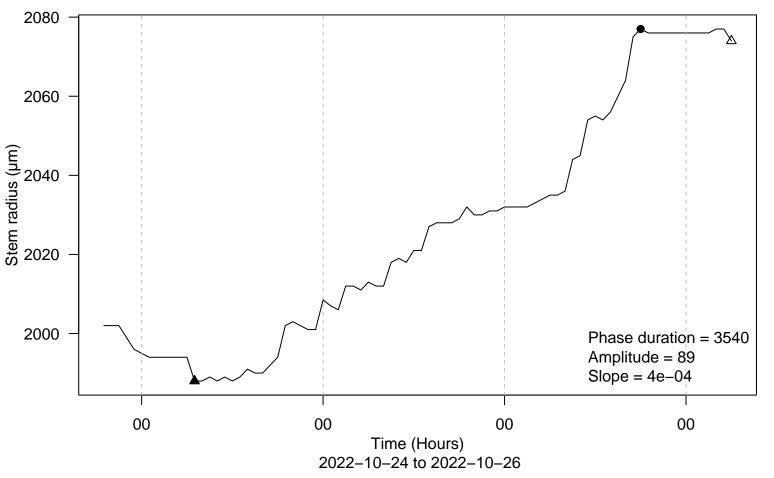
133 Expansion



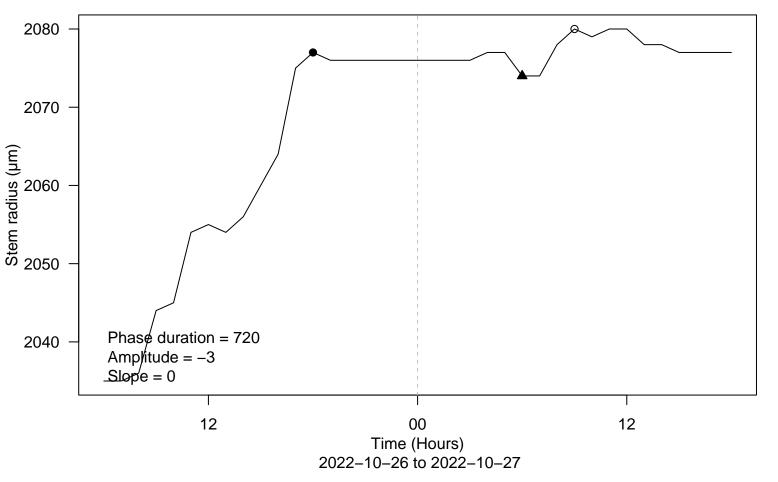
133 Shrinkage



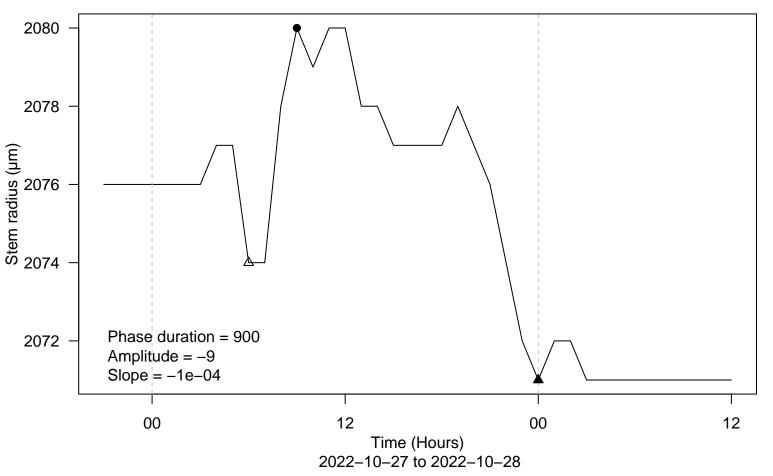
133 Expansion



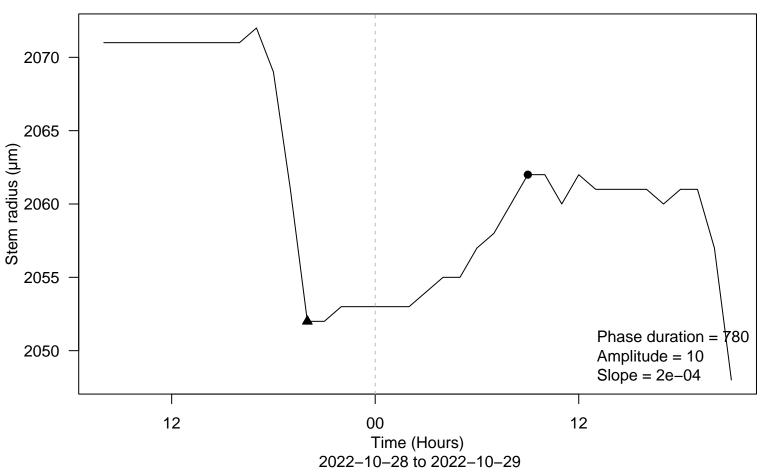
133 Shrinkage



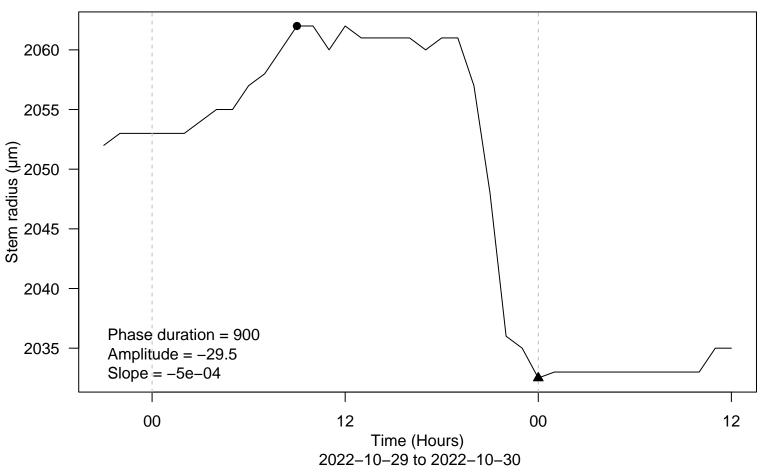
133 Shrinkage



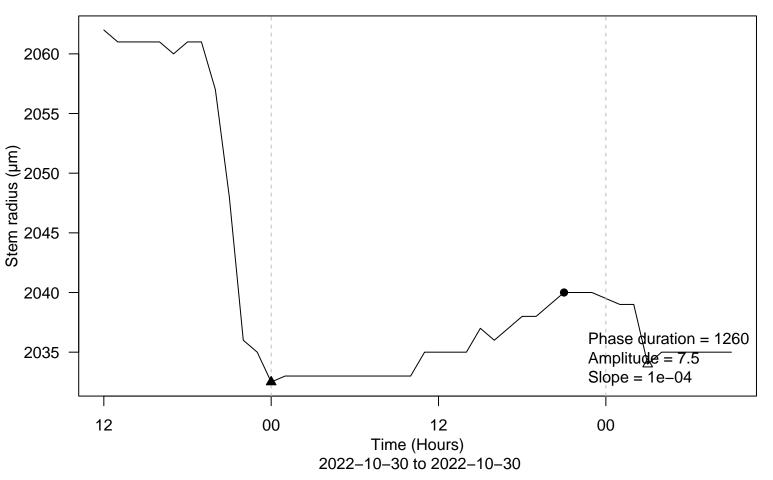
133 Expansion



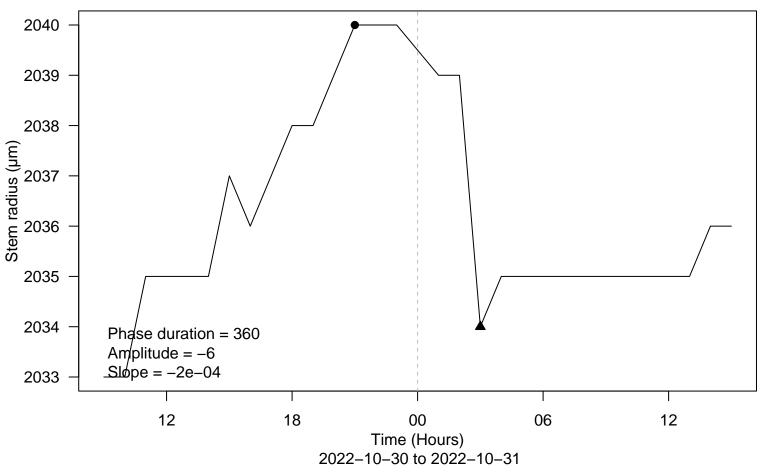
133 Shrinkage



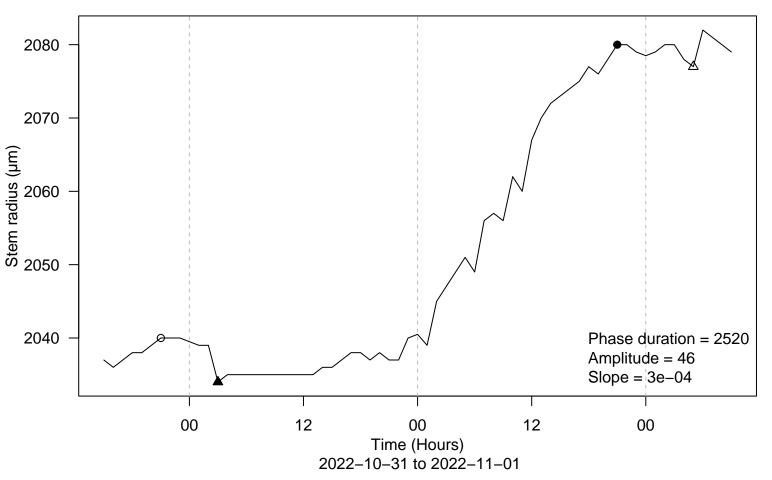
133 Expansion



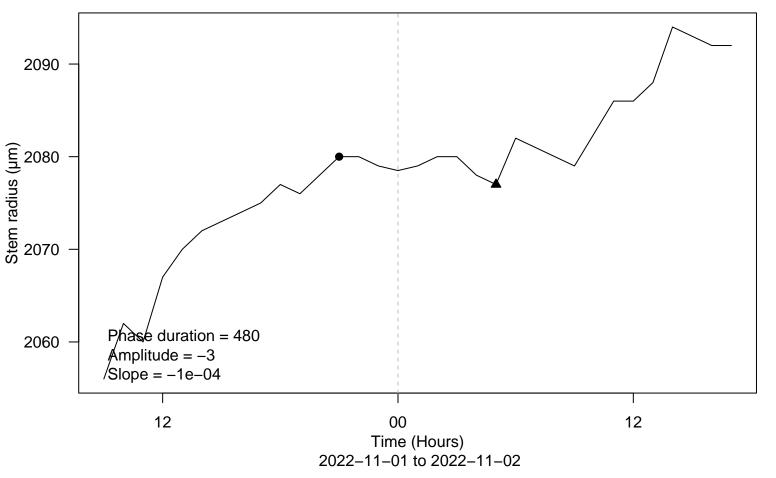
133 Shrinkage



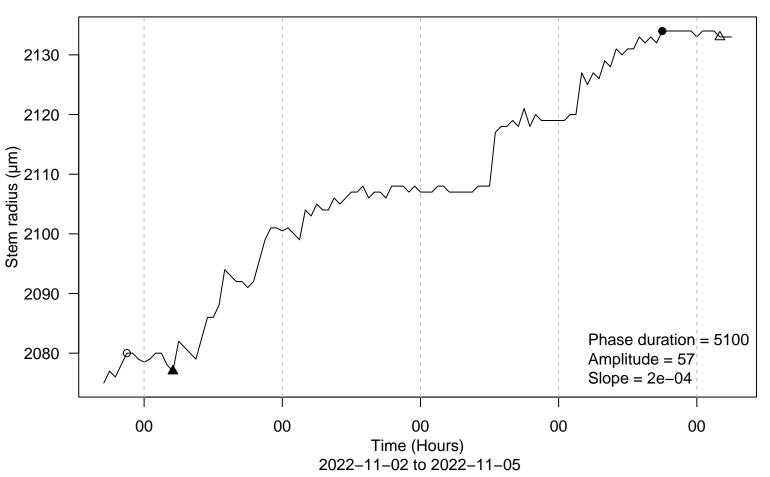
133 Expansion



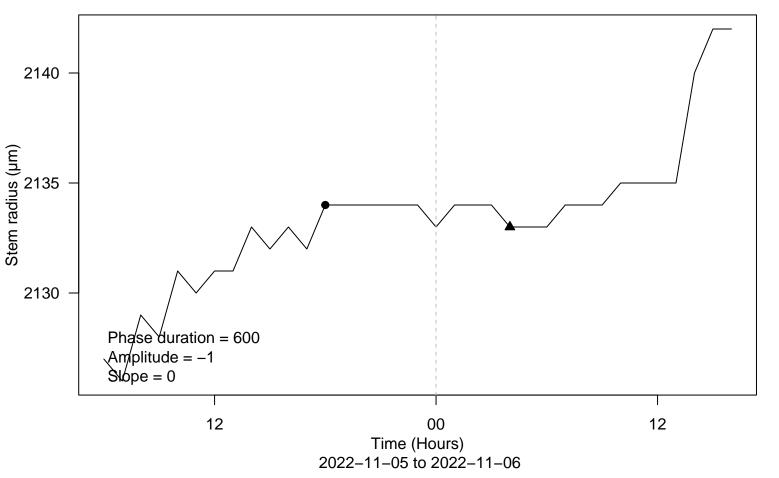
133 Shrinkage



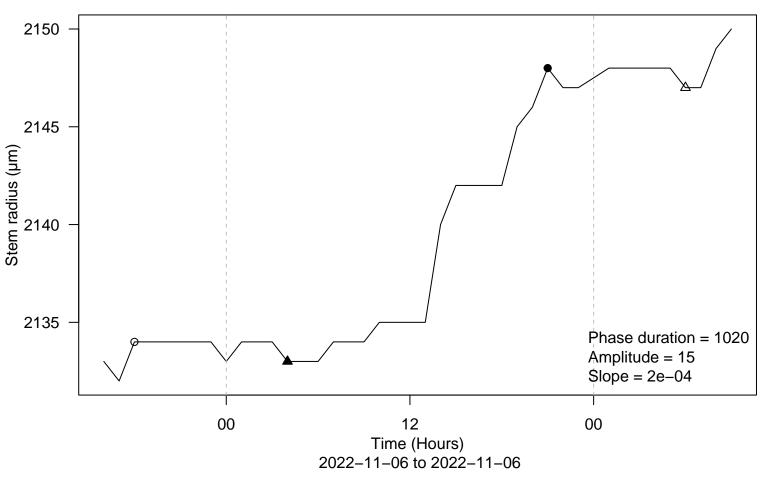
133 Expansion



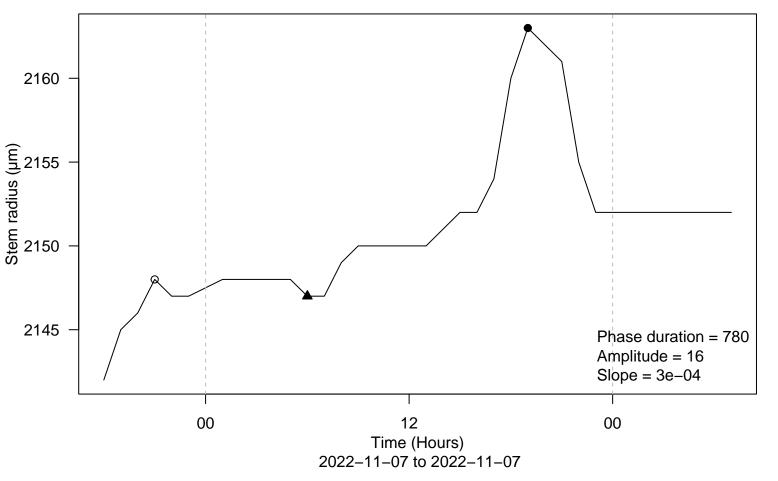
133 Shrinkage



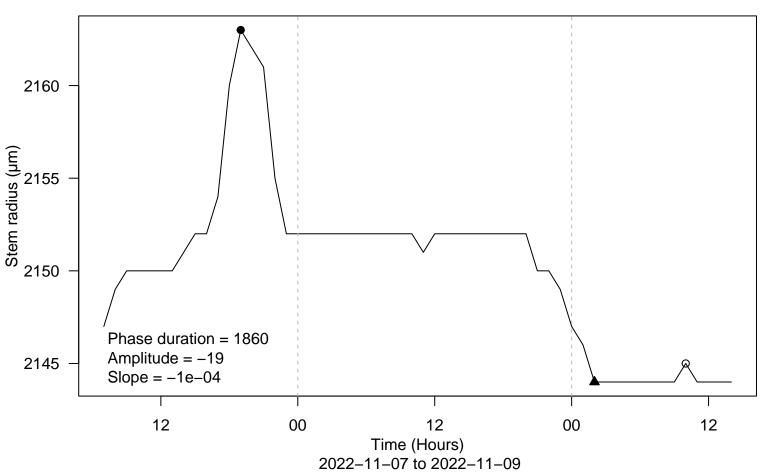
133 Expansion



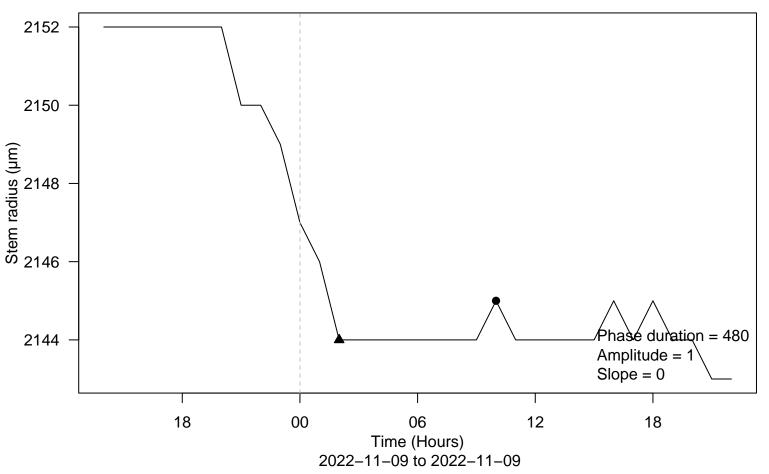
133 Expansion



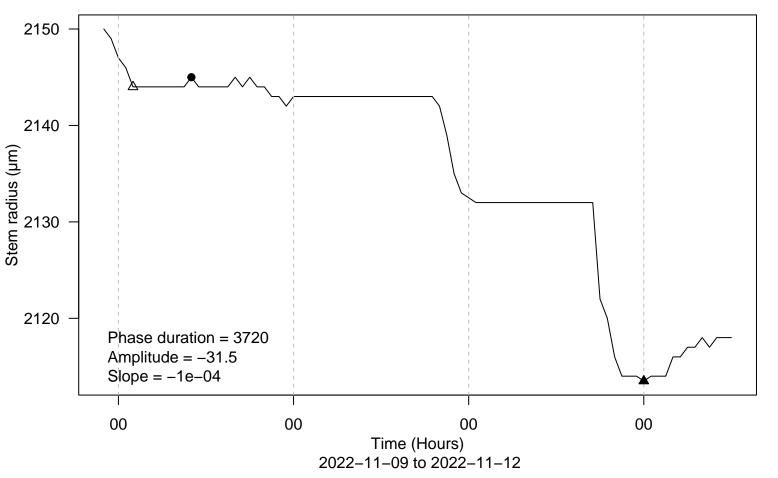
133 Shrinkage



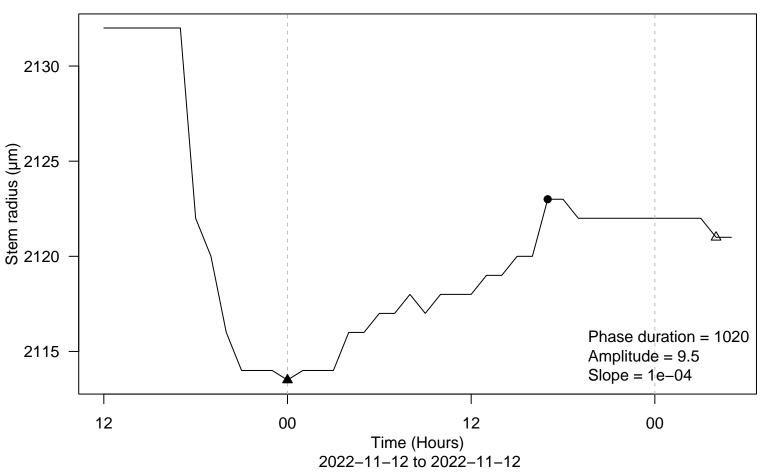
133 Expansion



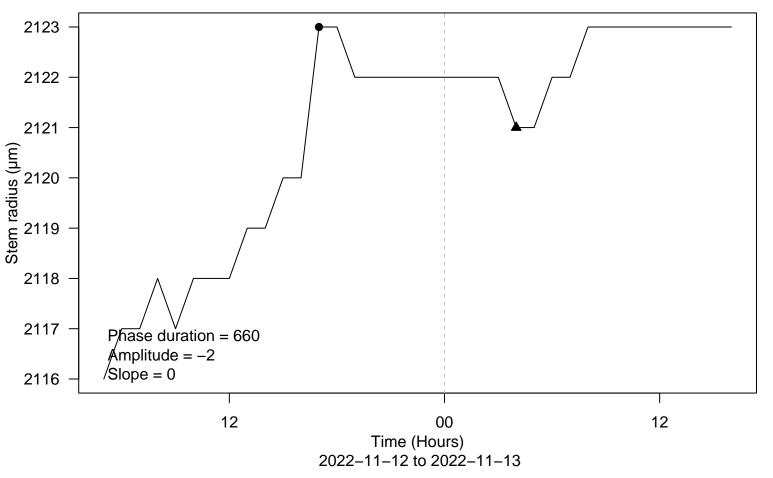
133 Shrinkage



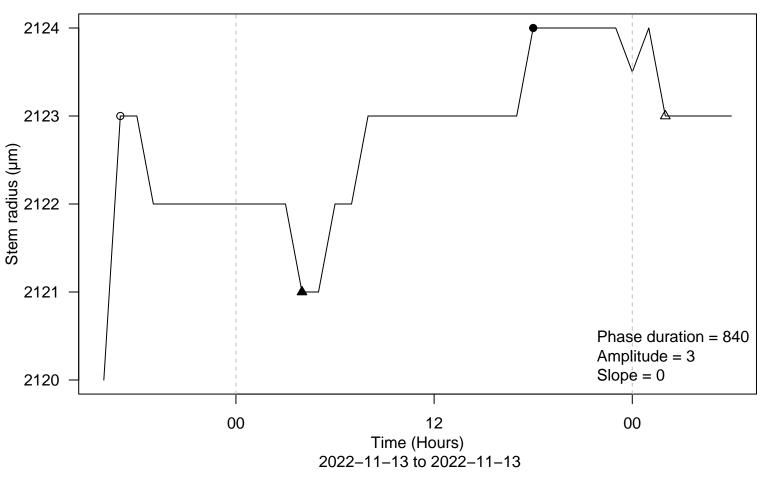
133 Expansion



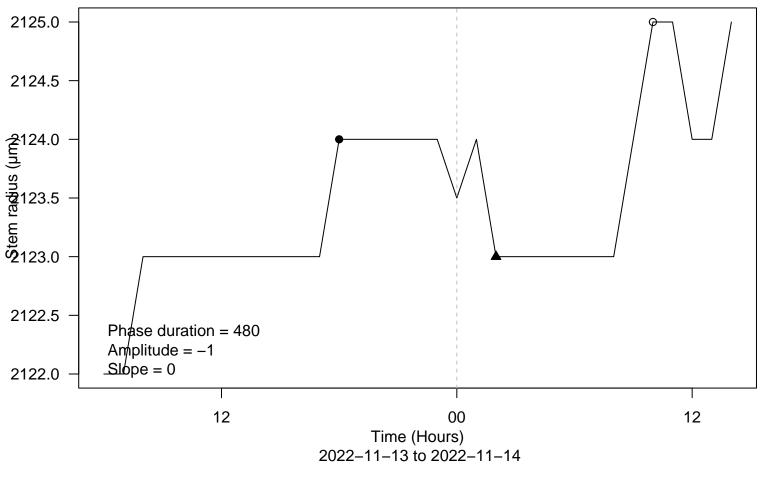
133 Shrinkage



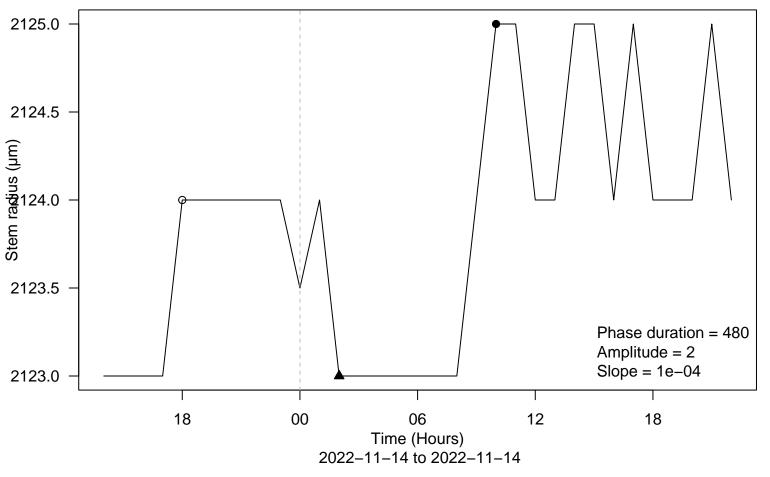
133 Expansion



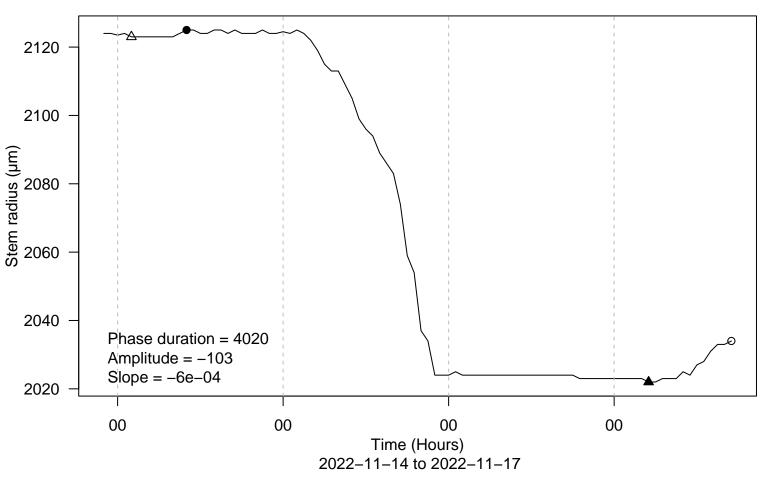




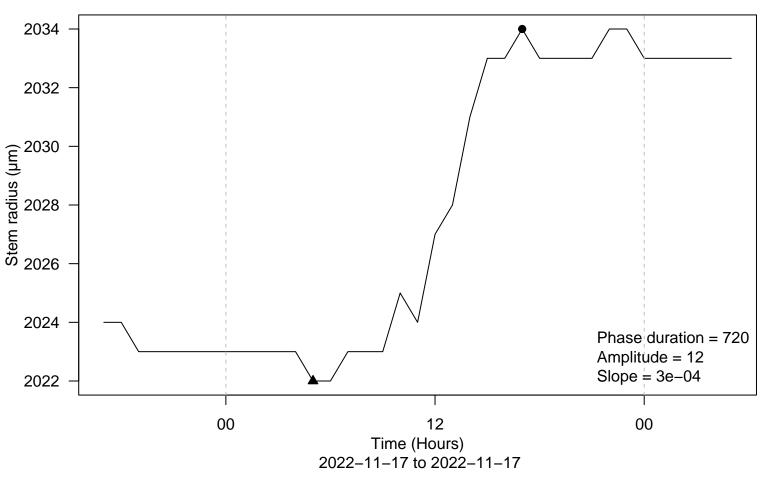
133 Expansion



