

Caloosahatchee Estuary BMAP Water Quality Monitoring and Analyses

Statistical Output

Table E-2. Summary of POR and data availability for tributary stations

Note: N/A = Not applicable. *Only includes useful POR start/end. Other data exist past this end point but were not used in analyses.

****Station did not have five consecutive years of data in STORET. Data were not used for trend analysis from these stations.**

WBID	Station	Parameter	POR Start	POR End	Number of Samples
3240A2	300	TN	May-08	Mar-17	104
3240A2	300	TP	N/A	N/A	0
3240A1	400	TN	May-08	Mar-17	103
3240A1	400	TP	N/A	N/A	0
3240A1	470	TN	May-08	Mar-17	103
3240A1	470	TP	N/A	N/A	0
3240A1	540	TN	May-08	Mar-17	104
3240A1	540	TP	N/A	N/A	0
3240A1	590	TN	May-08	Mar-17	103
3240A1	590	TP	N/A	N/A	0
3240A1	600	TN	May-08	Mar-17	103
3240A1	600	TP	N/A	N/A	0
3240O	16-3GR	TN	May-08	Apr-17	106
3240O	16-3GR	TP	May-08	Apr-17	106
3240O	18-6GR	TN	Jun-08	Nov-14*	86
3240O	18-6GR	TP	Jun-08	Nov-14*	86
3240F	20-9GR	TN	May-08	Apr-17	107
3240F	20-9GR	TP	May-08	Apr-17	107
3240F	22-7GR	TN	May-08	Jan-17	96
3240F	22-7GR	TP	May-08	Jan-17	96
3240Q	23-5GR	TN	May-08	Apr-17	107
3240Q	23-5GR	TP	May-08	Apr-17	107
3240M	24-7GR	TN	May-08	Apr-17	107
3240M	24-7GR	TP	May-08	Apr-17	107
3240M	25-GR20	TN	May-08	Nov-14*	78
3240M	25-GR20	TP	May-08	Nov-14*	78
3240M	27-6GR	TN	May-08	Apr-17	107
3240M	27-6GR	TP	May-08	Apr-17	107
3240M	27O-GR20	TN	May-08	Feb-17	106
3240M	27O-GR20	TP	May-08	Feb-17	106
3240J	BILLGR20	TN	May-08	Apr-17	108
3240J	BILLGR20	TP	May-08	Apr-17	108
3236A	CALUSA0024FTM	TN	Jan-11	Apr-17	76
3236A	CALUSA0024FTM	TP	Jan-11	Apr-17	76
3236A	CALUSA0025FTM	TN	Jan-11	Apr-17	76
3236A	CALUSA0025FTM	TP	Jan-11	Apr-17	76

WBID	Station	Parameter	POR Start	POR End	Number of Samples
3236A	CALUSA0054FTM	TN	Mar-13	Apr-17**	9
3236A	CALUSA0054FTM	TP	Mar-13	Apr-17**	9
3236A	CFMCARRELL	TN	Jan-13	Dec-16**	48
3236A	CFMCARRELL	TP	May-08	Dec-16**	74
3236A	CFMMANUEL	TN	May-08	Dec-16**	74
3236A	CFMMANUEL	TP	May-08	Dec-16**	74
3236A	CFMWINKLER	TN	Jan-13	Dec-16**	48
3236A	CFMWINKLER	TP	May-08	Dec-16**	74
3236A	DEEPGR10	TN	May-08	Apr-17	108
3236A	DEEPGR10	TP	May-08	Apr-17	108
3236A	POWLGR20	TN	May-08	Apr-17	105
3236A	POWLGR20	TP	May-08	Apr-17	105

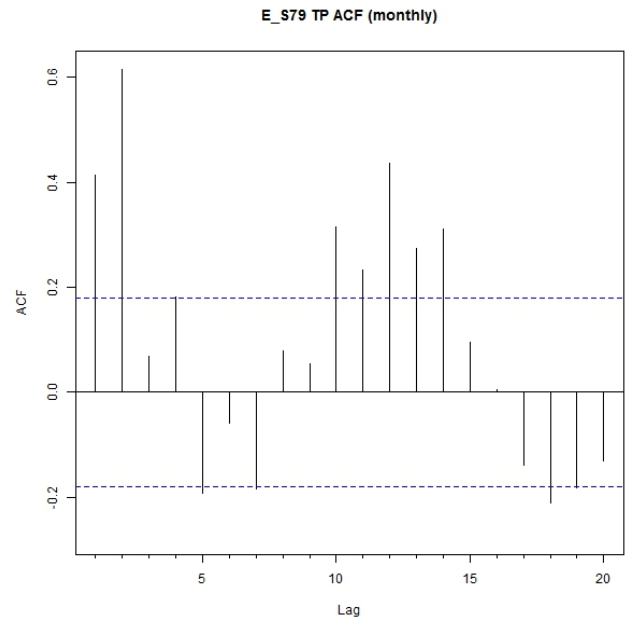
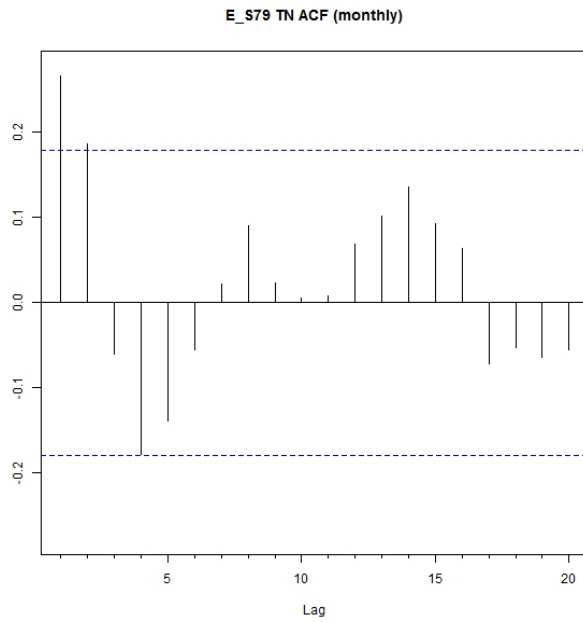
Table E-3. Summary of POR and data availability for WBID datasets

WBID	Parameter	POR Start	POR End	Number of Samples
3240A	TN	May-07	Apr-17	119
3240A	TP	May-07	Apr-17	119
23240B	TN	May-07	Sep-16	106
23240B	TP	May-07	Sep-16	107
3240C	TN	May-07	Sep-16	107
3240C	TP	May-07	Sep-16	107
S79	TN	May-07	Oct-16	102
S79	TP	May-07	Oct-16	102

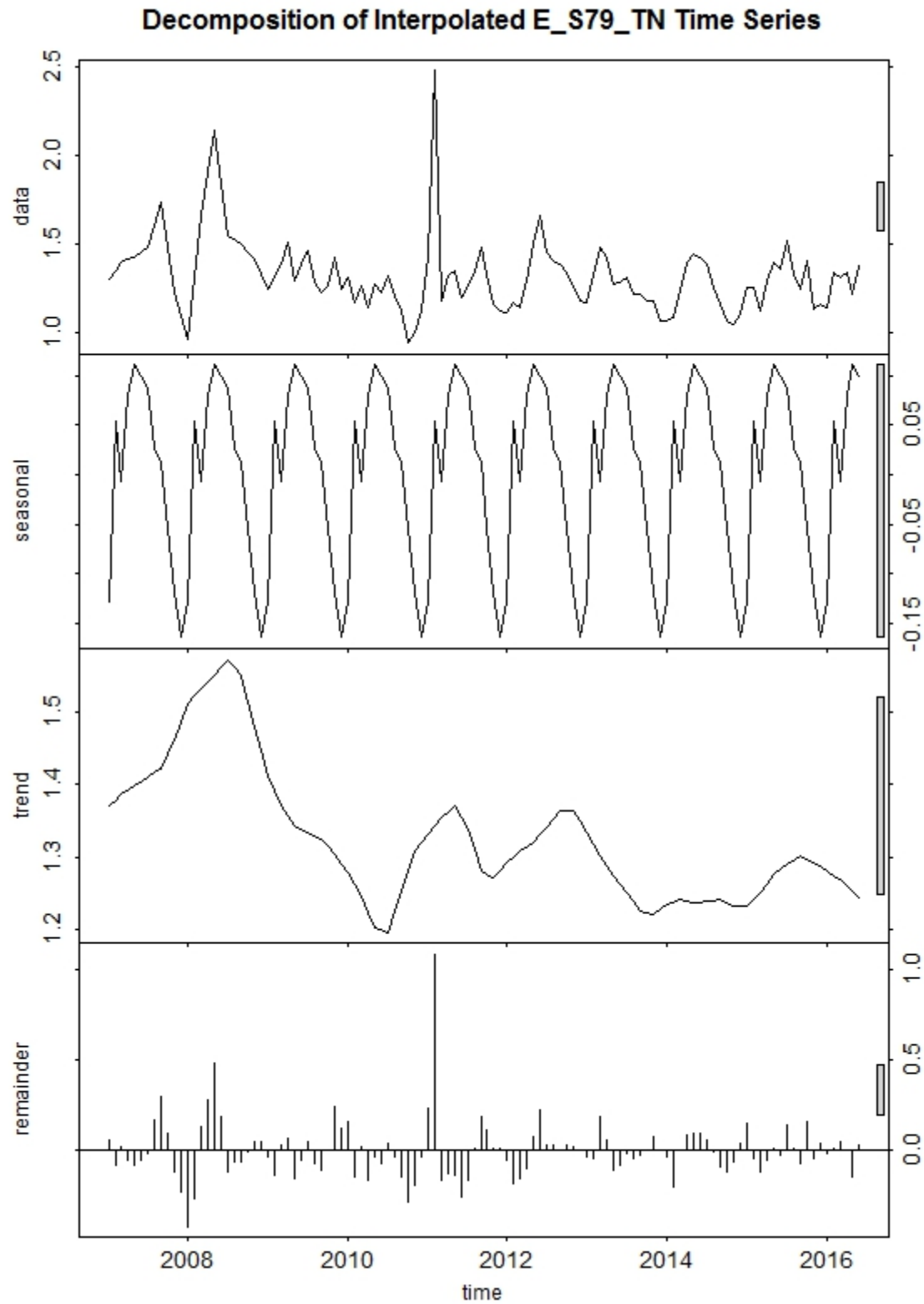
Statistical Output (Autocorrelation Function and Time Series Decomposition Figures per Station)

Station S-79

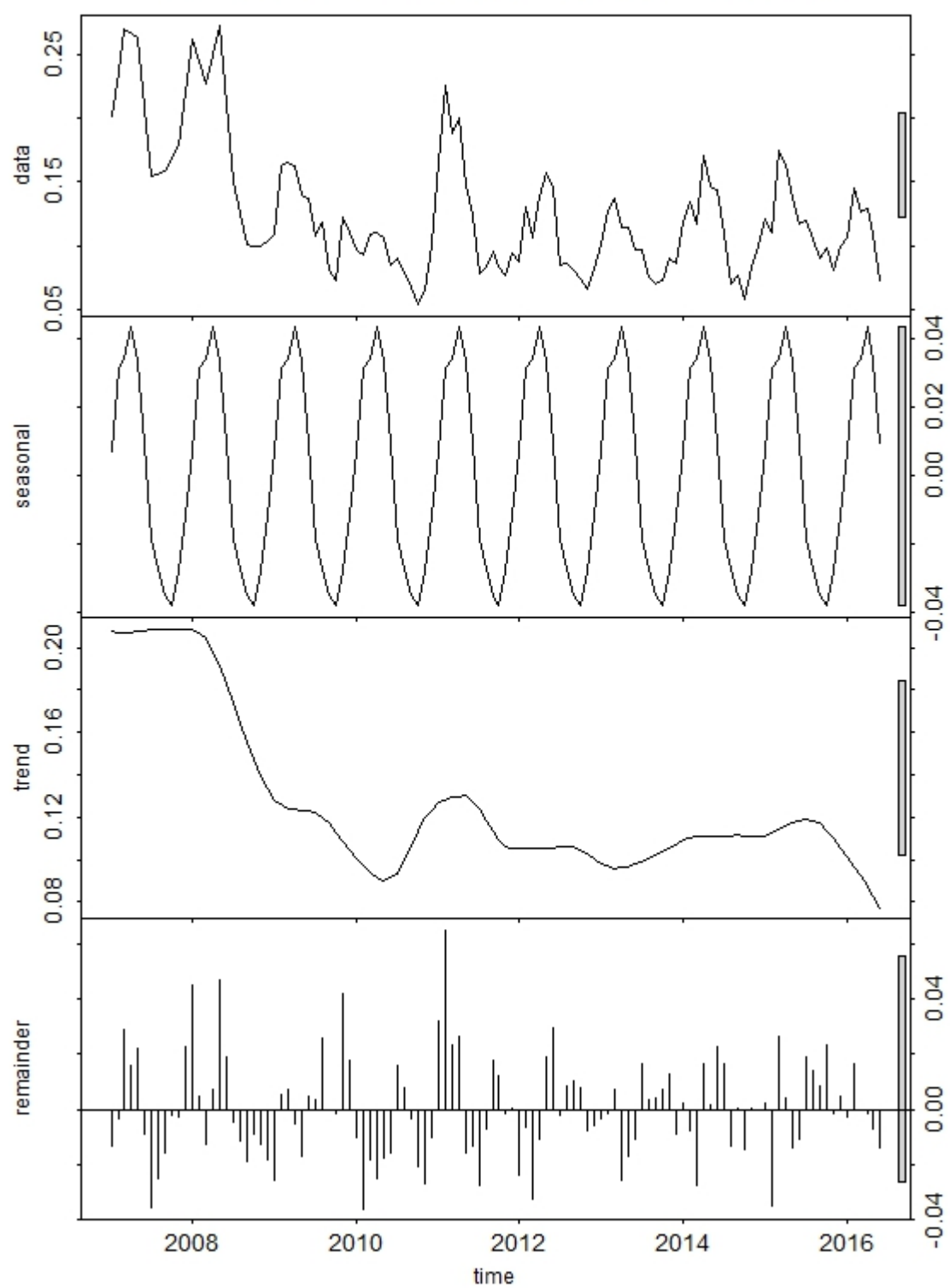
Autocorrelation for Processed and Non-Decomposed Data Series



Time Series Decomposition of Interpolated Data Series

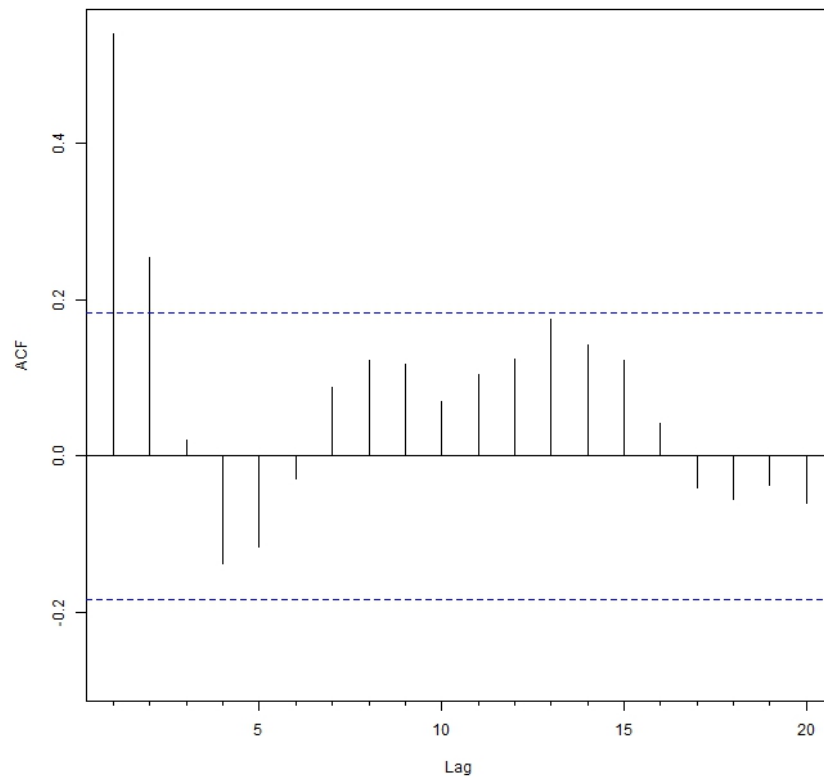


Decomposition of Interpolated E_S79_TP Time Series

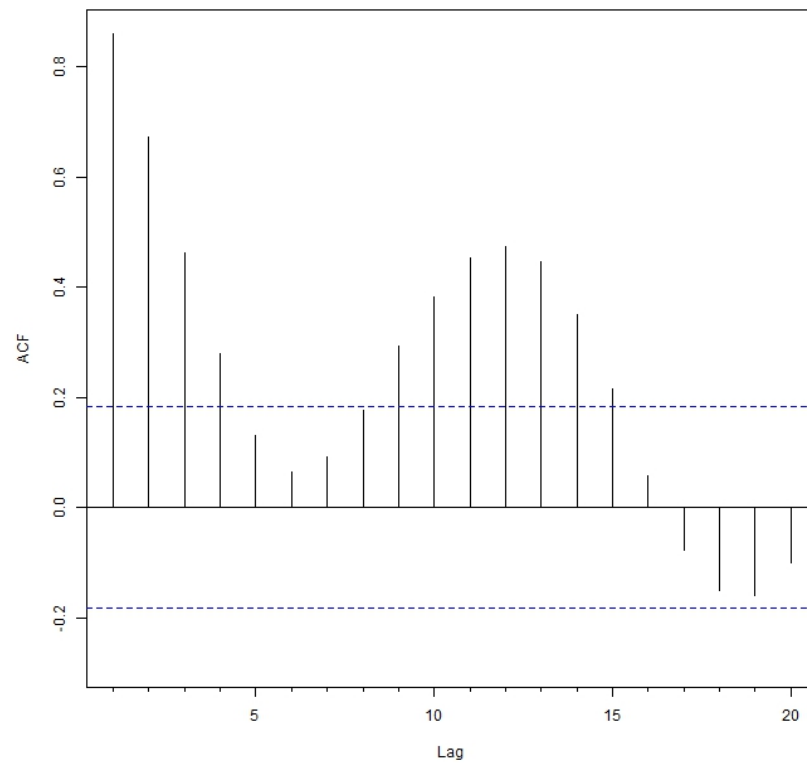


Autocorrelation of Trend Component of Decomposed Series

E_S79_TN Trend Component acf

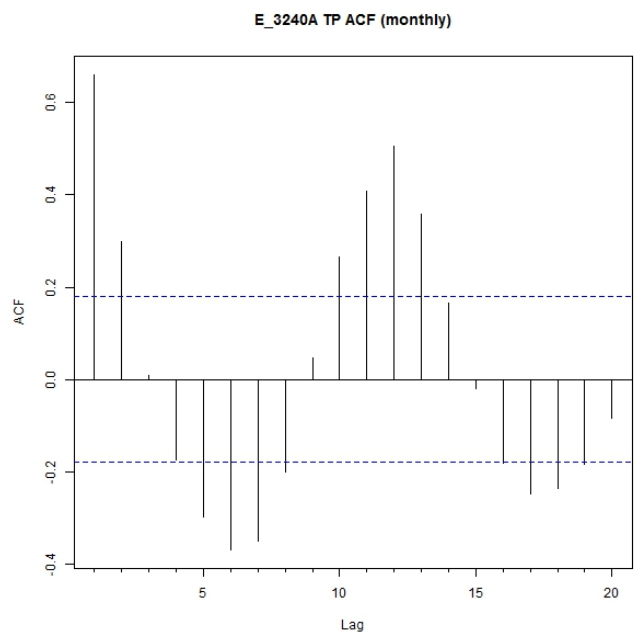
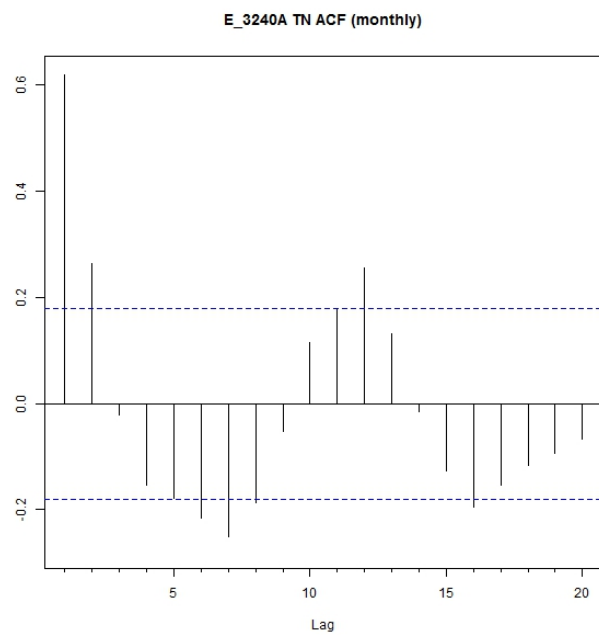


E_S79_TP Trend Component acf



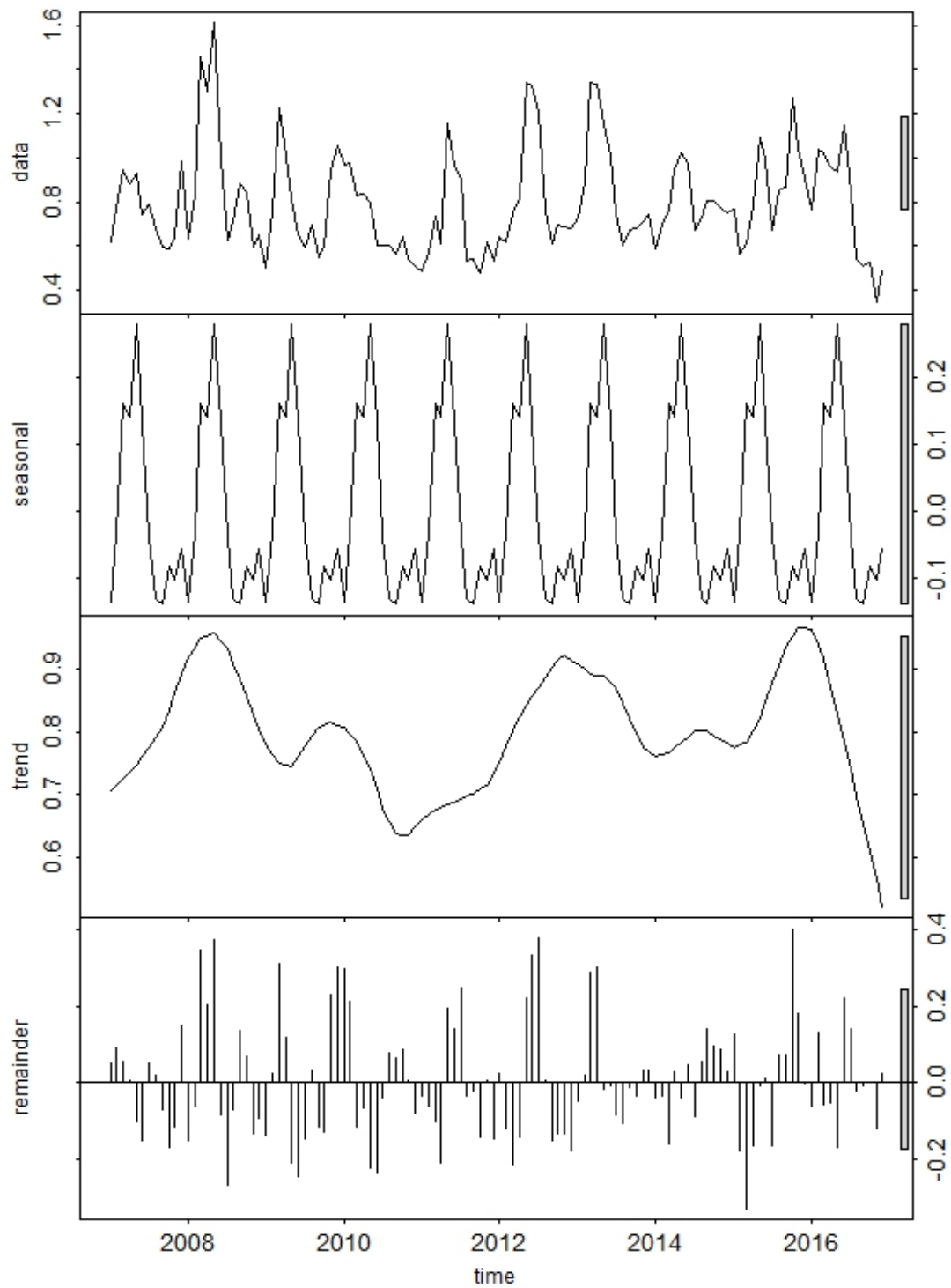
Estuary 3240A

Autocorrelation of Non-Decomposed Data:

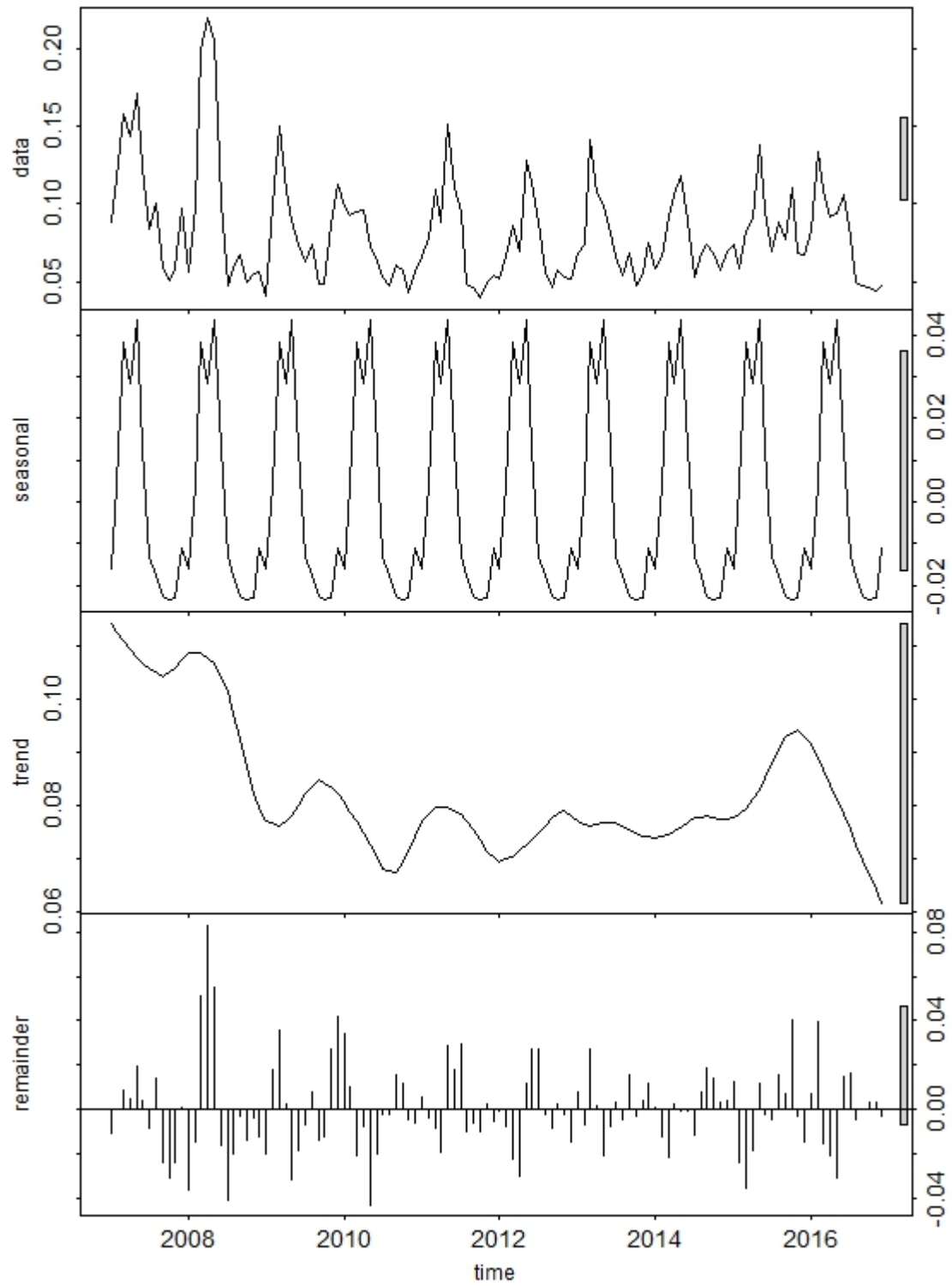


Time Series Decomposition of Interpolated Data Series:

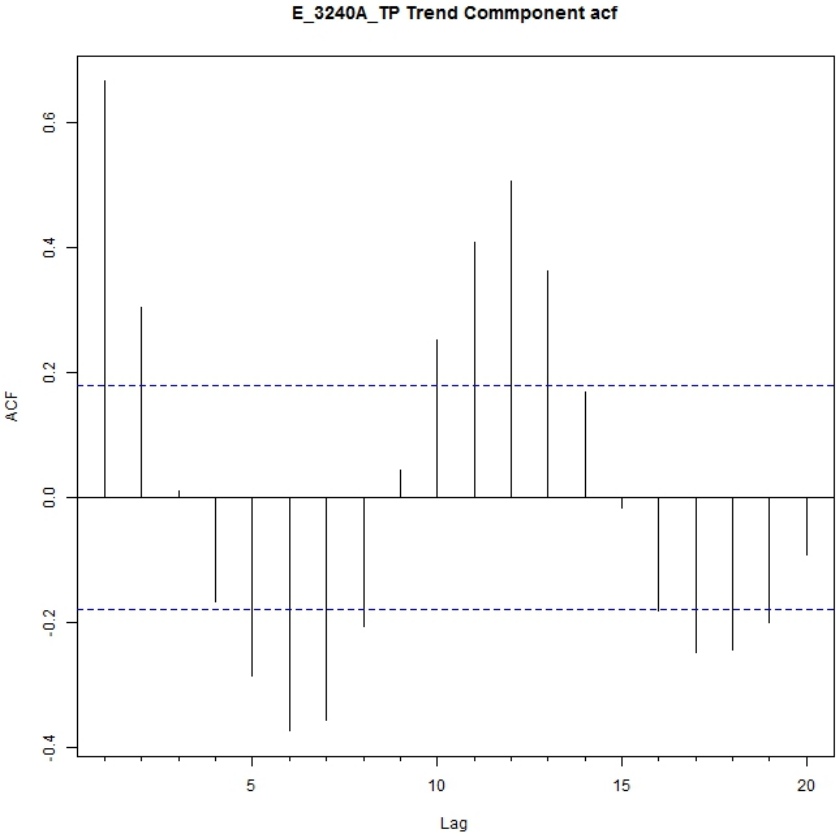
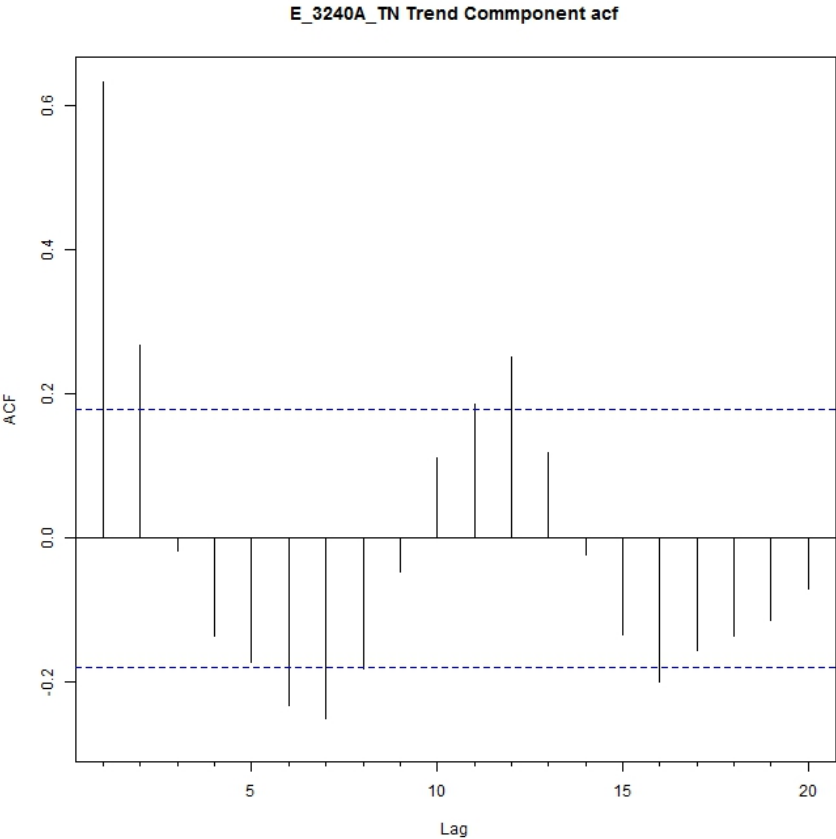
Decomposition of Interpolated E_3240A_TN Time Series



Decomposition of Interpolated E_3240A_TP Time Series

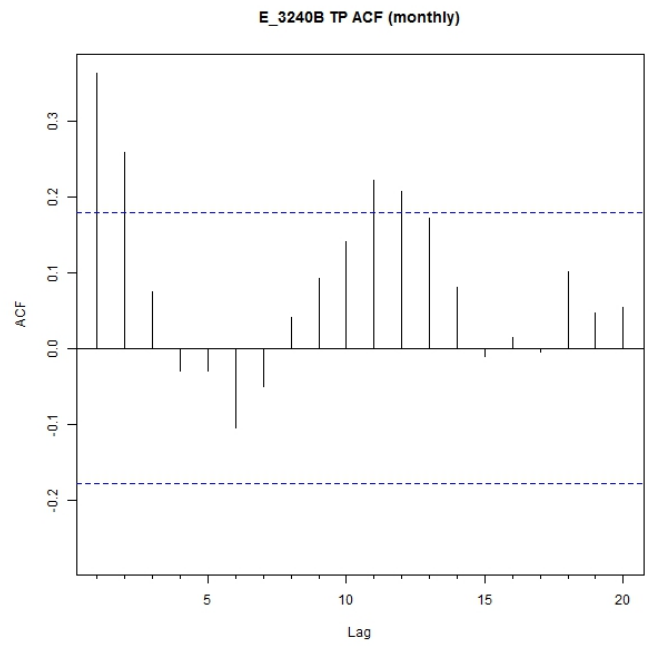
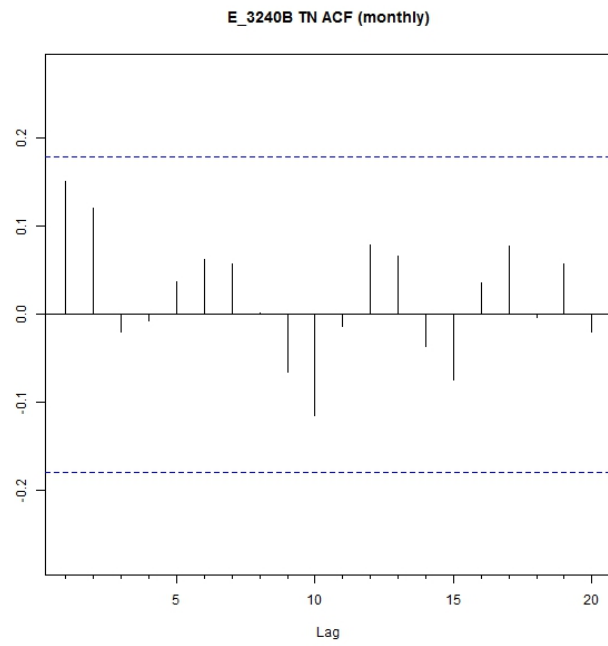


Autocorrelation of Trend Component of Decomposed Data Series:



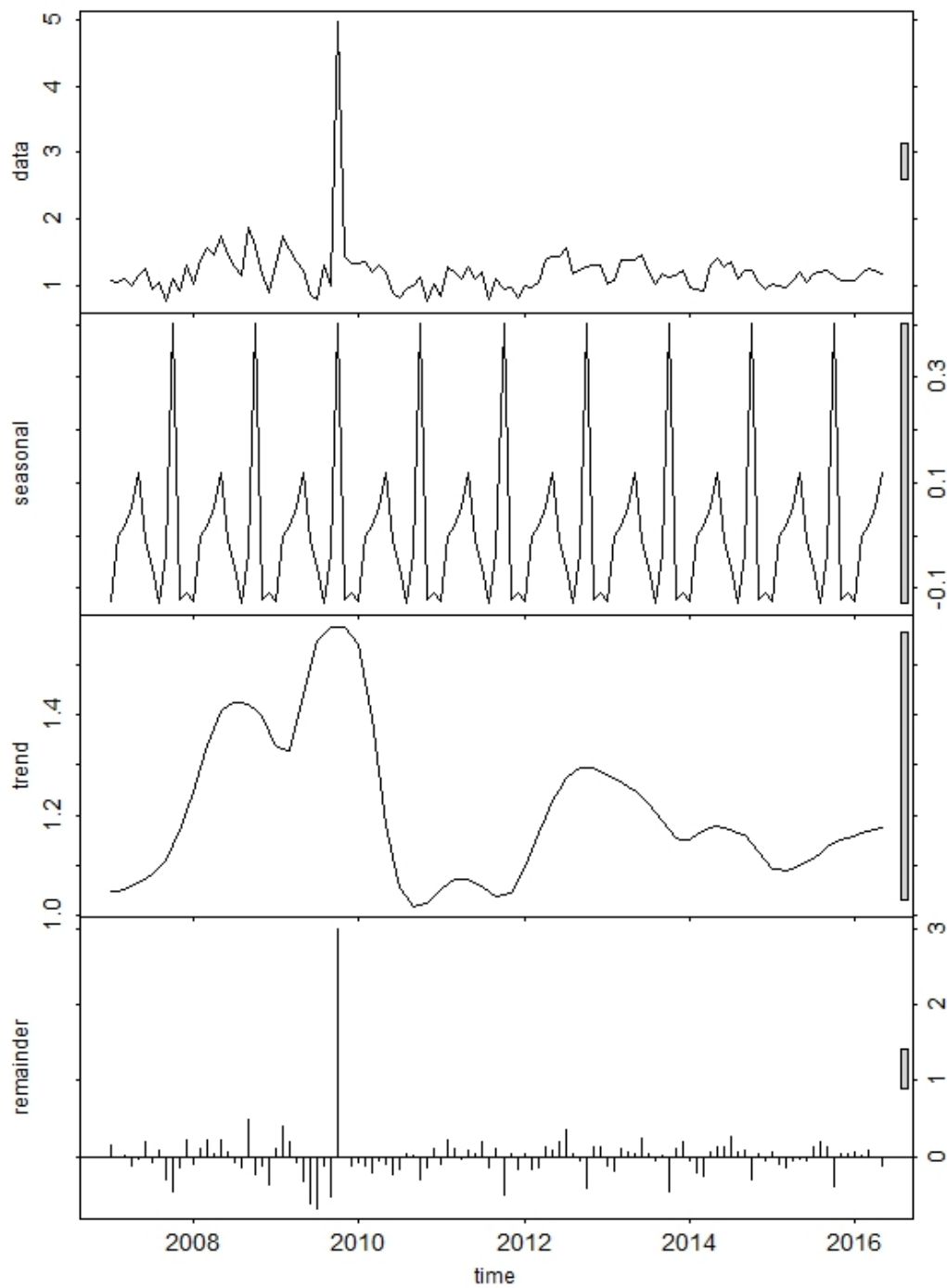
Estuary 3240B

Autocorrelation of Non-Decomposed data:

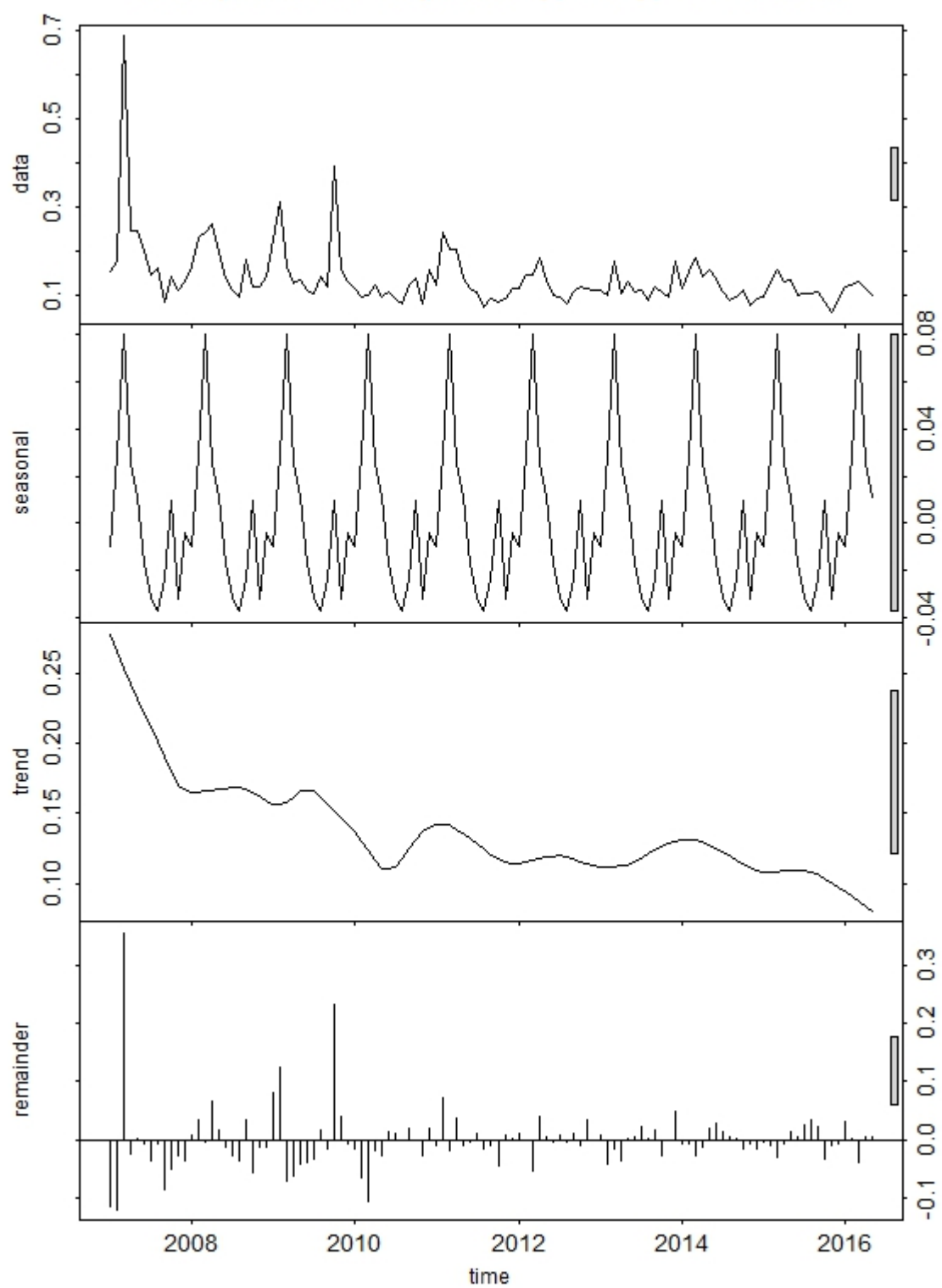


Time Series Decomposition of Interpolated Data Series:

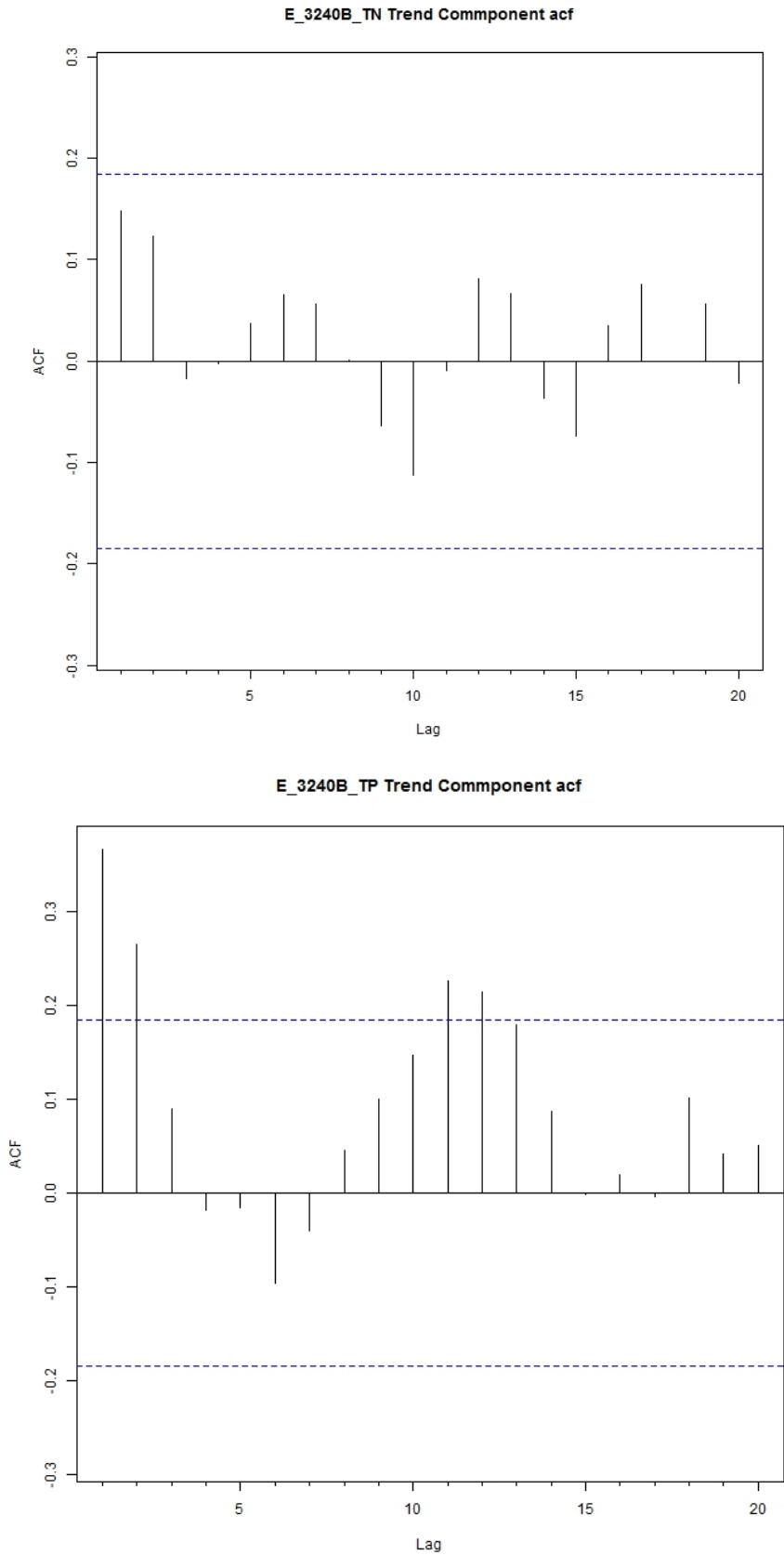
Decomposition of Interpolated E_3240B_TN Time Series



Decomposition of Interpolated E_3240B_TP Time Series

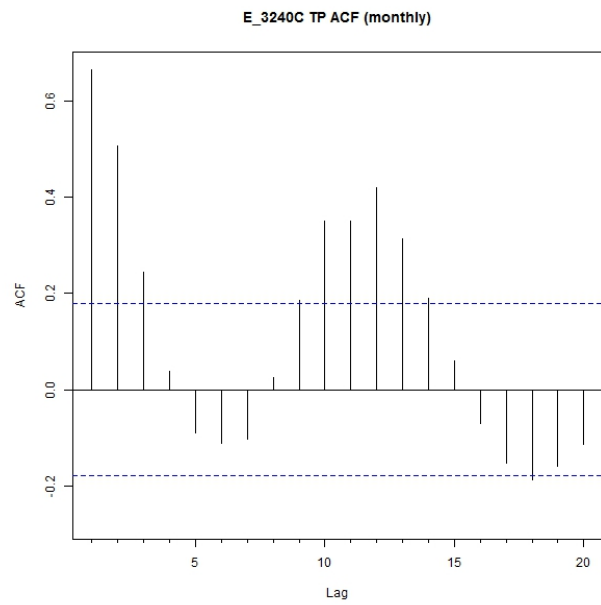
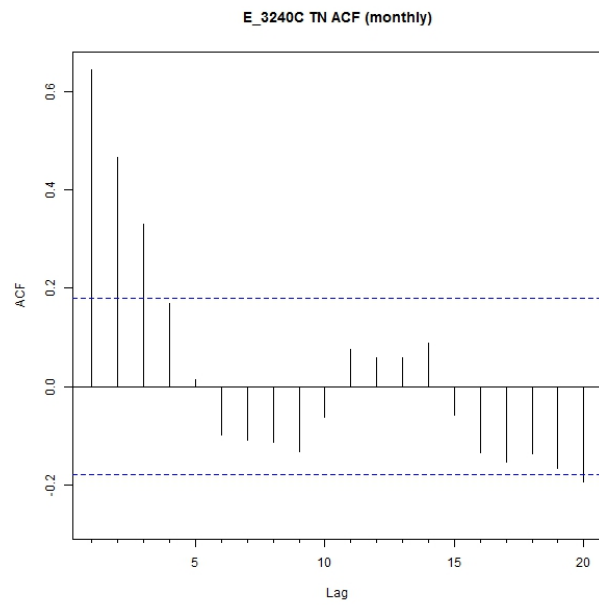


Autocorrelation of Trend Component of Decomposed Data Series:



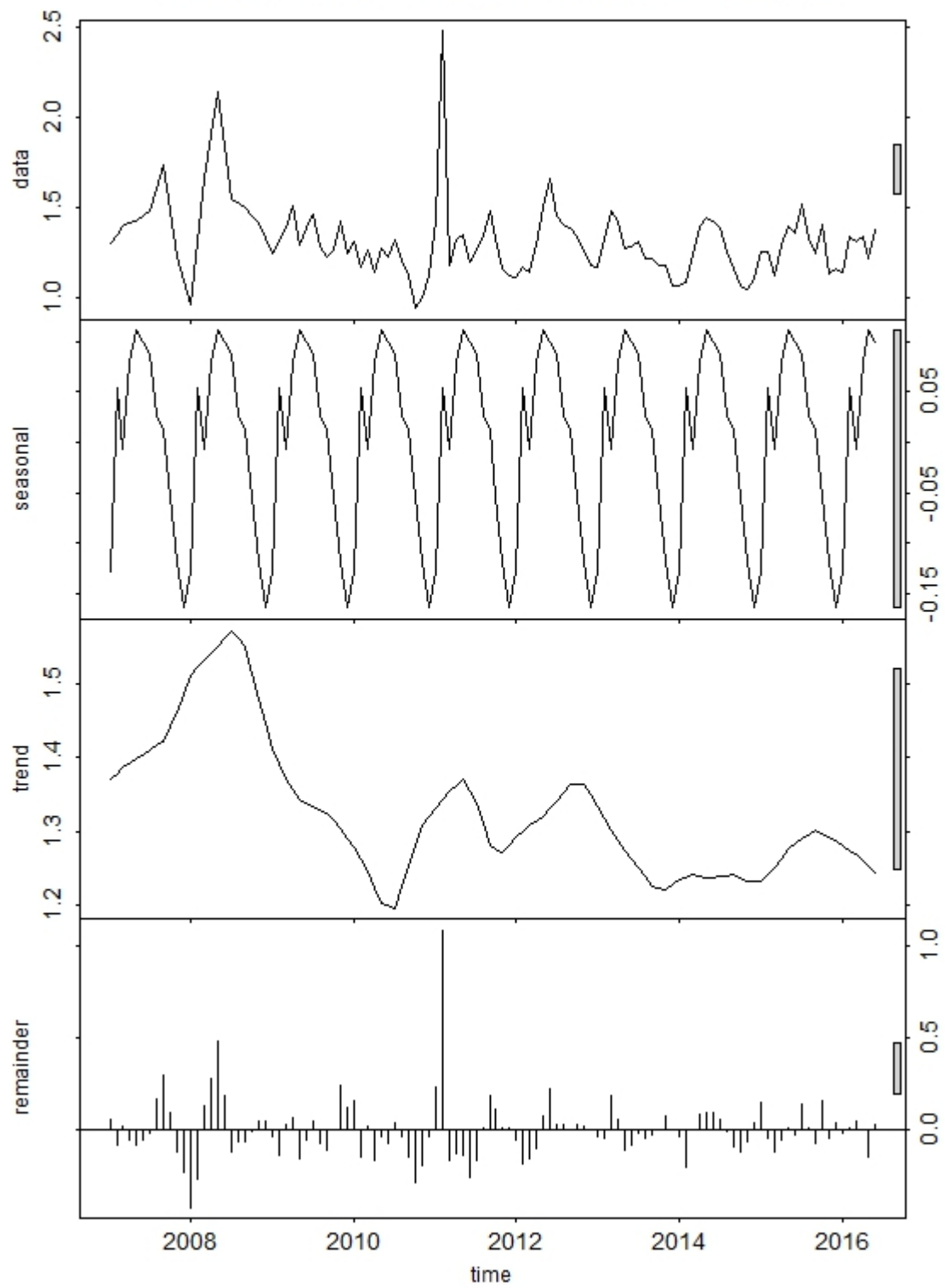
Estuary 3240C

Autocorrelation for Non-Decomposed Data Series

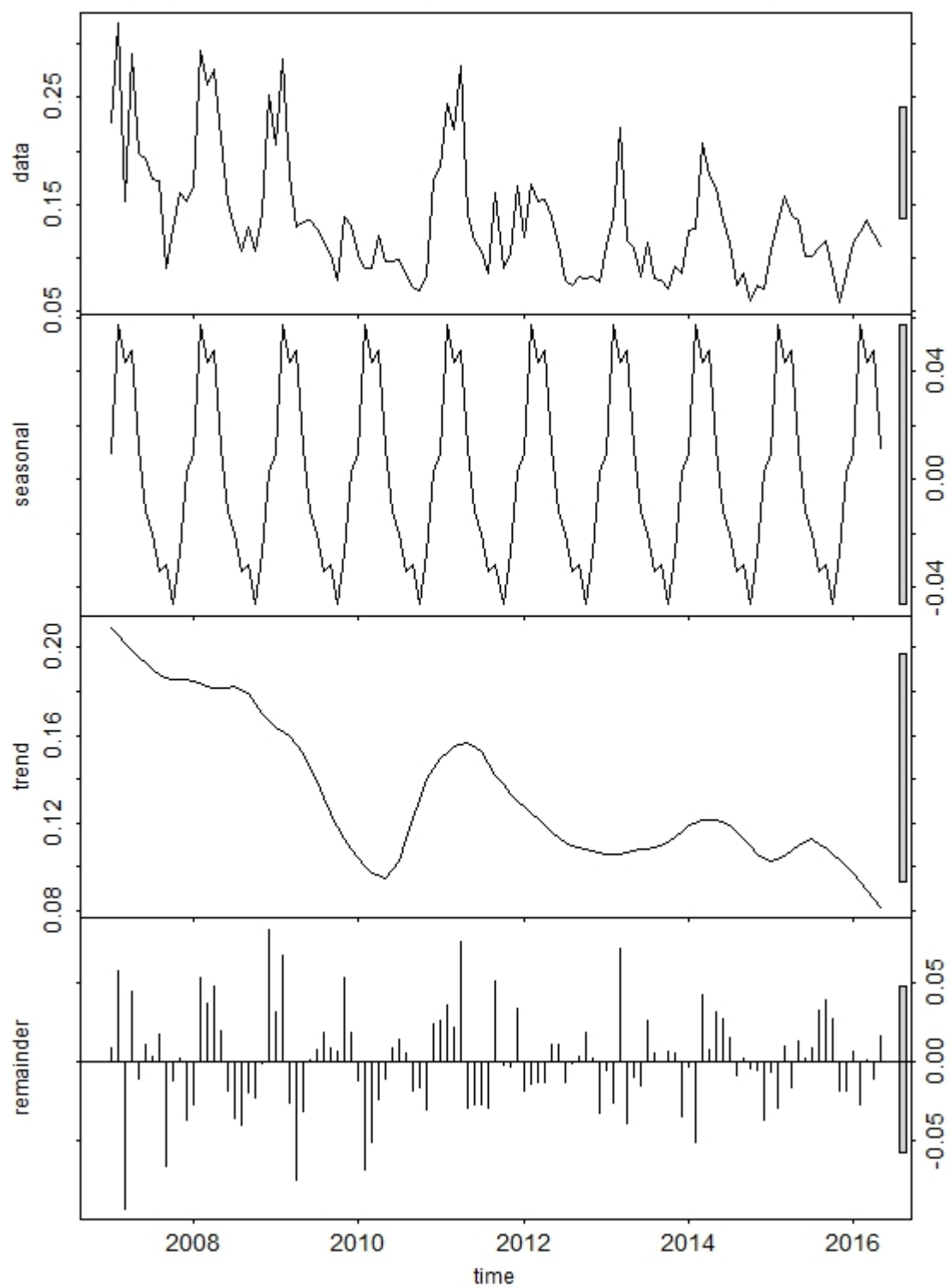


Time Series Decomposition of Interpolated Data Series

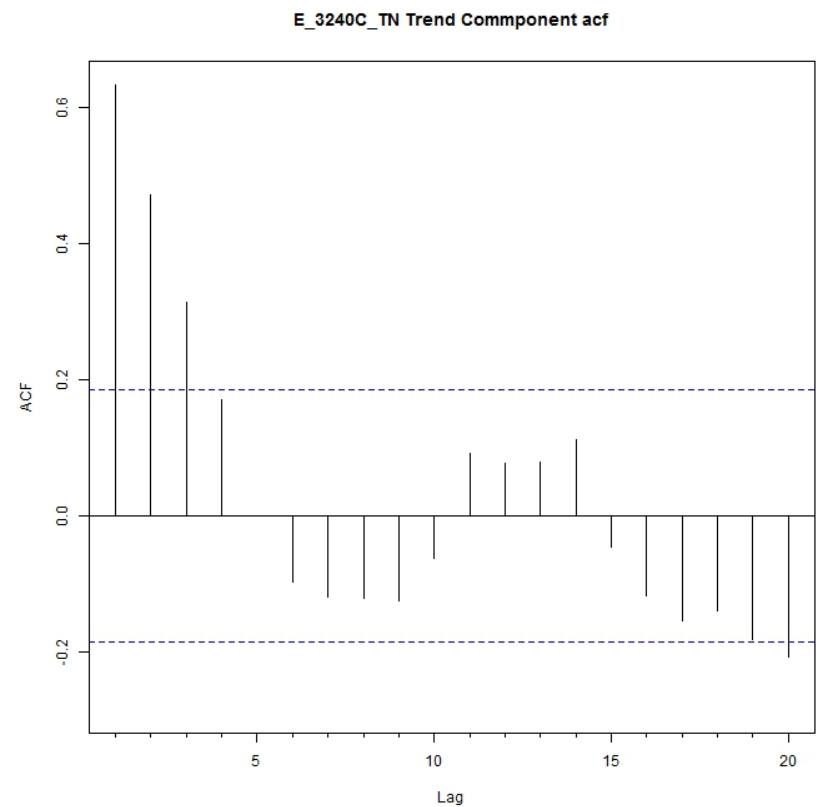
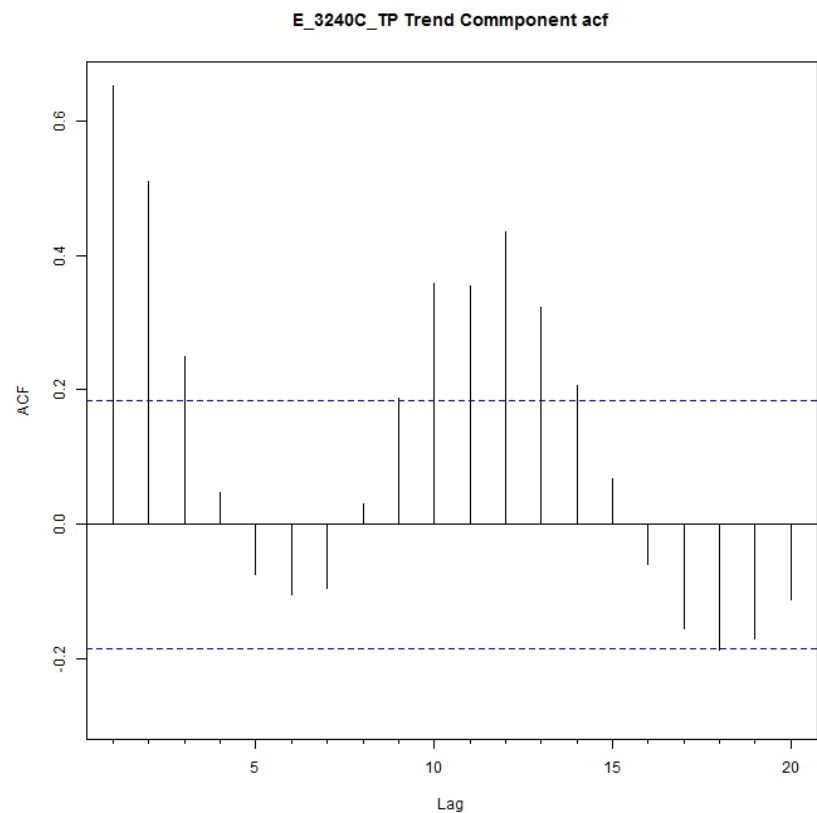
Decomposition of Interpolated E_S79_TN Time Series