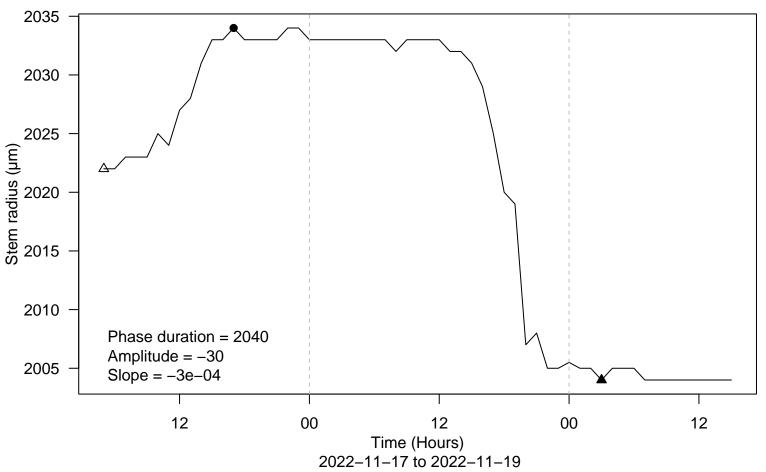
133 Shrinkage



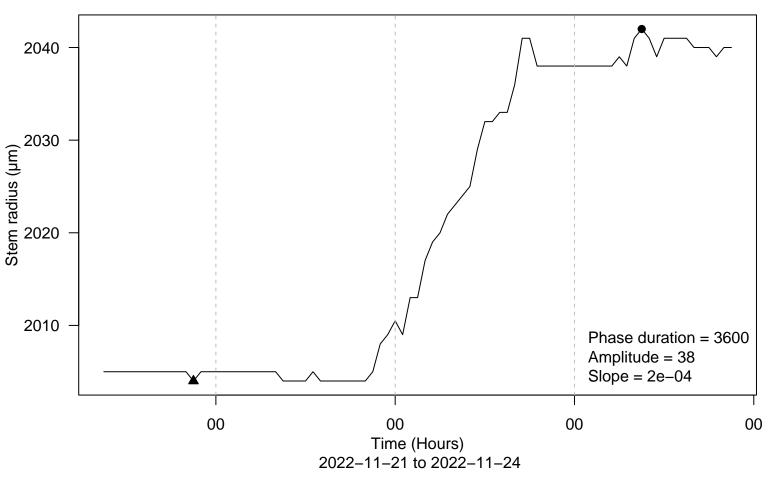
133 Expansion



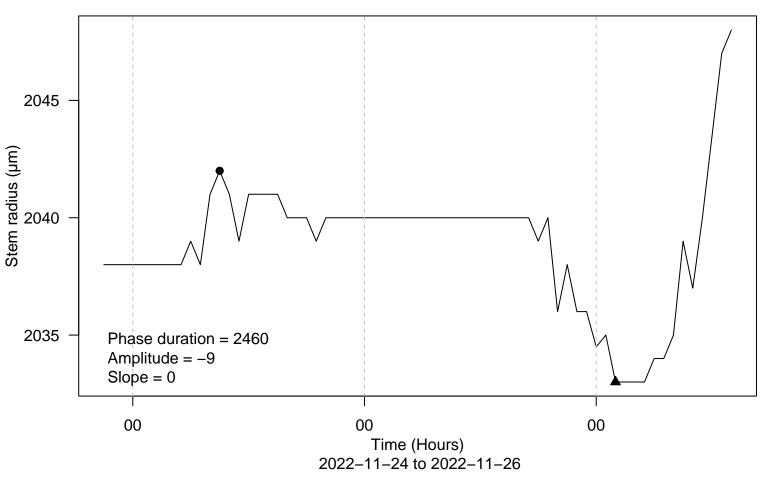
133 Shrinkage



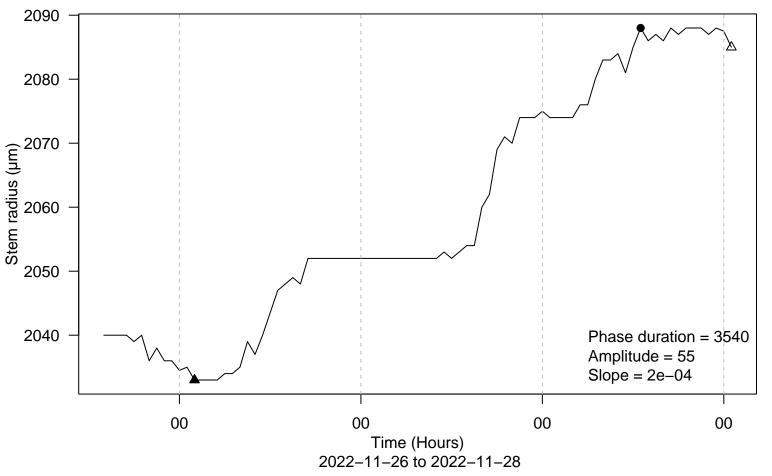
133 Expansion



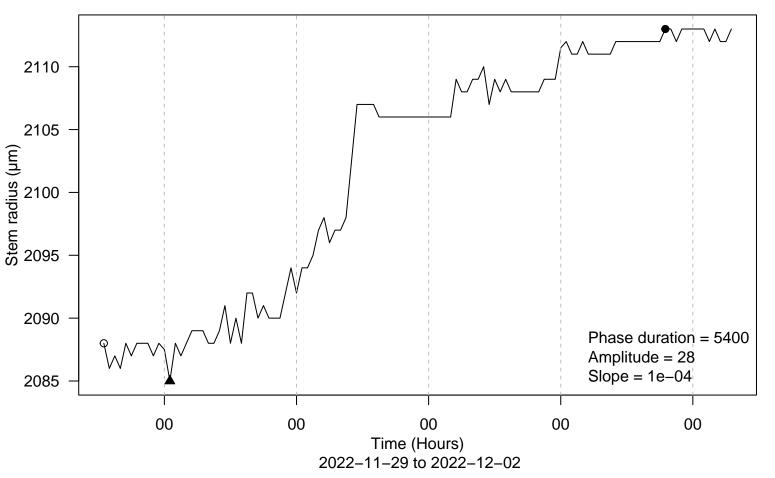
133 Shrinkage



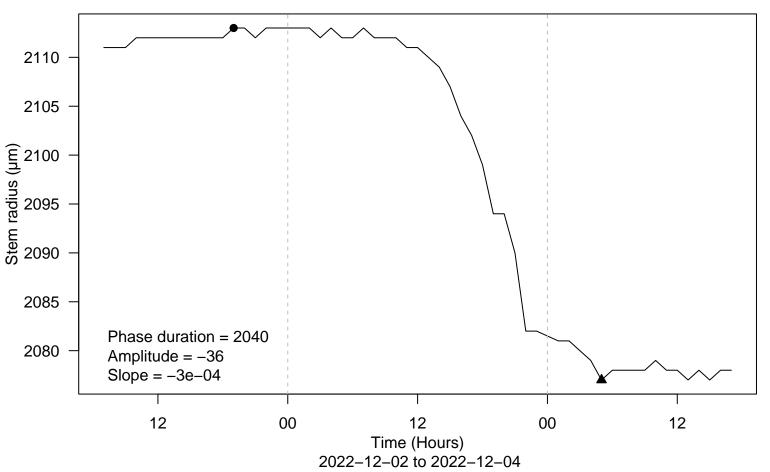
133 Expansion



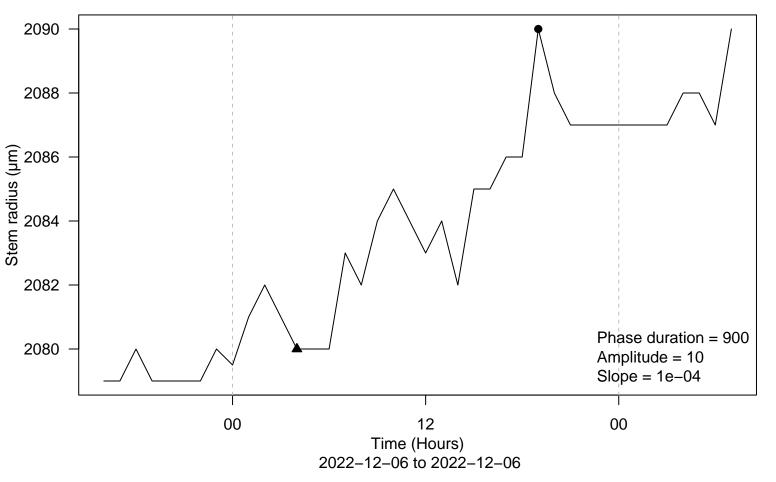
133 Expansion



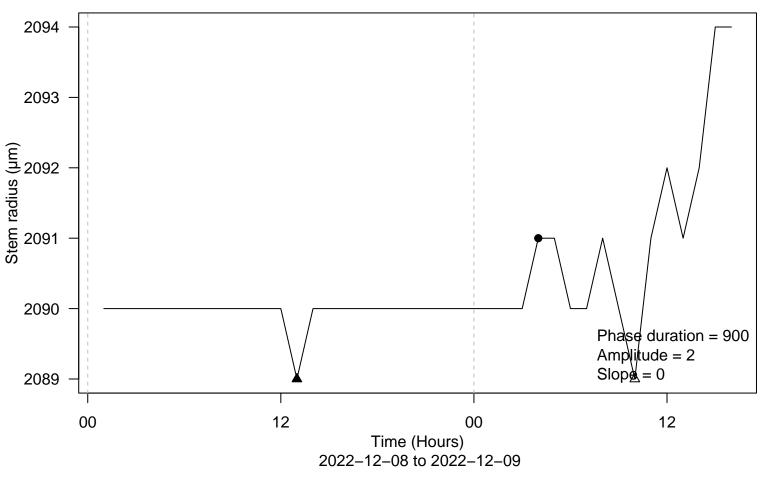
133 Shrinkage



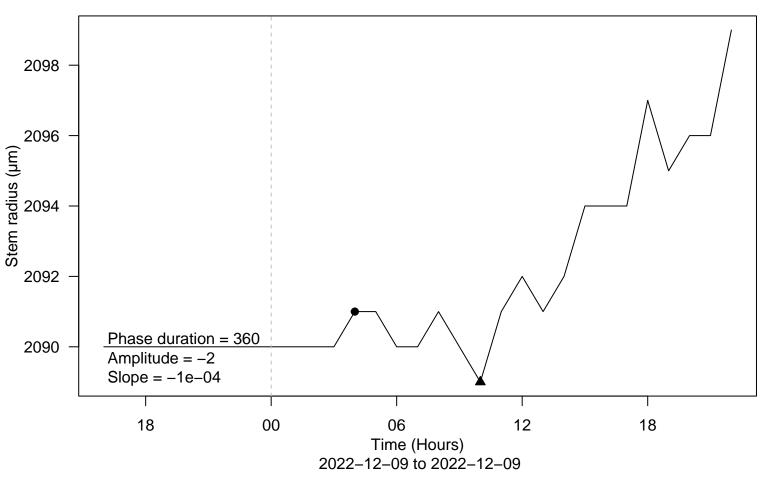
133 Expansion



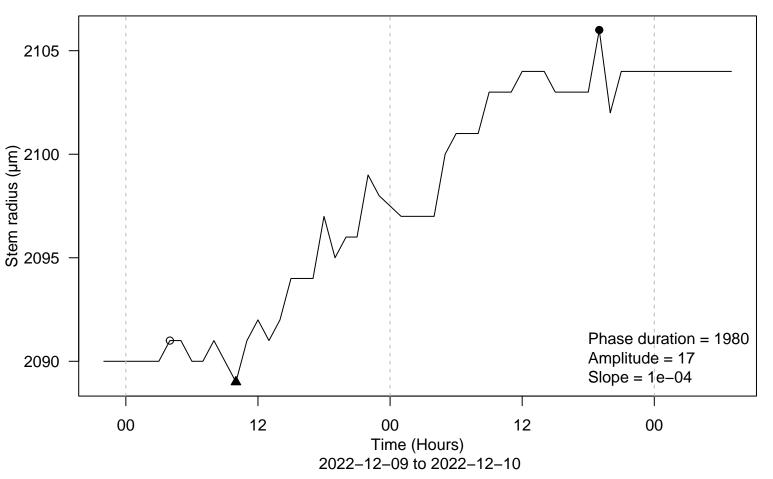
133 Expansion



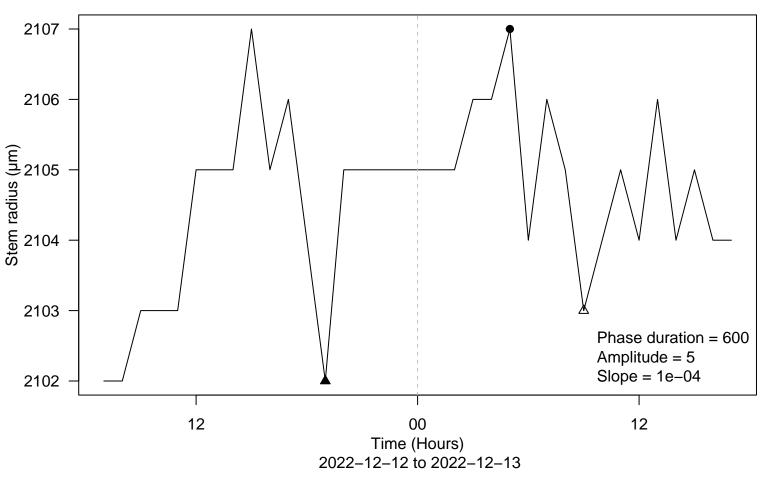
133 Shrinkage



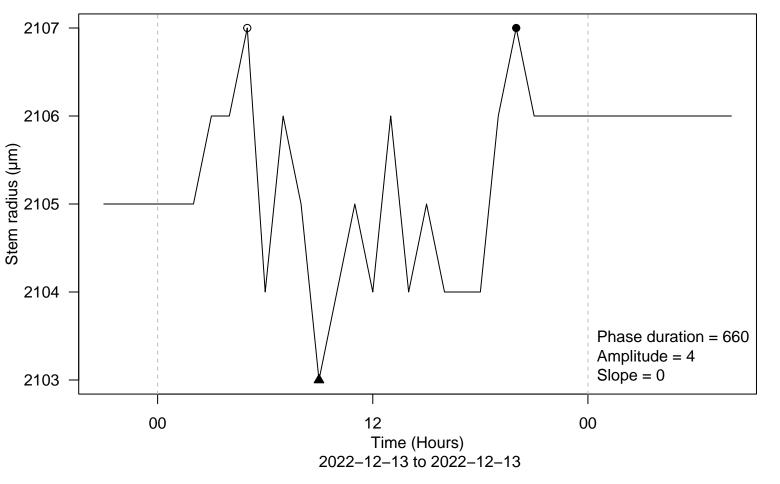
133 Expansion



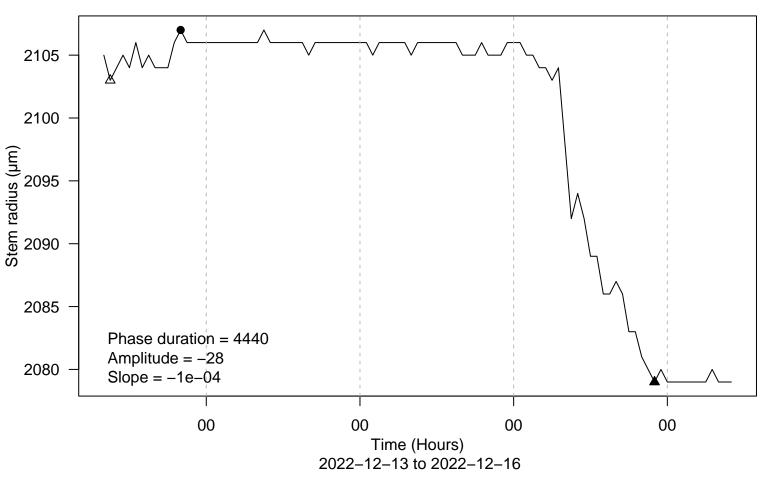
133 Expansion



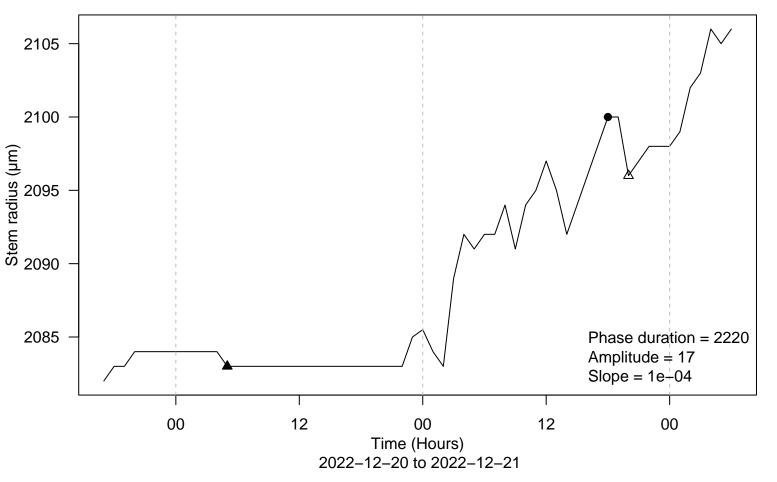
133 Expansion



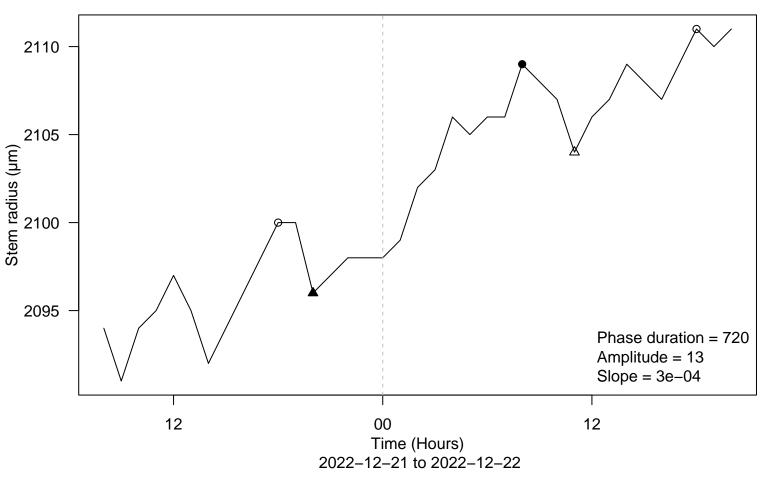
133 Shrinkage



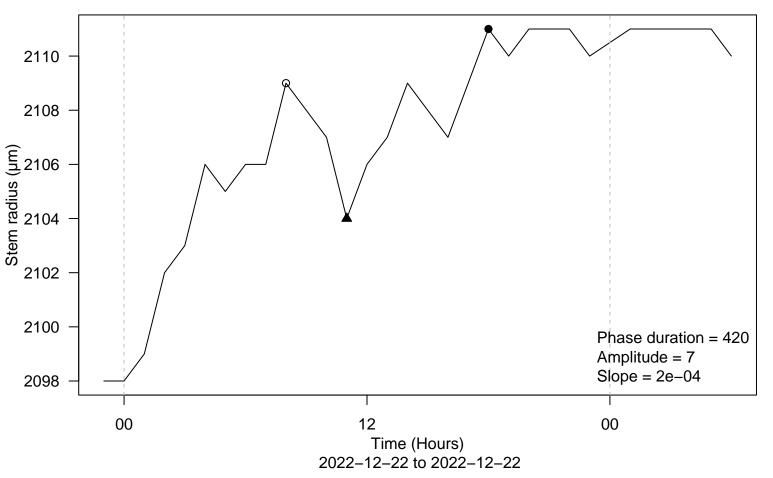
133 Expansion



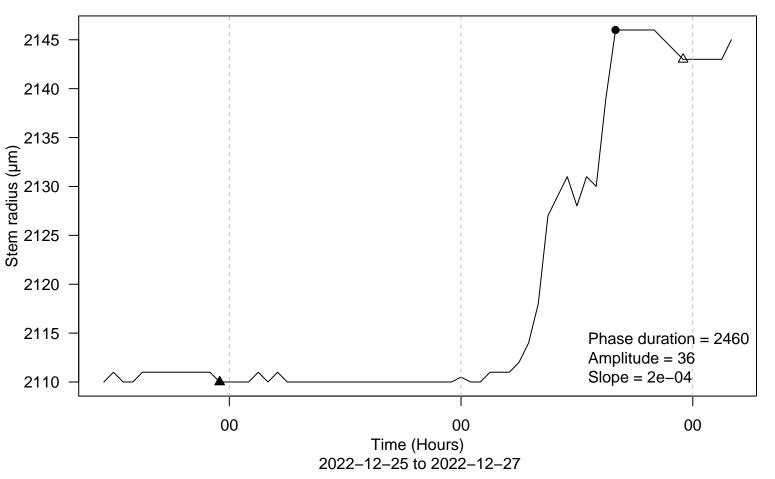
133 Expansion



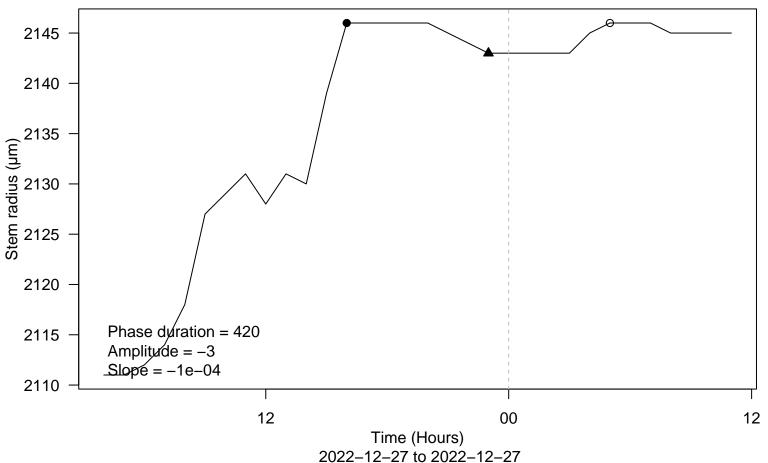
133 Expansion



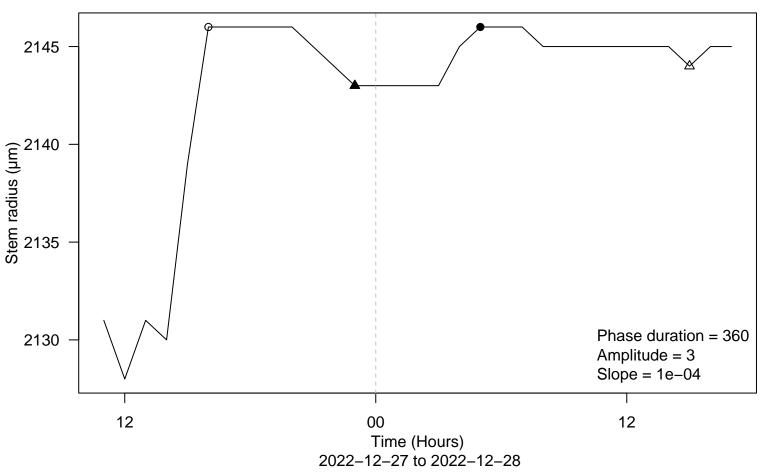
133 Expansion



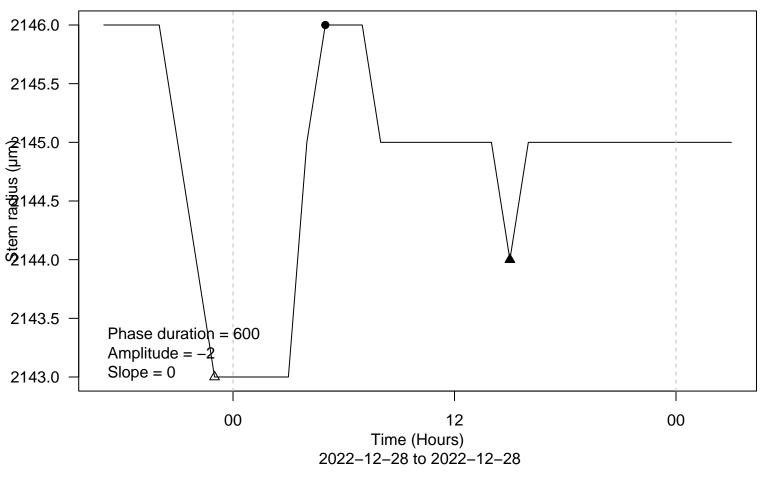




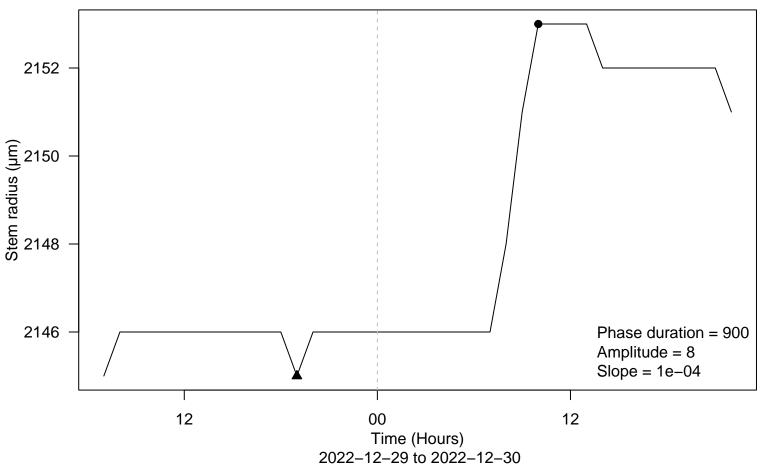
133 Expansion



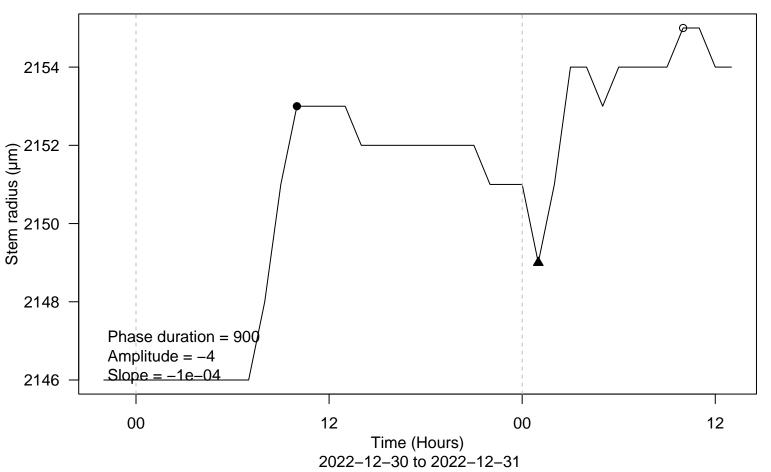
133 Shrinkage



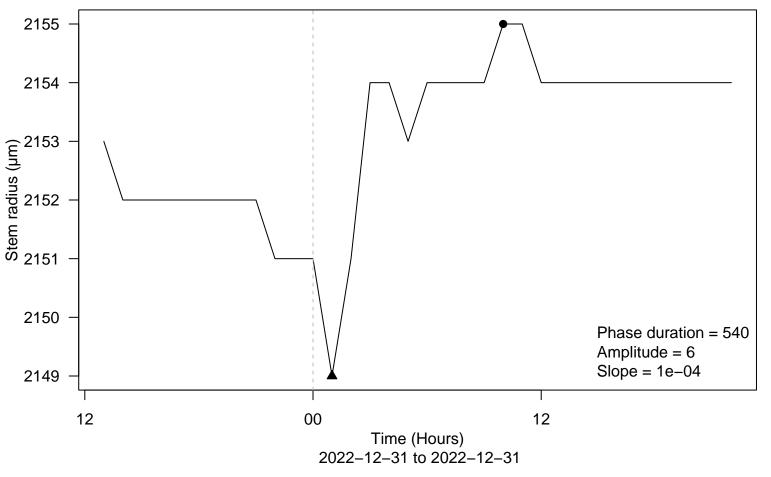