Decomposition of Interpolated E_3240C_TP Time Series

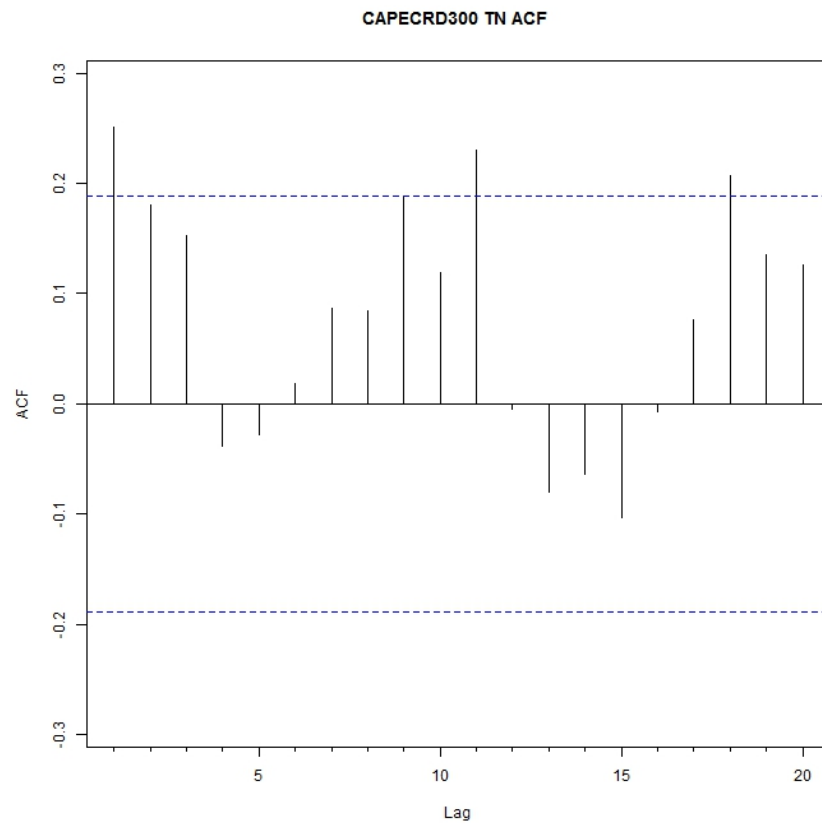


Autocorrelation of Trend Component of Decomposed Series



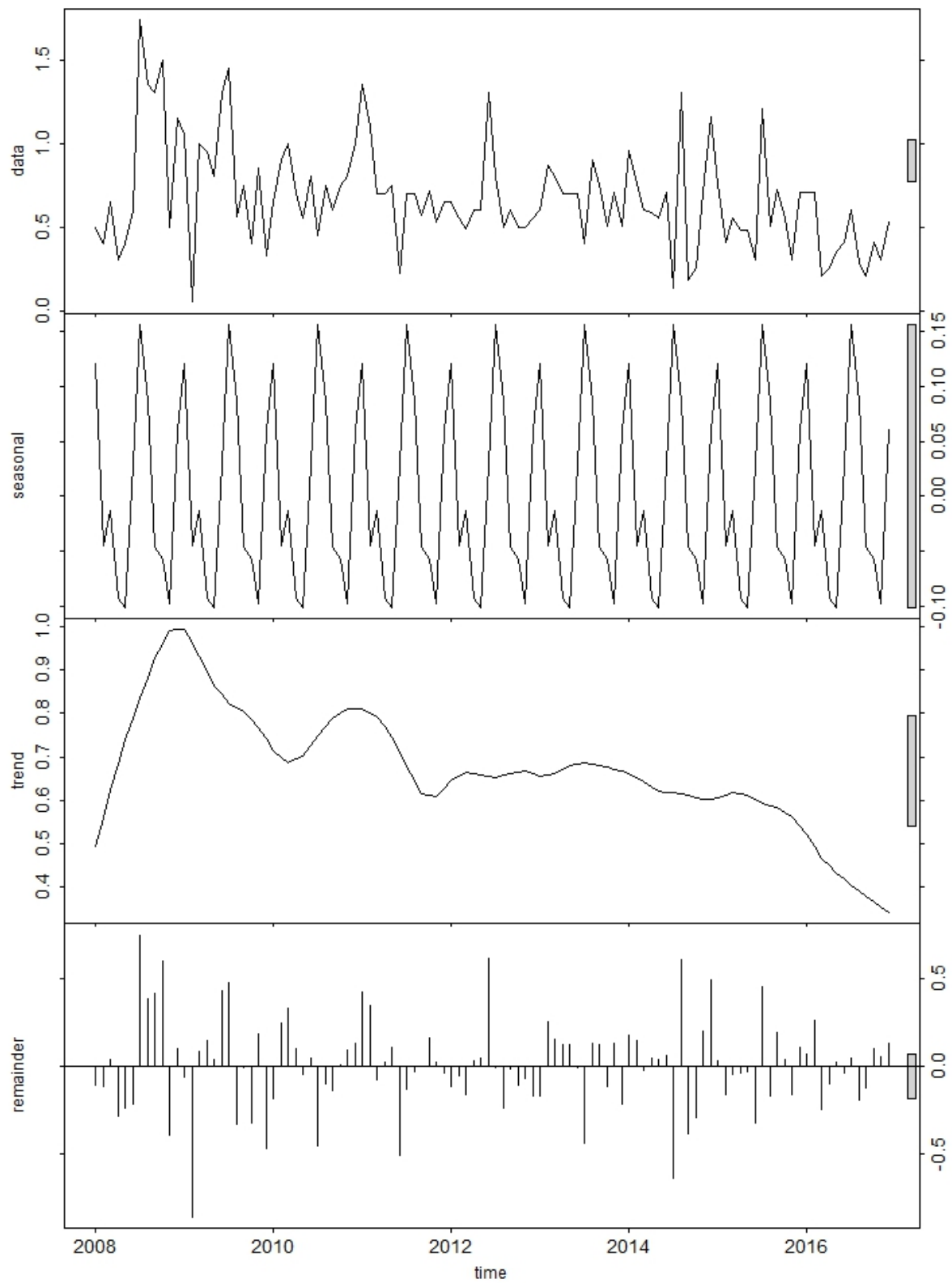
Tributary Station 300

Autocorrelation for Non-Decomposed Data Series

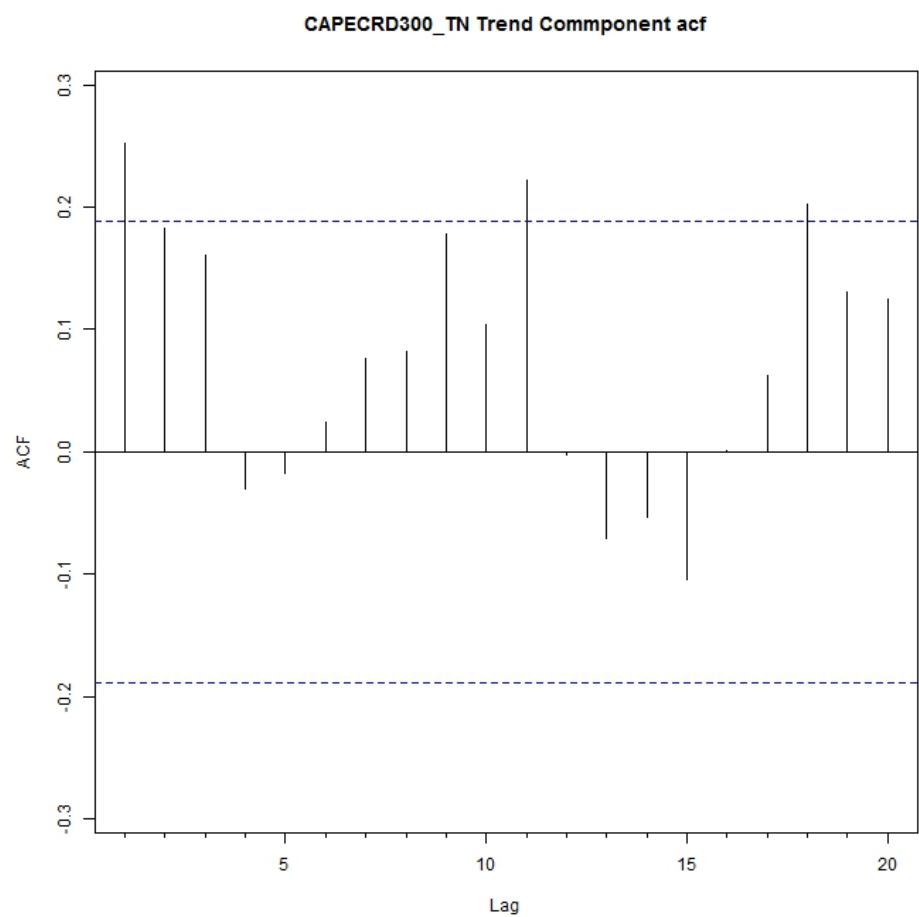


Time Series Decomposition of Imputed Data Series

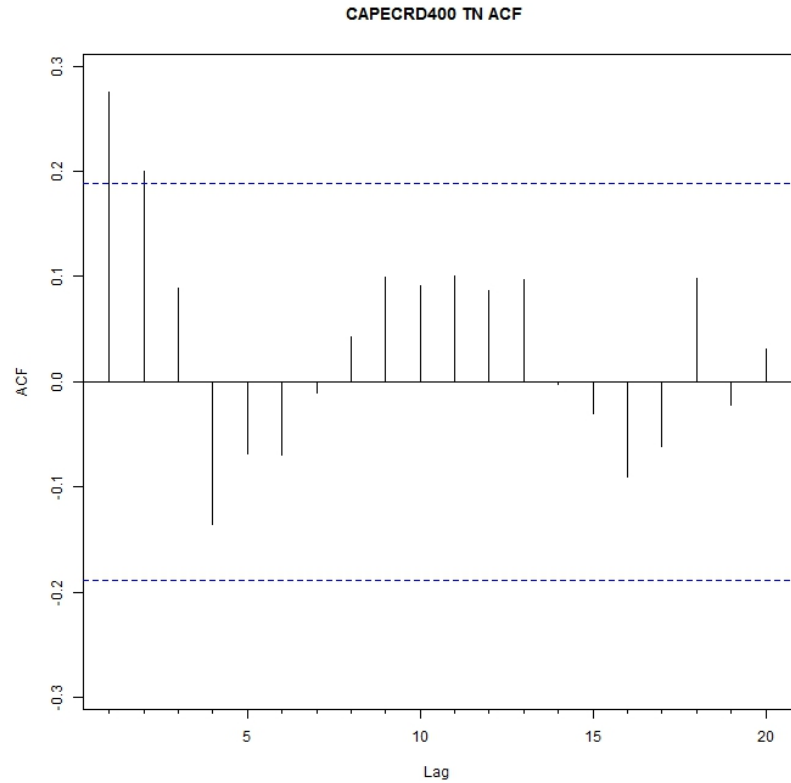
Decomposition of Imputed CAPECRD300_TN Time Series



Autocorrelation of Trend Component of Decomposed Series

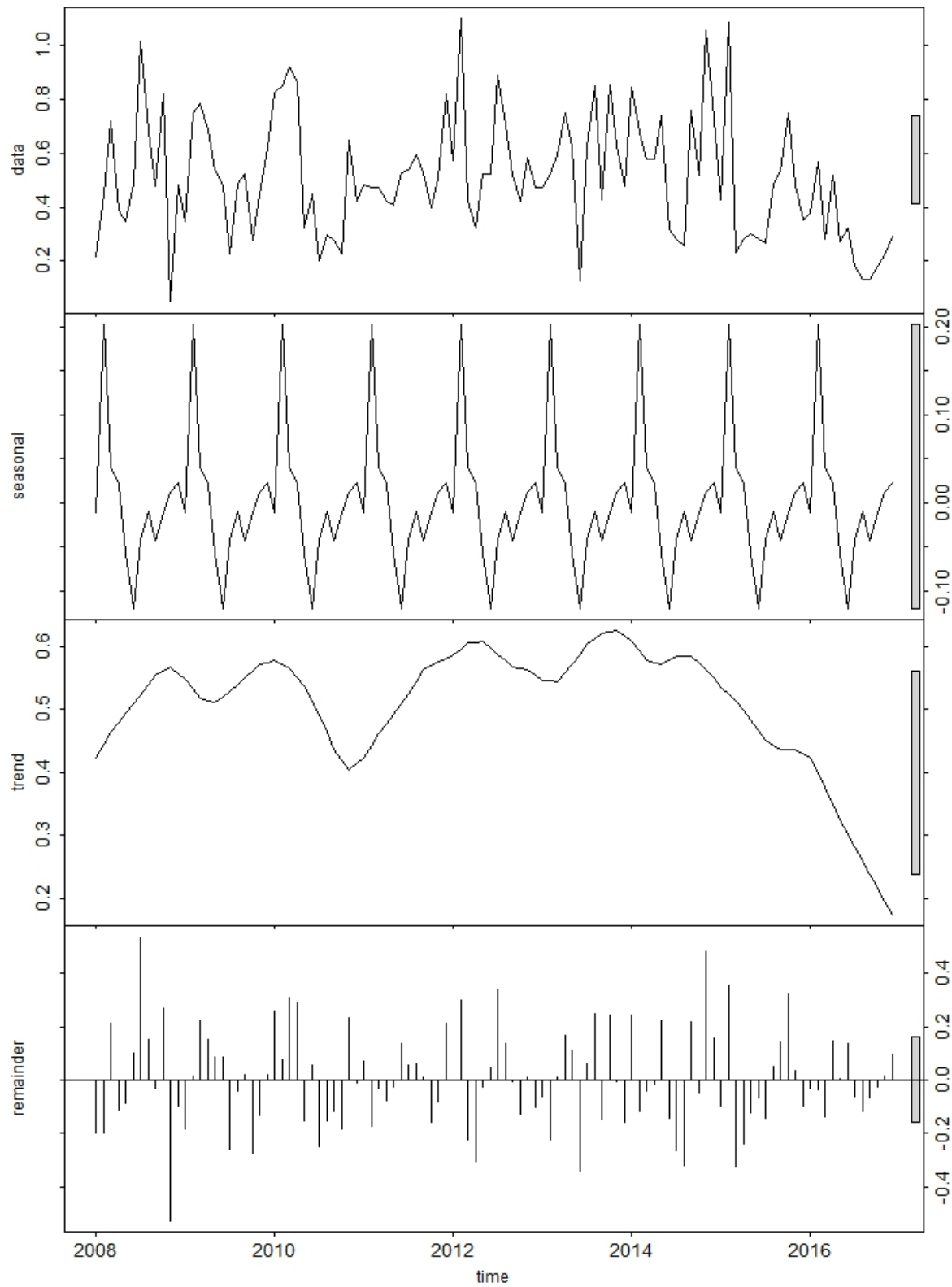


Tributary Station 400
Autocorrelation for Non-Decomposed Data Series

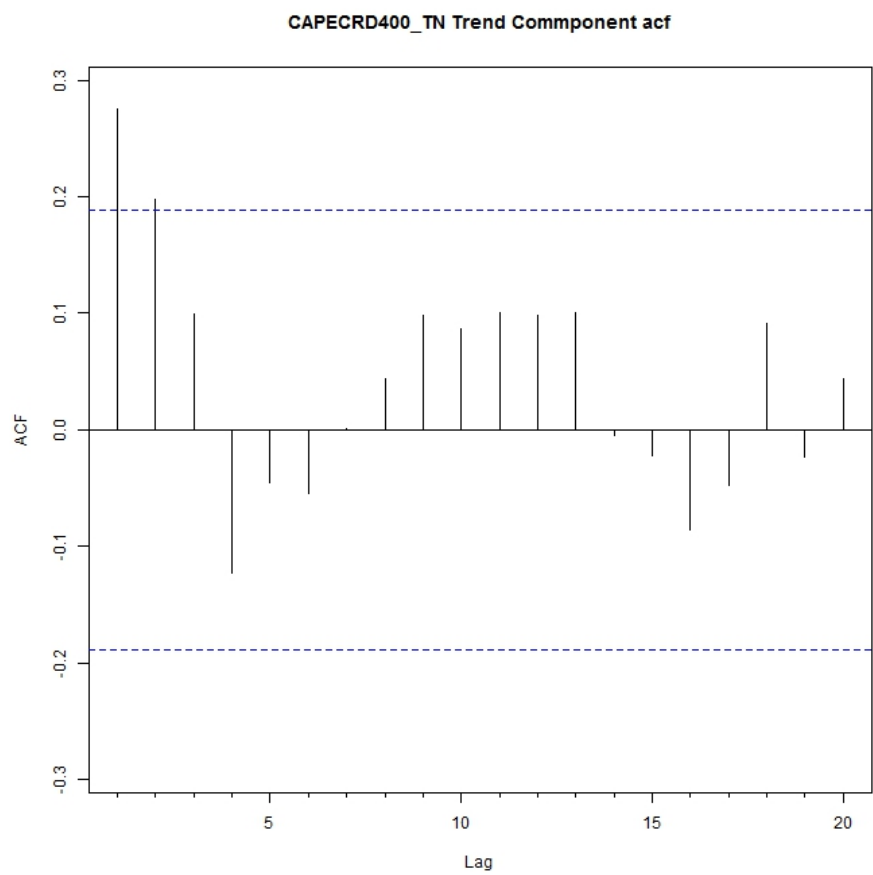


Time Series Decomposition of Imputed Data Series

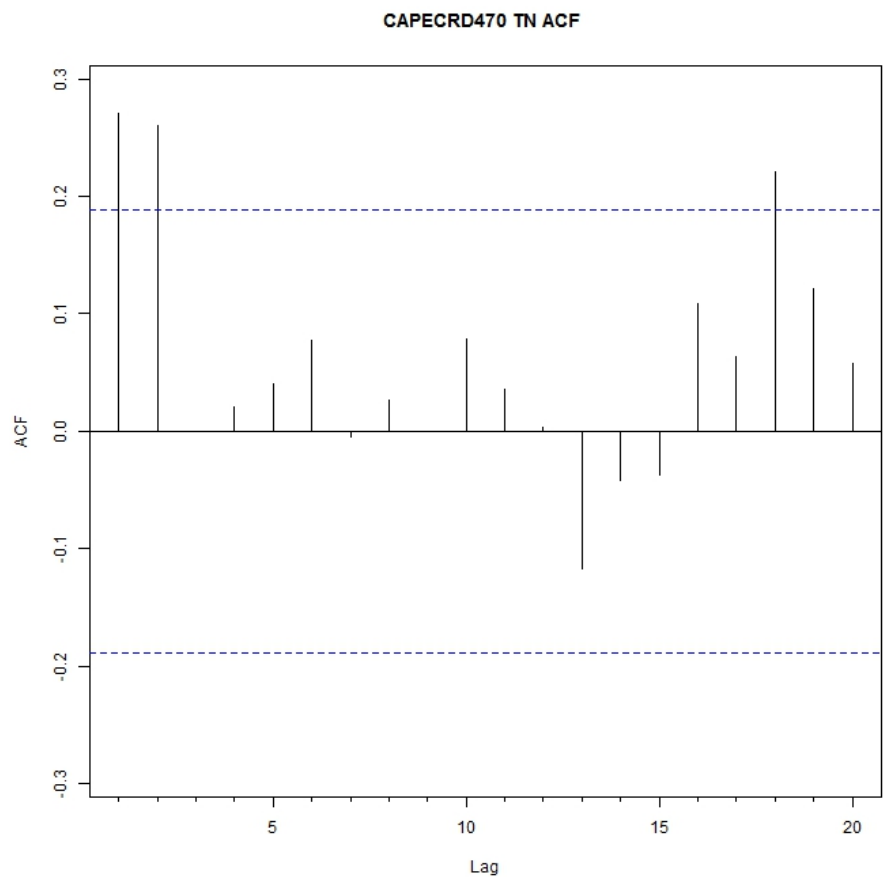
Decomposition of Imputed CAPECRD400_TN Time Series