133 Expansion



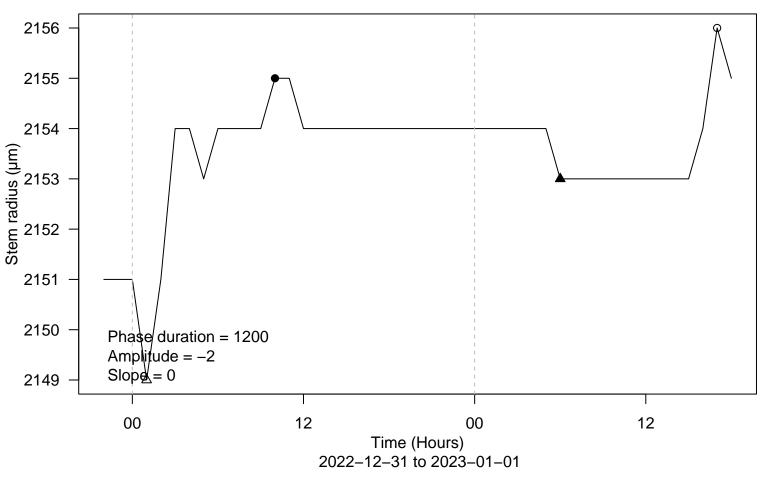
133 Shrinkage



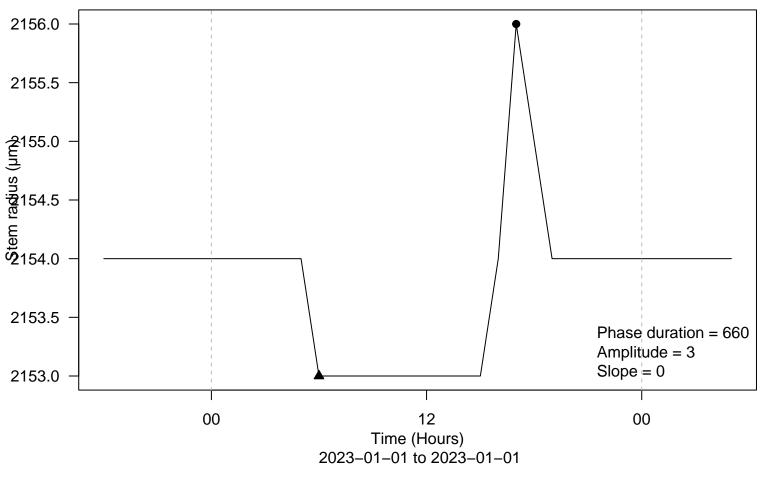
133 Expansion



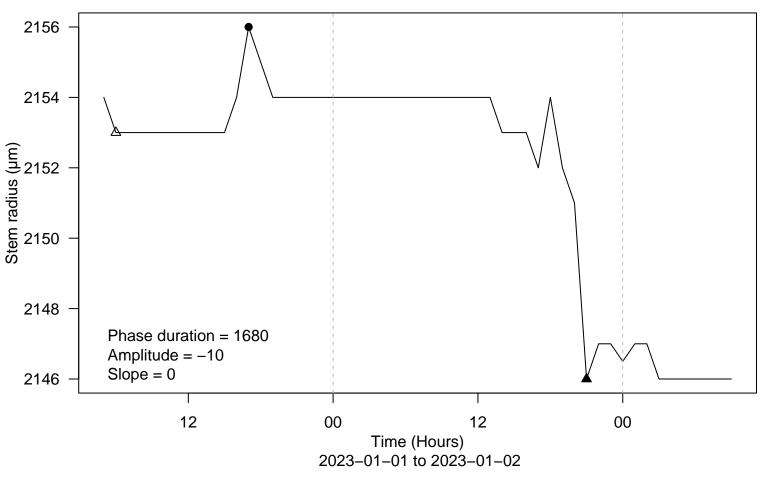
133 Shrinkage



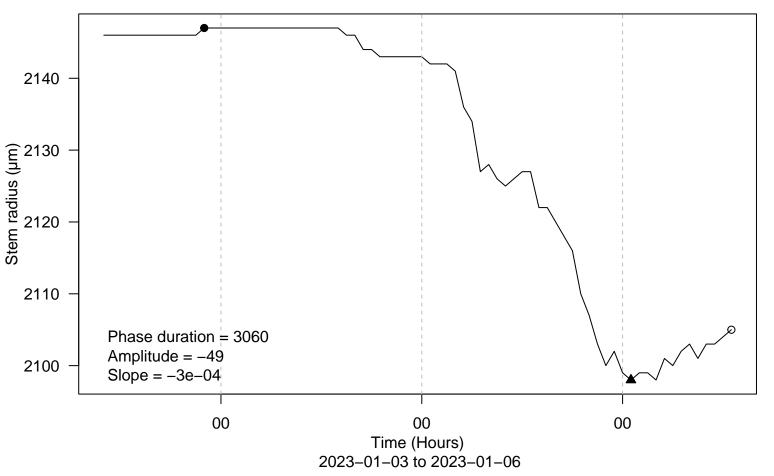
133 Expansion



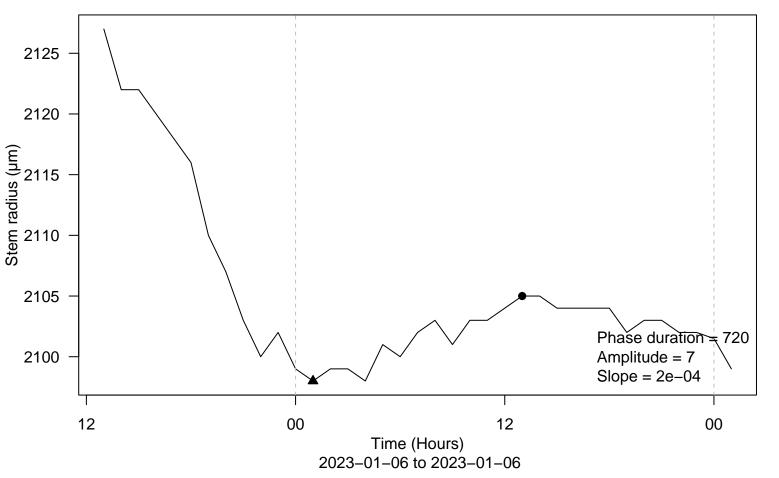
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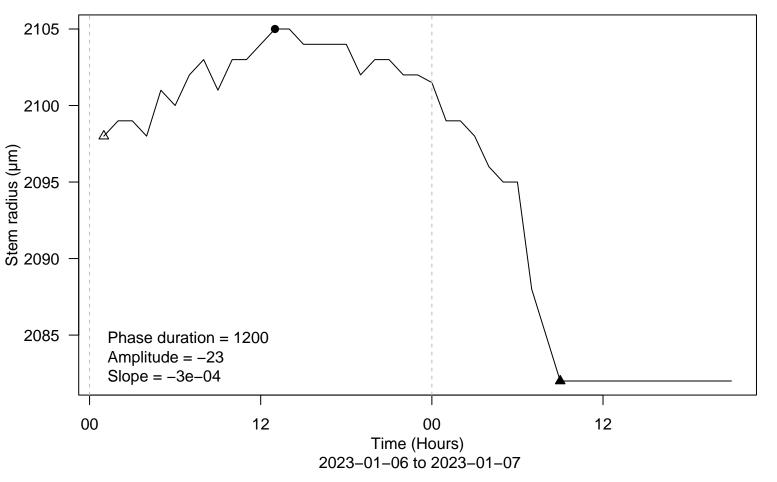
133 Shrinkage



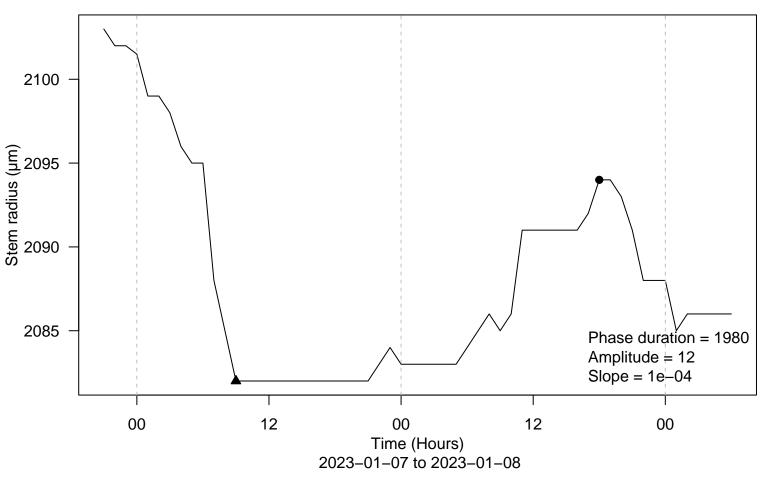
133 Expansion



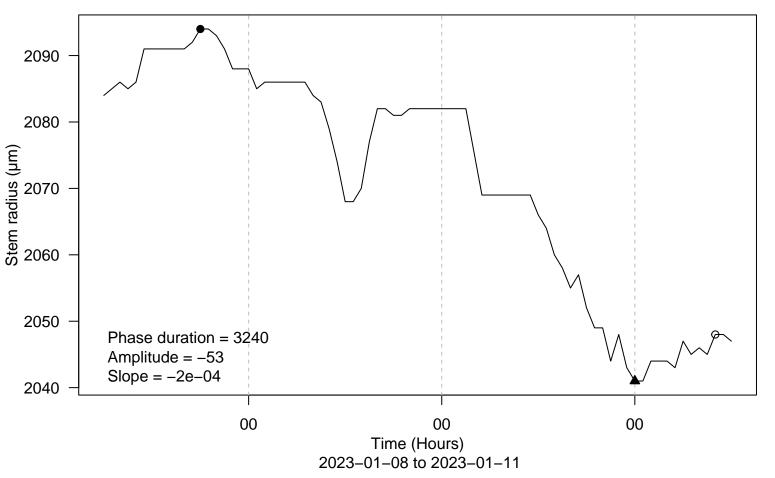
133 Shrinkage



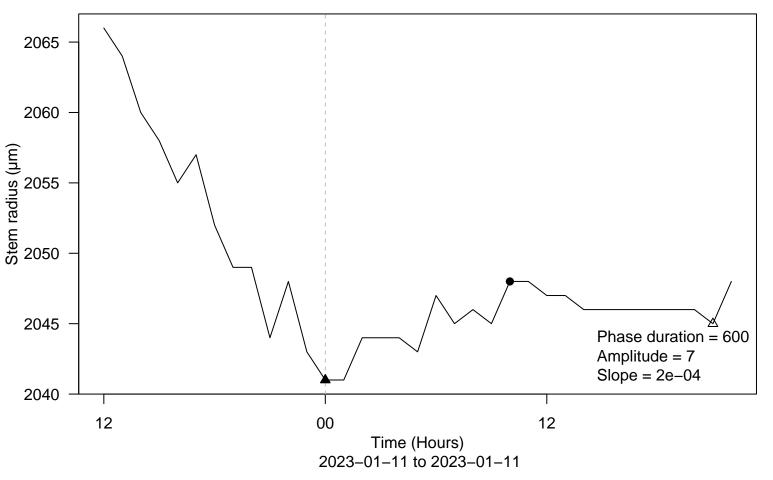
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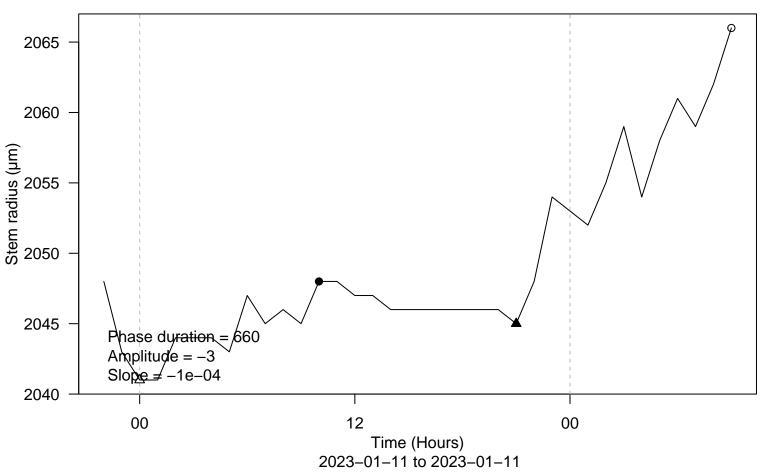
133 Shrinkage



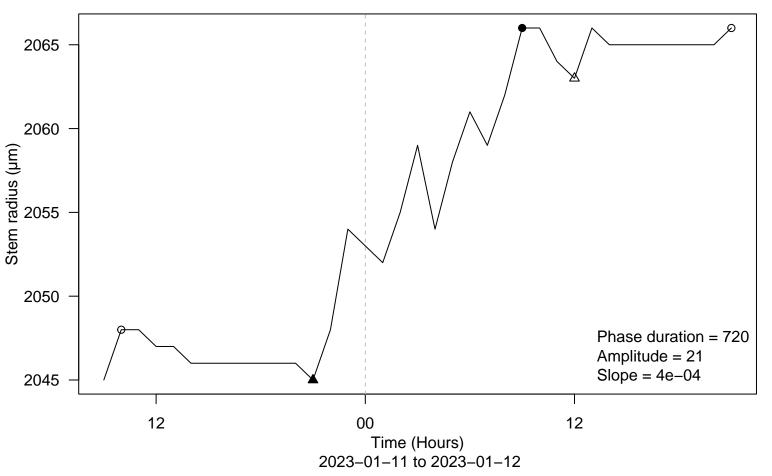
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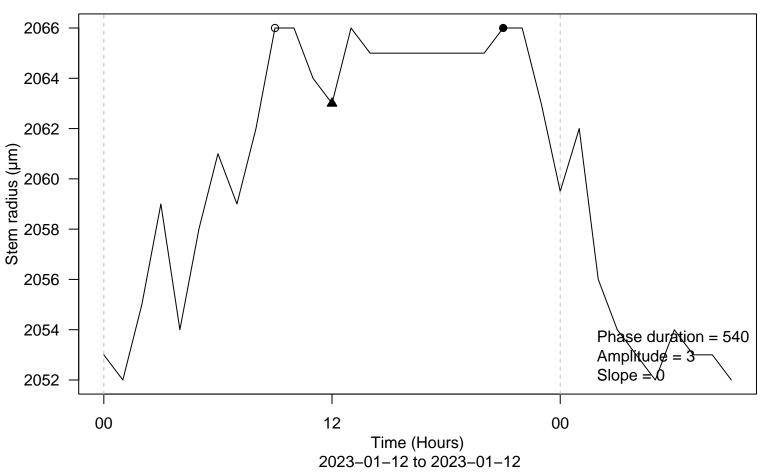
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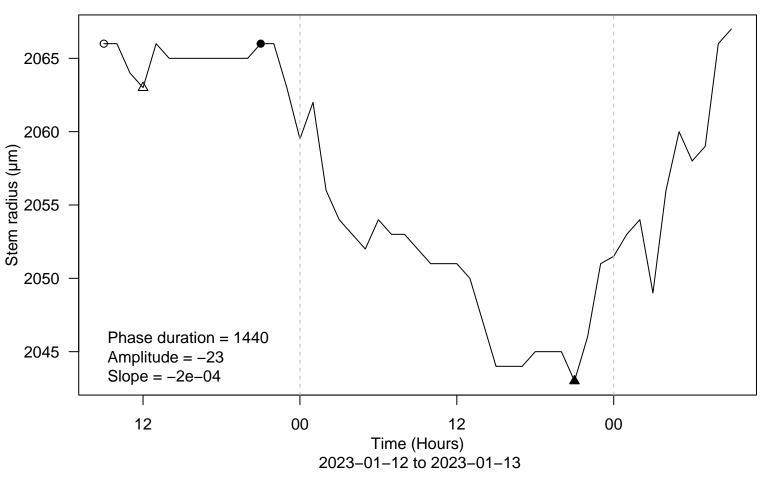
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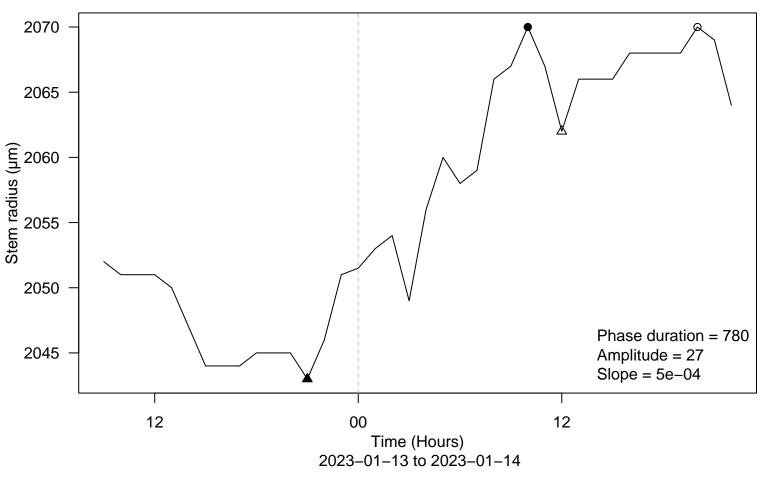
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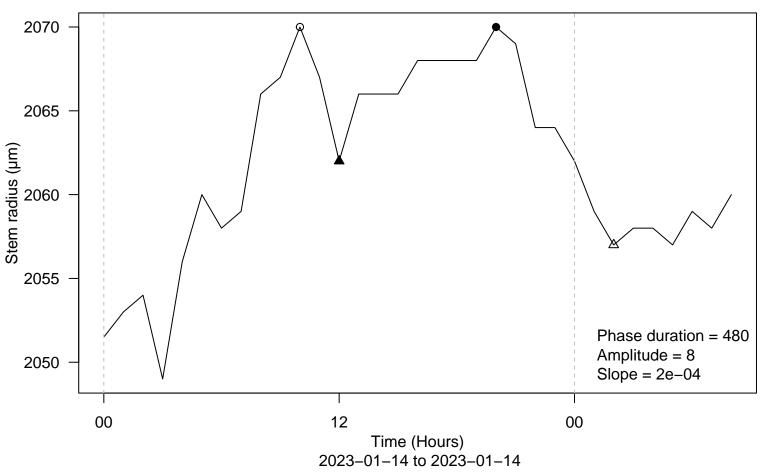
133 Shrinkage



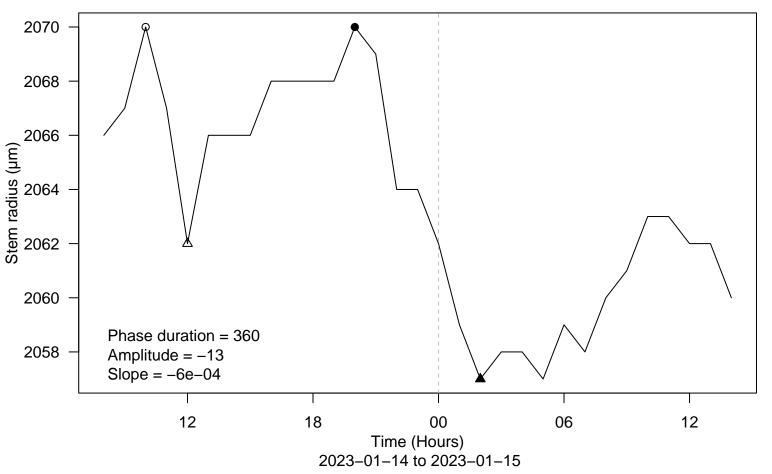
133 Expansion



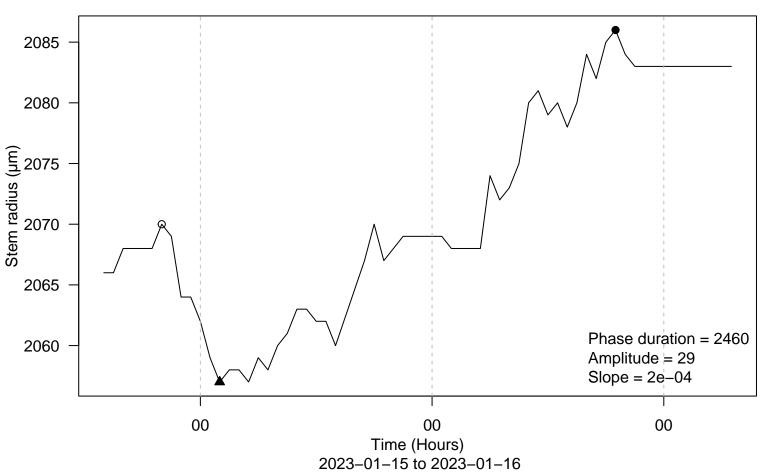
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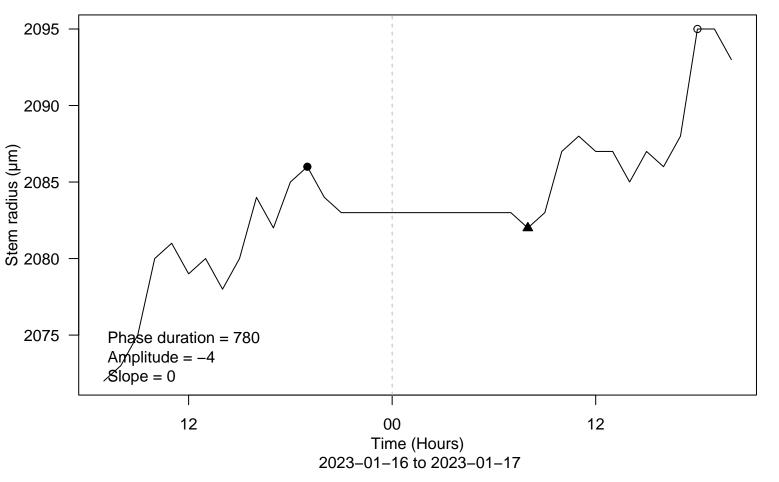
133 Shrinkage