Autocorrelation of Trend Component of Decomposed Series

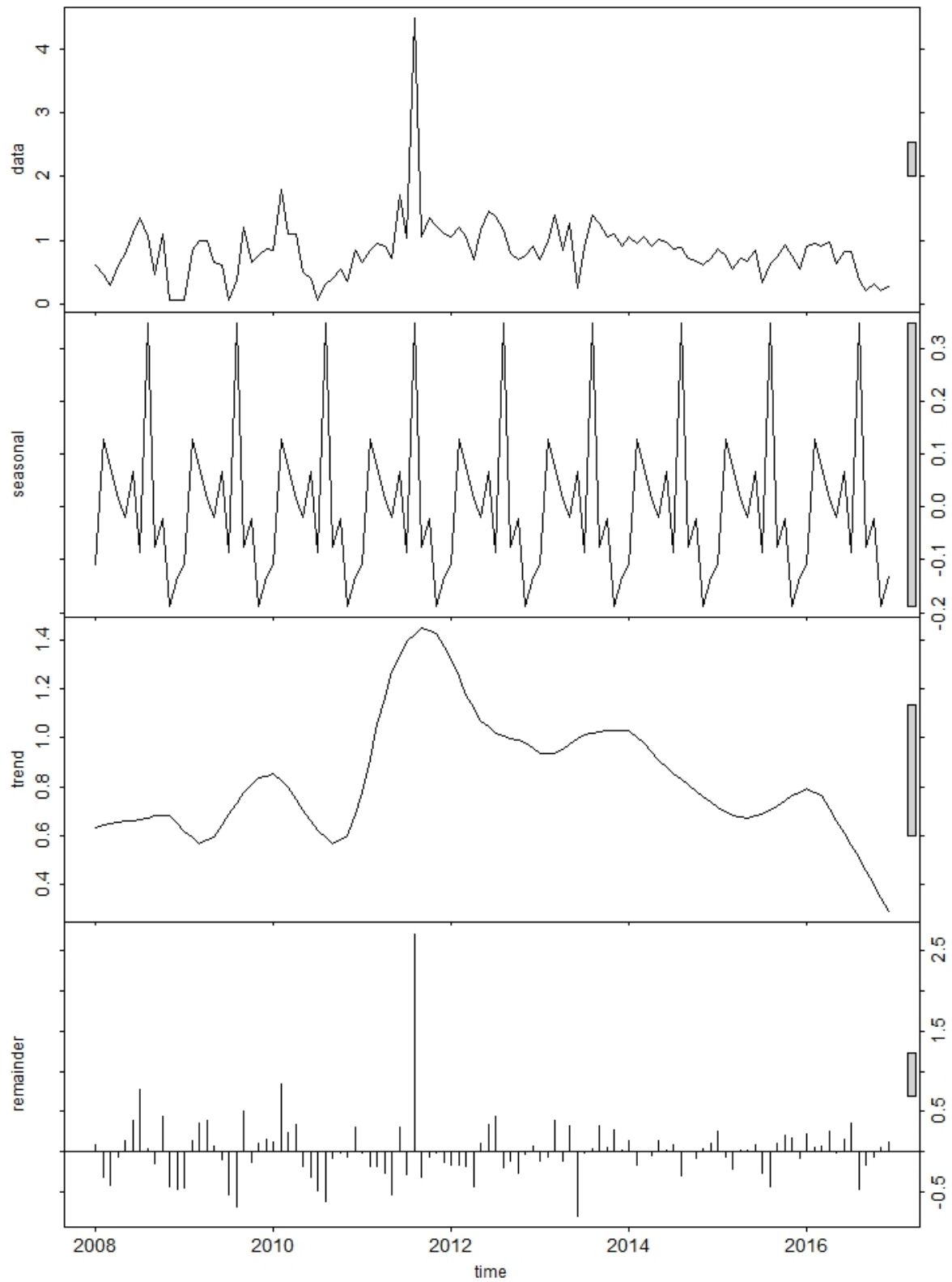


Tributary Station 470
Autocorrelation for Non-Decomposed Data Series

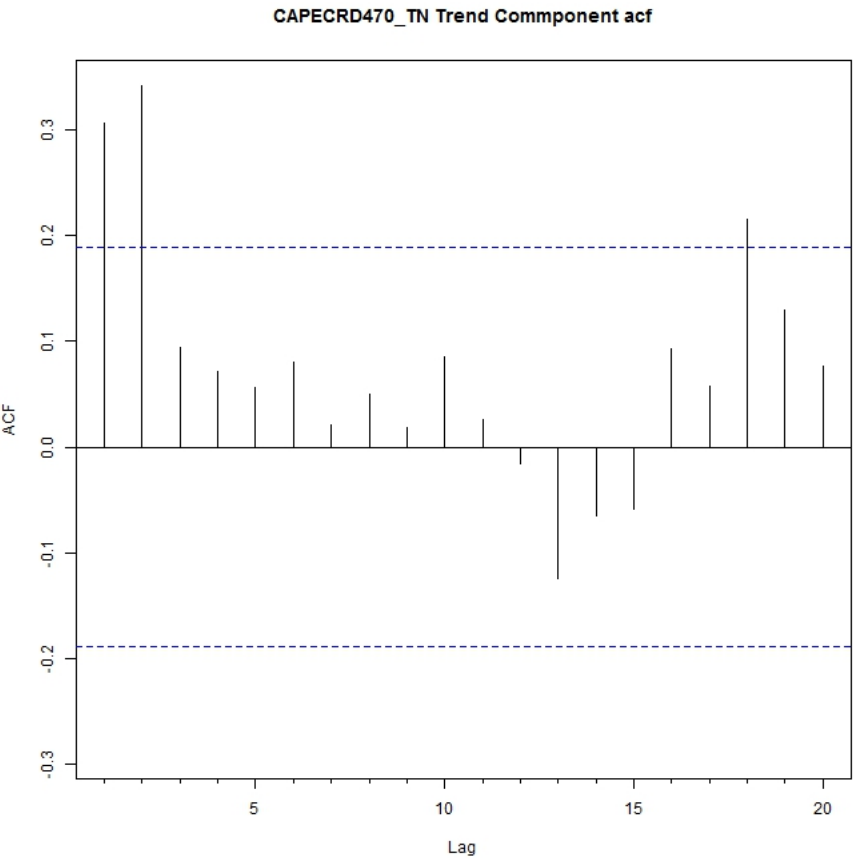


Time Series Decomposition of Imputed Data Series

Decomposition of Imputed CAPECRD470_TN Time Series

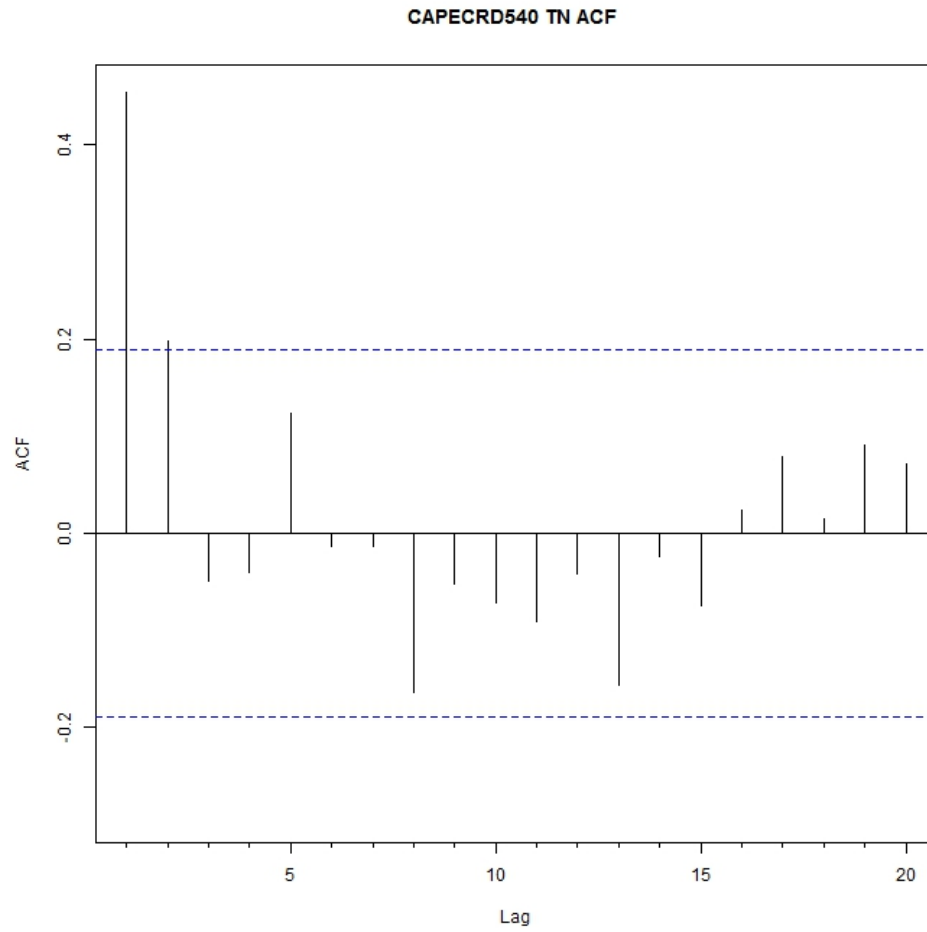


Autocorrelation of Trend Component of Decomposed Series



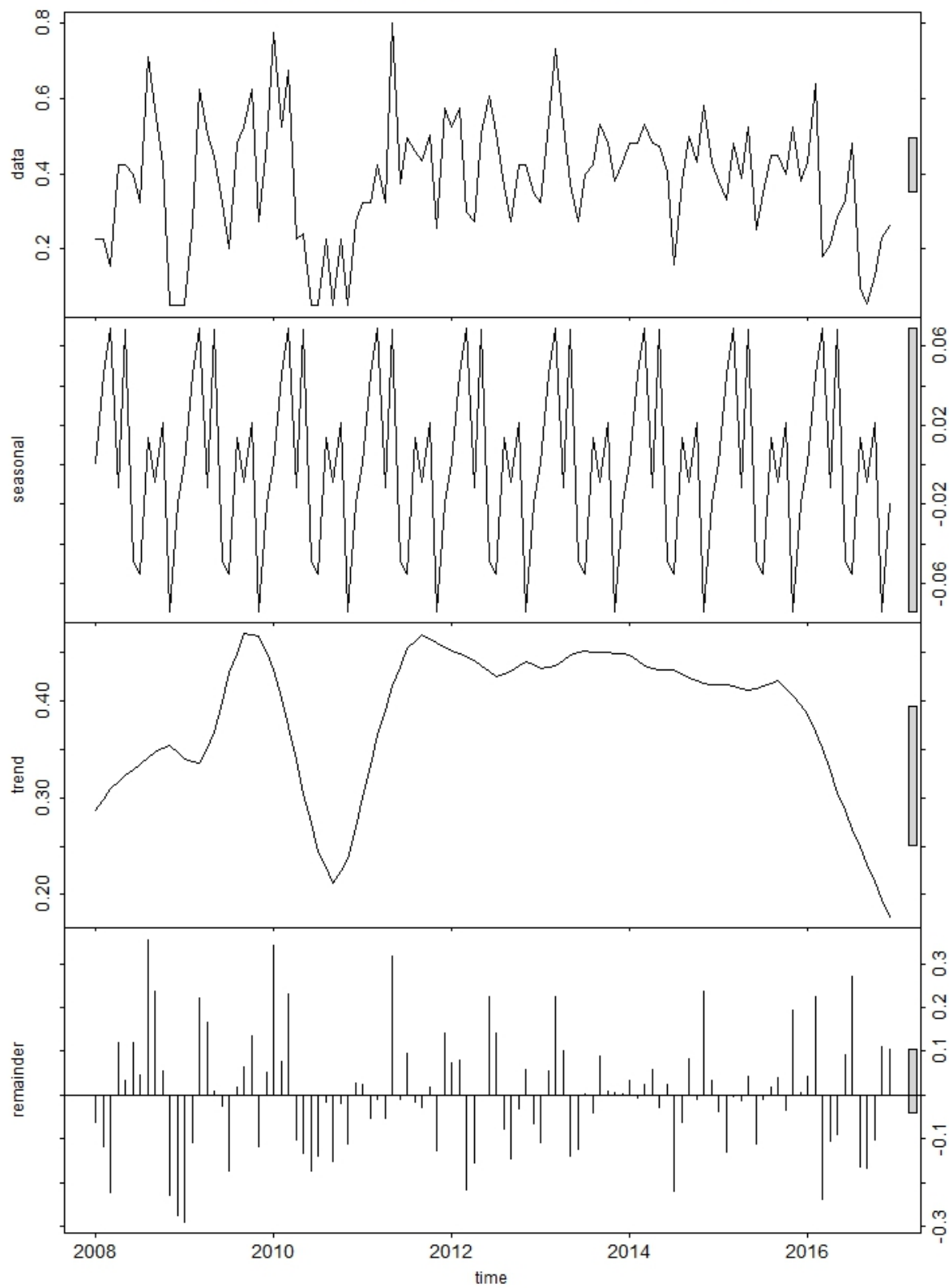
Tributary Station 540

Autocorrelation for Non-Decomposed Data Series

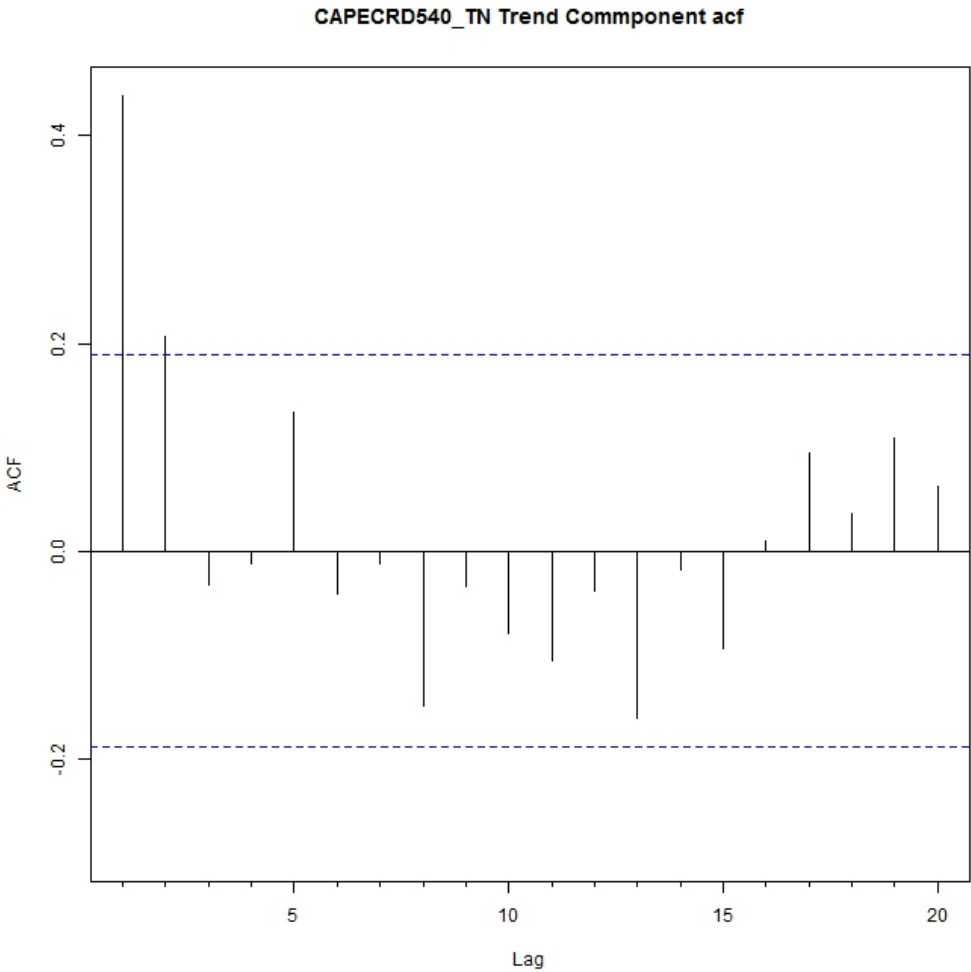


Time Series Decomposition of Imputed Data Series

Decomposition of Imputed CAPECRD540_TN Time Series

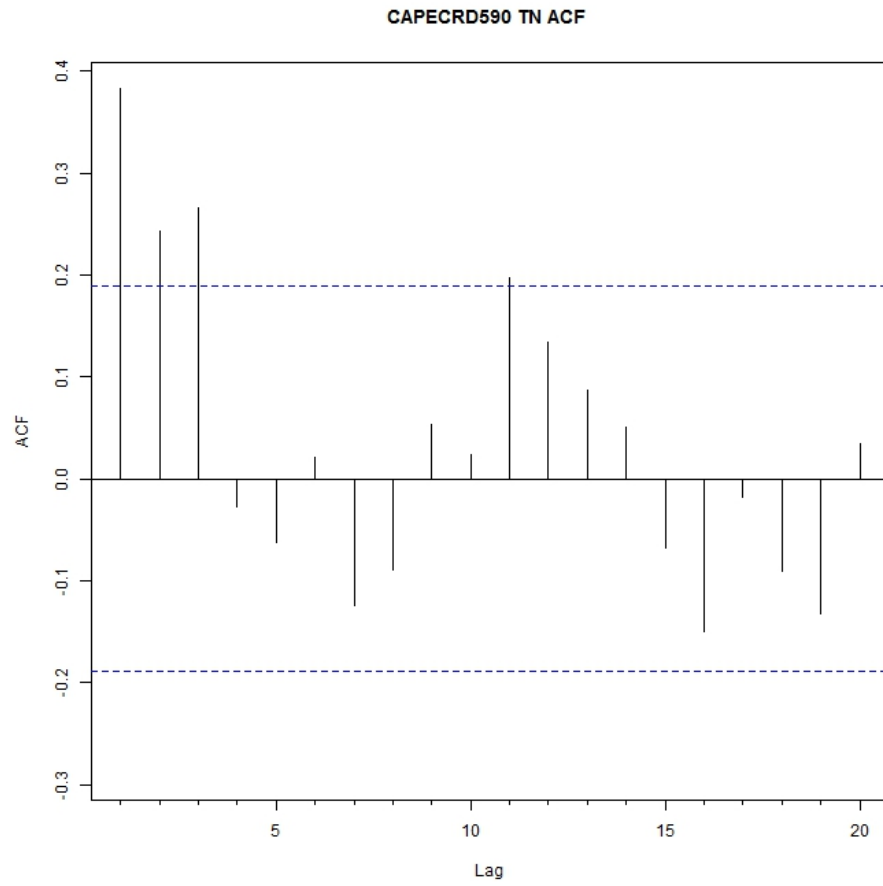


Autocorrelation of Trend Component of Decomposed Series



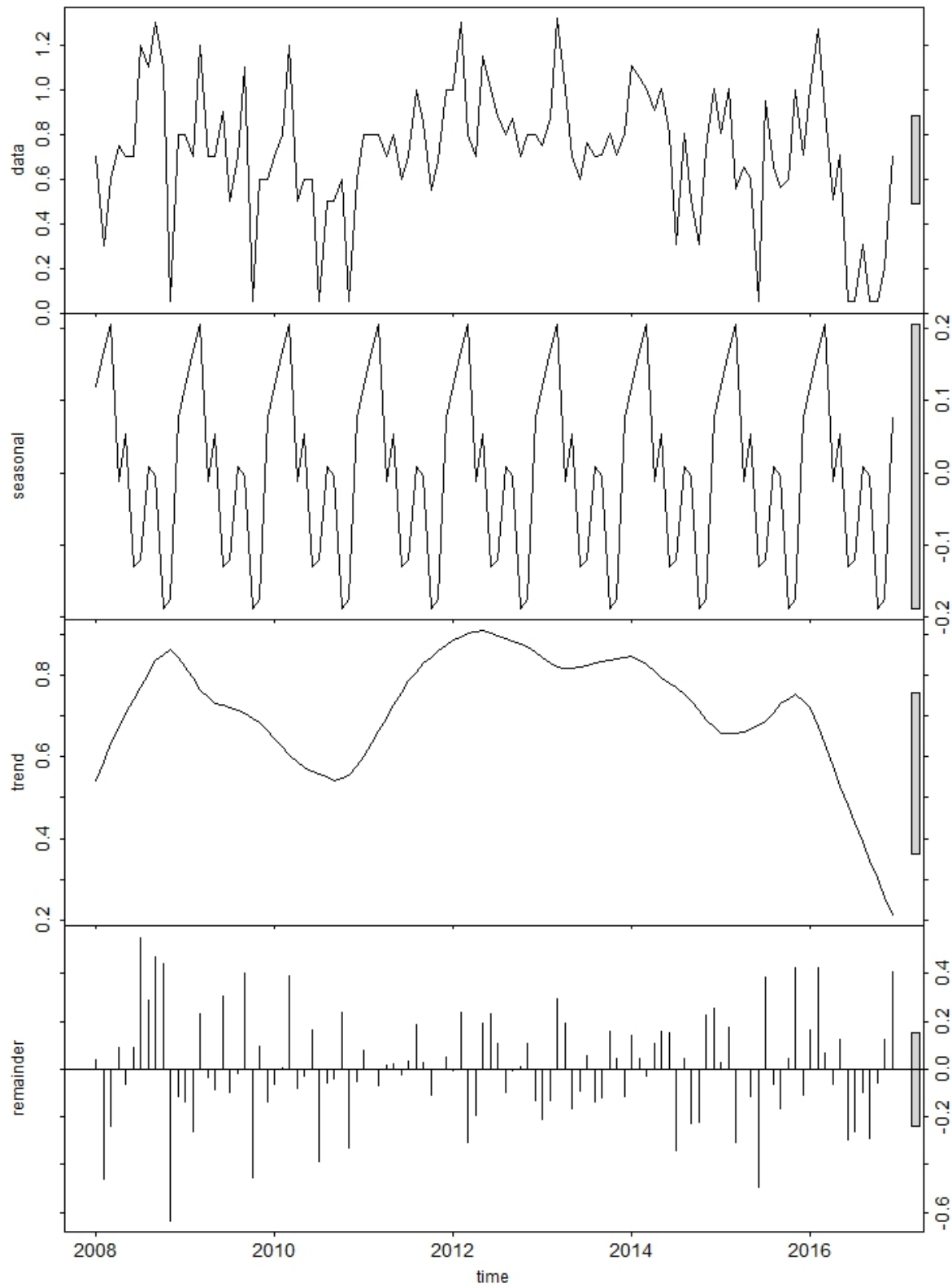
Tributary Station 590

Autocorrelation for Non-Decomposed Data Series

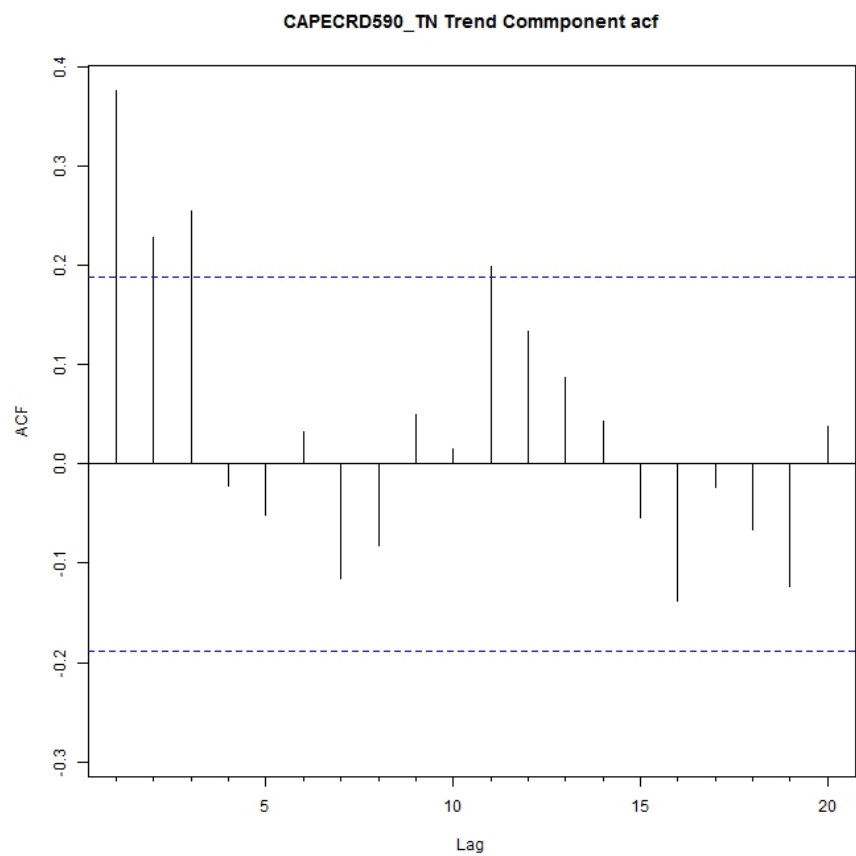


Time Series Decomposition of Imputed Data Series

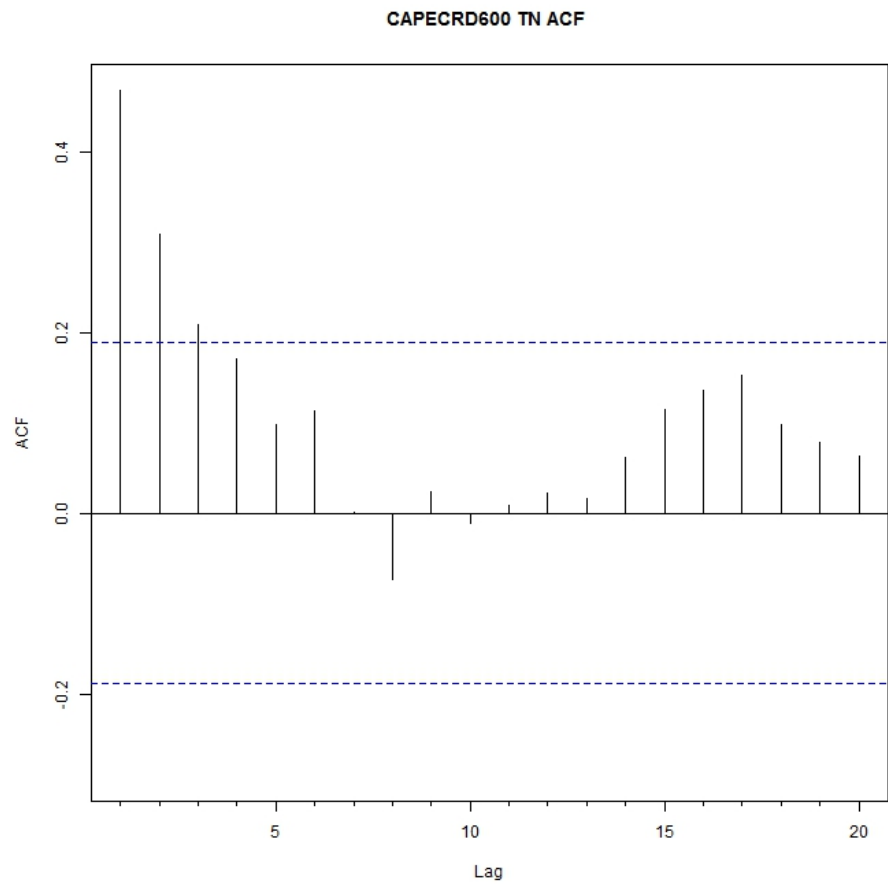
Decomposition of Imputed CAPECRD590_TN Time Series



Autocorrelation of Trend Component of Decomposed Series

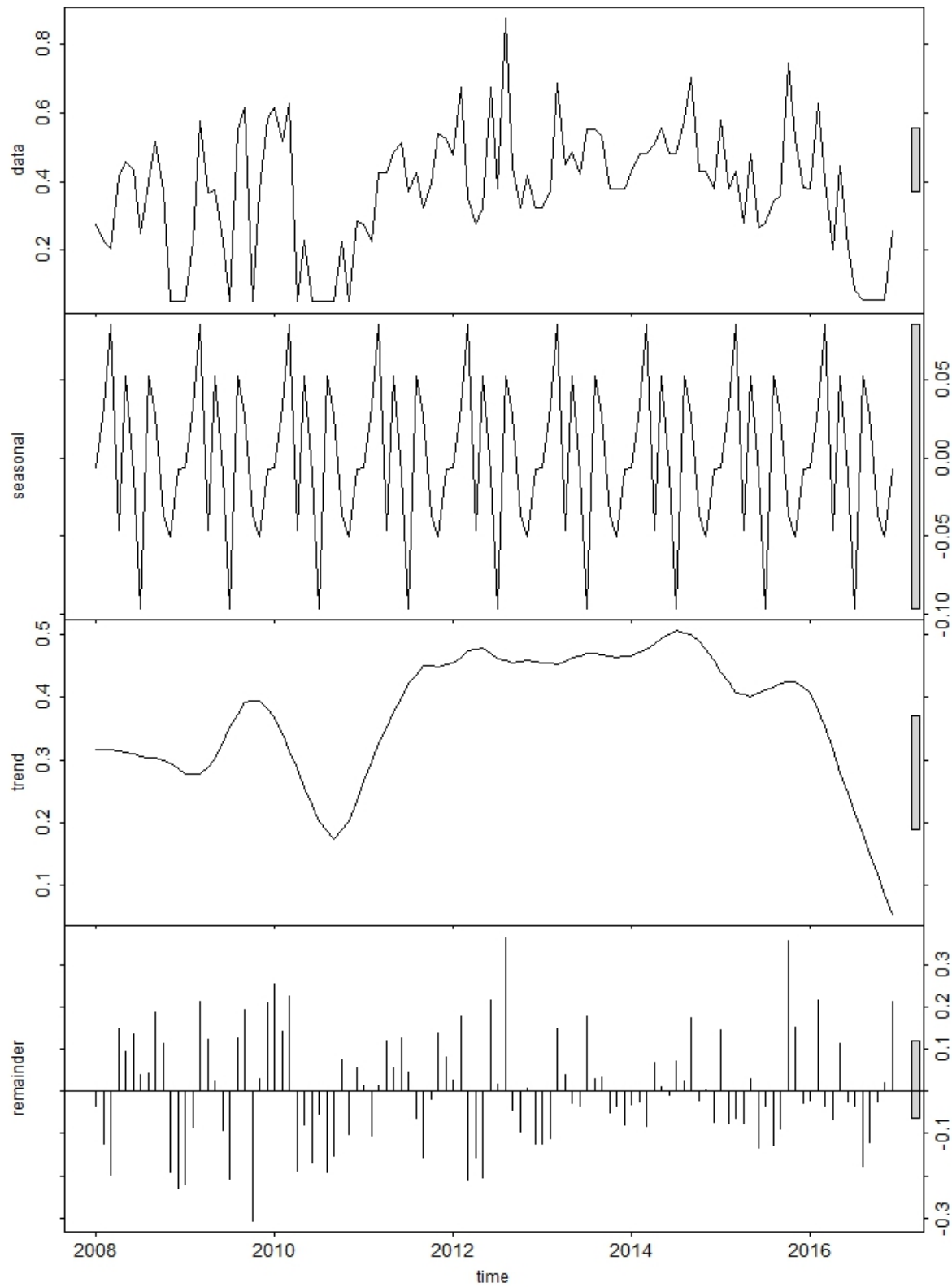


Tributary Station 600
Autocorrelation for Non-Decomposed Data Series

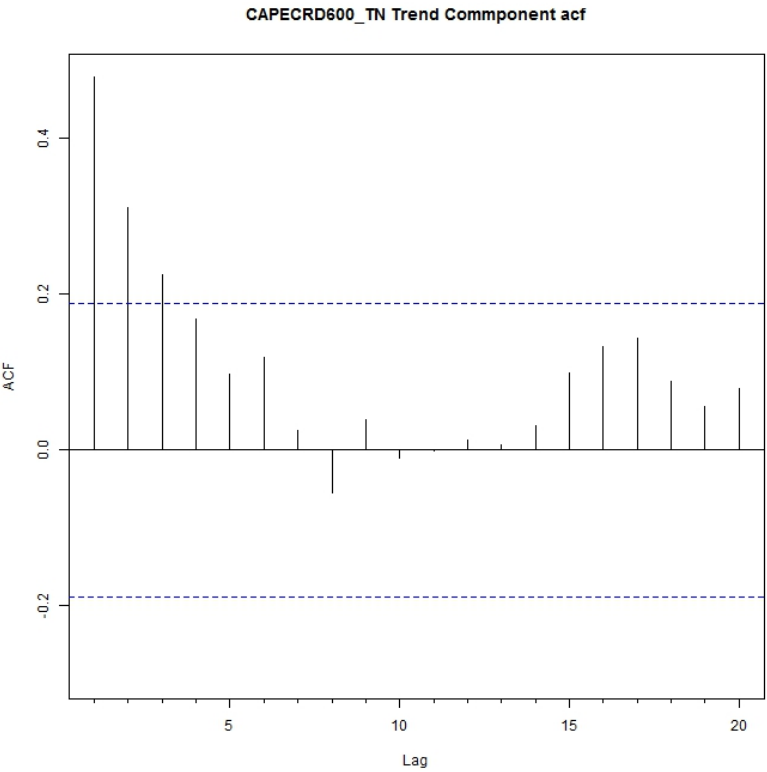


Time Series Decomposition of Imputed Data Series

Decomposition of Imputed CAPECRD600_TN Time Series

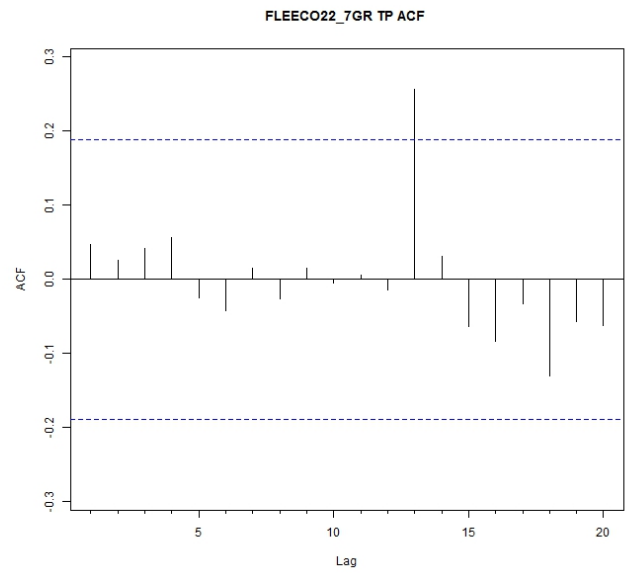
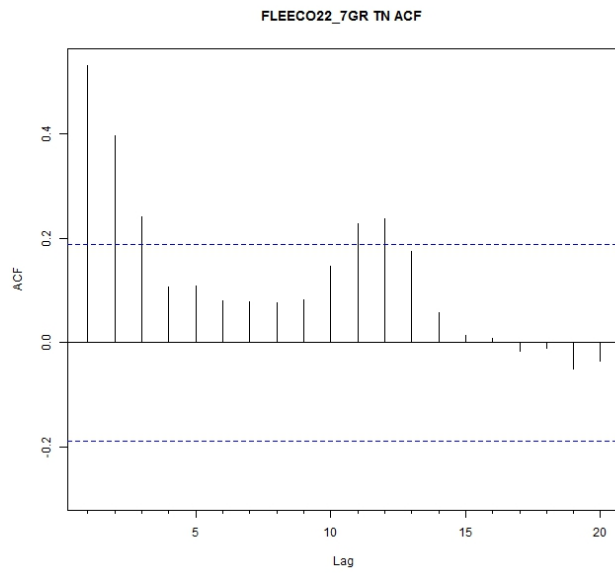