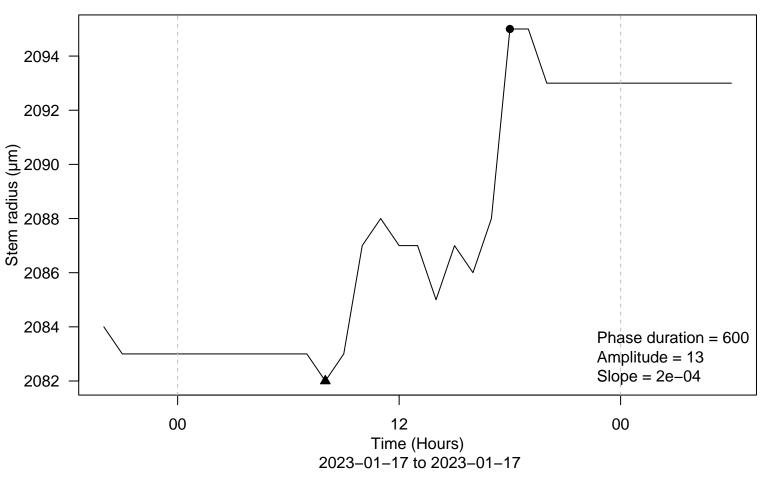
133 Expansion



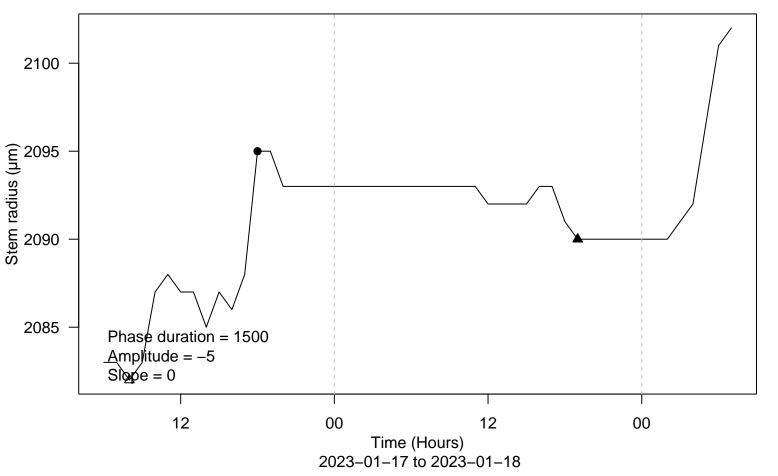
133 Shrinkage



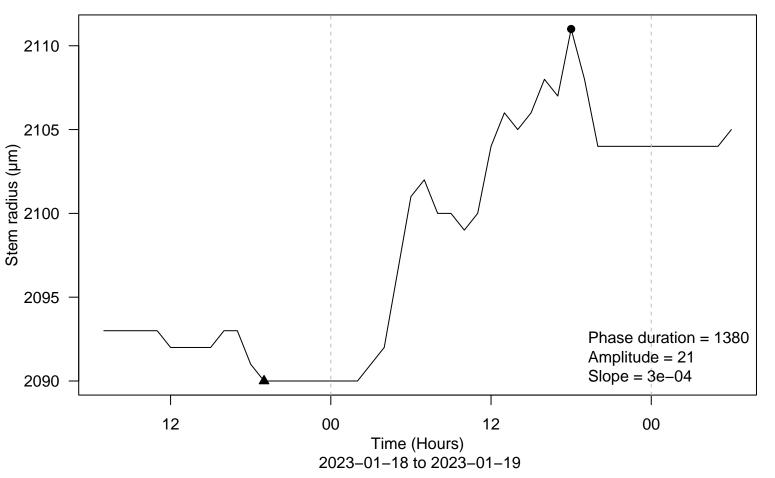
133 Expansion



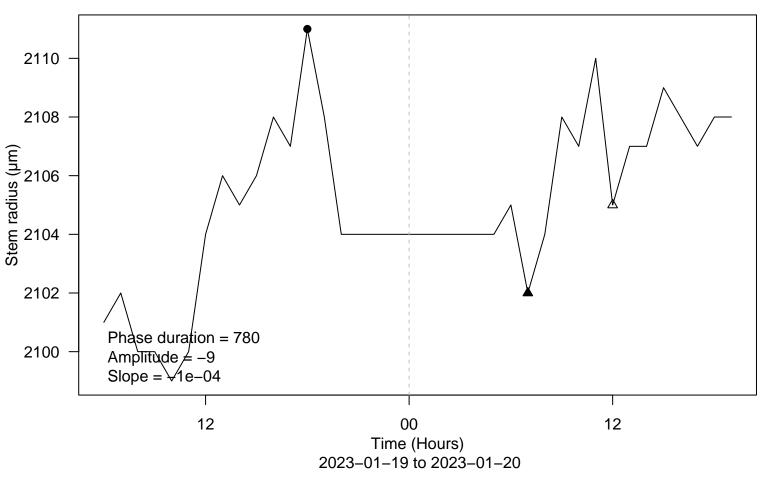
133 Shrinkage



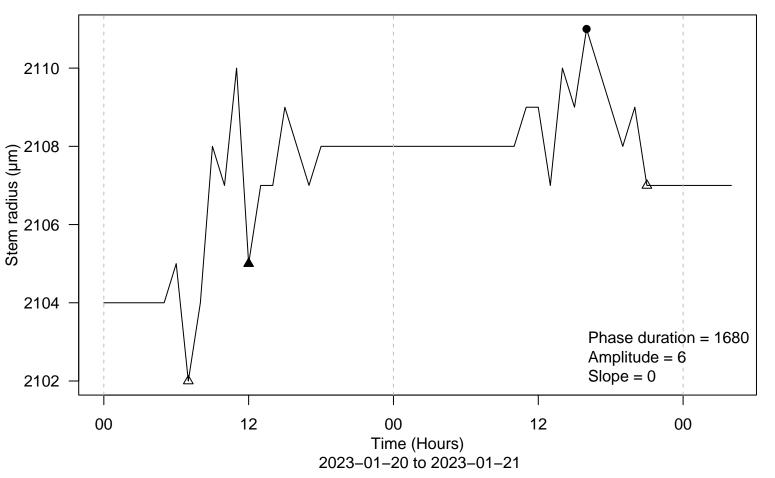
133 Expansion



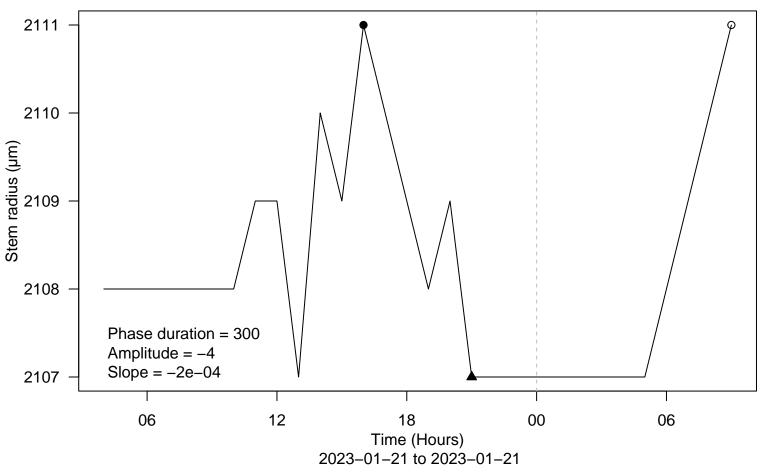
133 Shrinkage



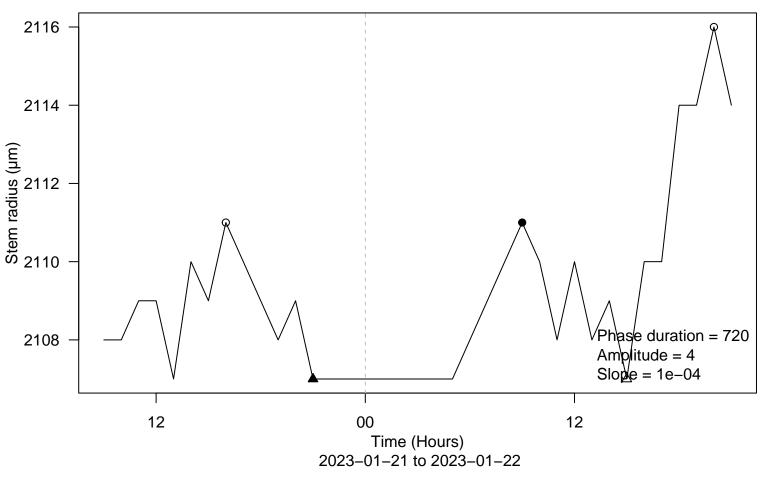
133 Expansion



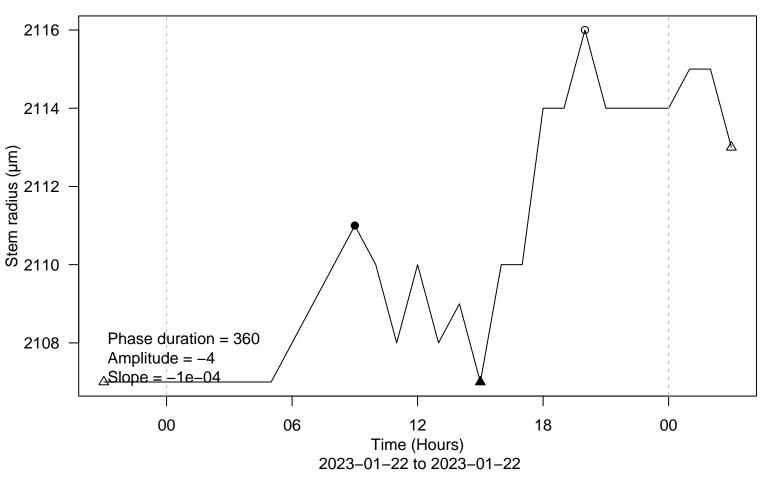
133 Shrinkage



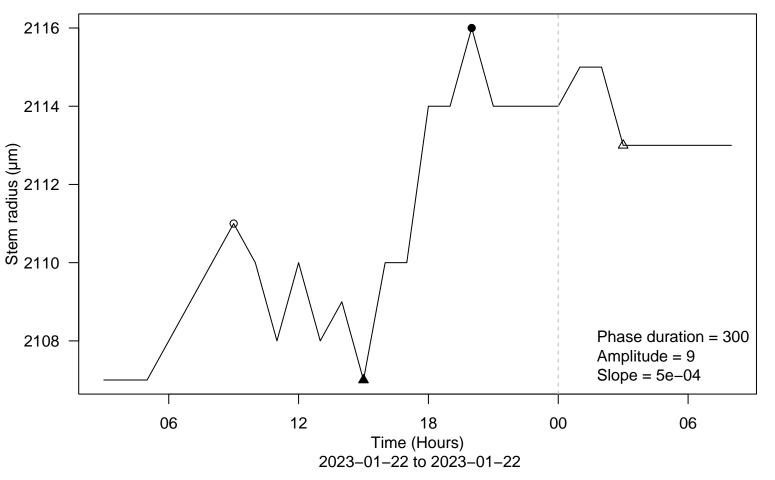
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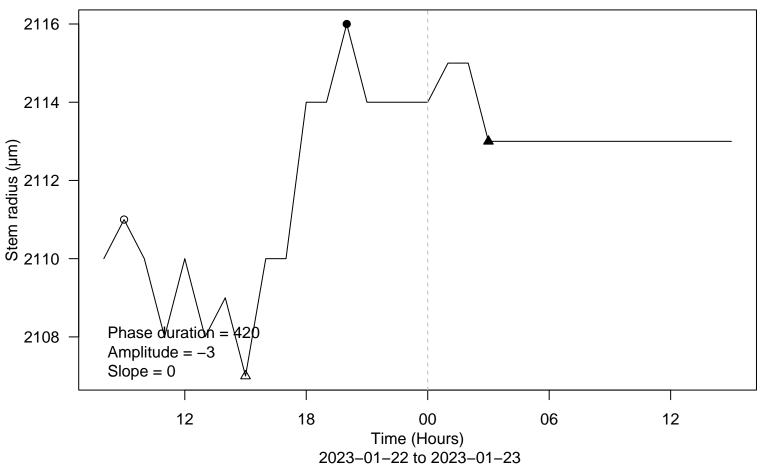
133 Shrinkage



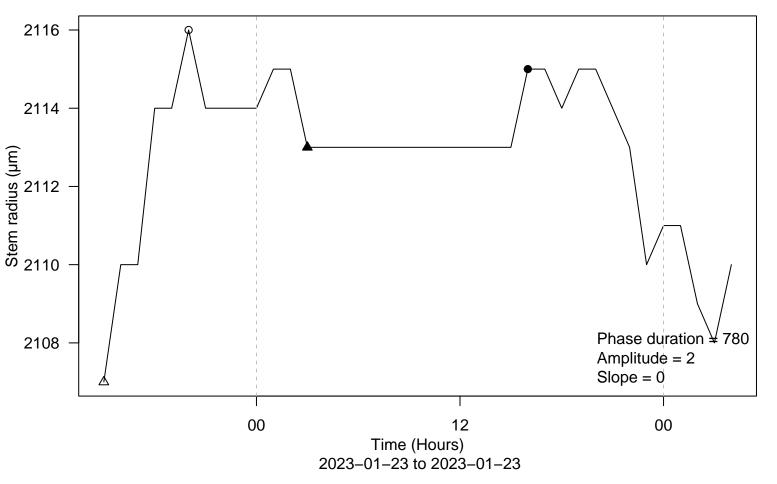
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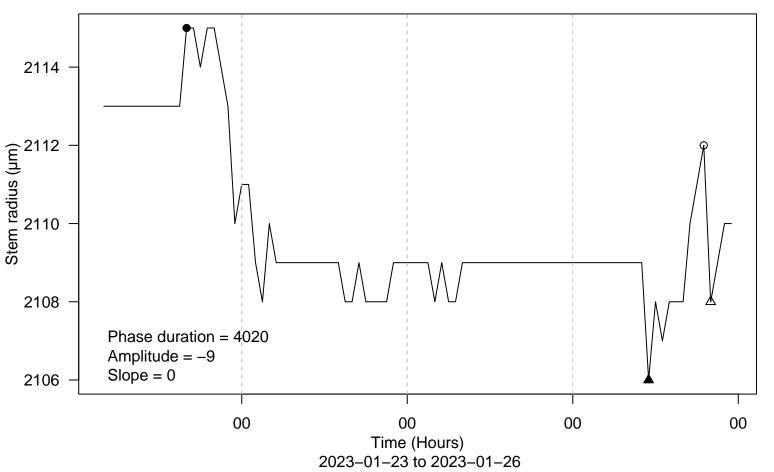
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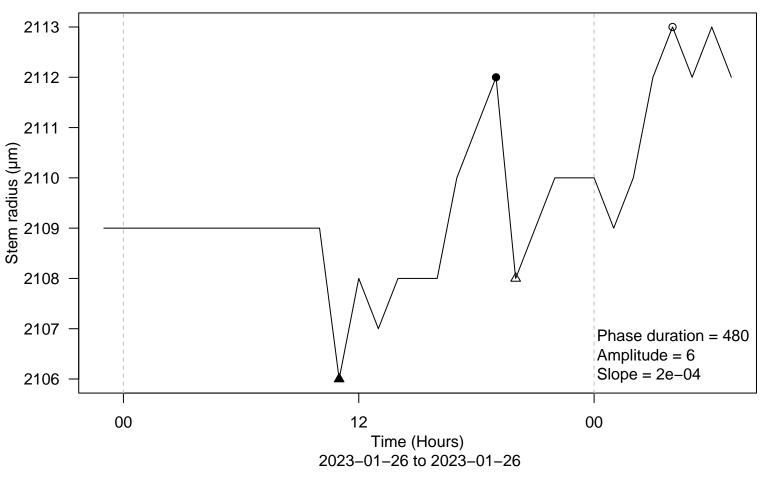
133 Expansion



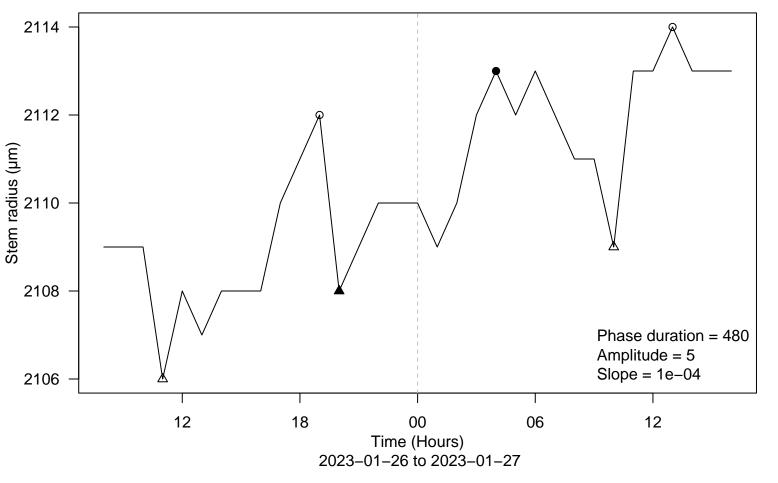
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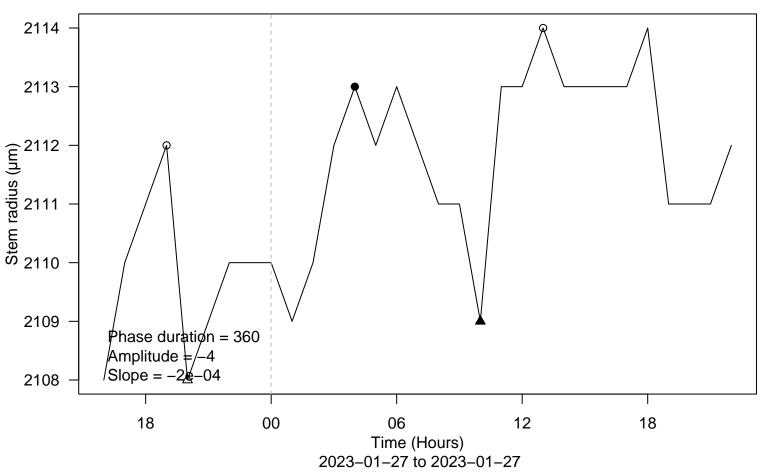
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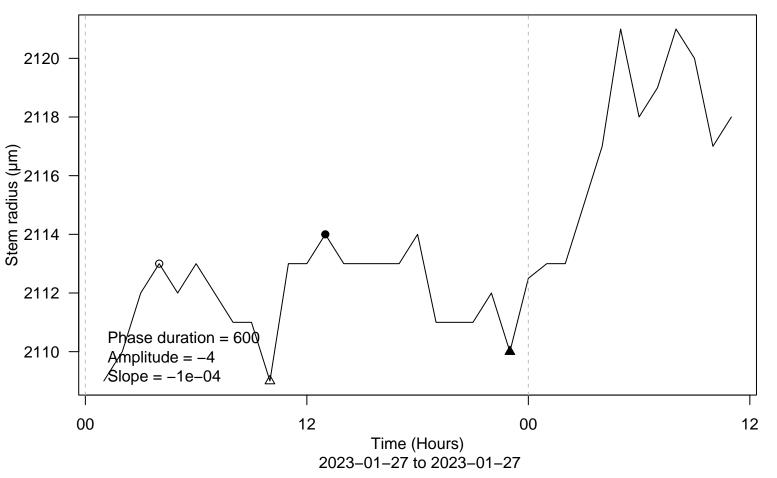
133 Expansion



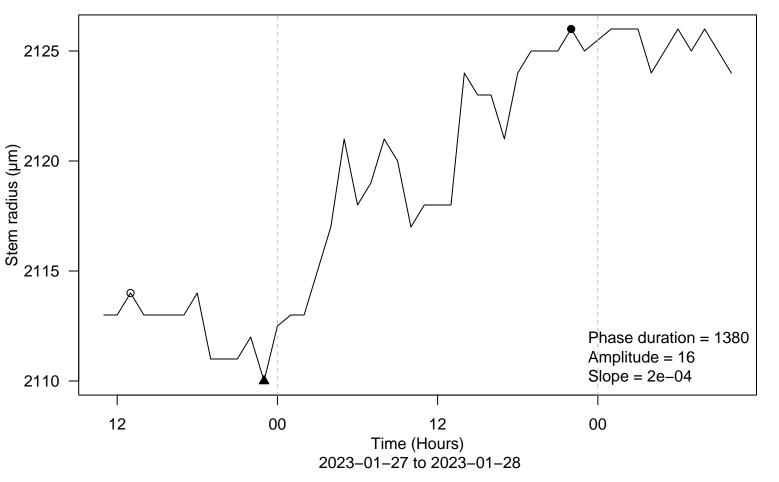
133 Shrinkage



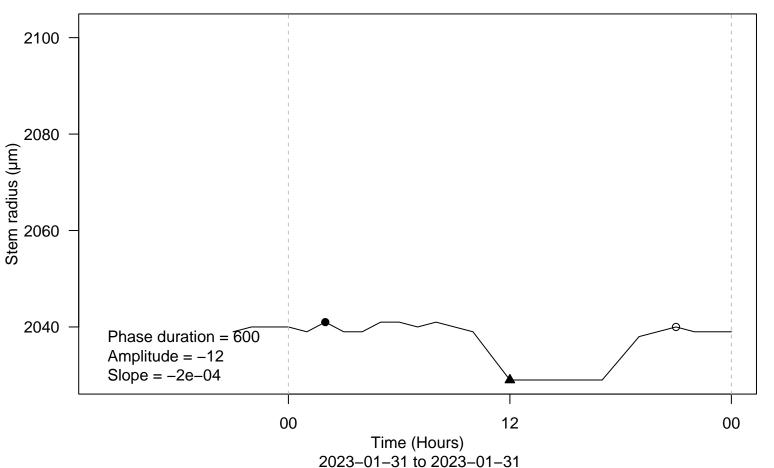
133 Shrinkage



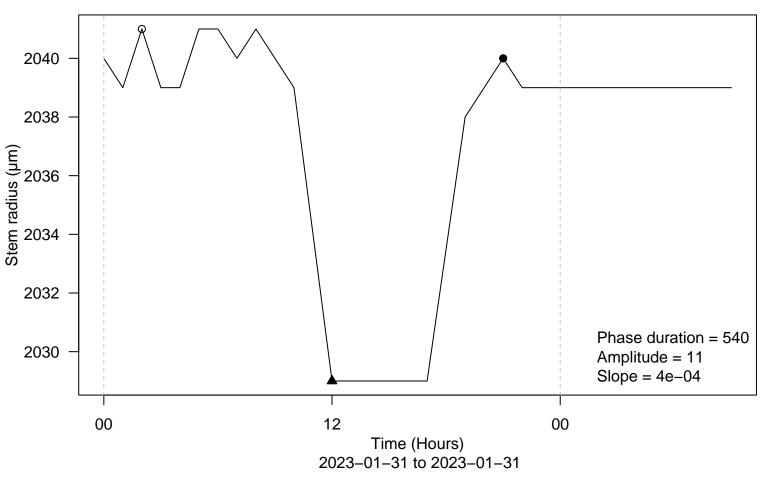
133 Expansion



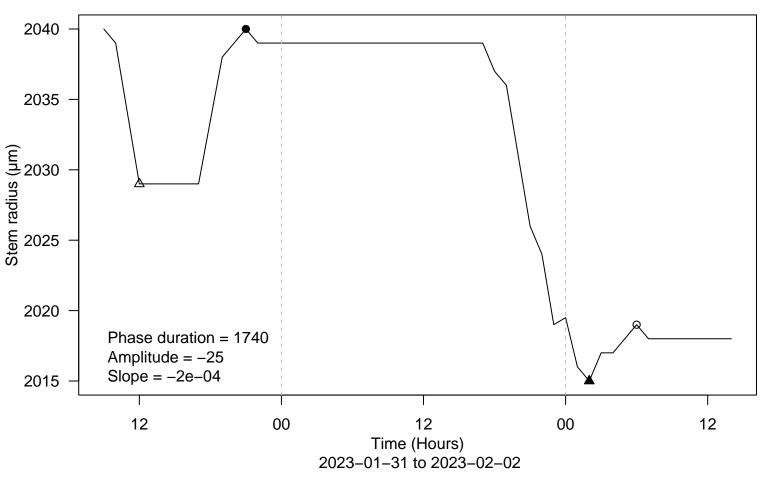
133 Shrinkage



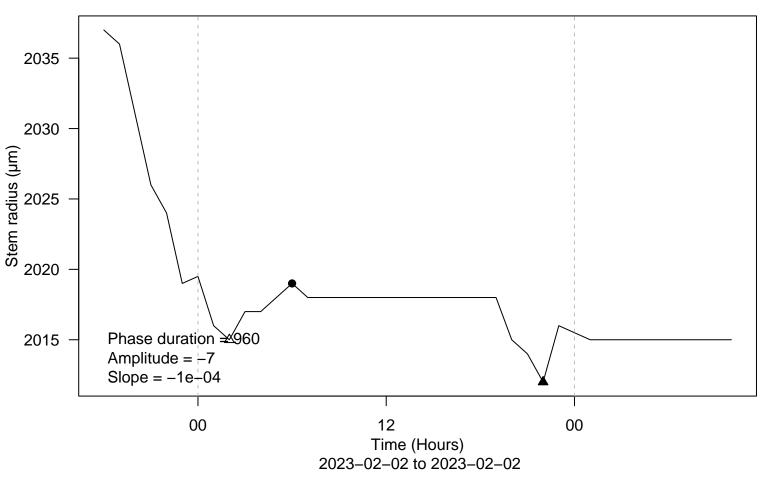
133 Expansion



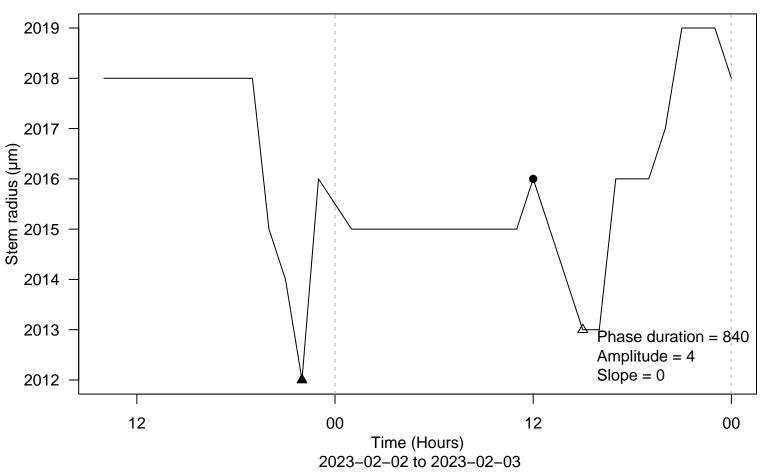
133 Shrinkage



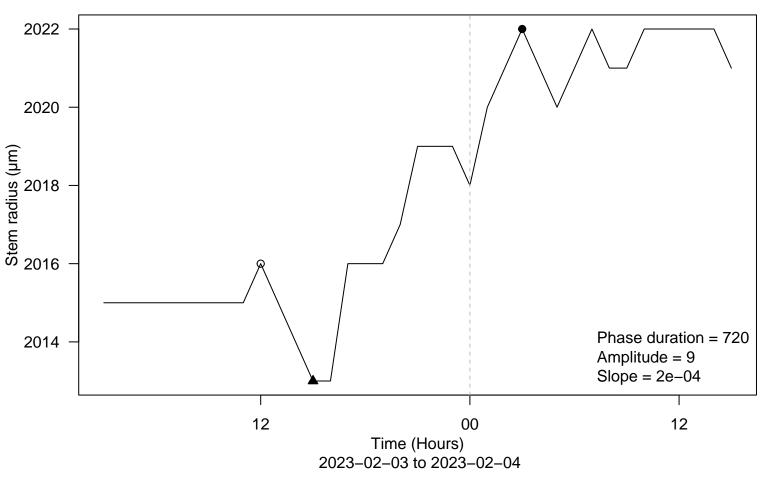
133 Shrinkage



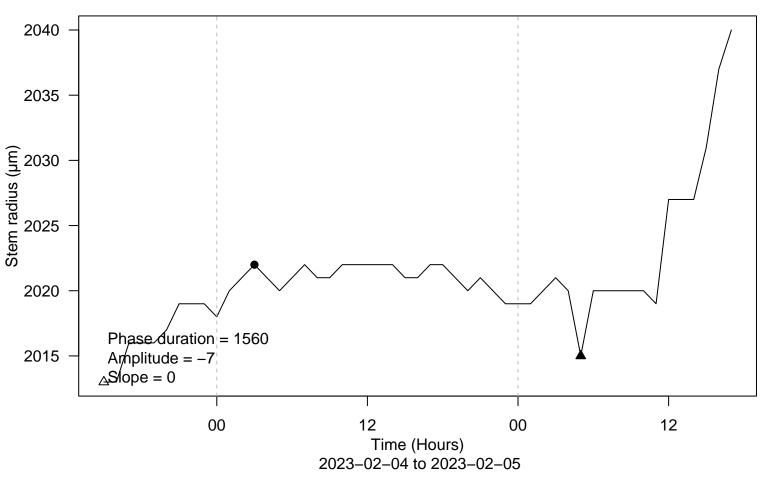
133 Expansion



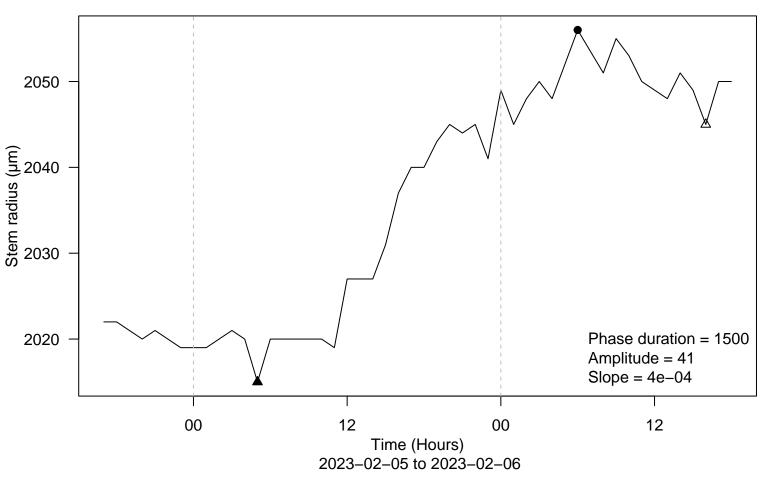
133 Expansion



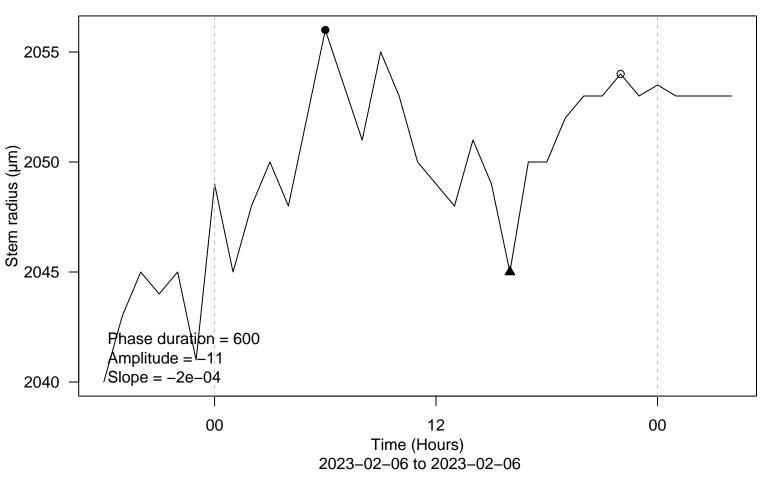
133 Shrinkage



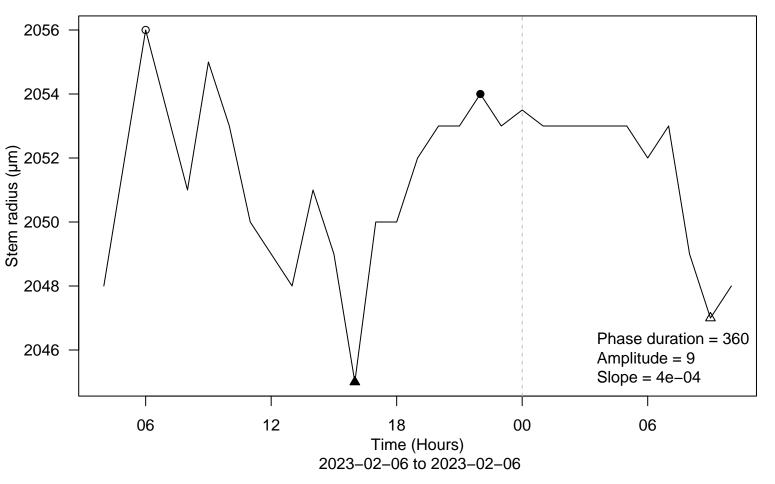
133 Expansion



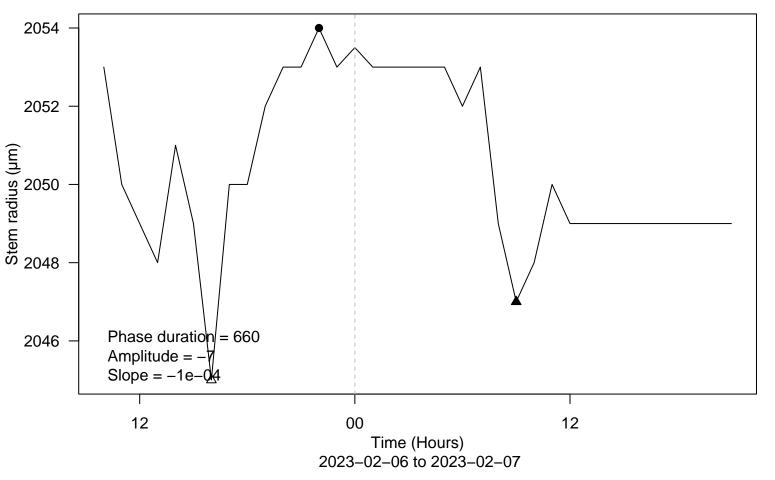
133 Shrinkage



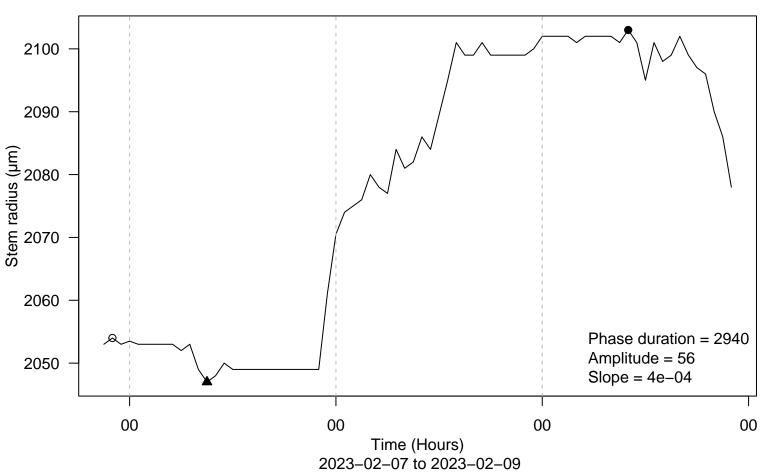
133 Expansion



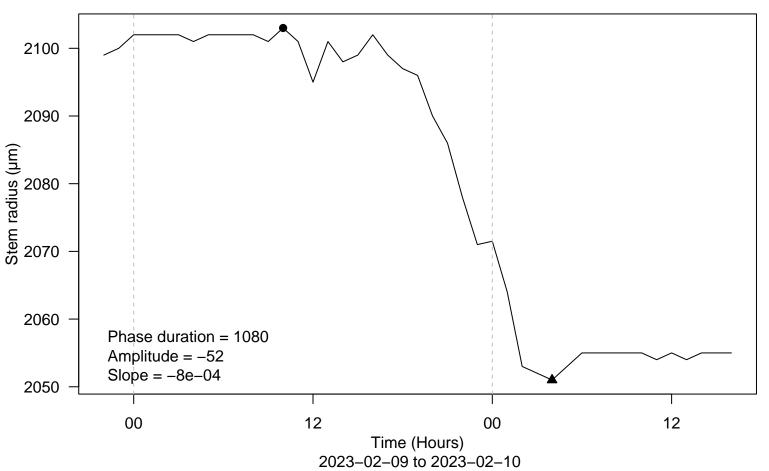
133 Shrinkage



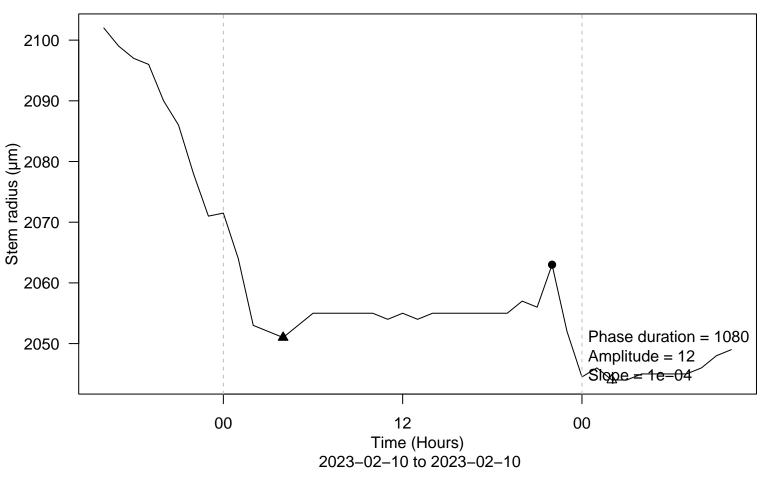
133 Expansion



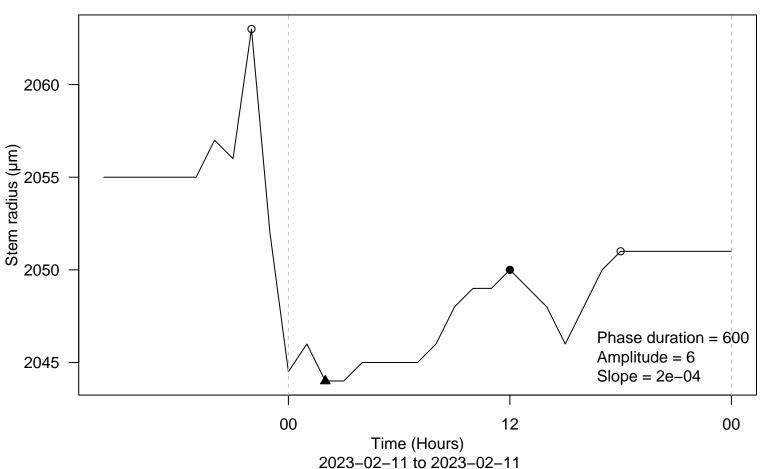
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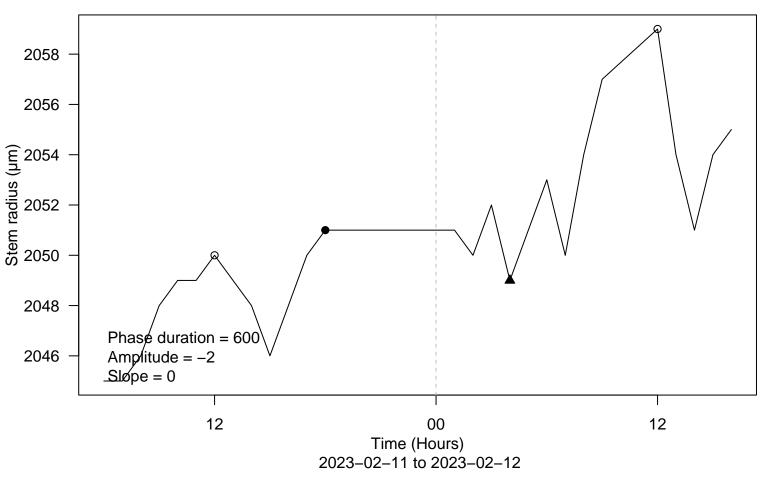
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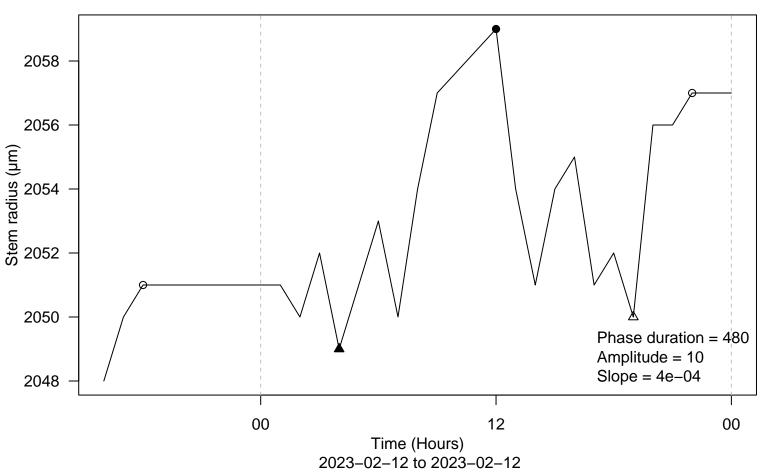
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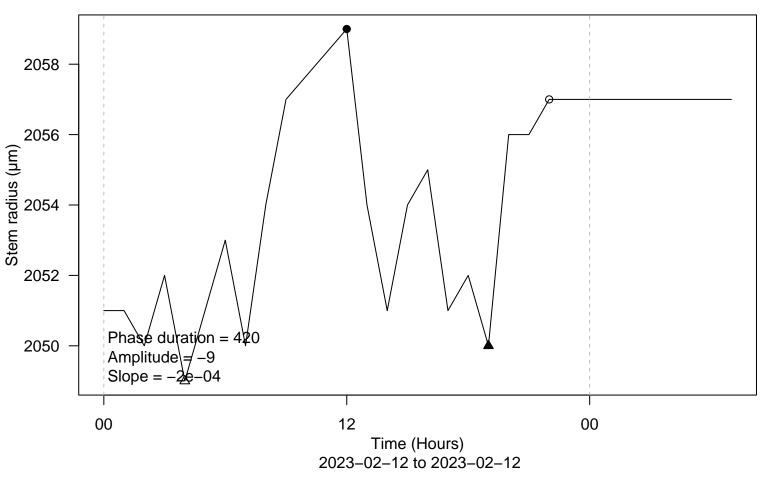
133 Shrinkage



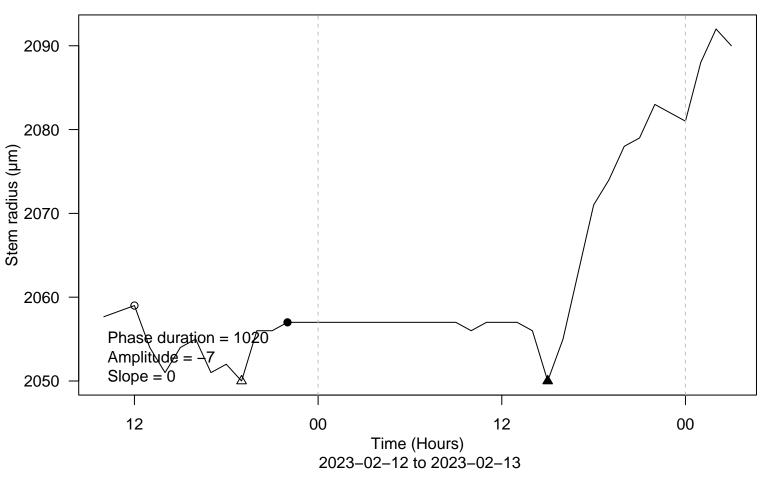
133 Expansion



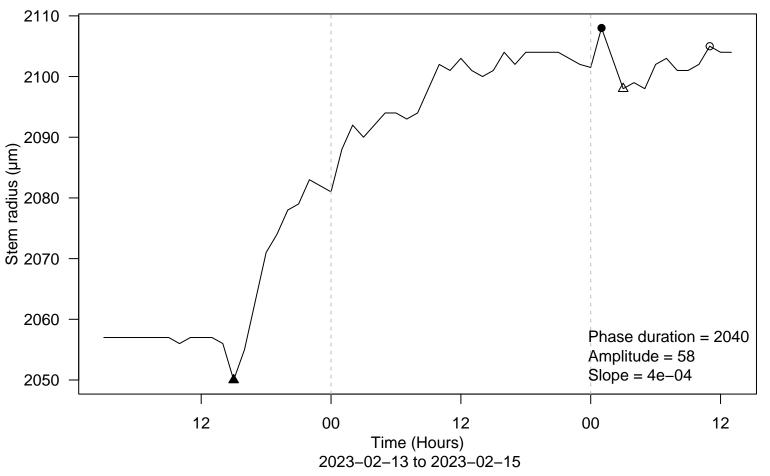
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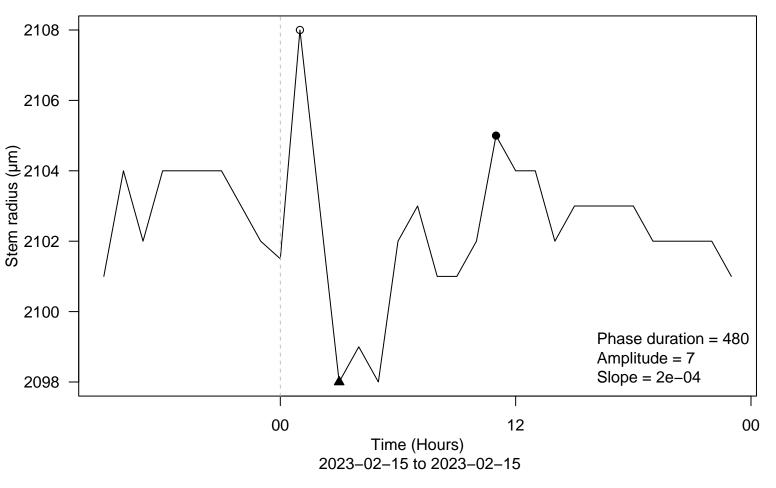
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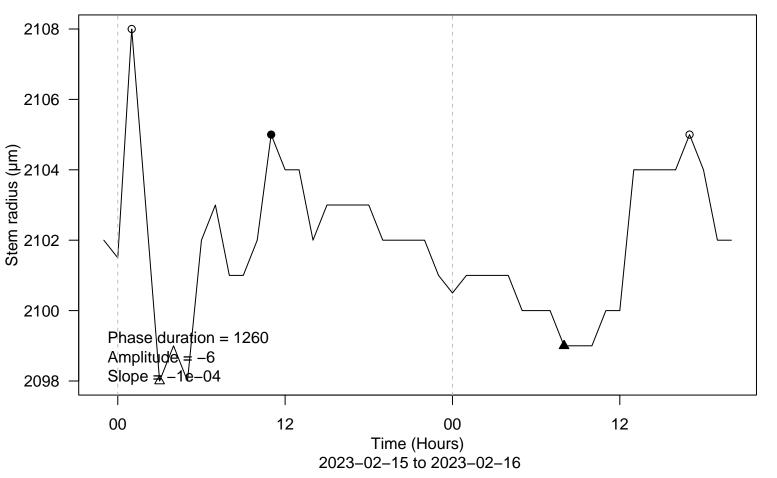
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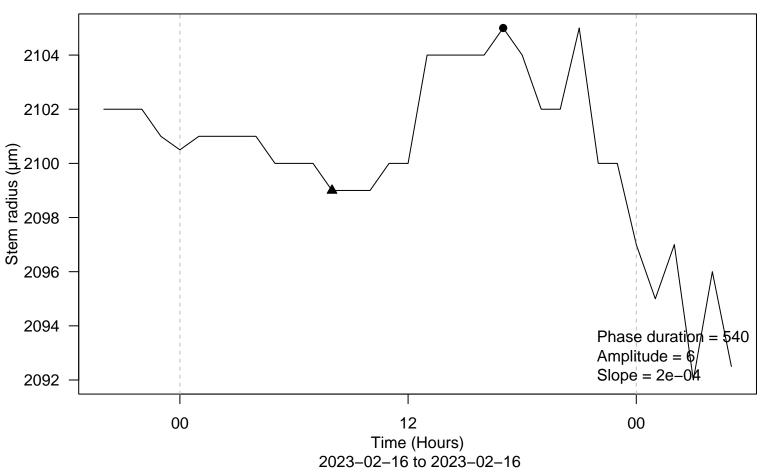
133 Expansion



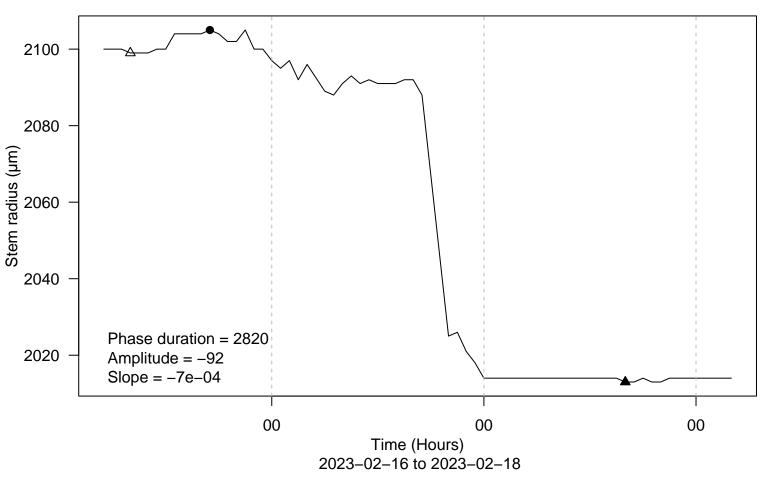
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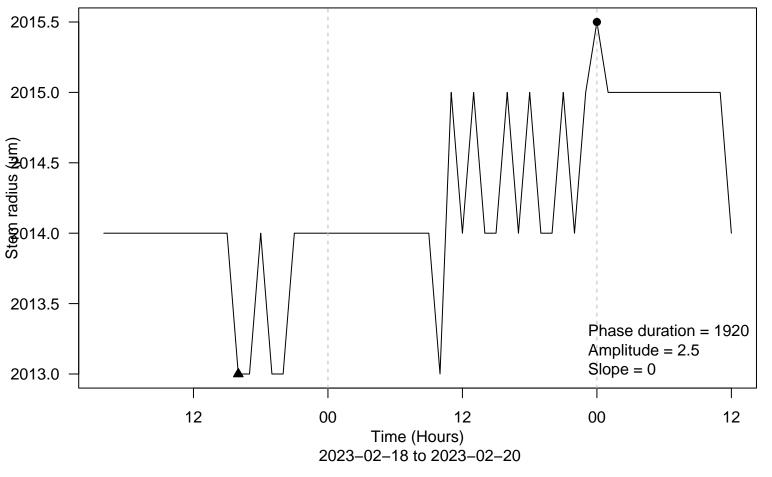
133 Expansion