Autocorrelation of Trend Component of Decomposed Series



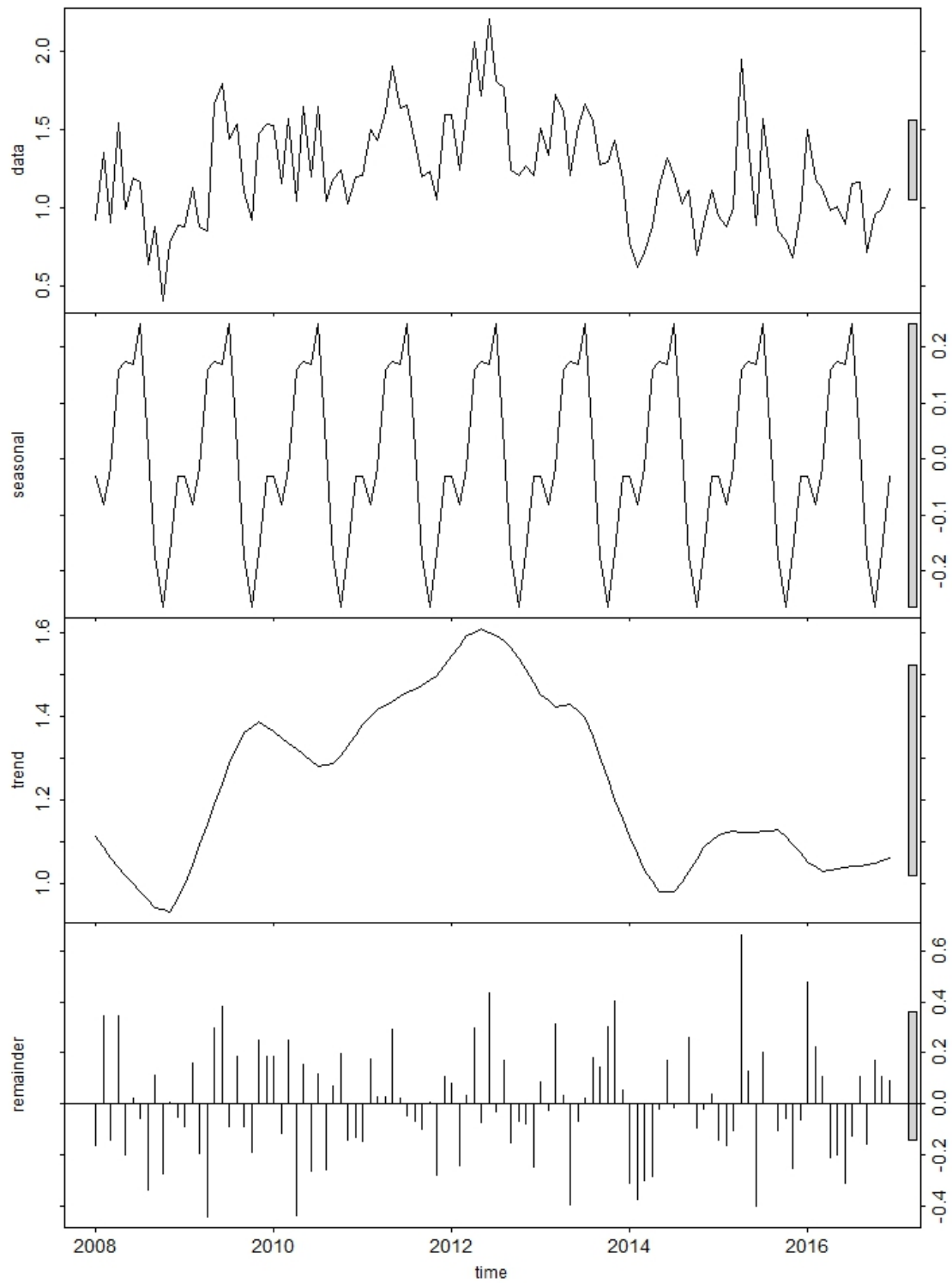
Tributary Station 22-7GR

Autocorrelation for Non-Decomposed Data Series

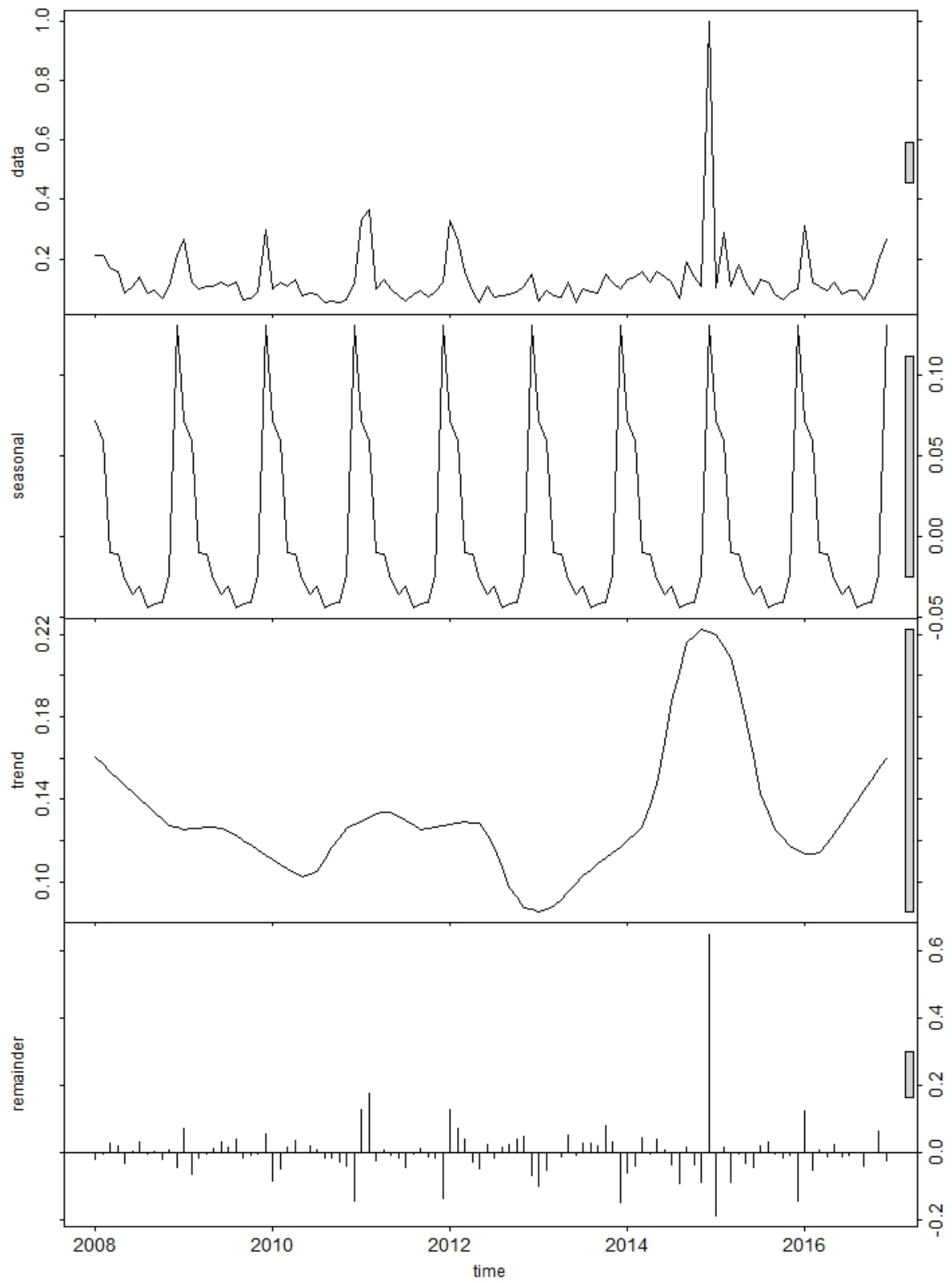


Time Series Decomposition of Imputed Data Series

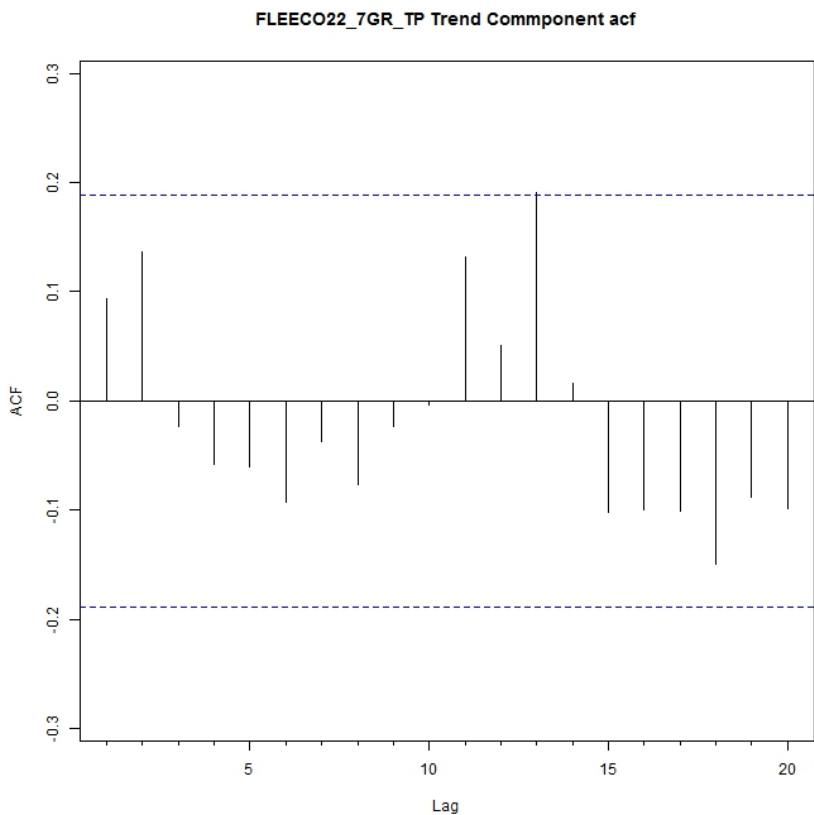
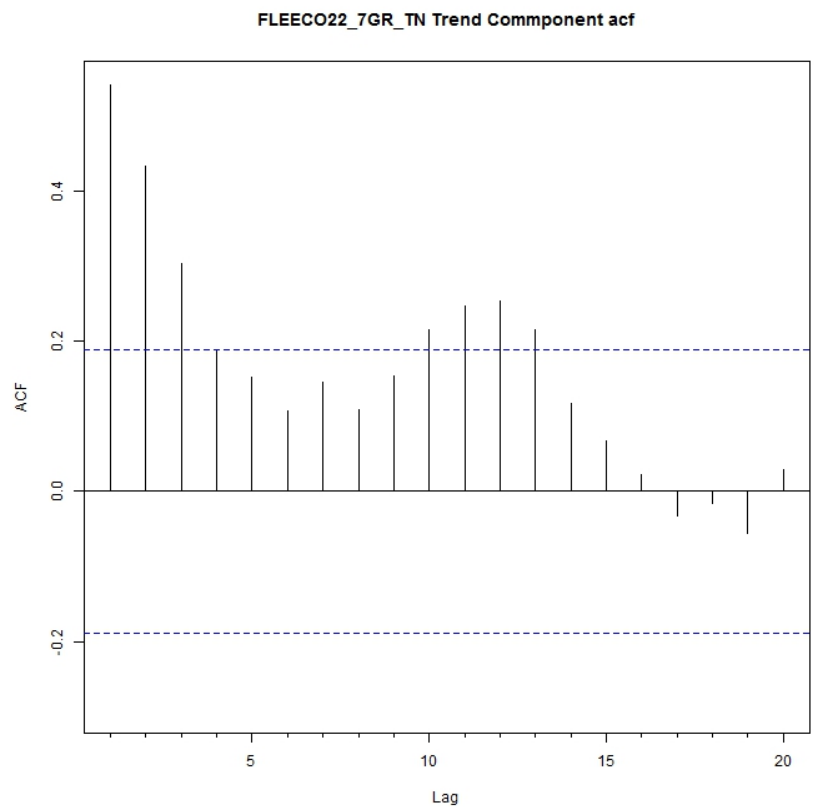
Decomposition of Imputed FLEECO22_7GR_TN Time Series



Decomposition of Imputed FLEECO22_7GR_TP Time Series

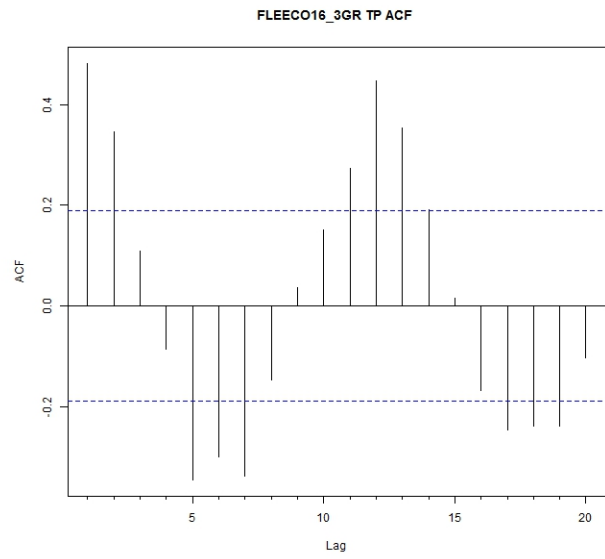
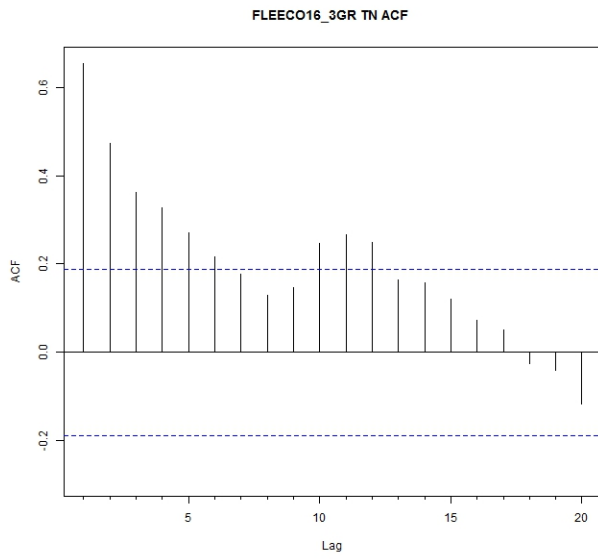


Autocorrelation of Trend Component of Decomposed Series



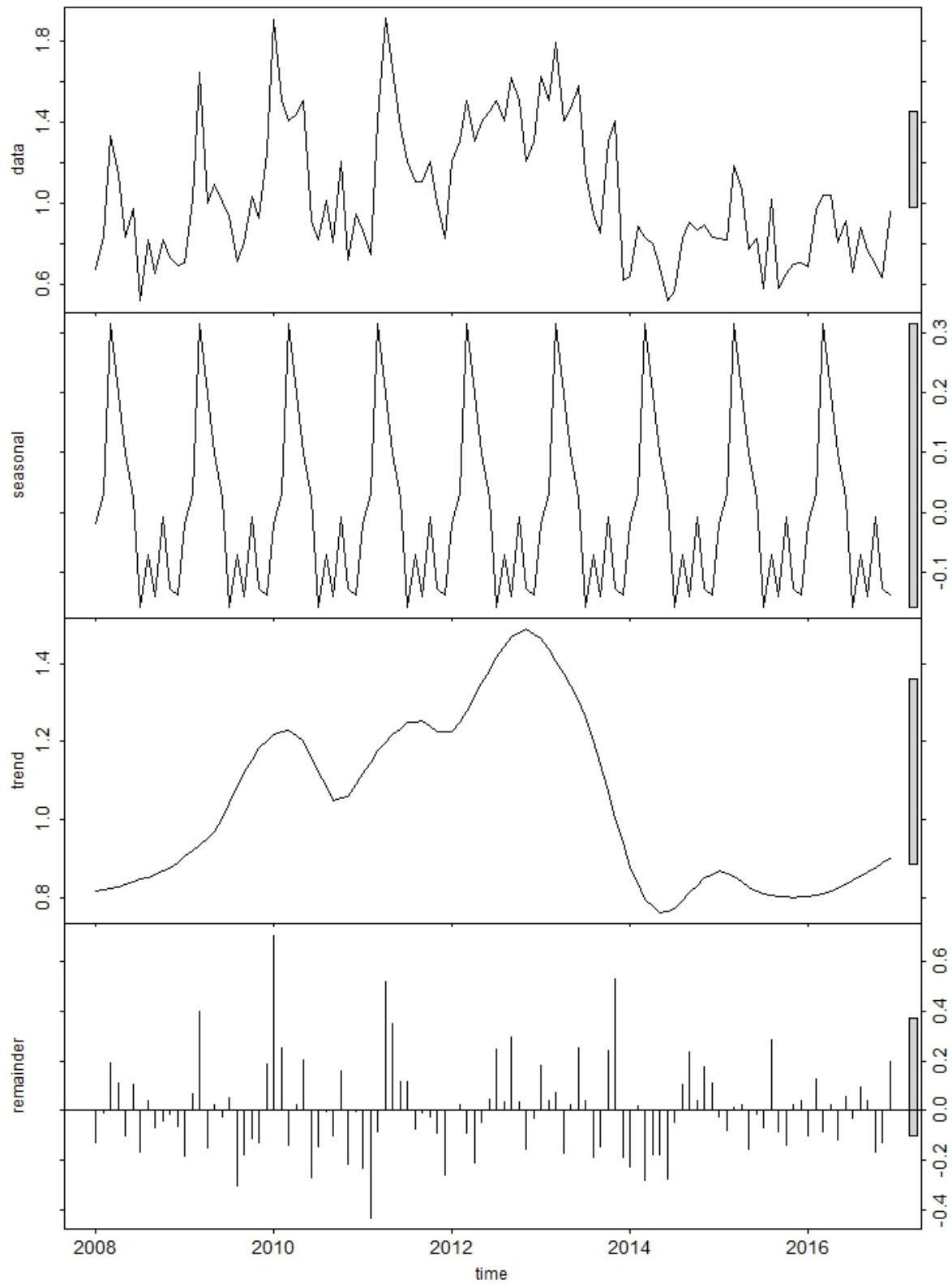
Tributary Station 16-3GR

Autocorrelation for Non-Decomposed Data Series

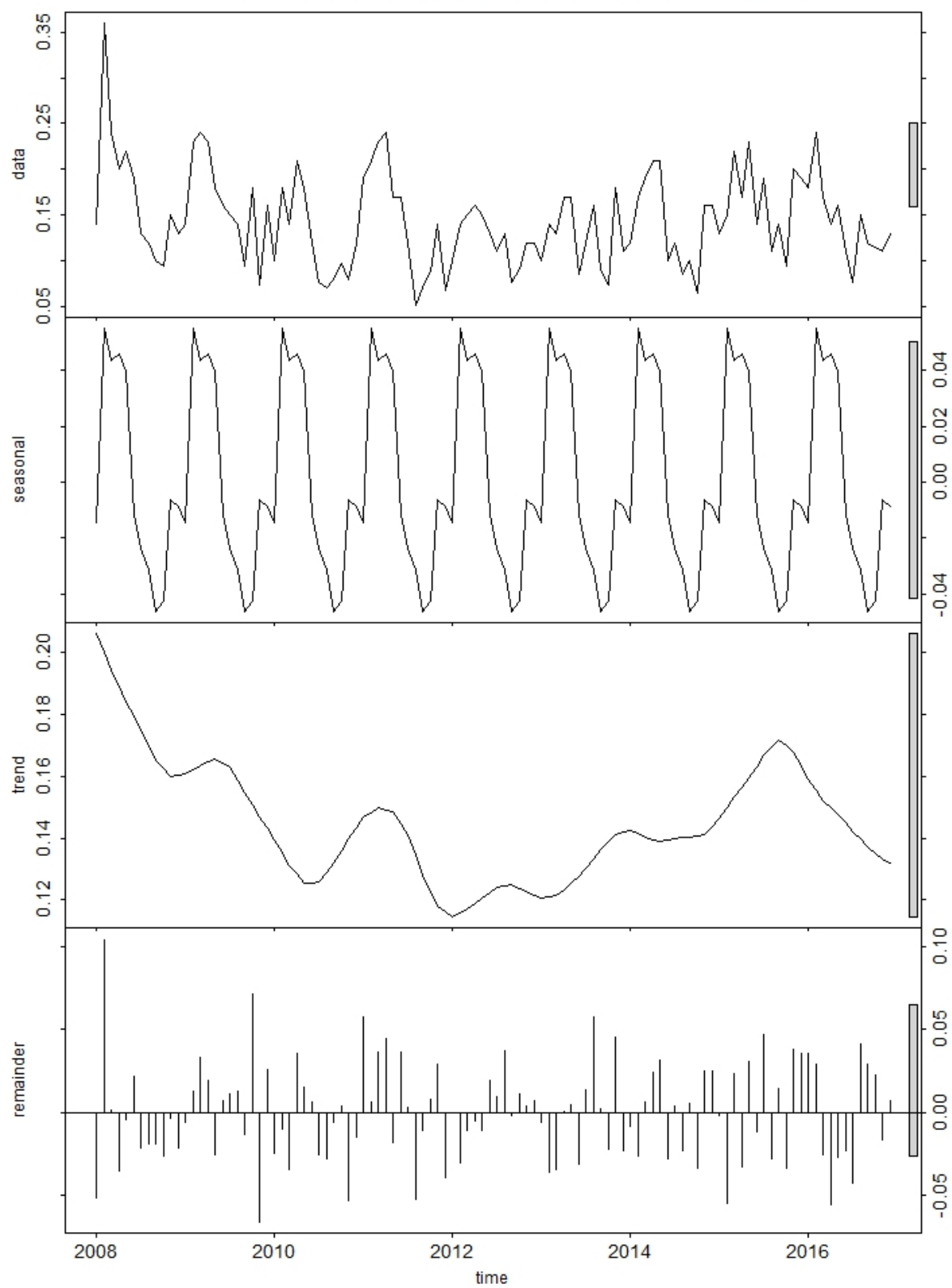


Time Series Decomposition of Interpolated Data Series

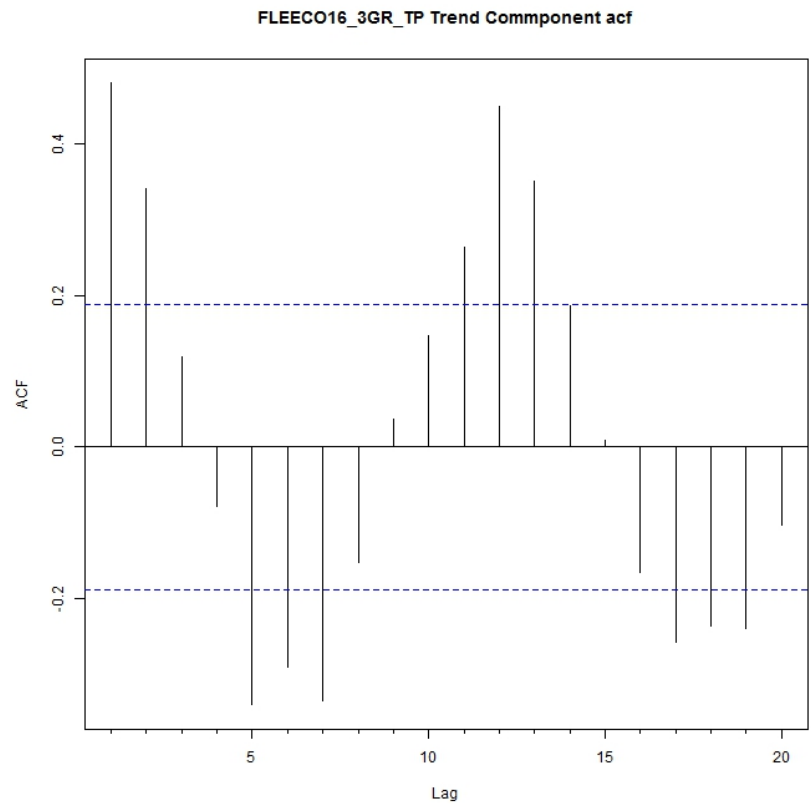
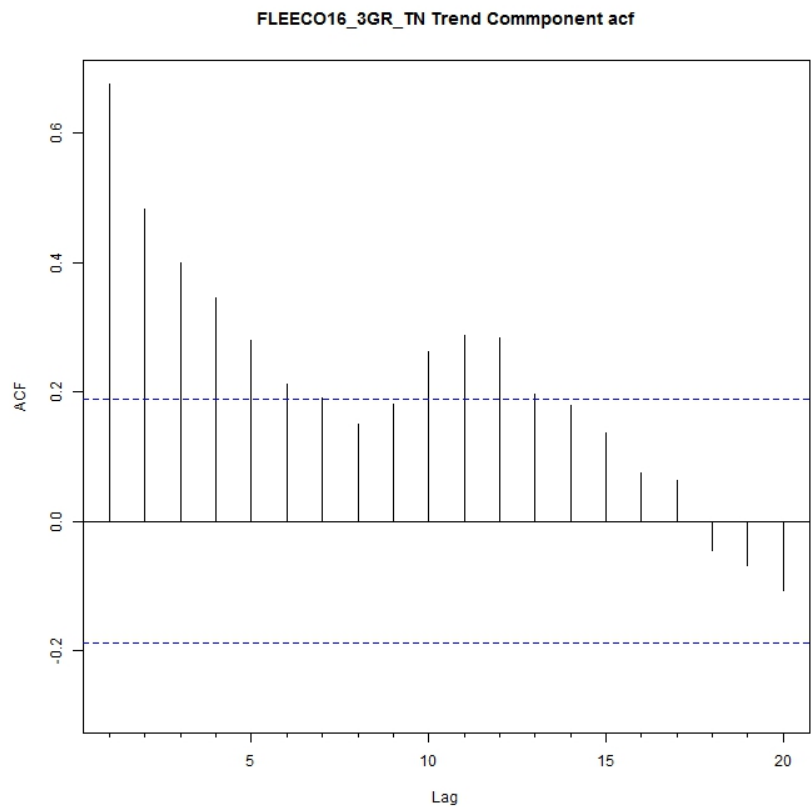
Decomposition of Interpolated FLEECO16_3GR_TN Time Series



Decomposition of Interpolated FLEECO16_3GR_TP Time Series

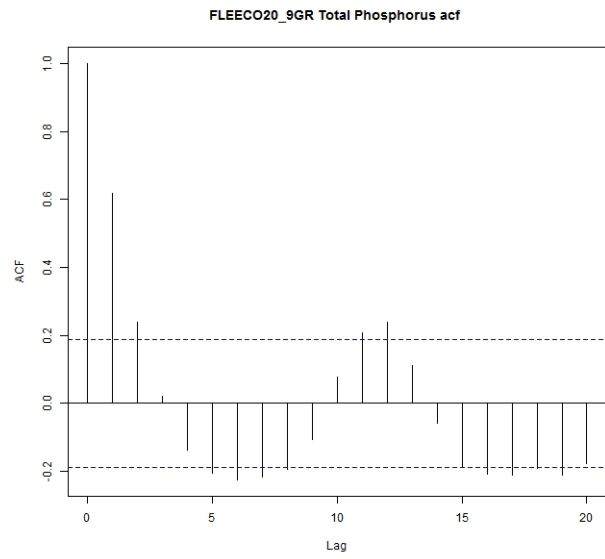
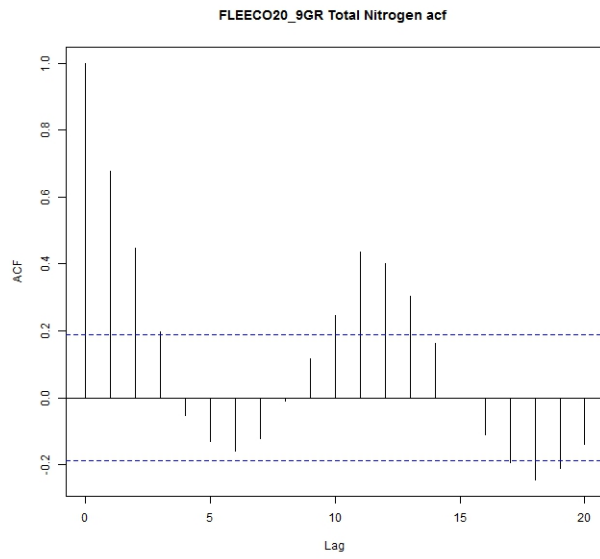


Autocorrelation of Trend Component of Decomposed Series



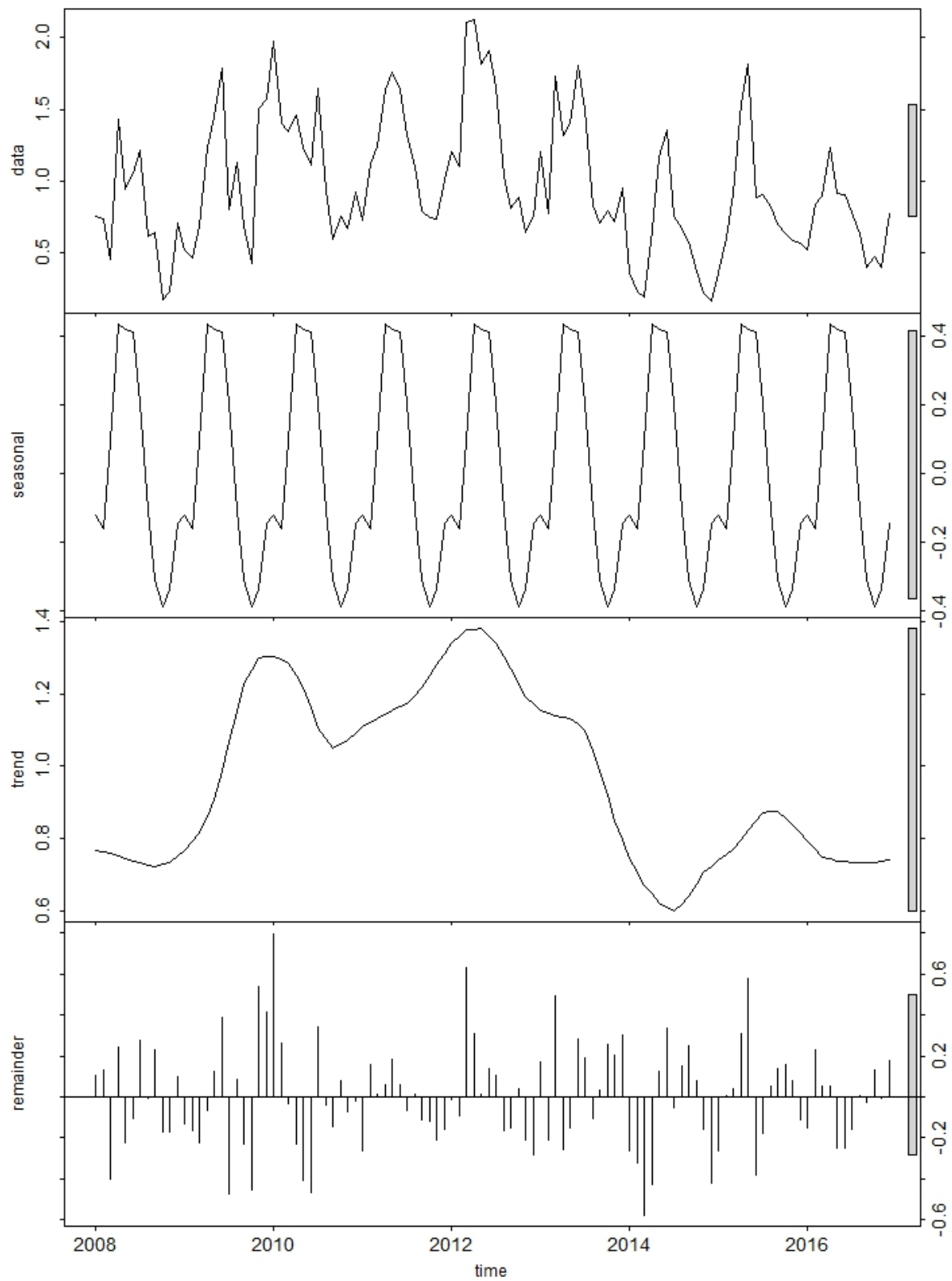
Tributary Station 20-9 GR

Autocorrelation for Non-Decomposed Data Series

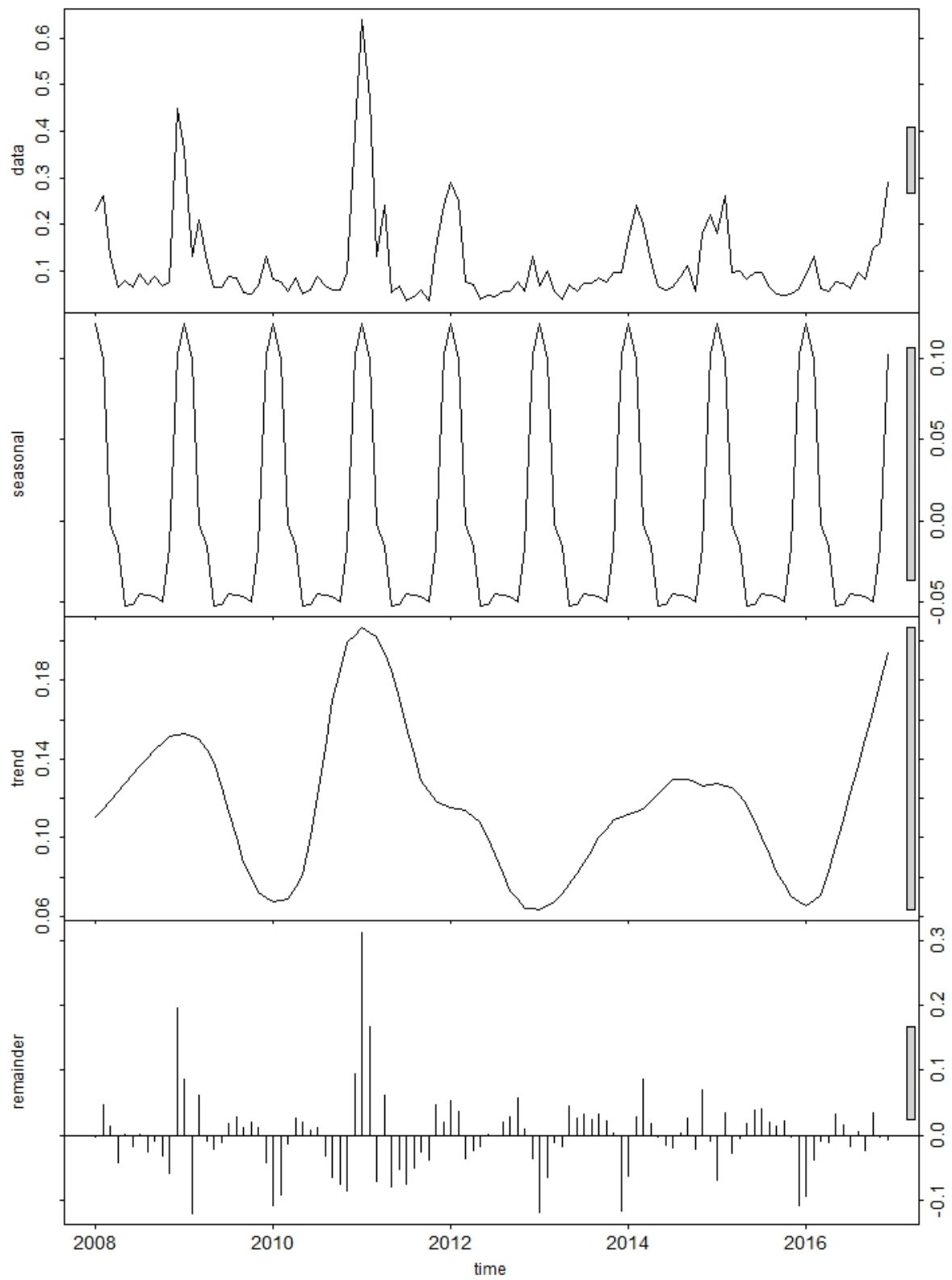


Time Series Decomposition of Interpolated Data Series

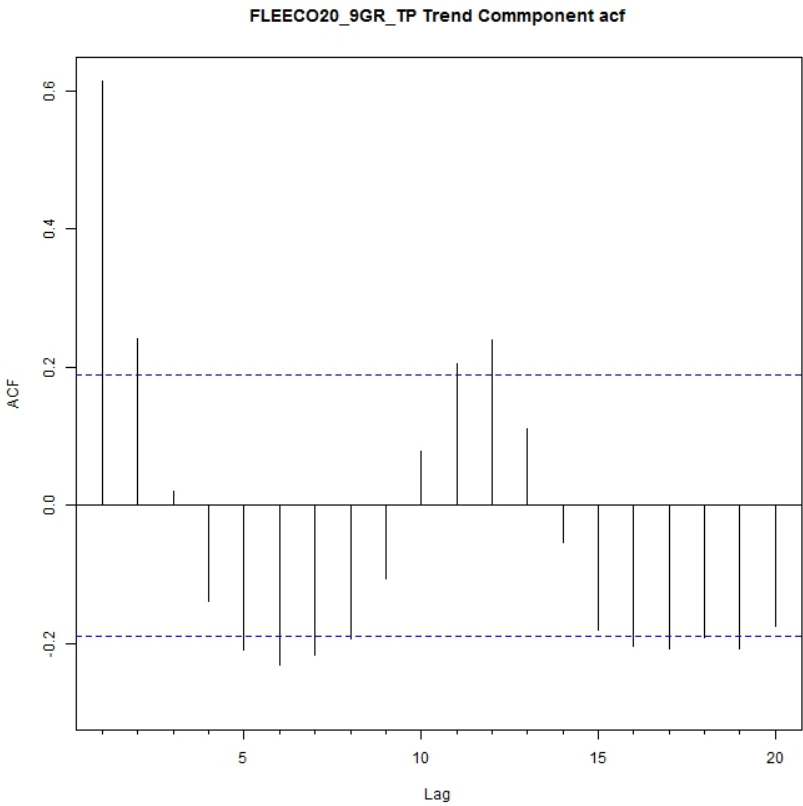
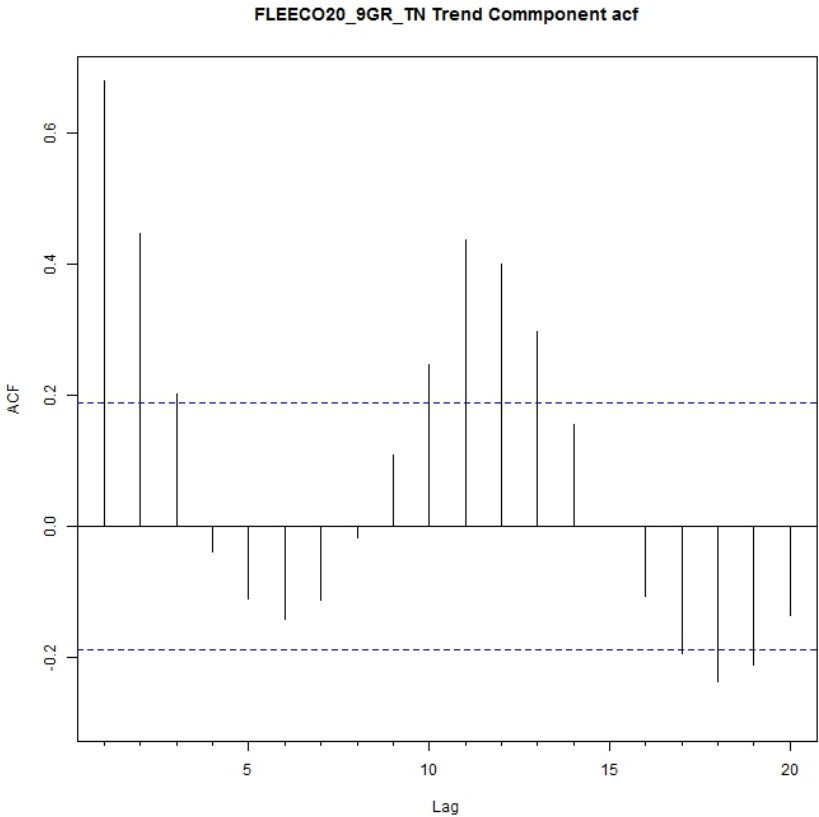
Decomposition of Interpolated FLEECO20_9GR_TN Time Series