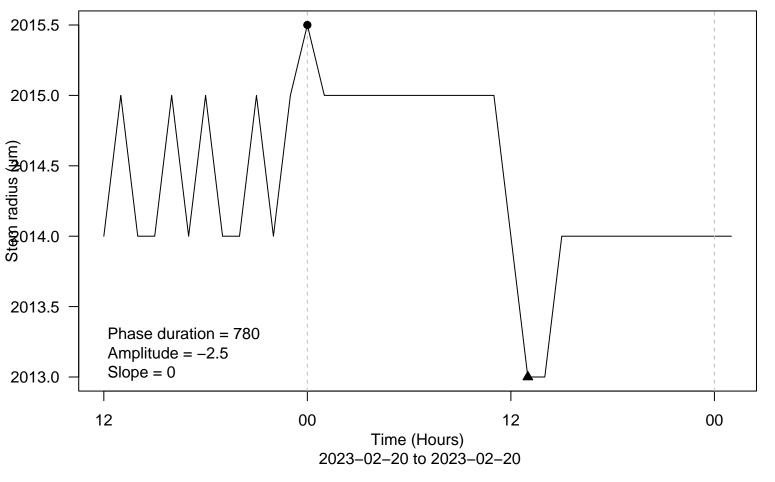
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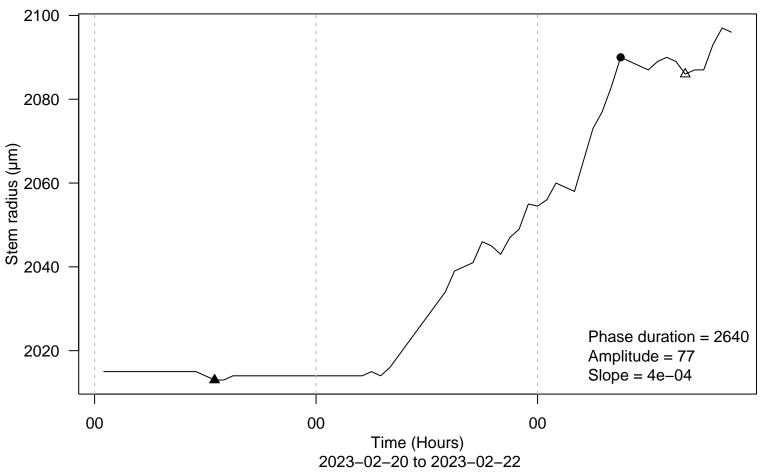
133 Expansion



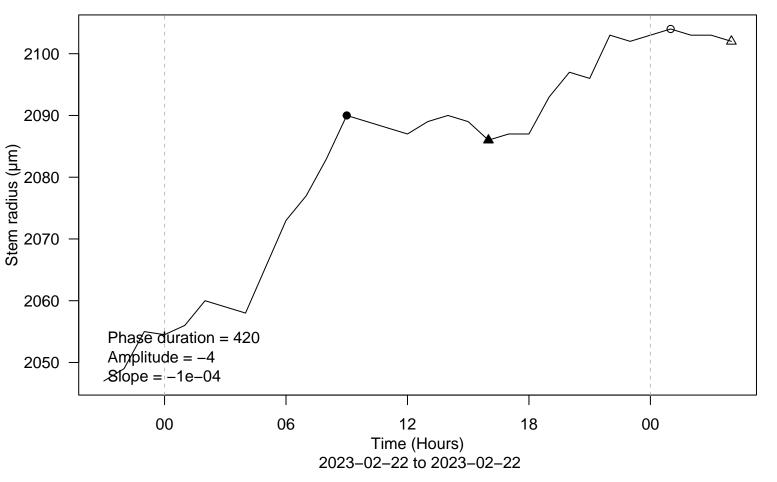
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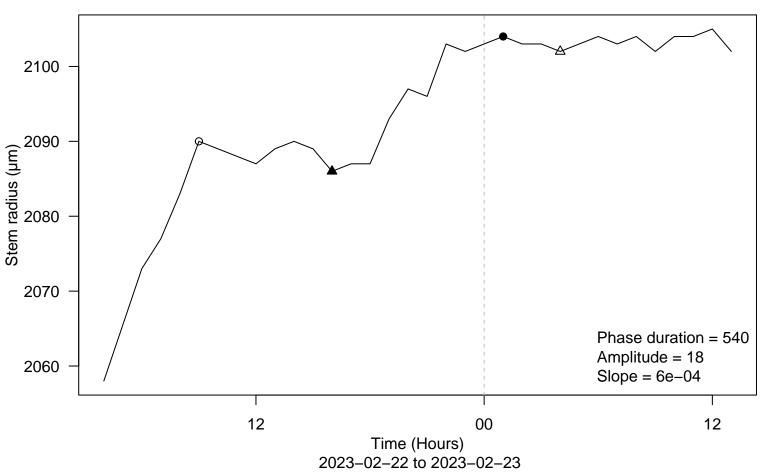
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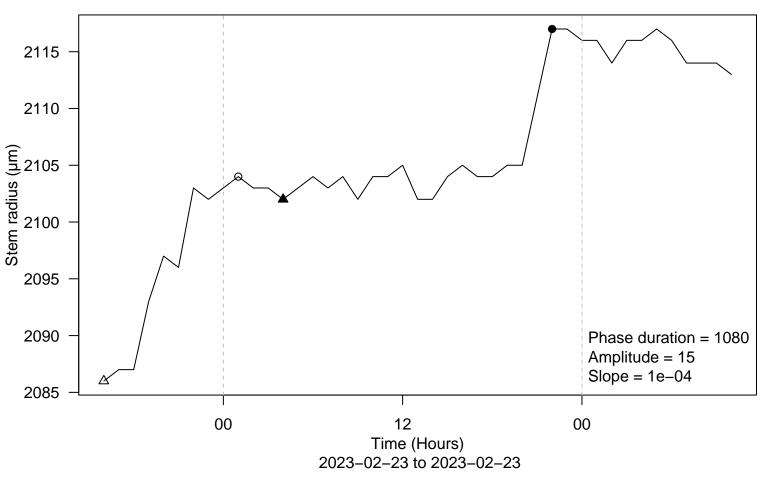
133 Shrinkage



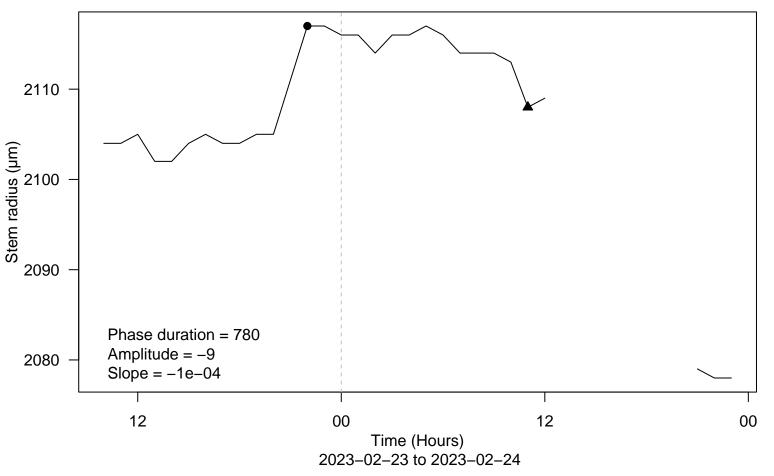
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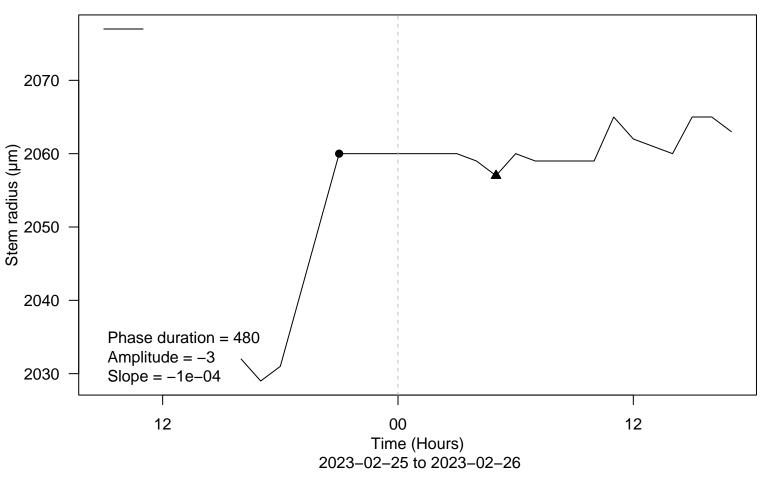
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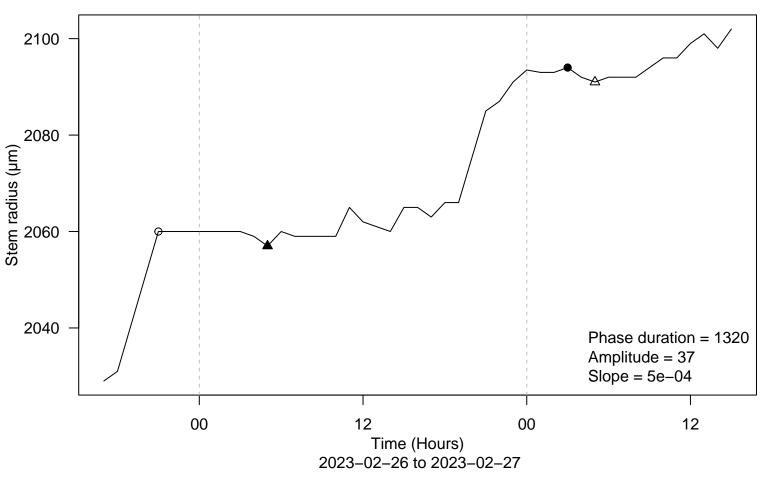
133 Shrinkage



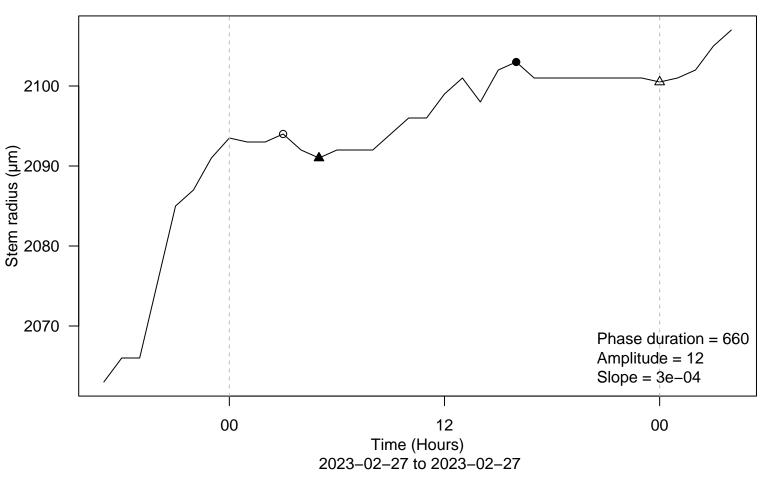
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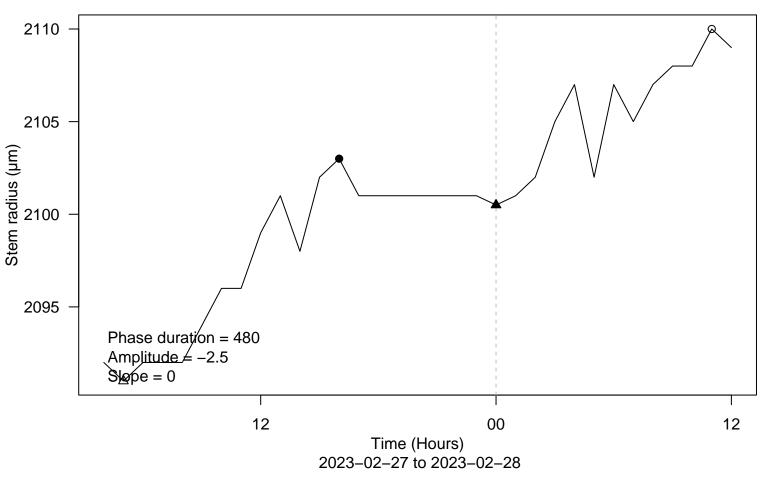
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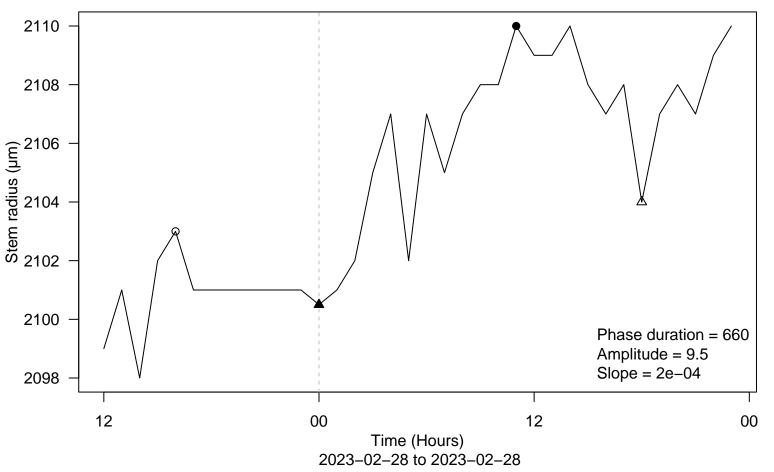
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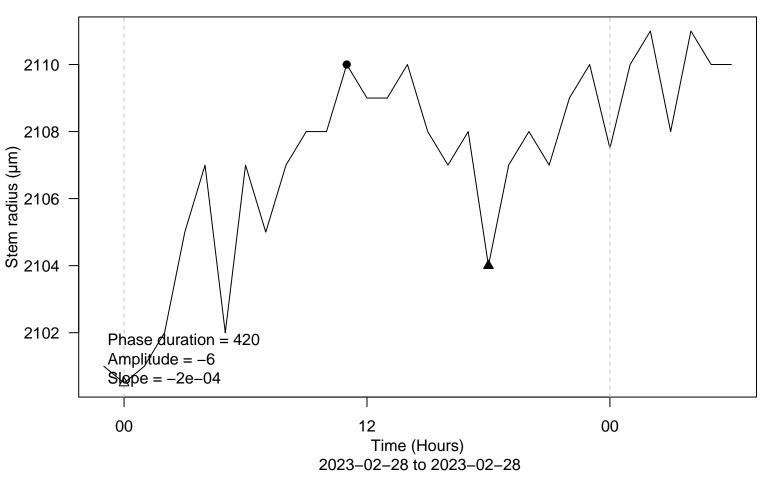
133 Shrinkage



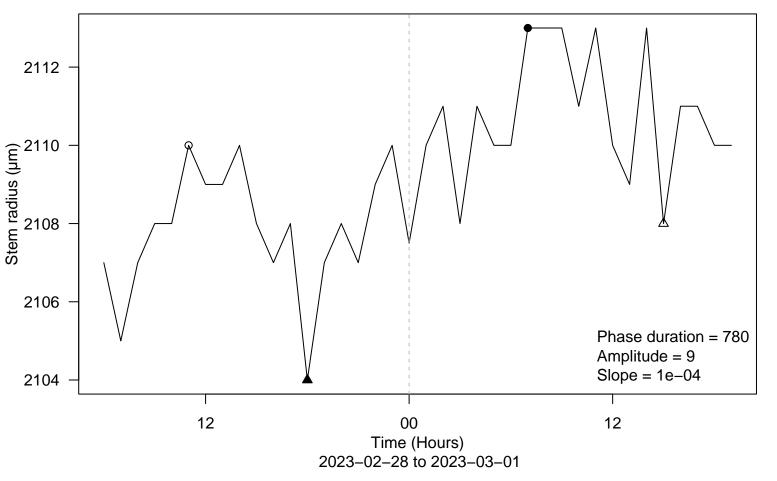
133 Expansion



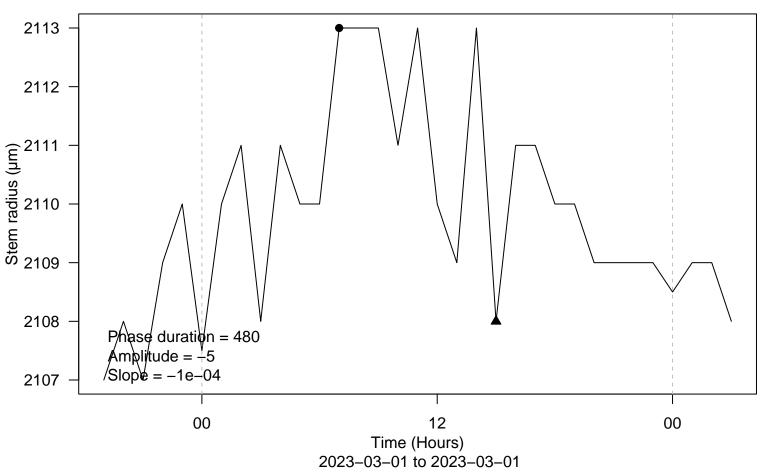
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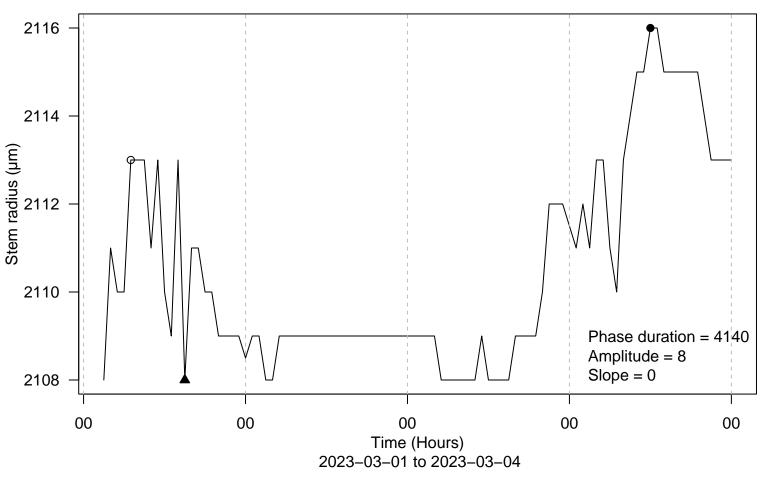
133 Expansion



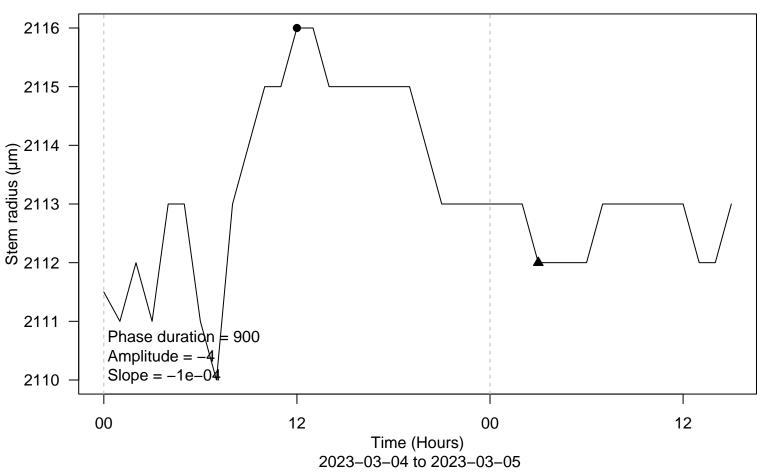
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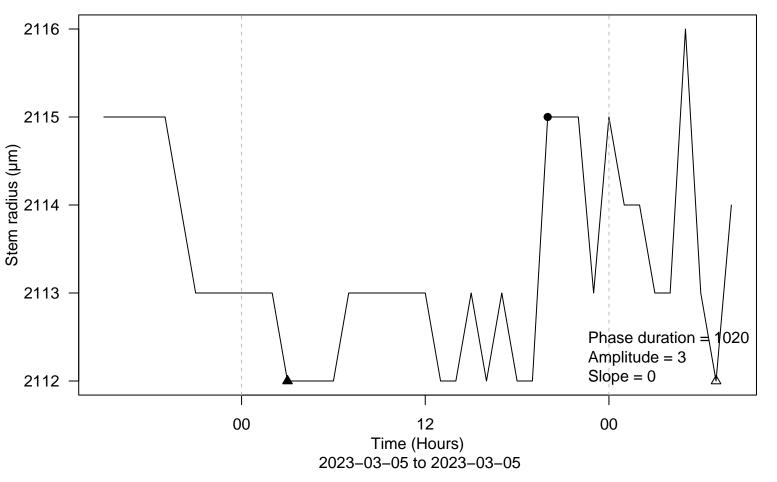
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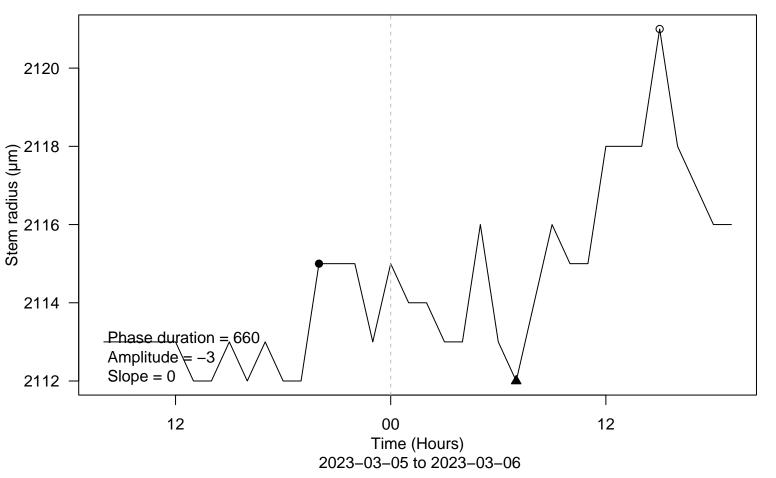
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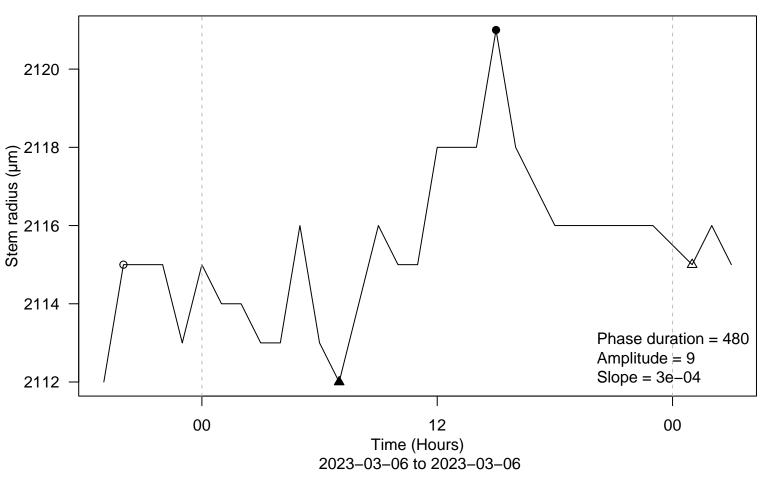
133 Expansion



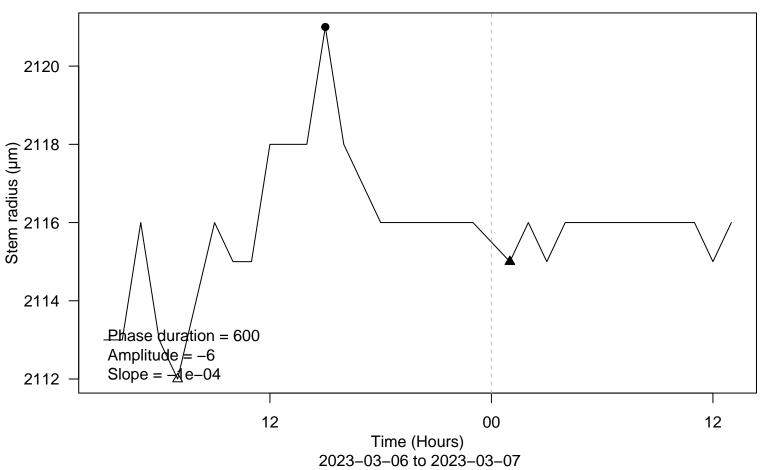
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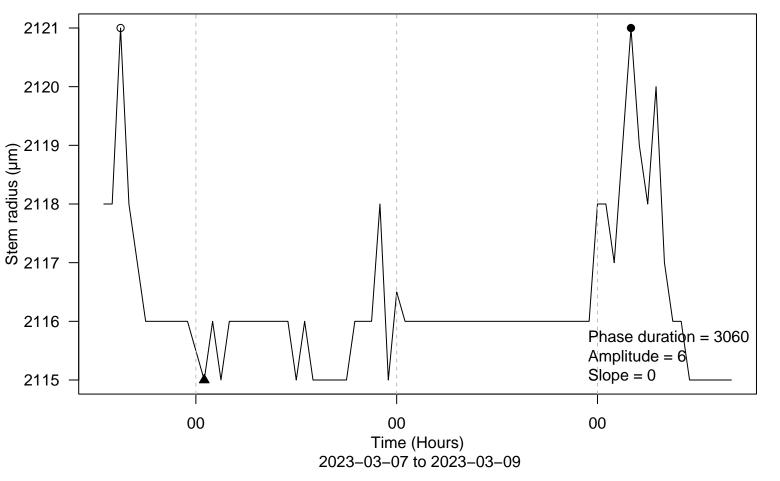
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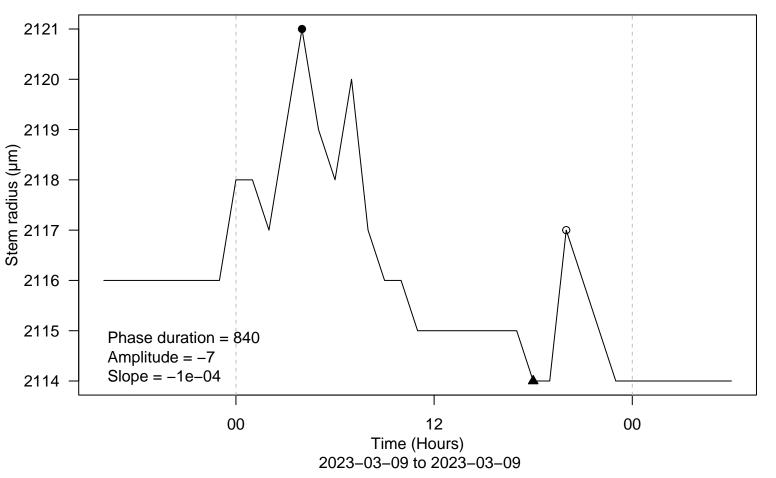
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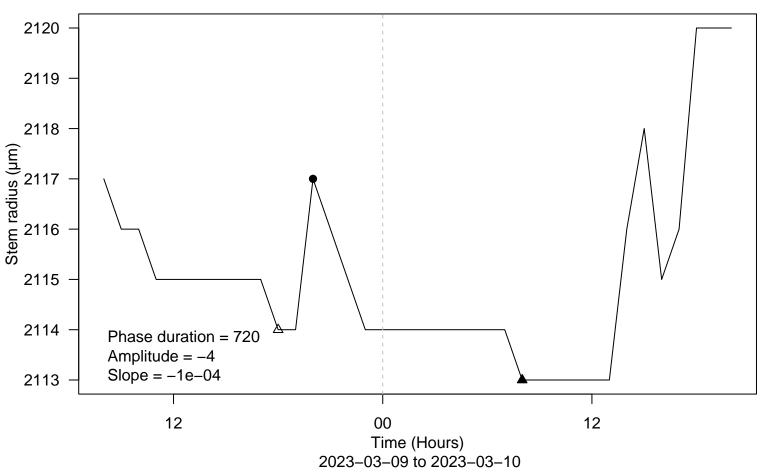
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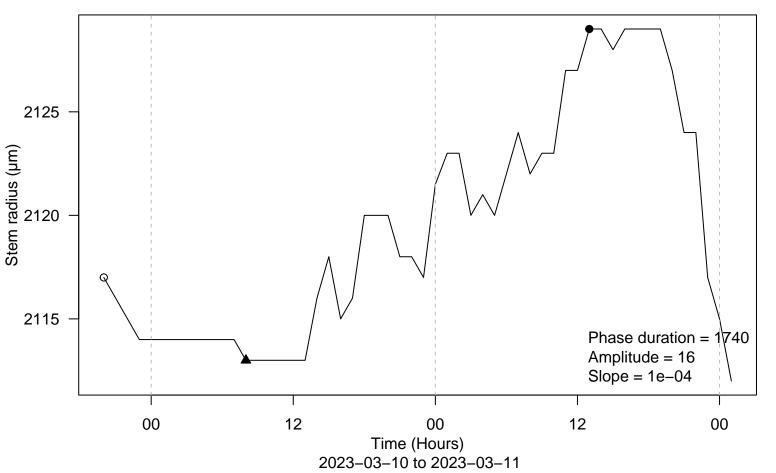
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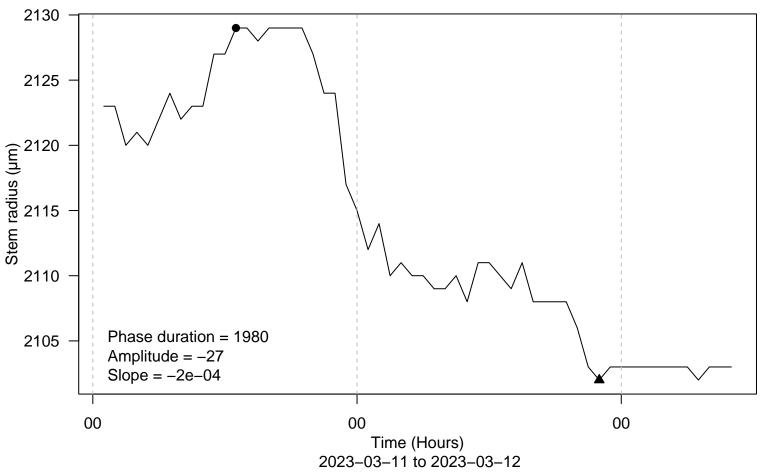
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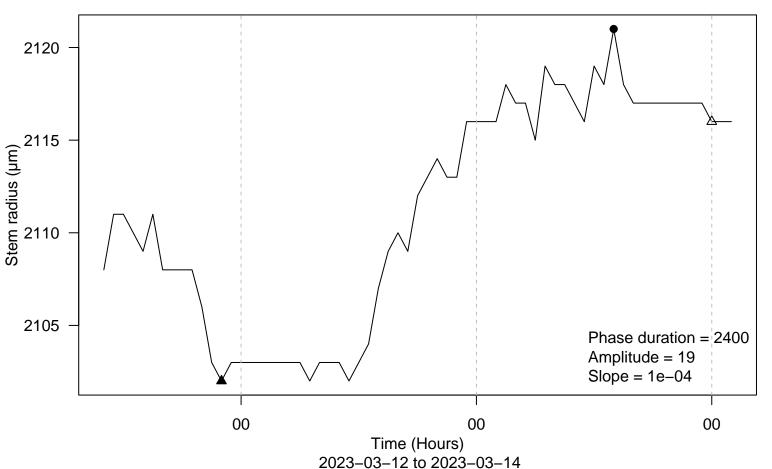
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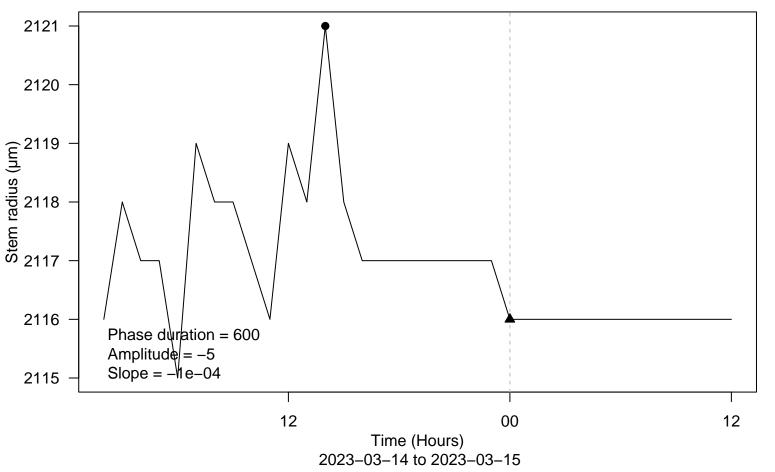
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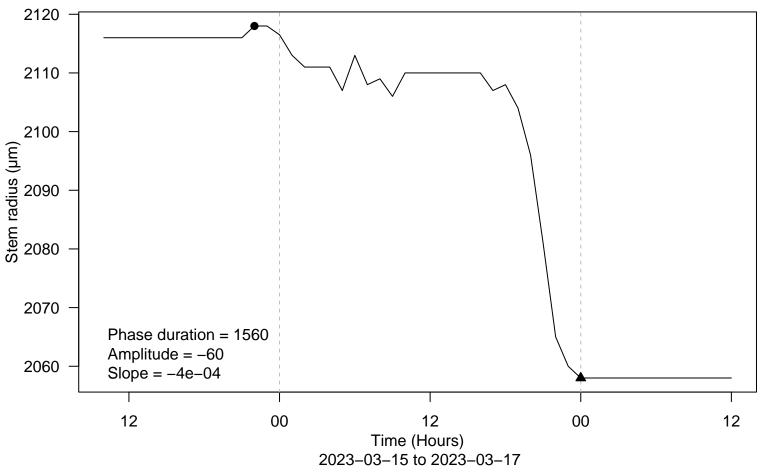
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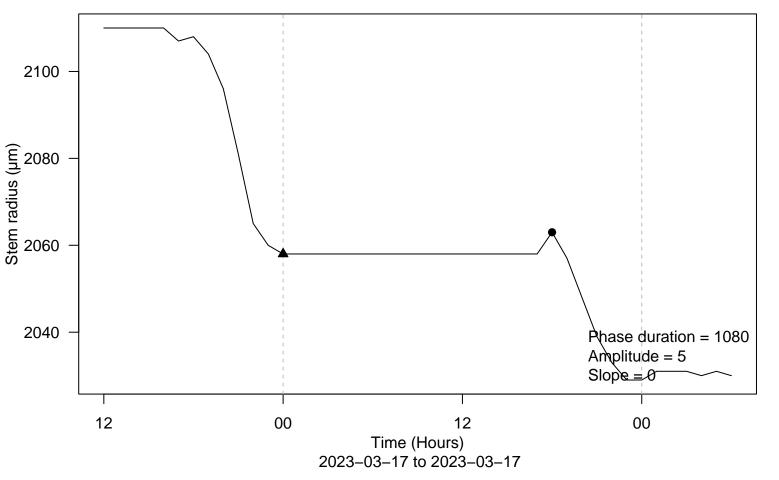
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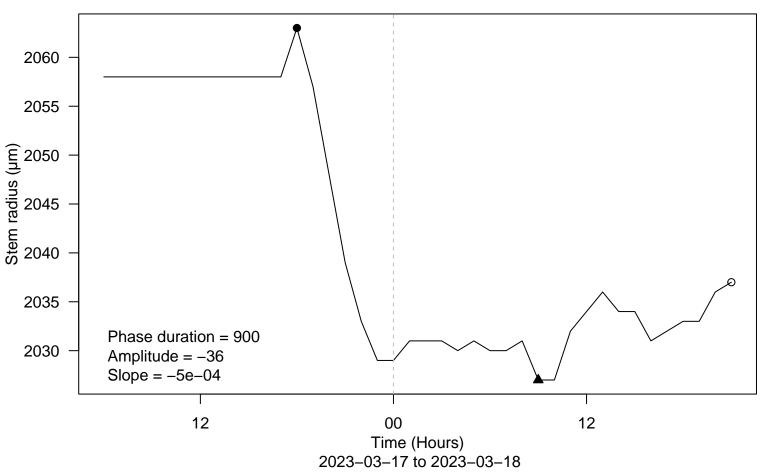
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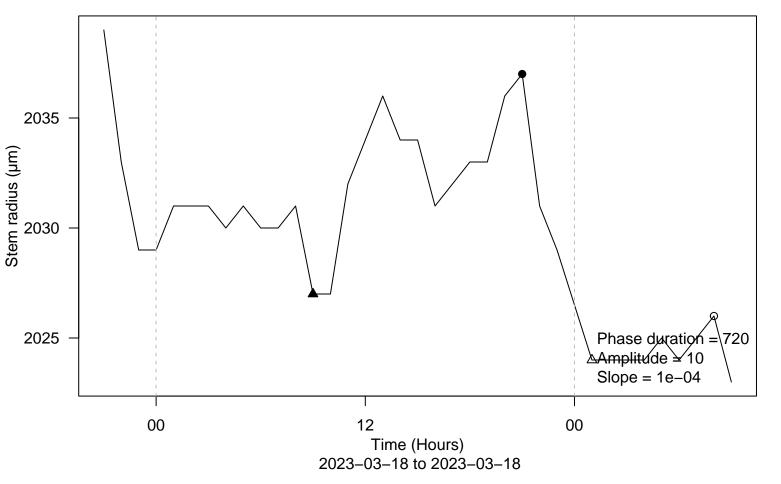
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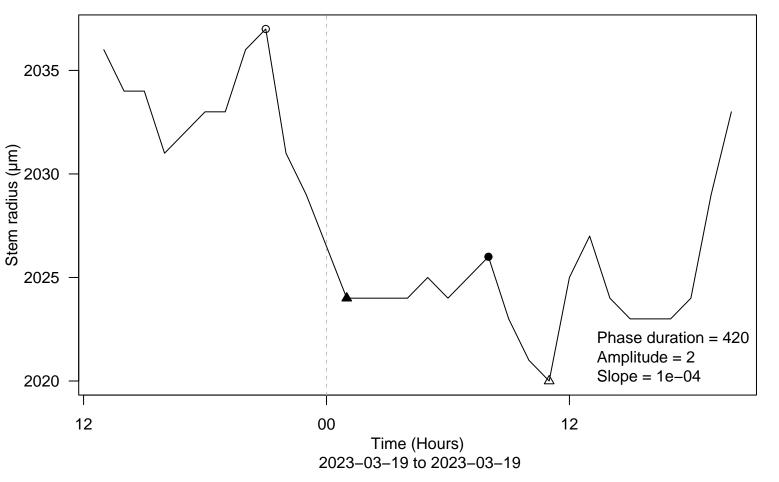
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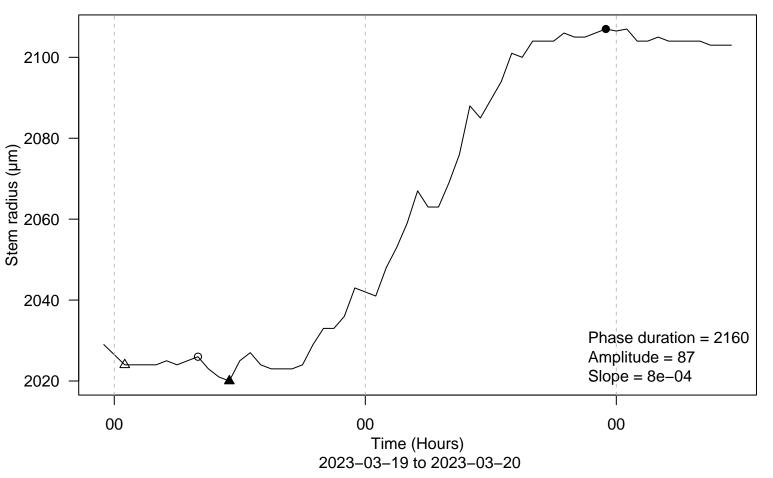
133 Expansion



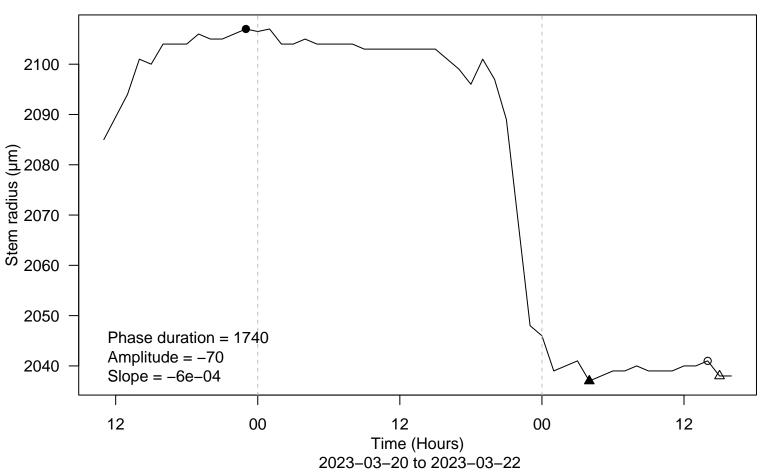
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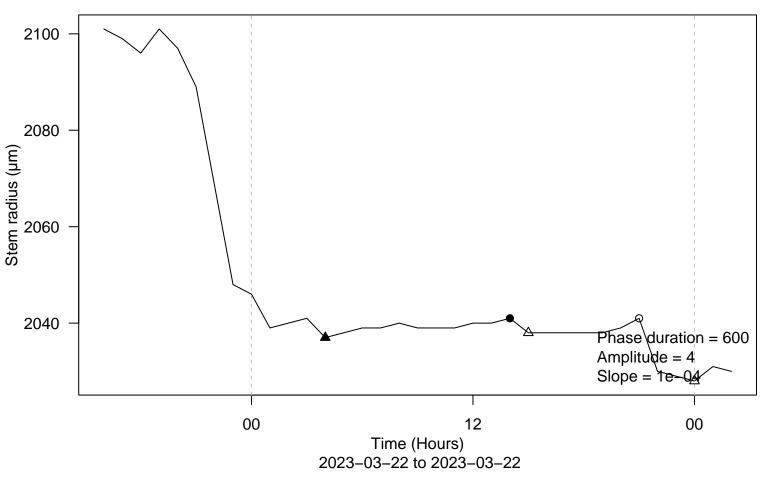
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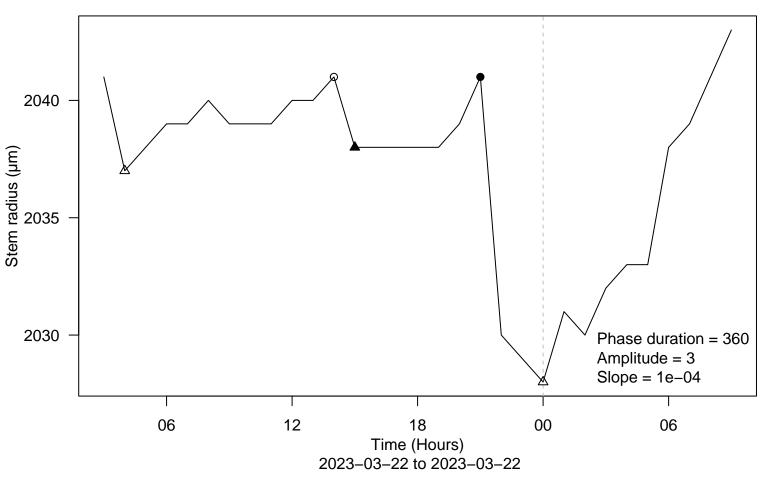
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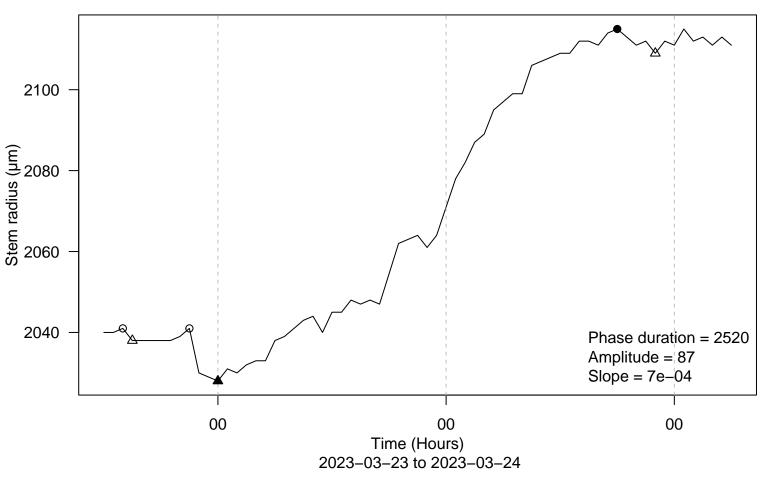
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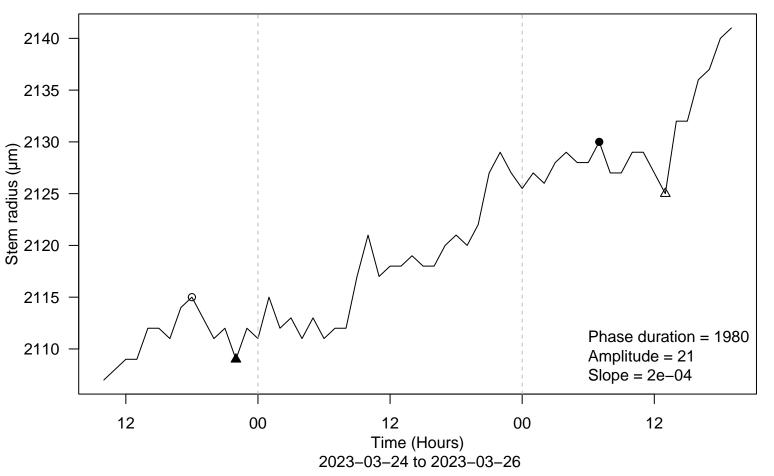
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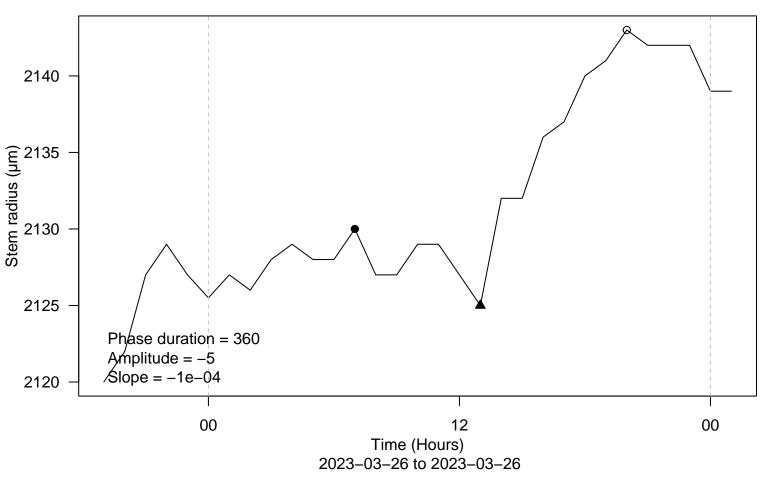
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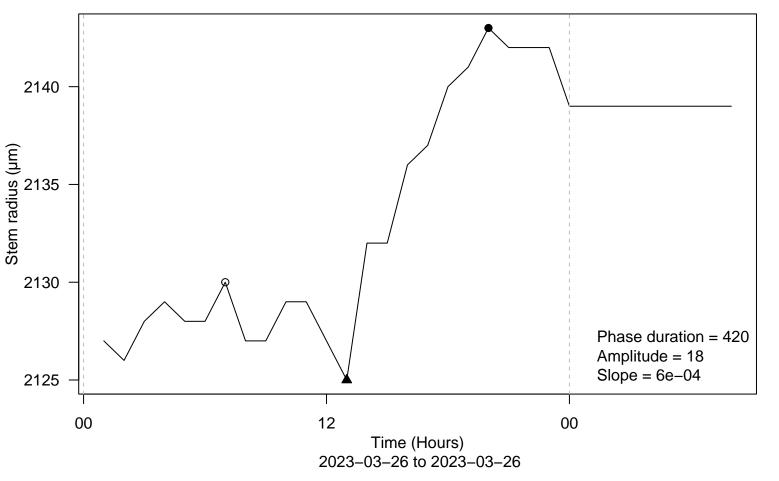
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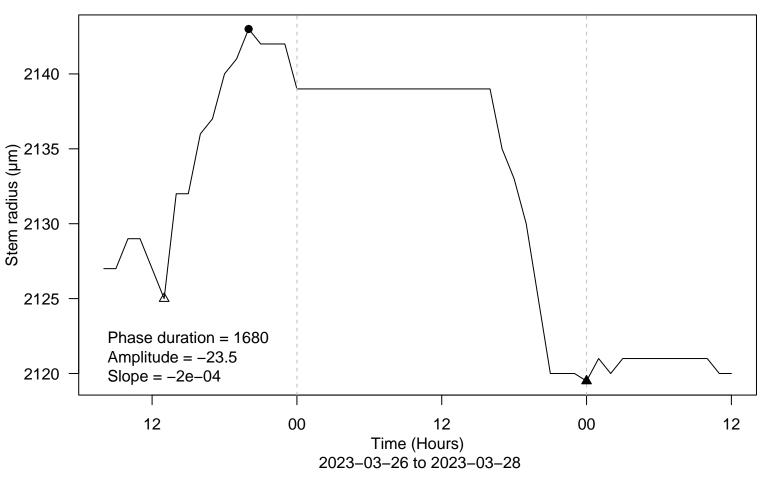
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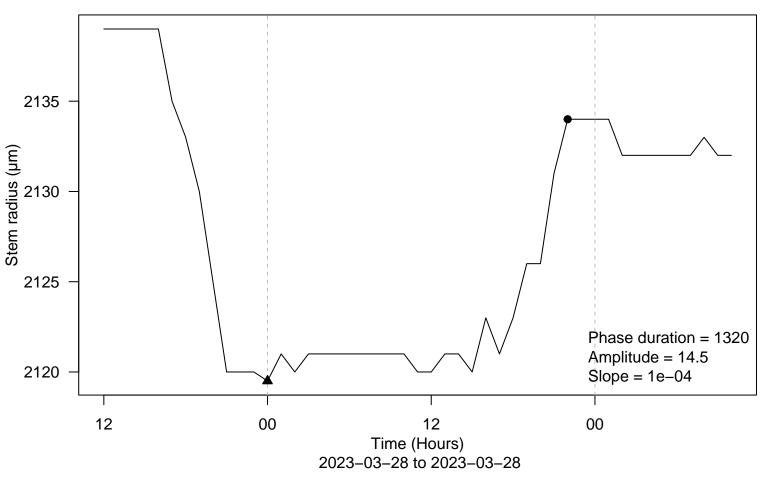
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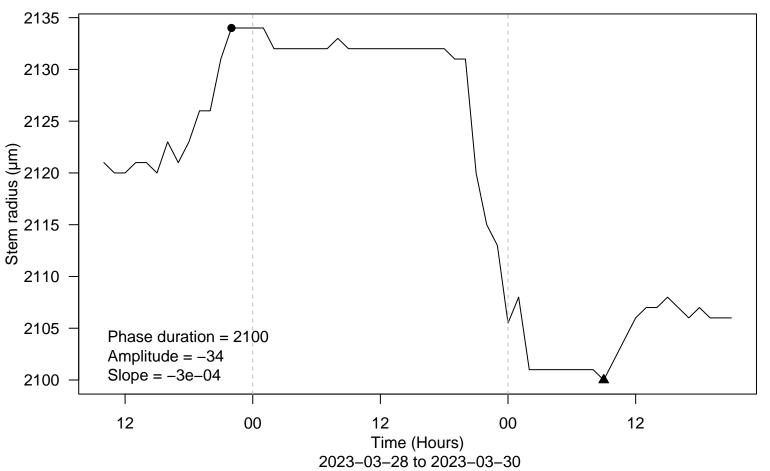
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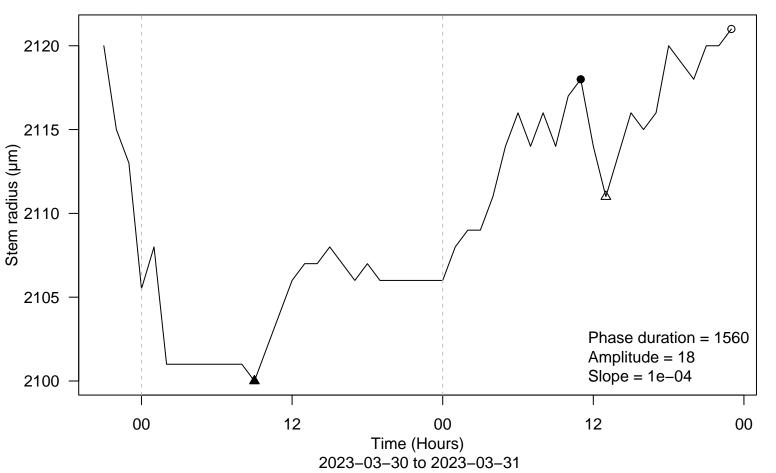
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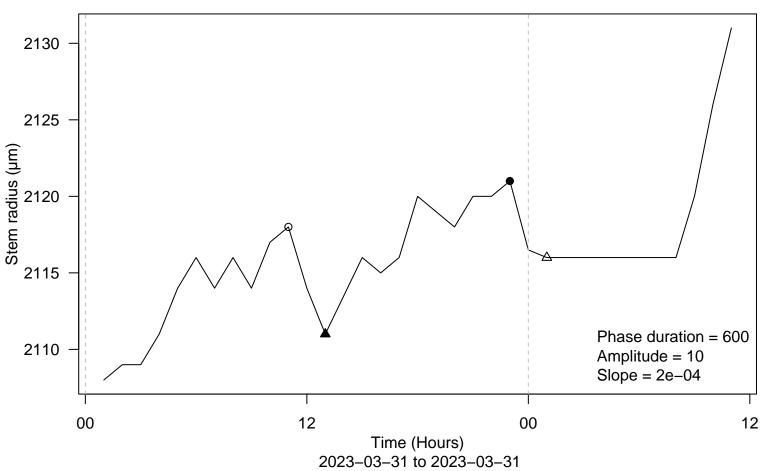
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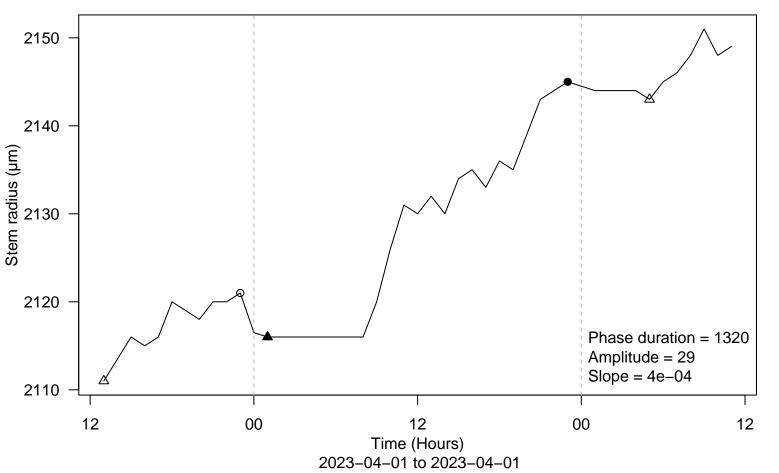
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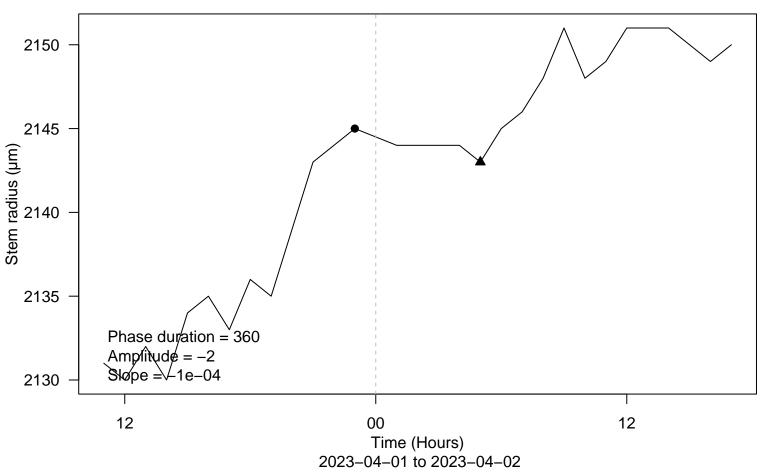
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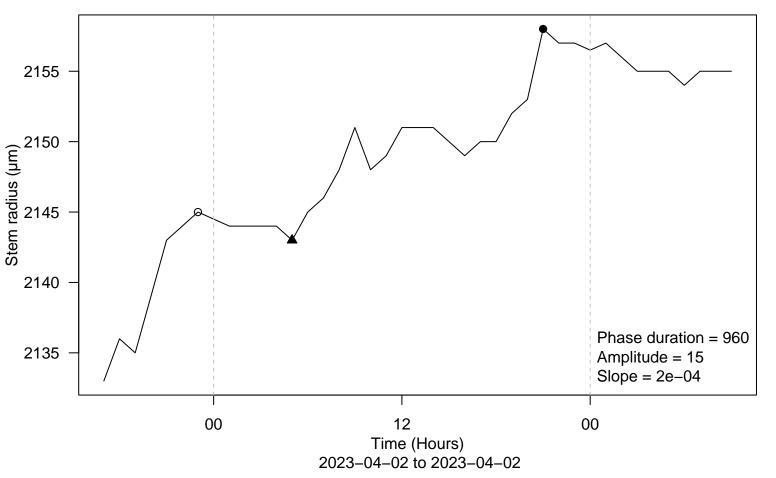
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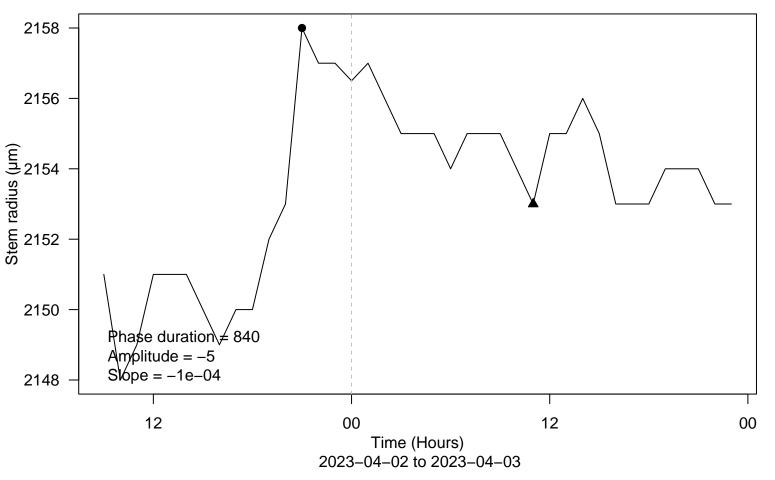
133 Shrinkage