Decomposition of Interpolated FLEECO20_9GR_TP Time Series

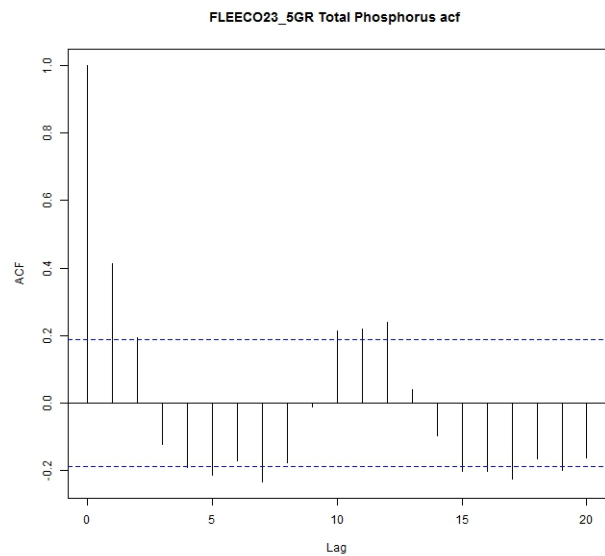
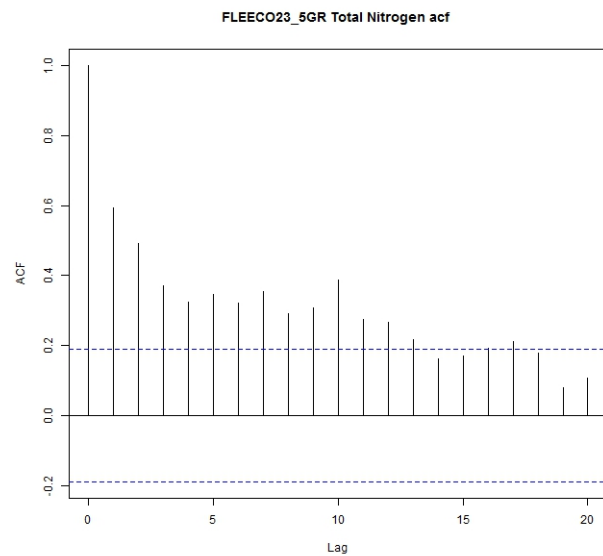


Autocorrelation of Trend Component of Decomposed Series



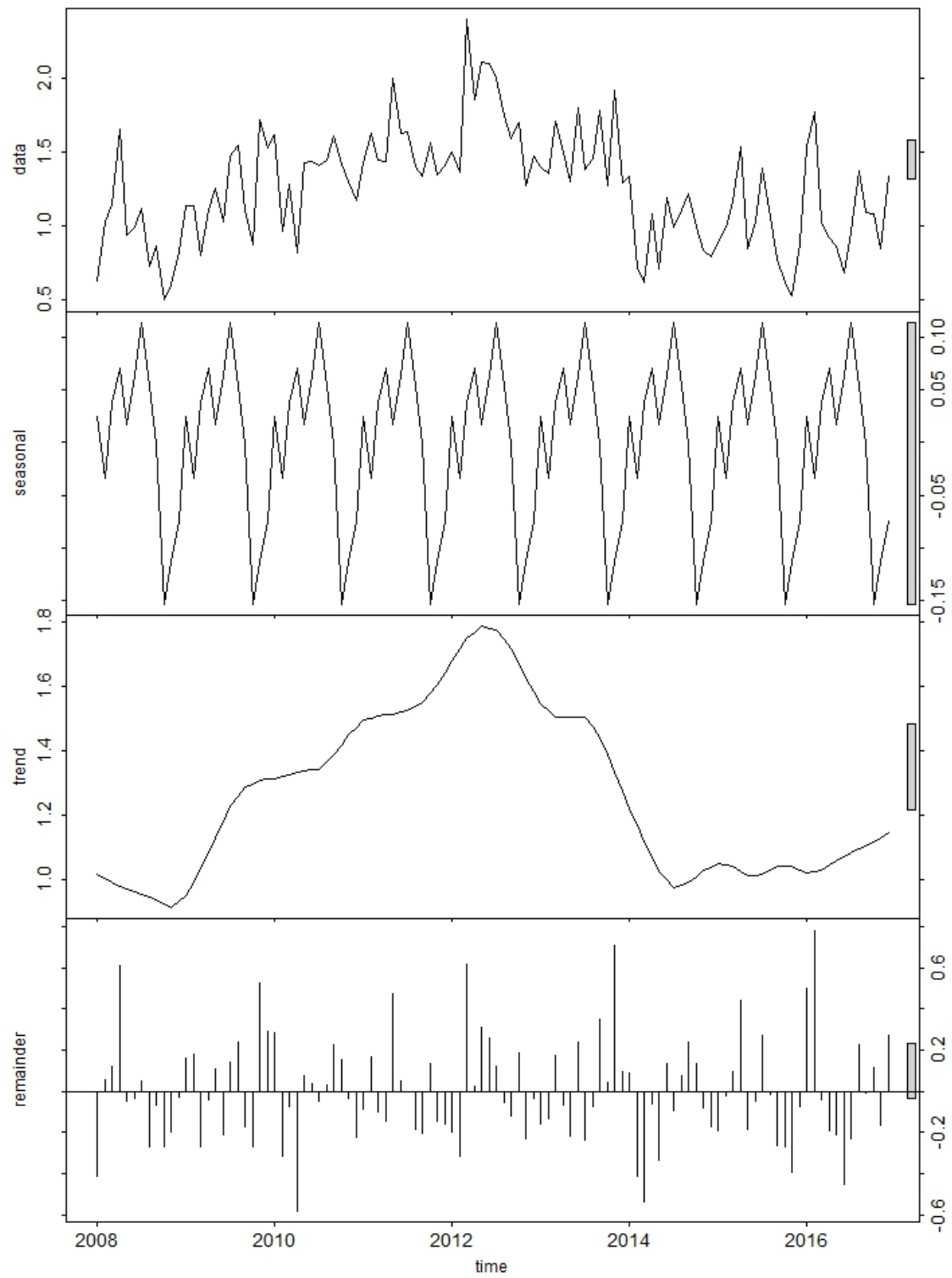
Tributary Station 23-5GR

Autocorrelation for Non-Decomposed Data Series

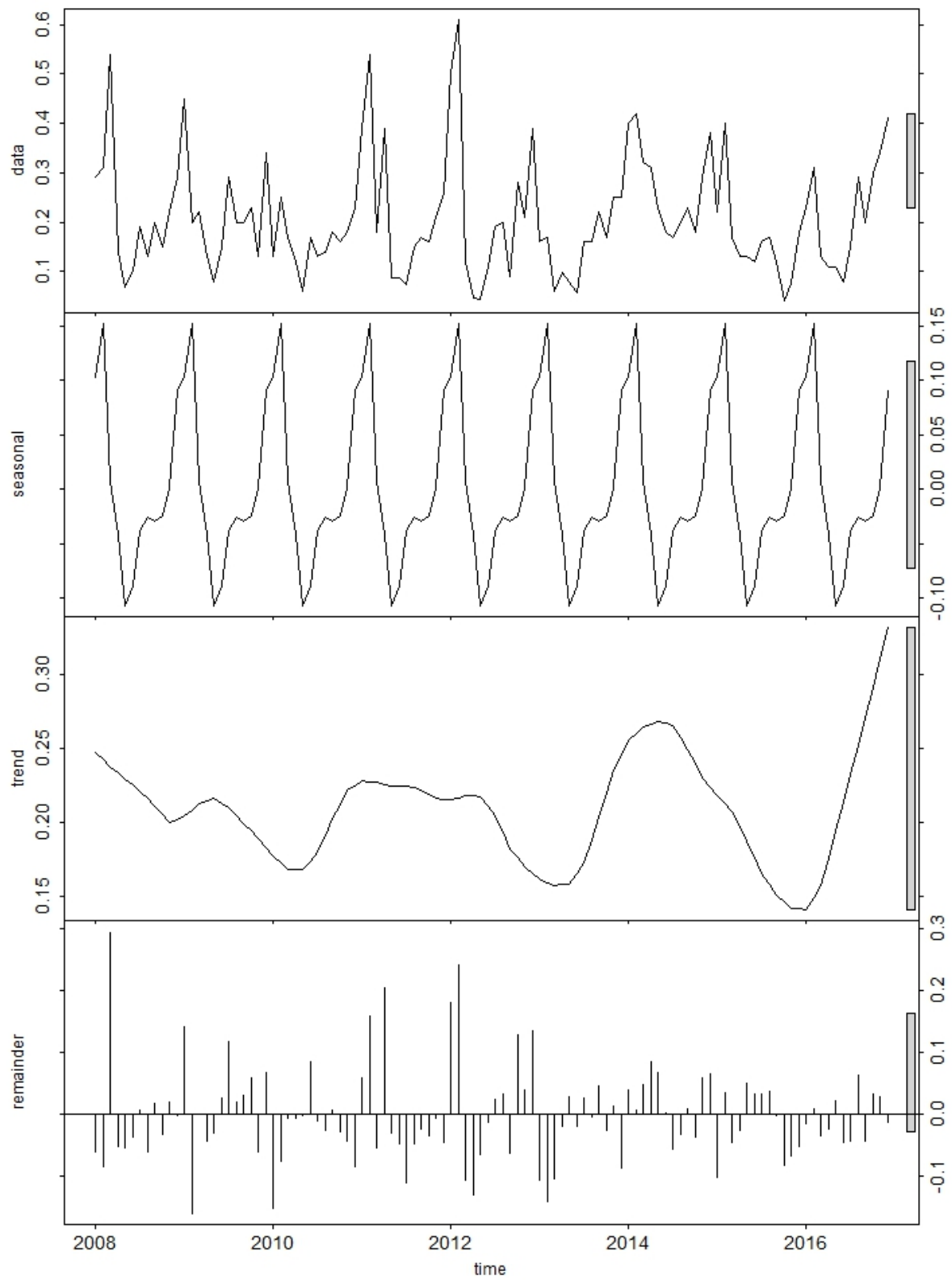


Time Series Decomposition of Interpolated Data Series

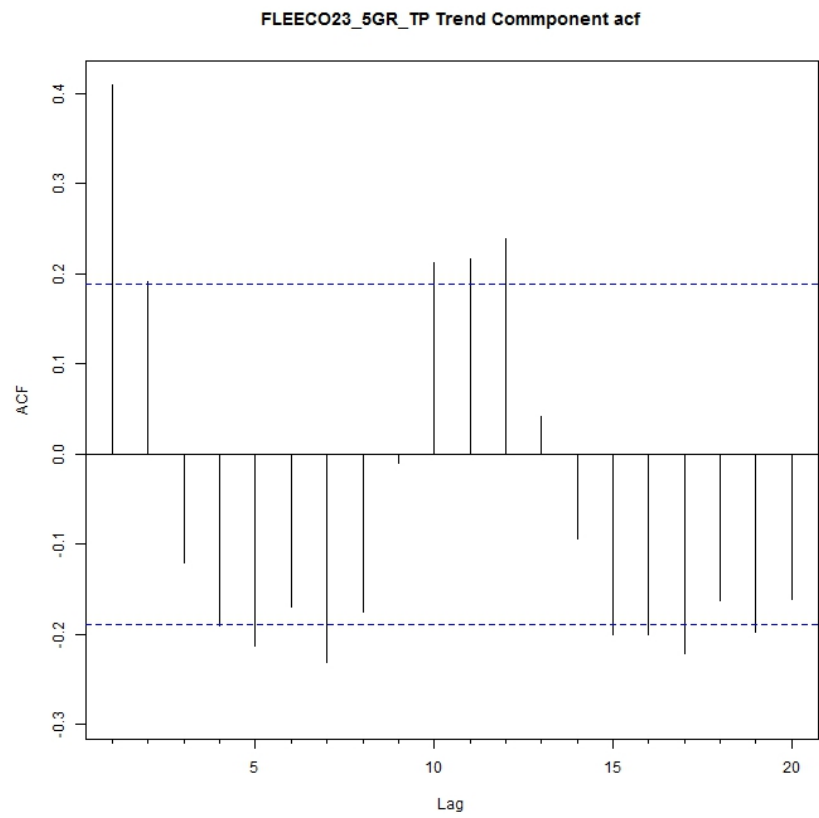
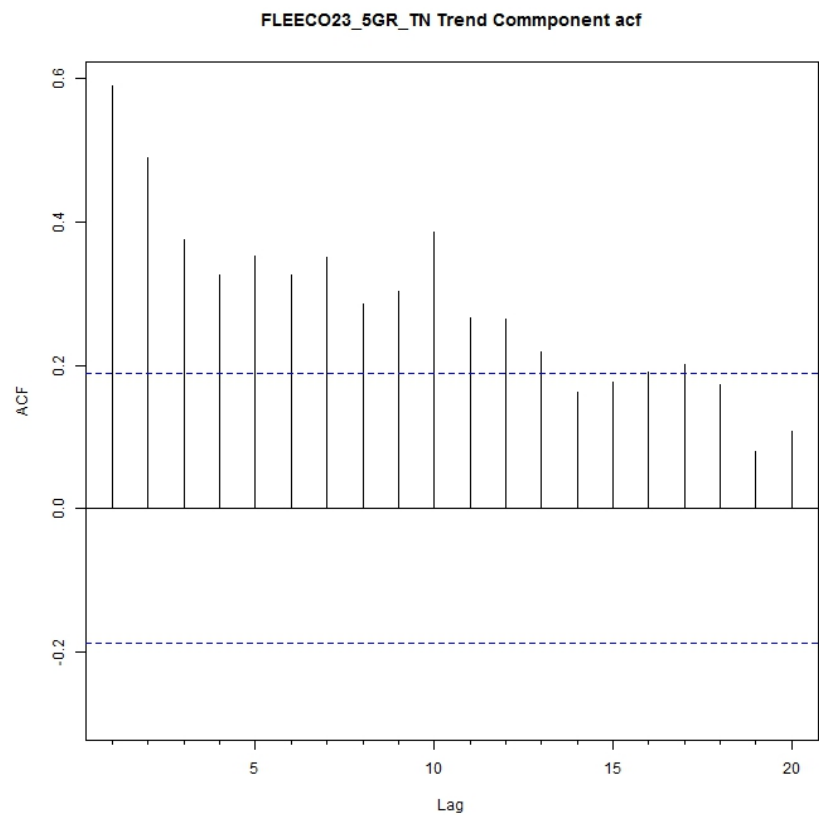
Decomposition of Interpolated FLEECO23_5GR_TN Time Series



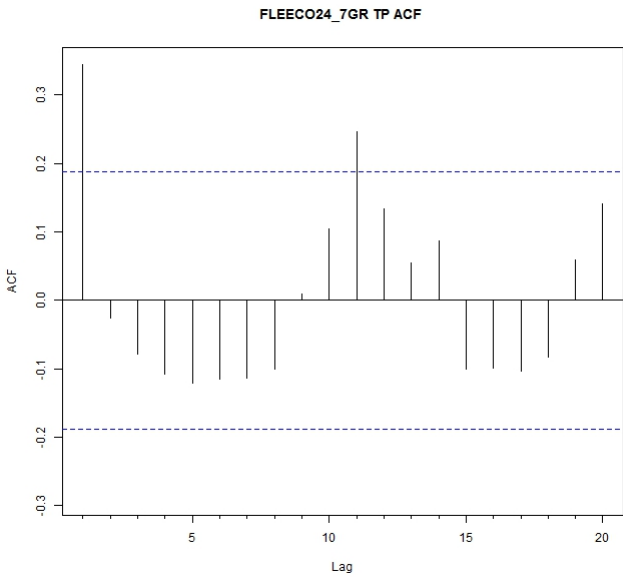
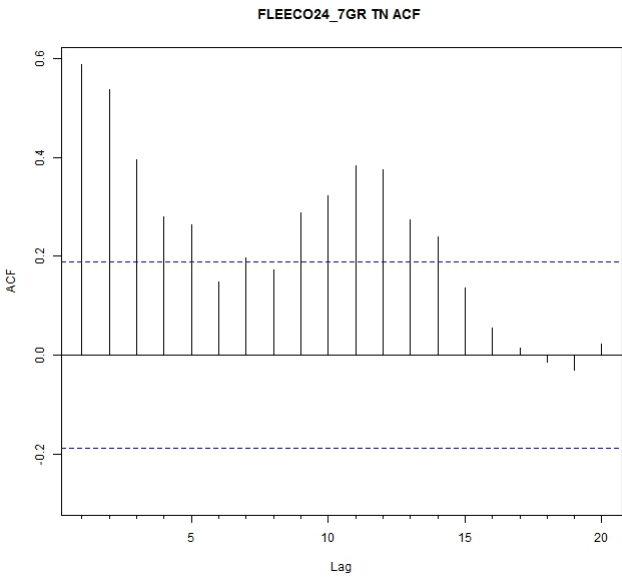
Decomposition of Interpolated FLEECO23_5GR_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

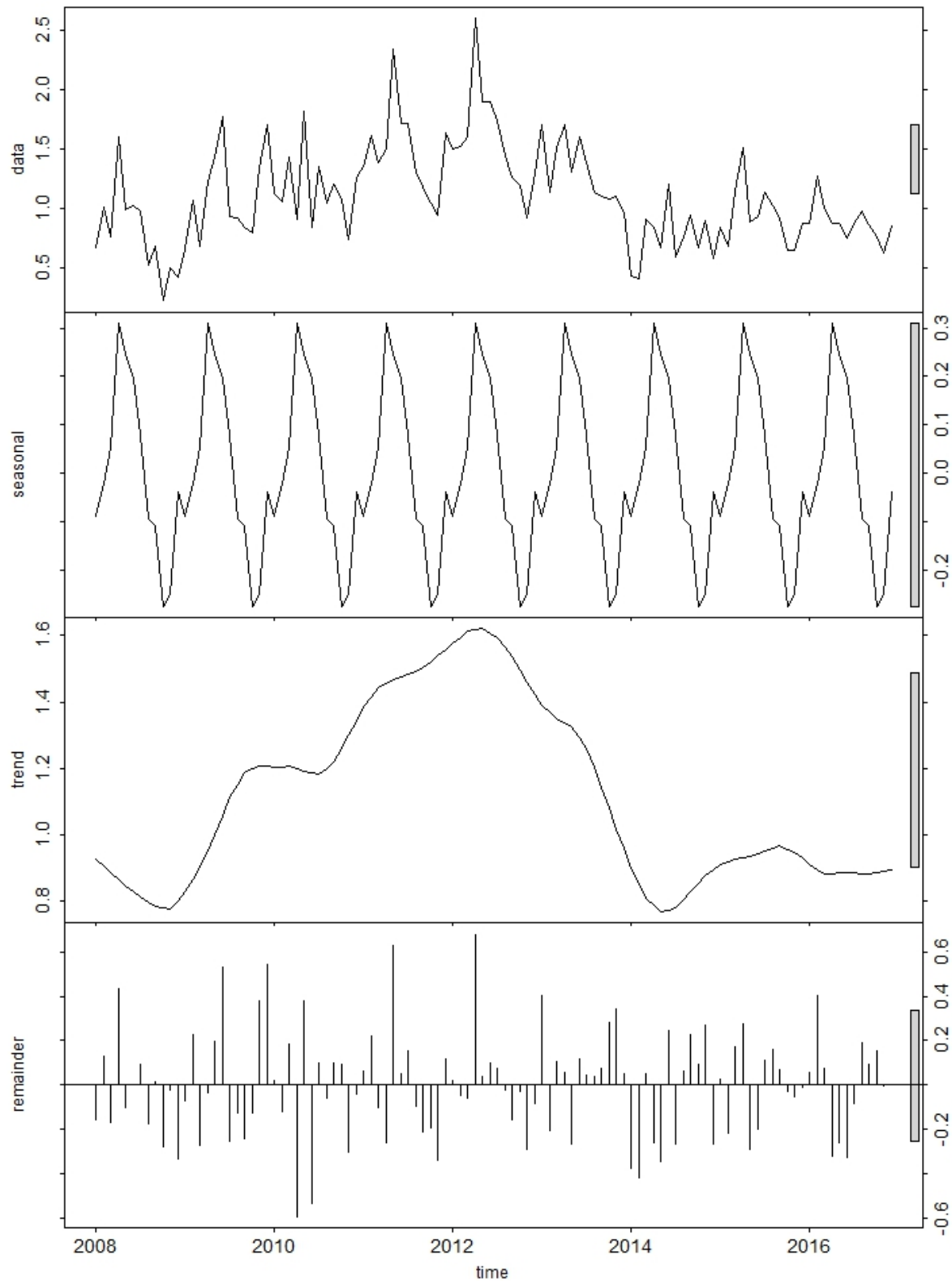


Tributary Station 24-7GR
Autocorrelation for Non-Decomposed Data Series

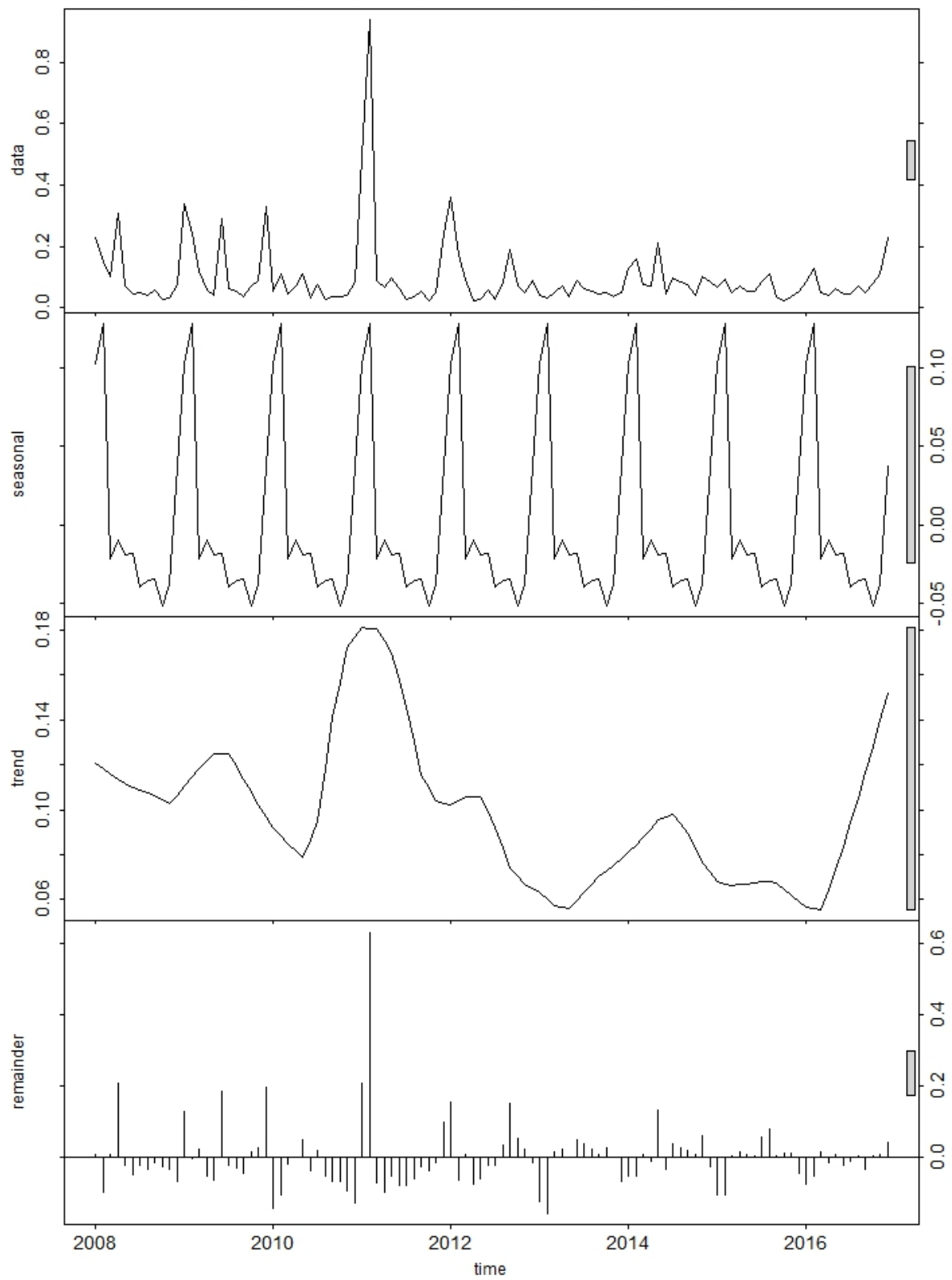


Time Series Decomposition of Interpolated Data Series

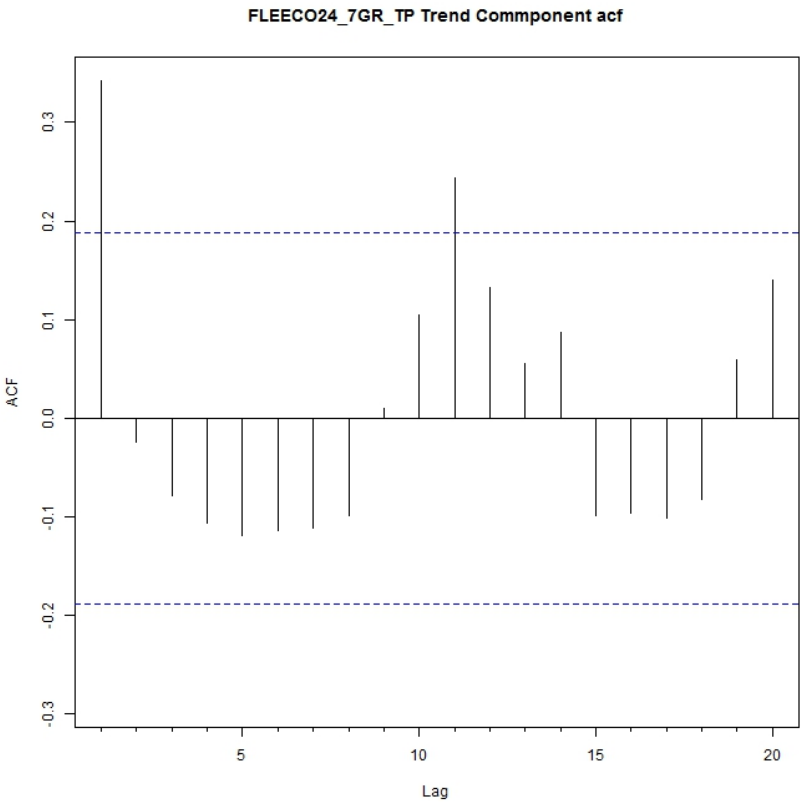
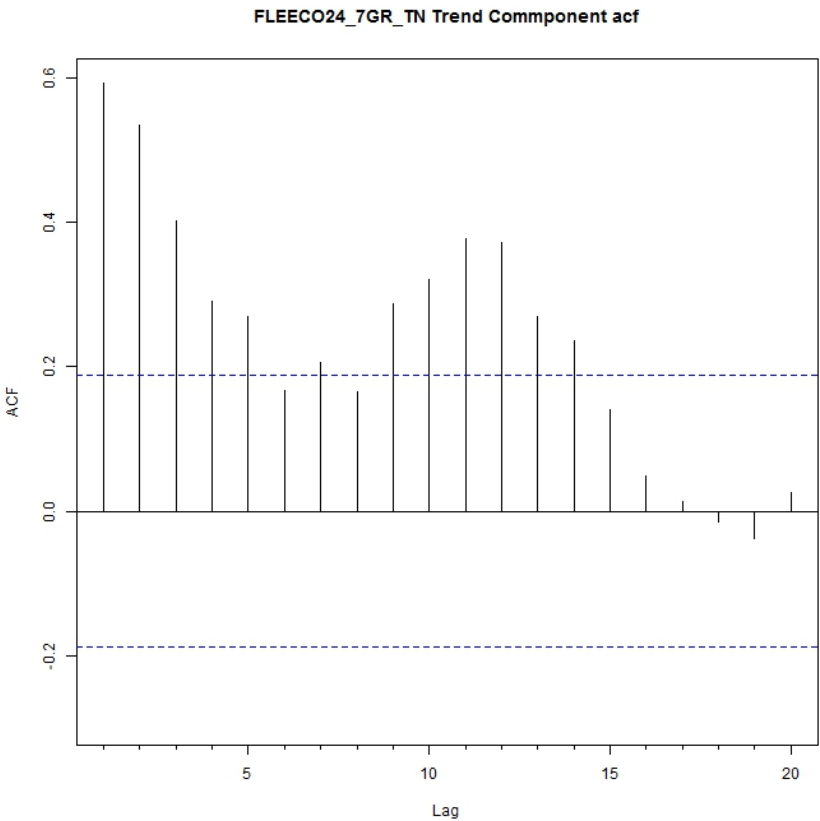
Decomposition of Interpolated FLEECO24_7GR_TN Time Series