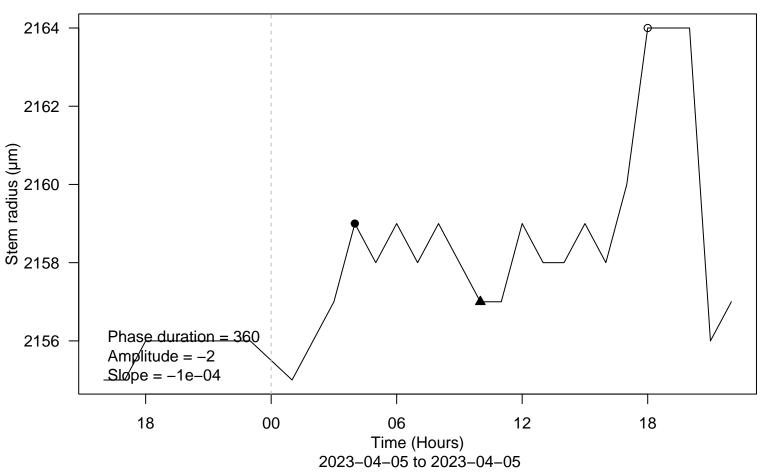
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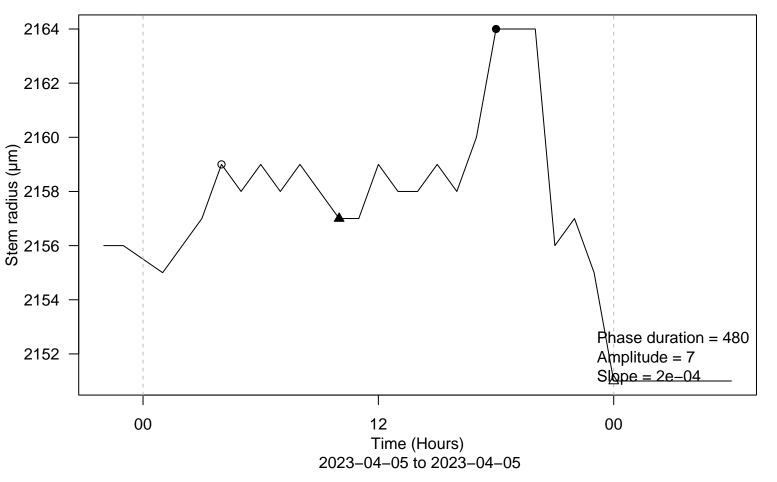
133 Shrinkage



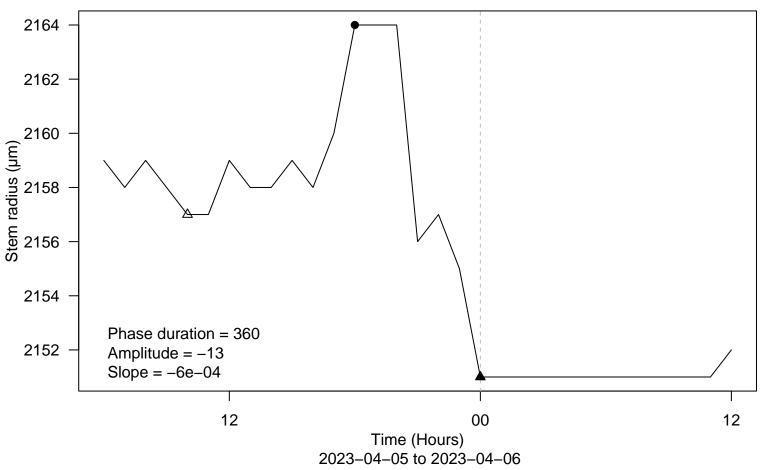
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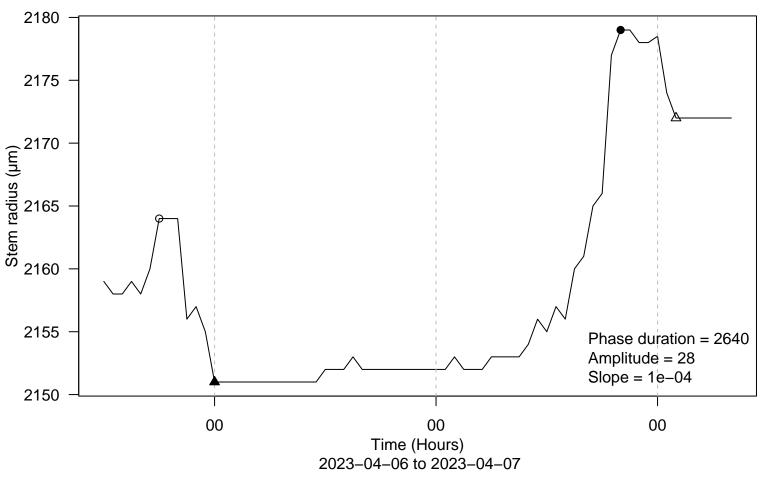
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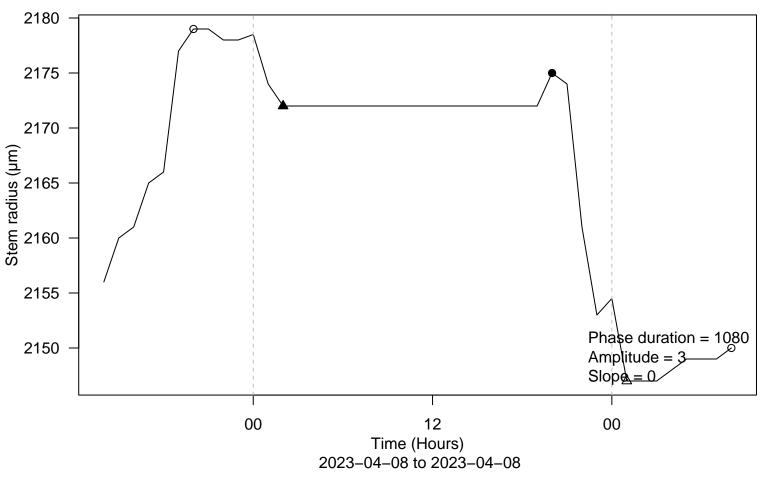
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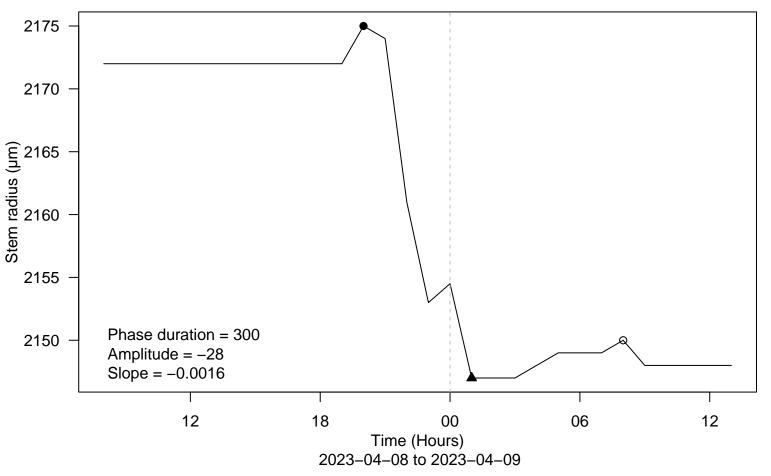
Shrinkage 2180 2175 Stem radius (µm) 2110 2110 2160 -Phase duration \Rightarrow 360 Amplitude = -7 Slope = -3e-04 2155 -12 18 00 06 12 Time (Hours) 2023-04-07 to 2023-04-08

133

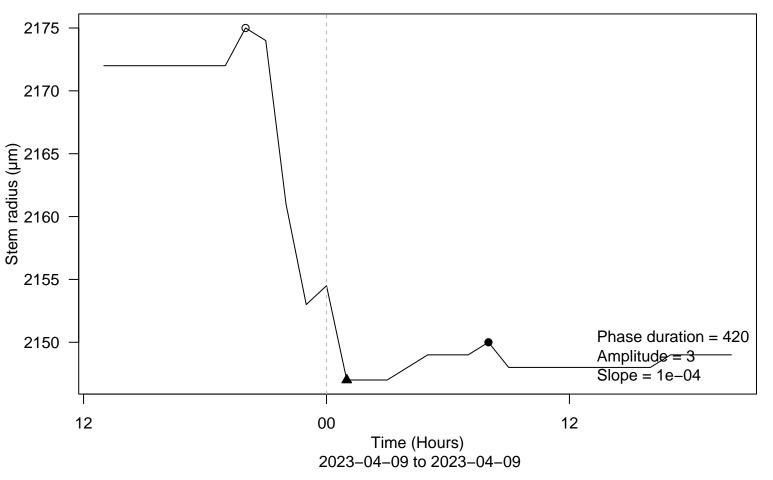
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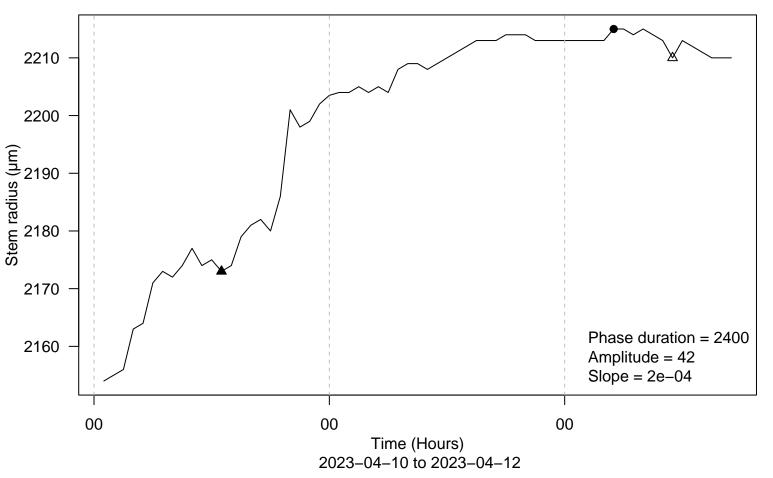
133 Shrinkage



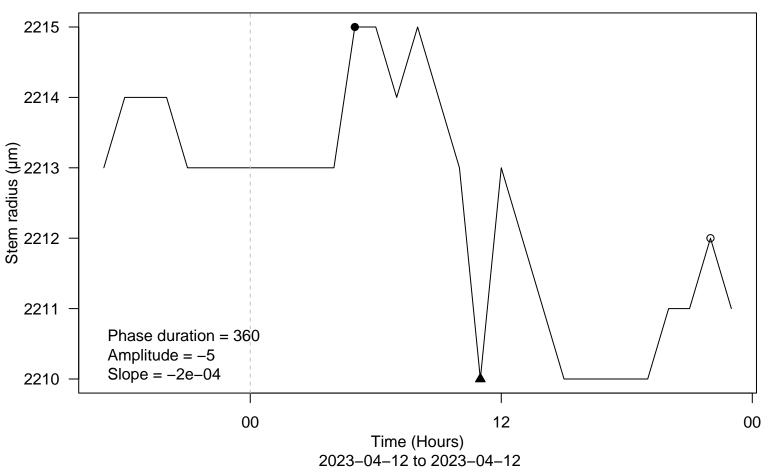
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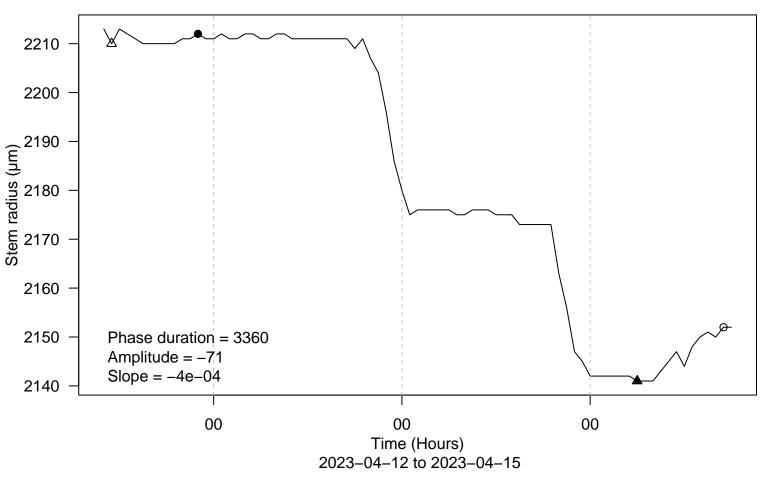
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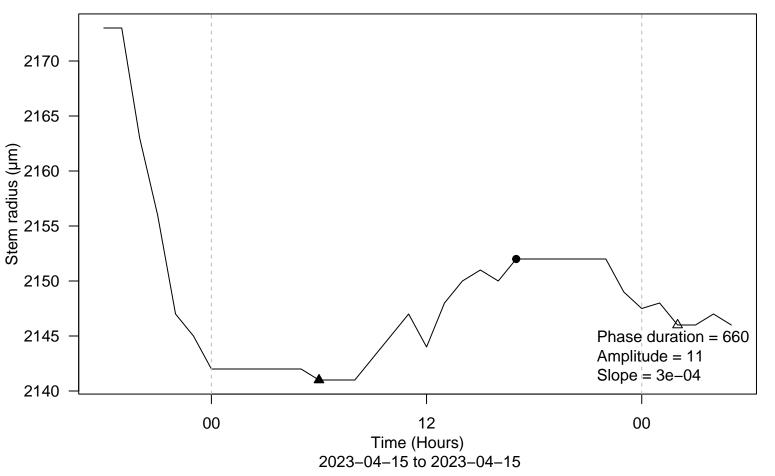
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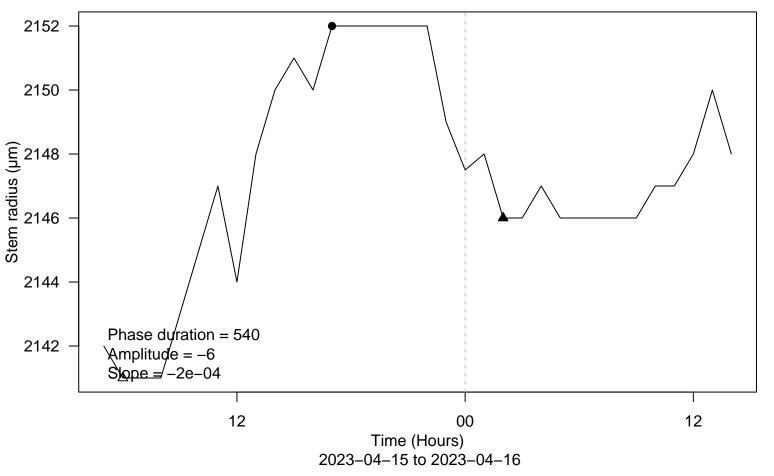
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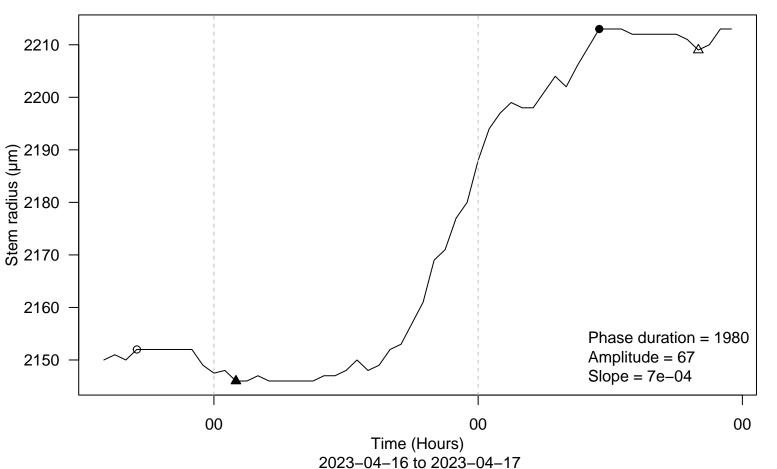
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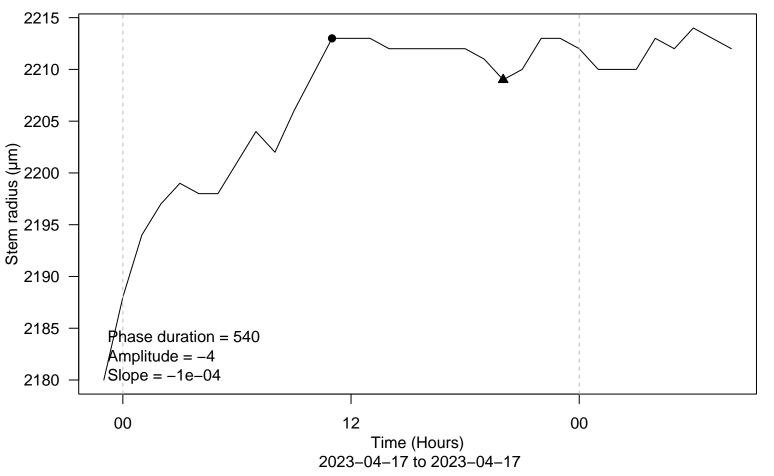
133 Shrinkage



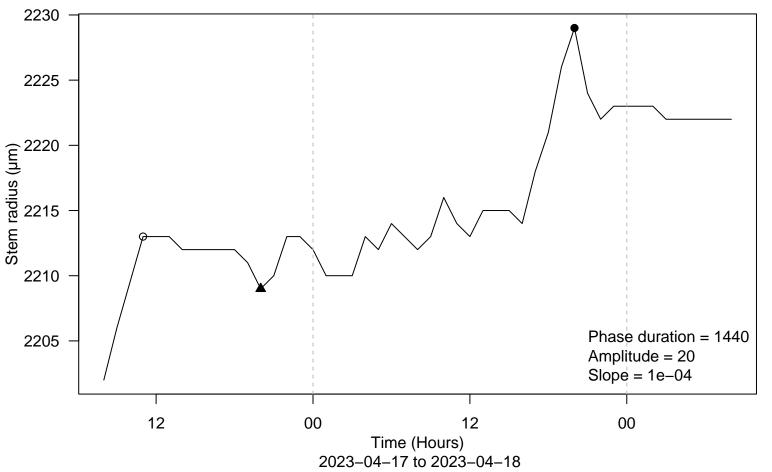
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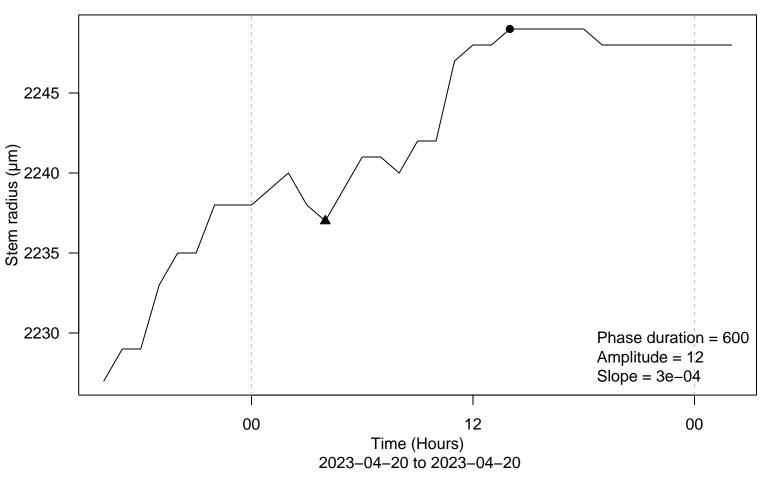
133 Shrinkage



133 Expansion



133 Expansion



133 Expansion