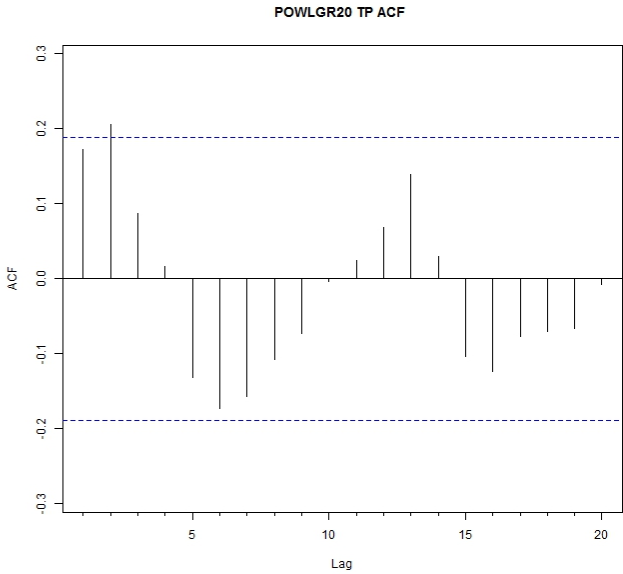
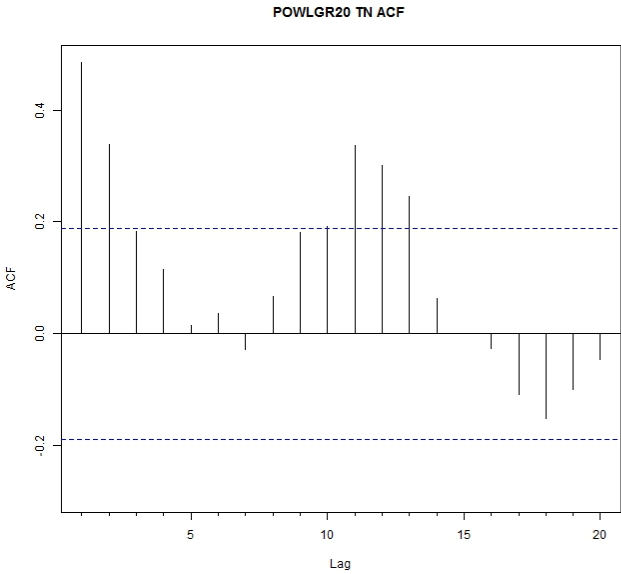
Decomposition of Interpolated FLEECO24_7GR_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

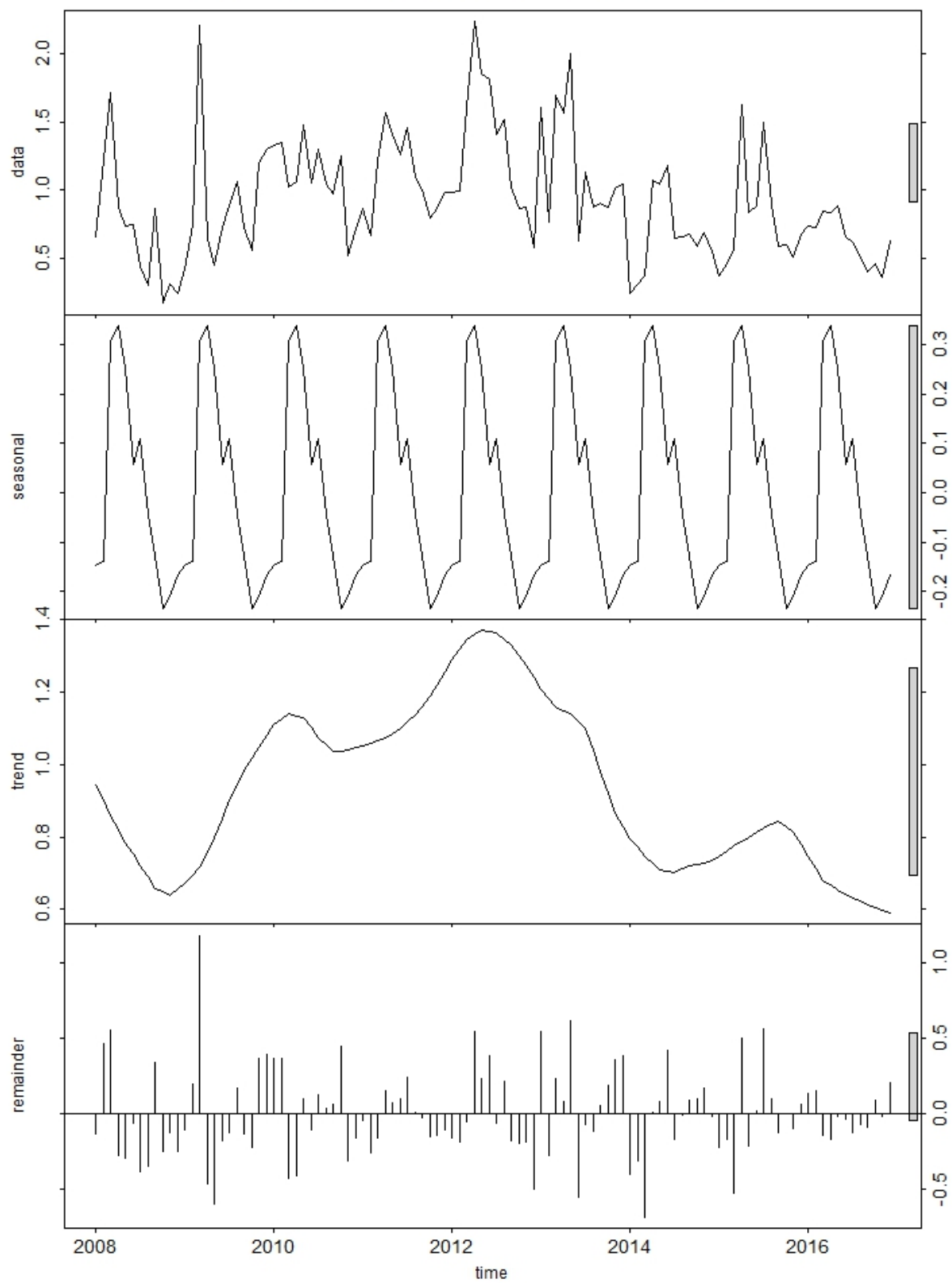


Tributary Station POWLGR20
Autocorrelation for Non-Decomposed Data Series

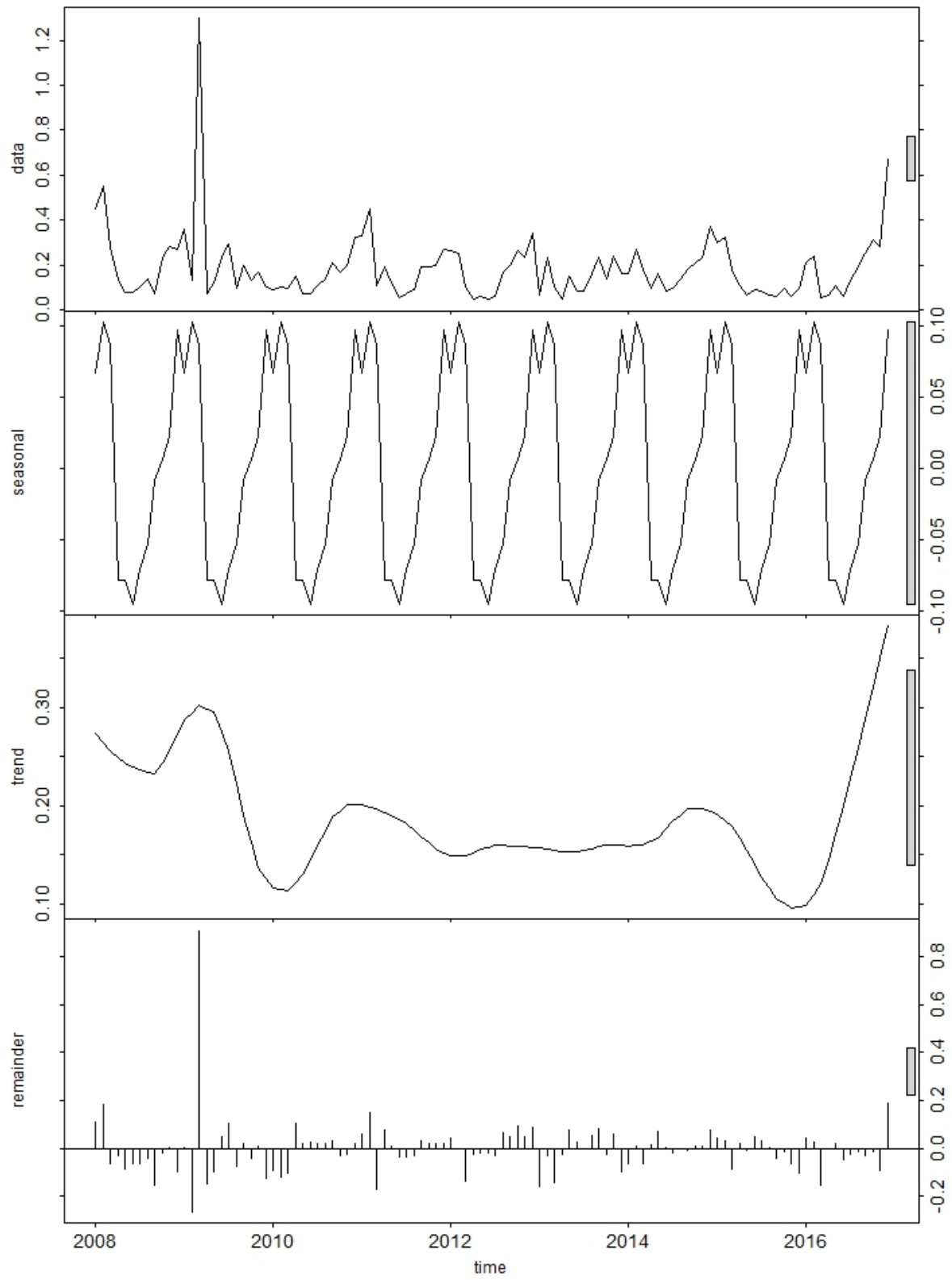


Time Series Decomposition of Interpolated Data Series

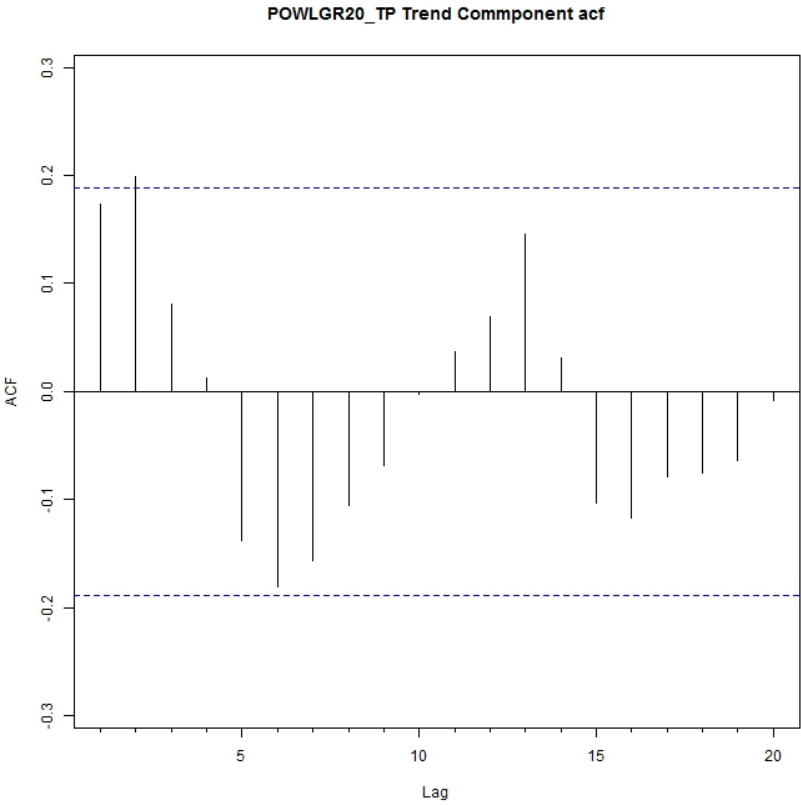
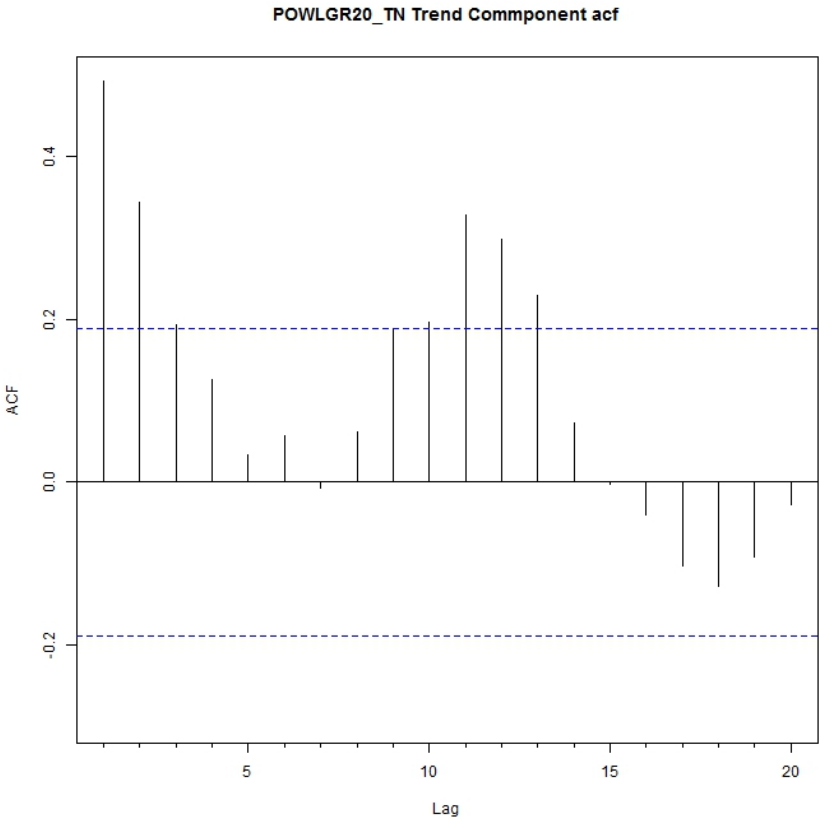
Decomposition of Interpolated POWLGR20_TN Time Series



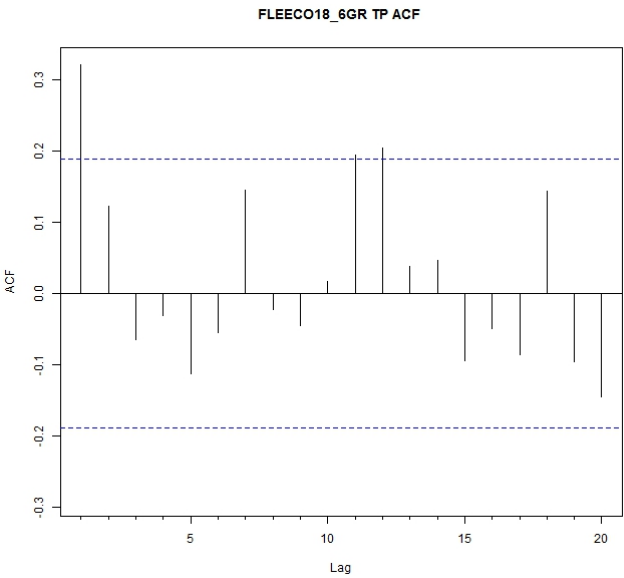
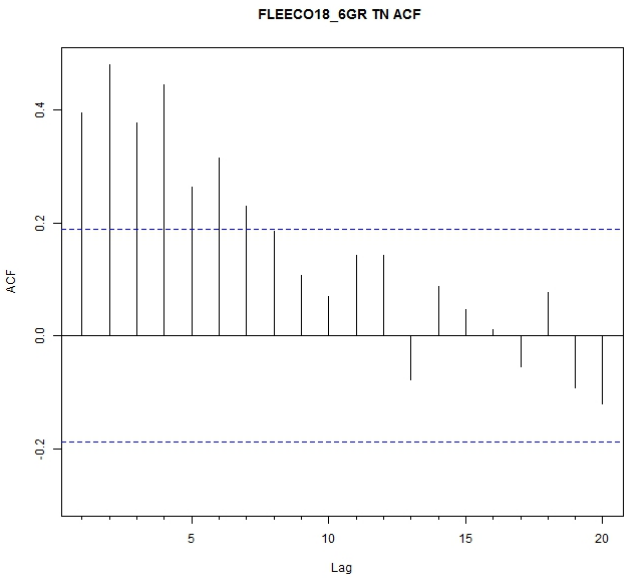
Decomposition of Interpolated POWLGR20_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

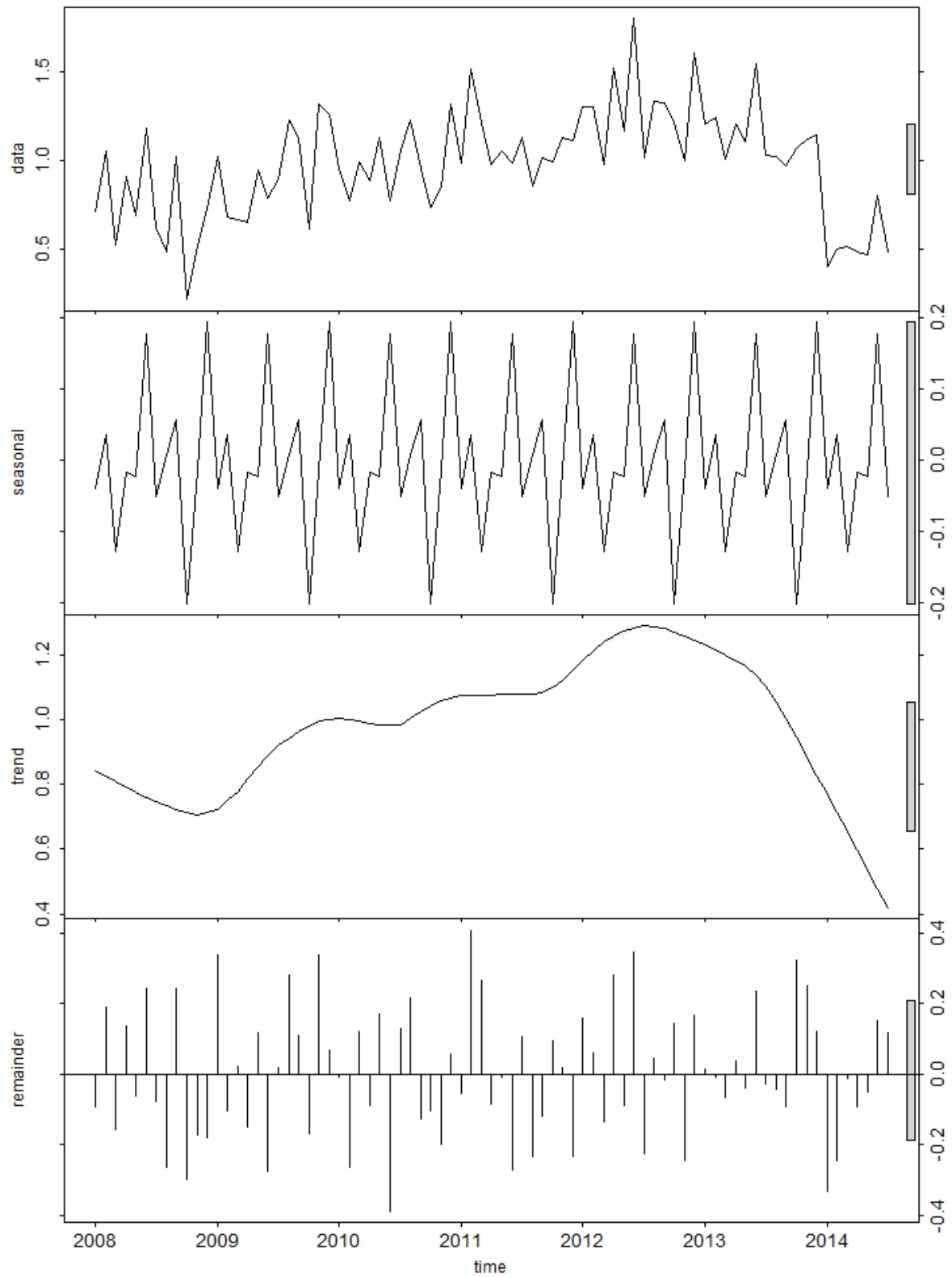


Tributary Station 18-6GR
Autocorrelation for Non-Decomposed Data Series

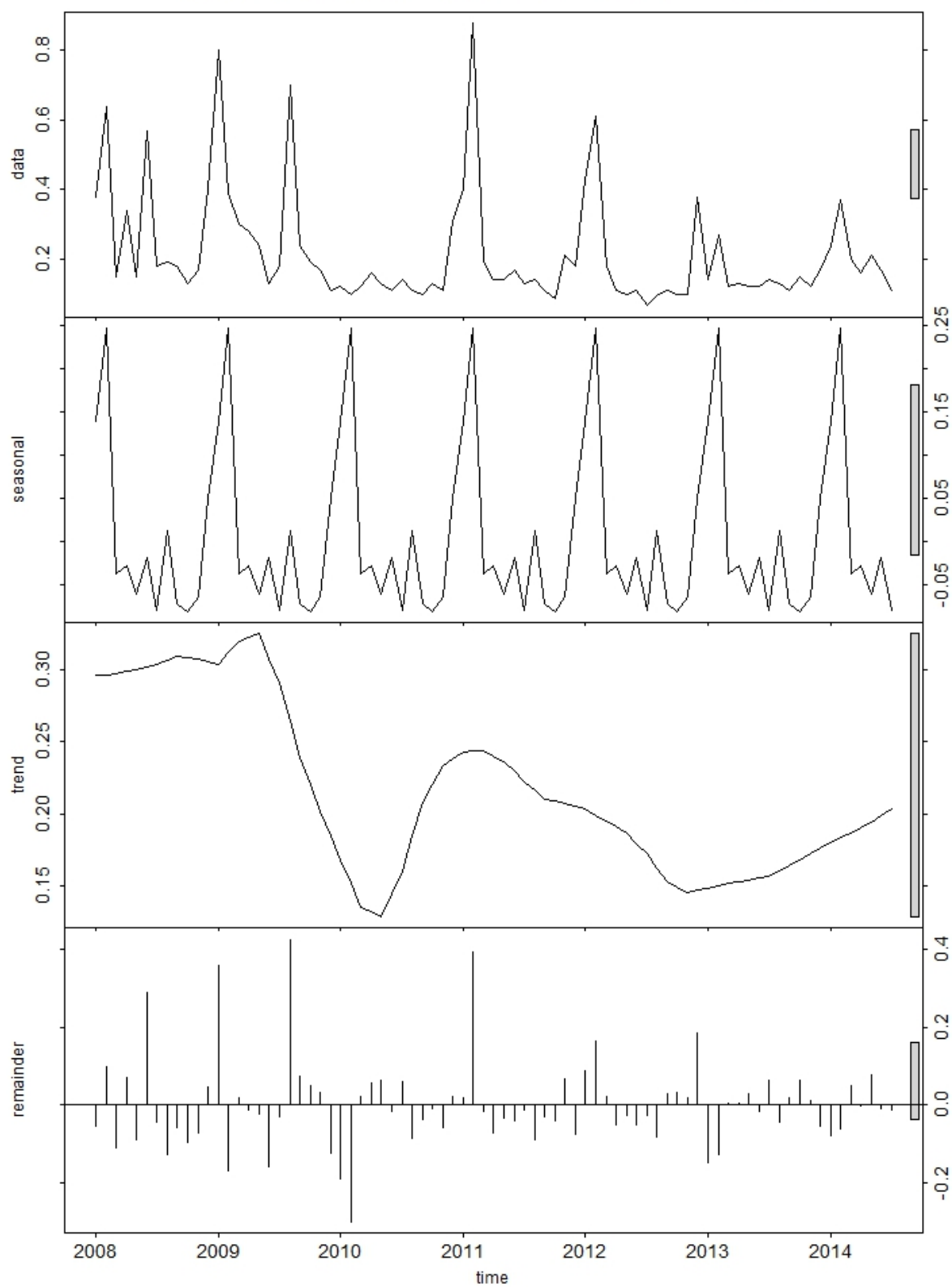


Time Series Decomposition of Interpolated Data Series

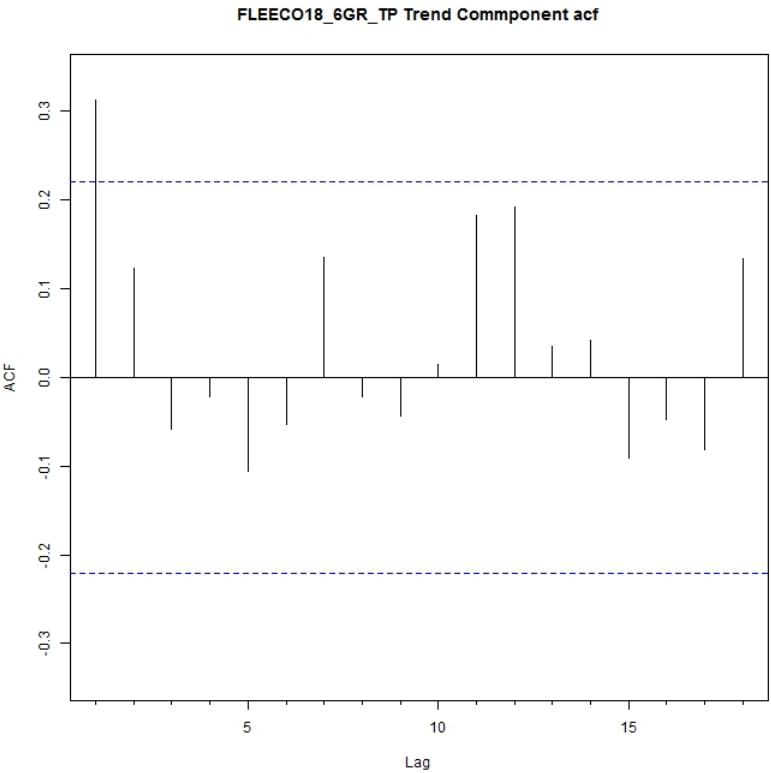
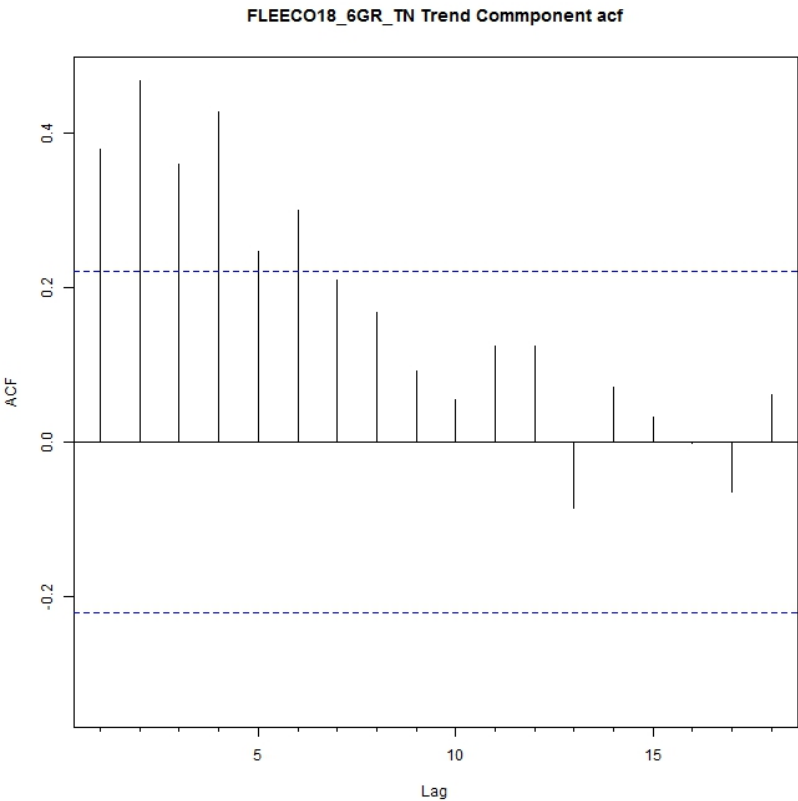
Decomposition of Continuous FLEECO18_6GR_TN Time Series



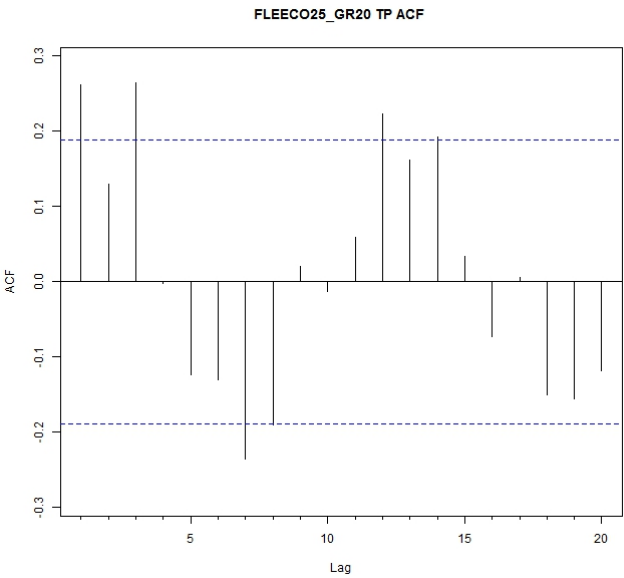
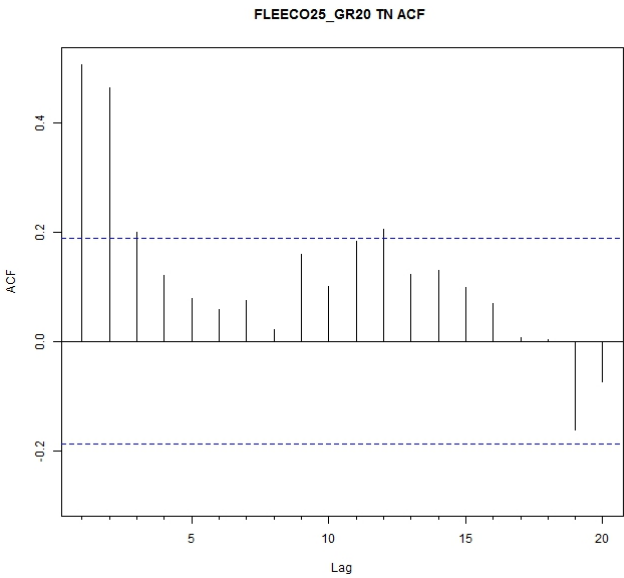
Decomposition of Continuous FLEECO18_6GR_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

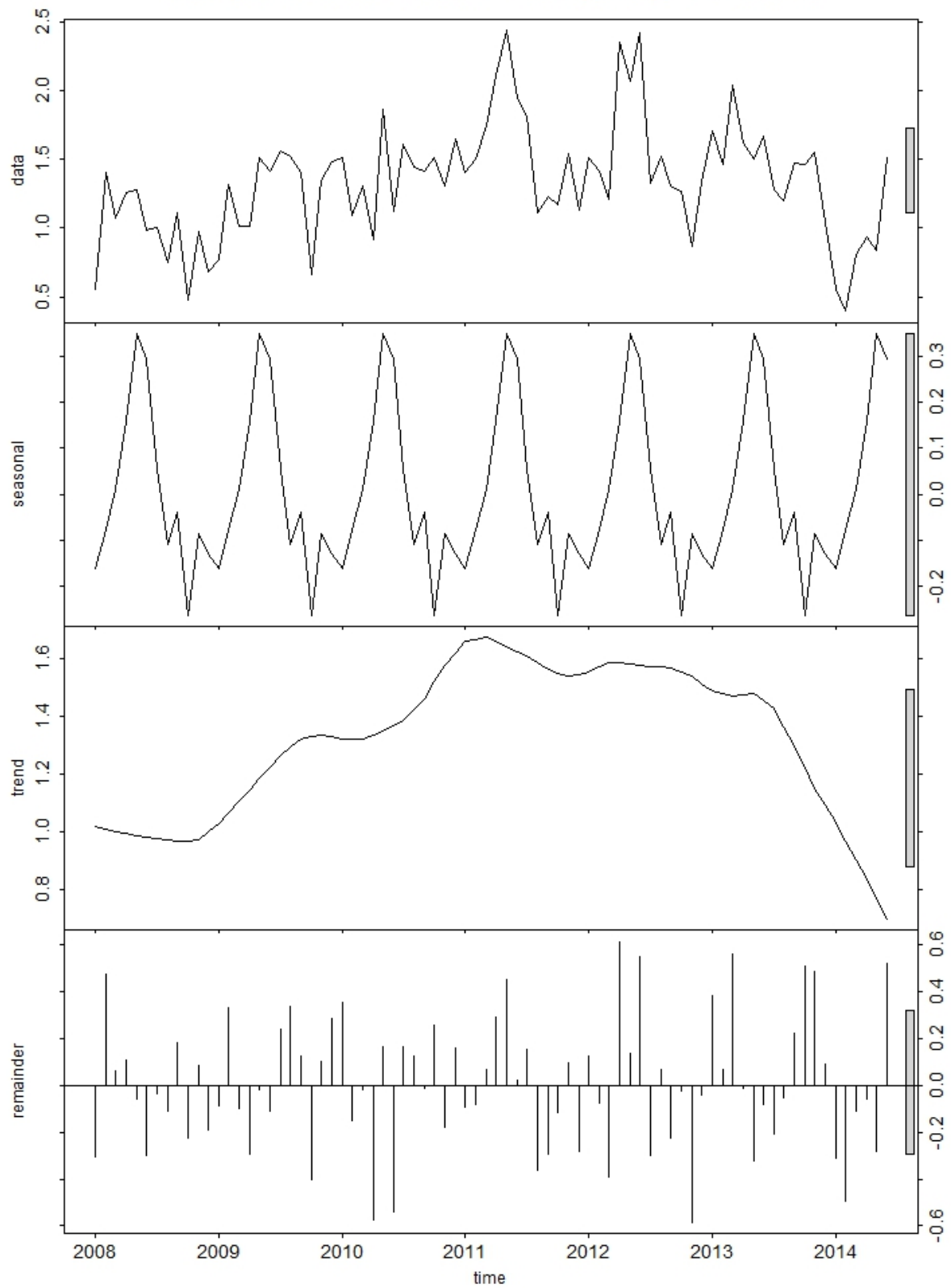


Tributary Station 25-GR20
Autocorrelation for Non-Decomposed Data Series

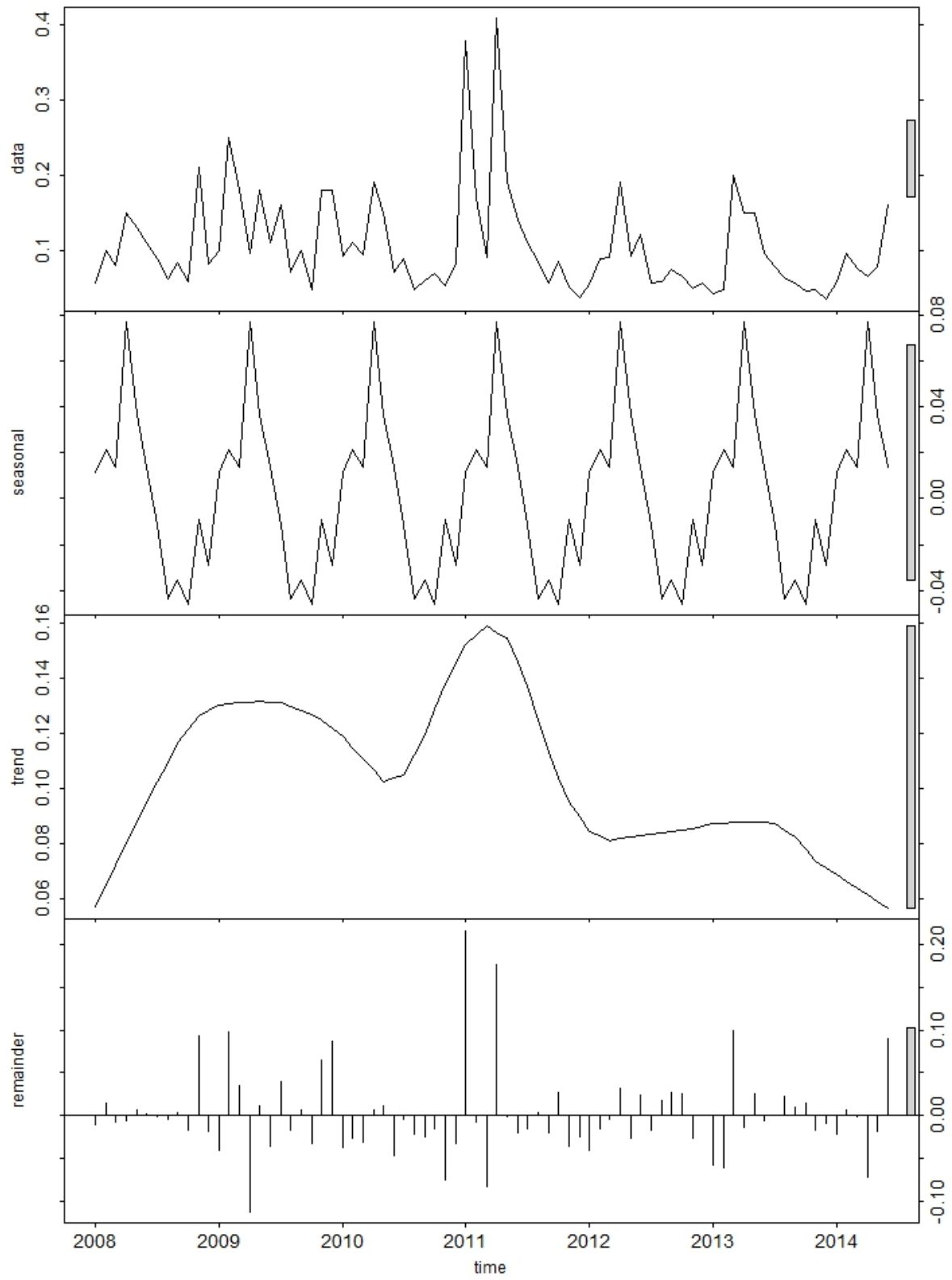


Time Series Decomposition of Interpolated Data Series

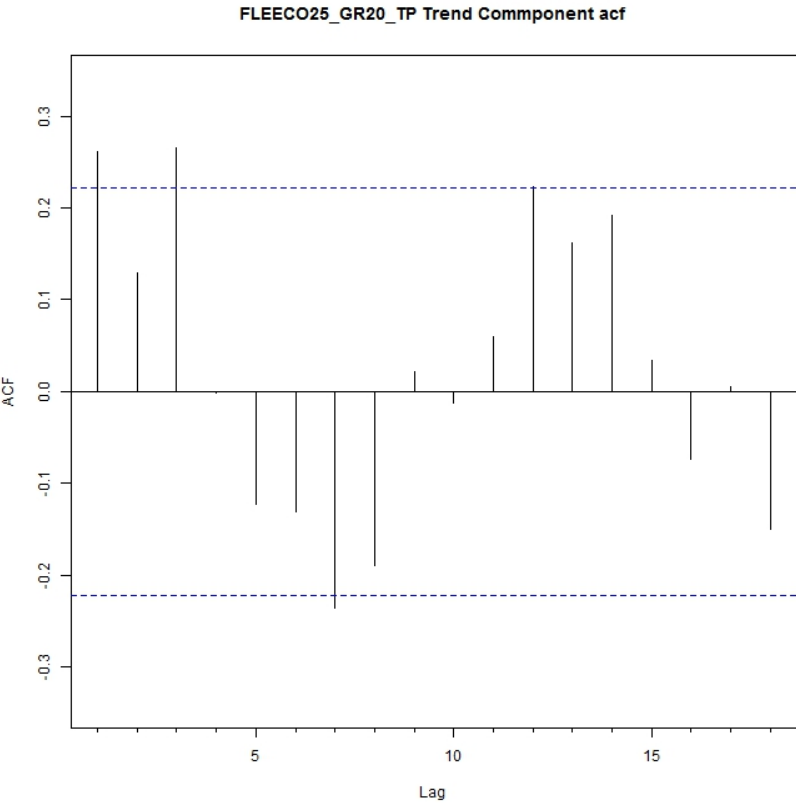
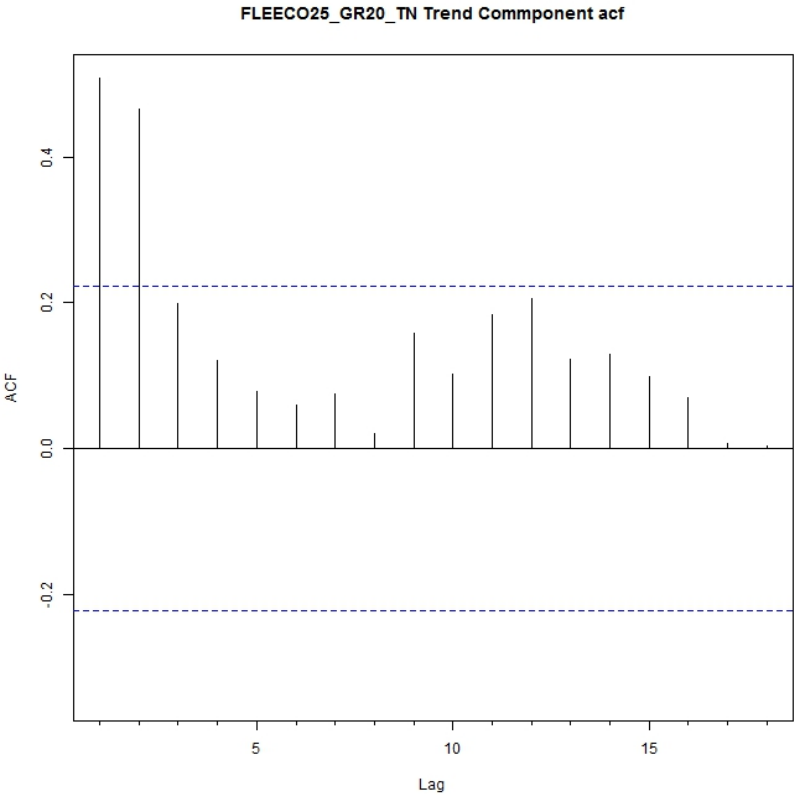
Decomposition of Continuous FLEECO25_GR20_TN Time Series



Decomposition of Continuous FLEECO25_GR20_TP Time Series

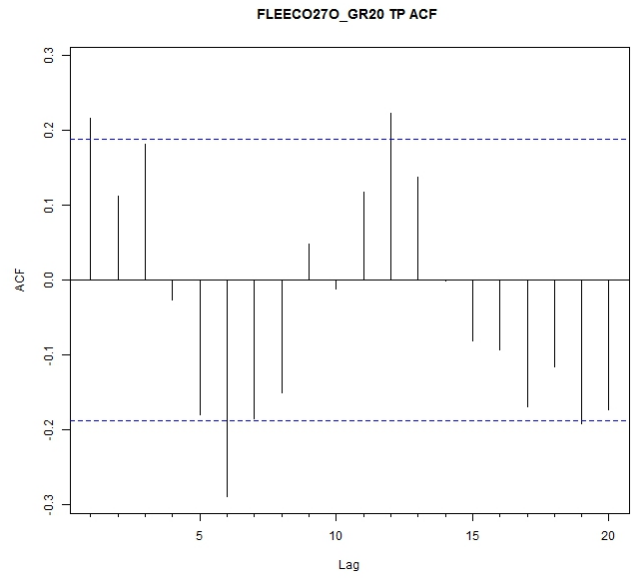
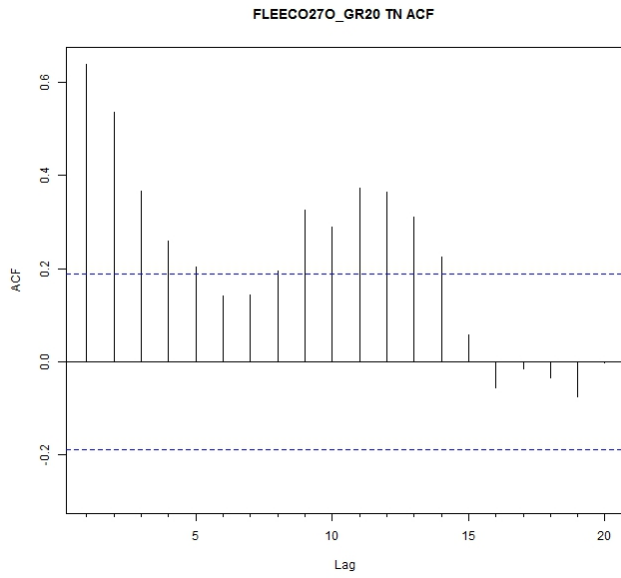


Autocorrelation of Trend Component of Decomposed Series



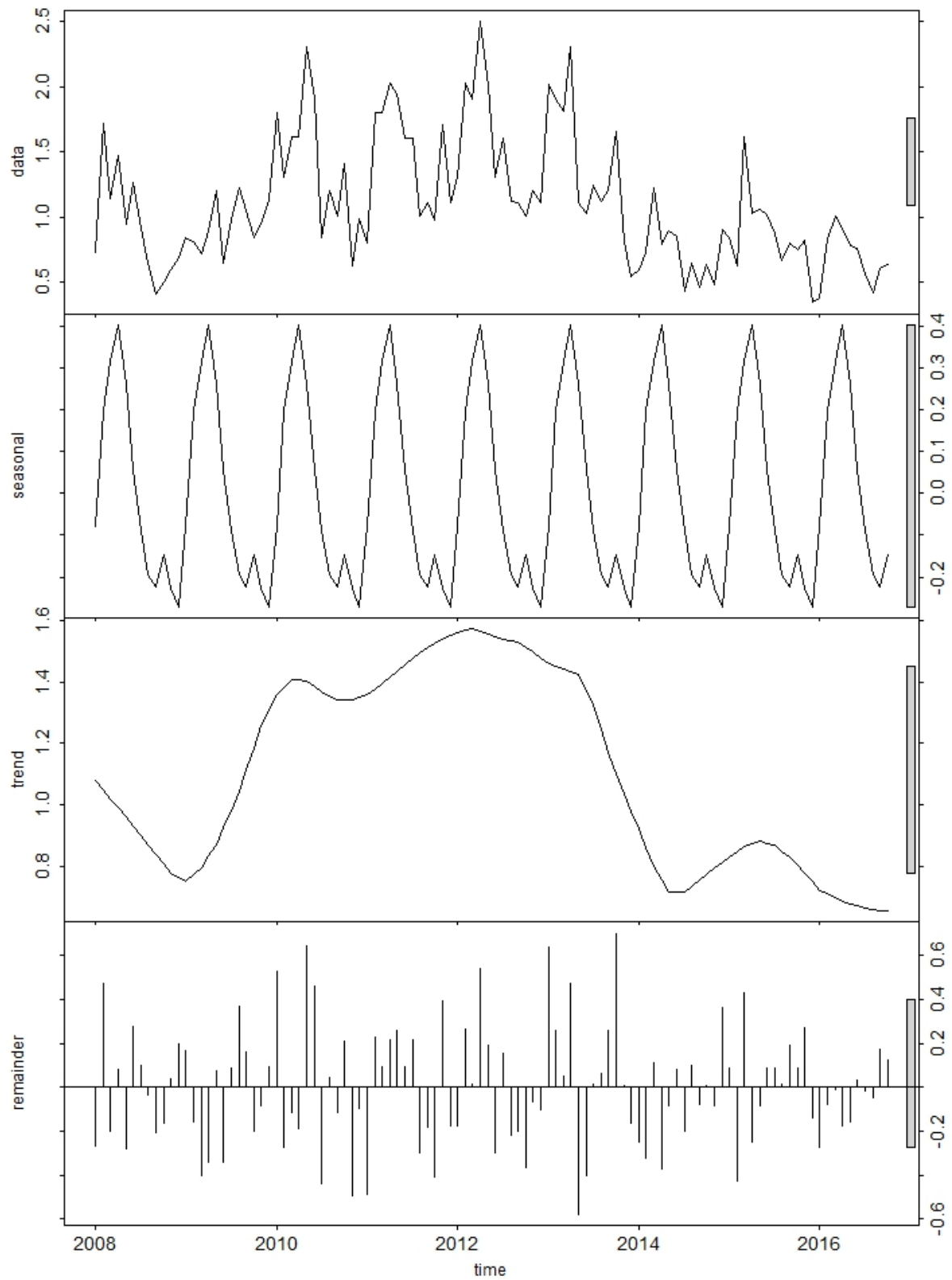
Tributary Station 27O-GR20

Autocorrelation for Non-Decomposed Data Series

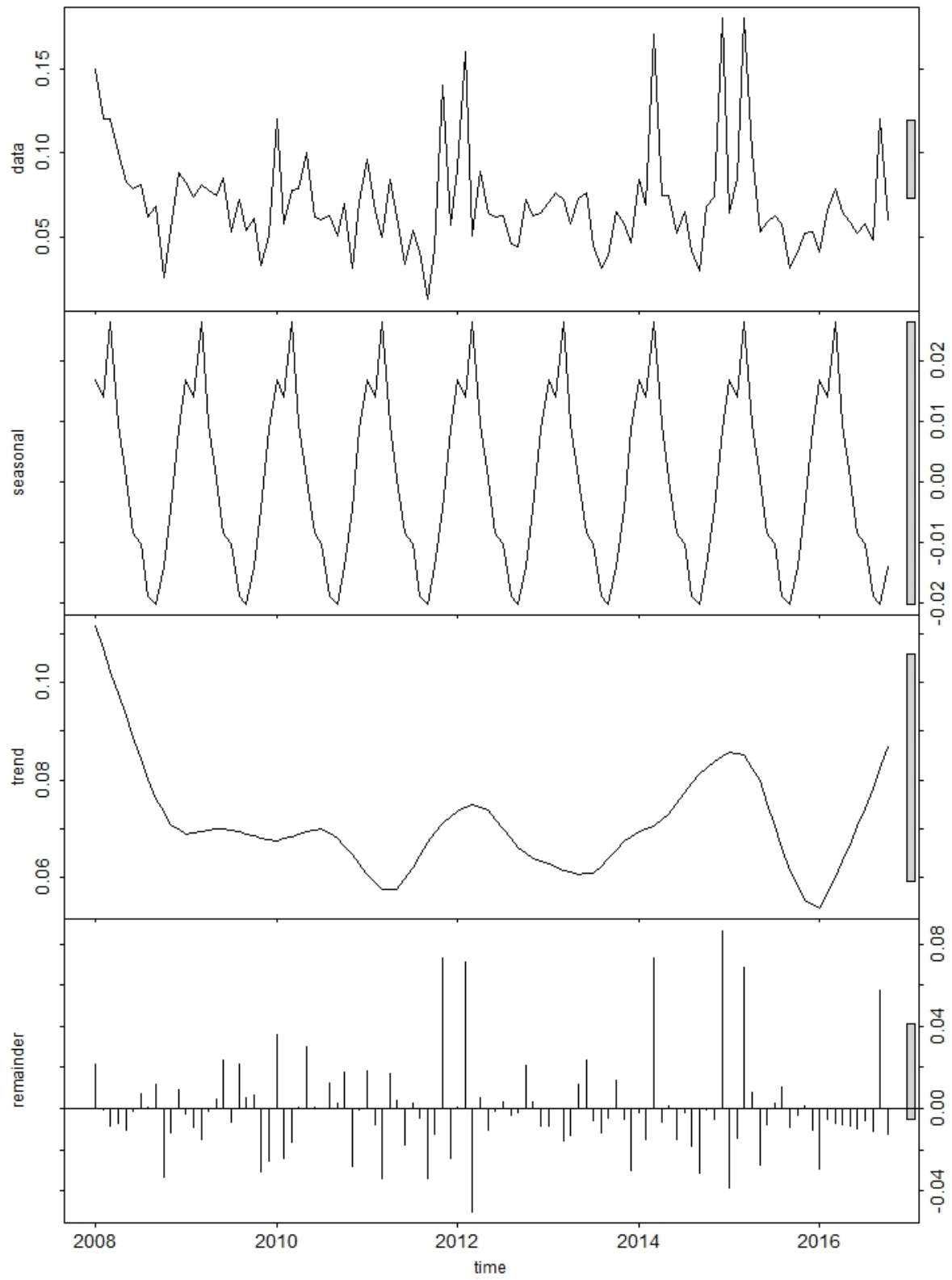


Time Series Decomposition of Interpolated Data Series

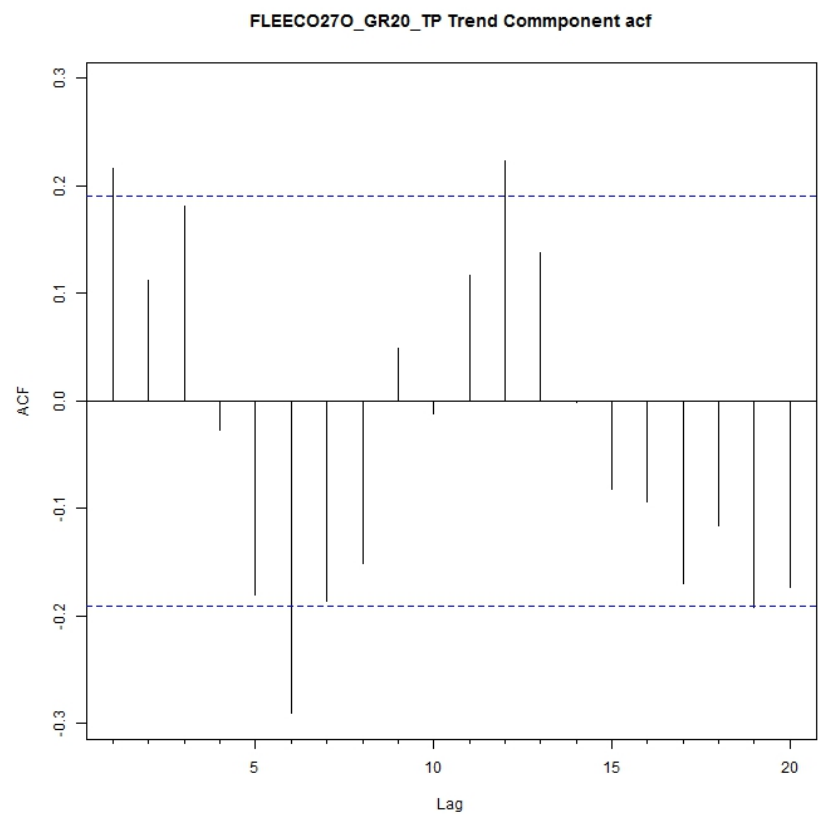
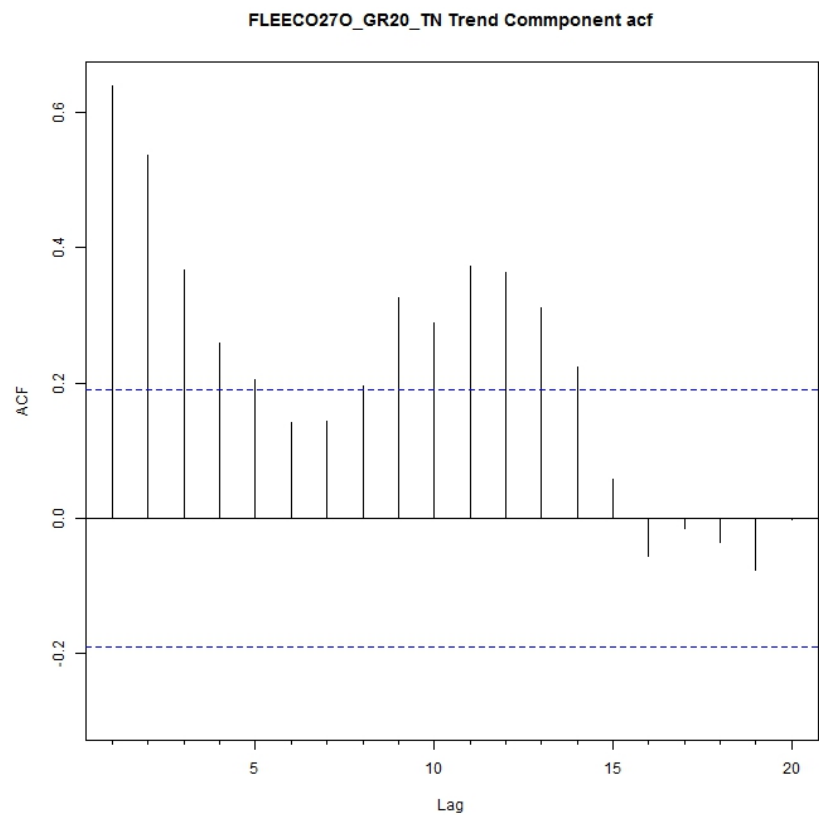
Decomposition of Continuous FLEECO270_GR20_TN Time Series



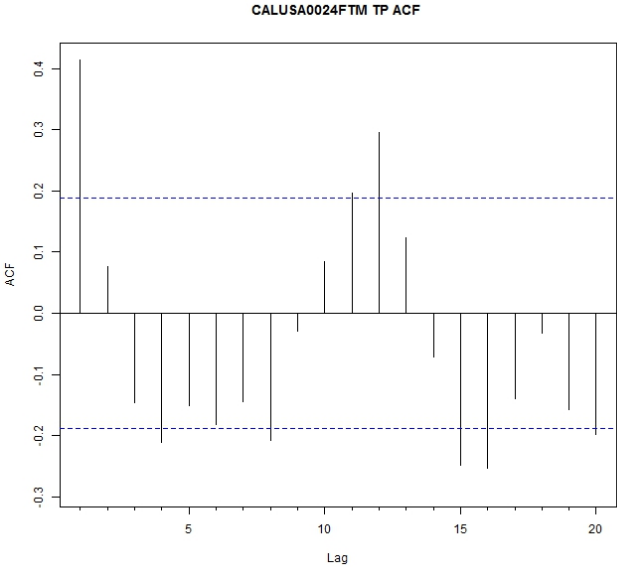
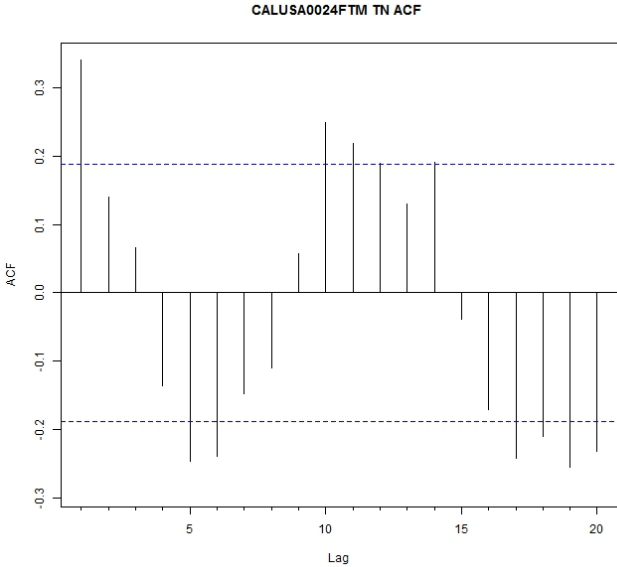
Decomposition of Continuous FLEECO27O_GR20_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

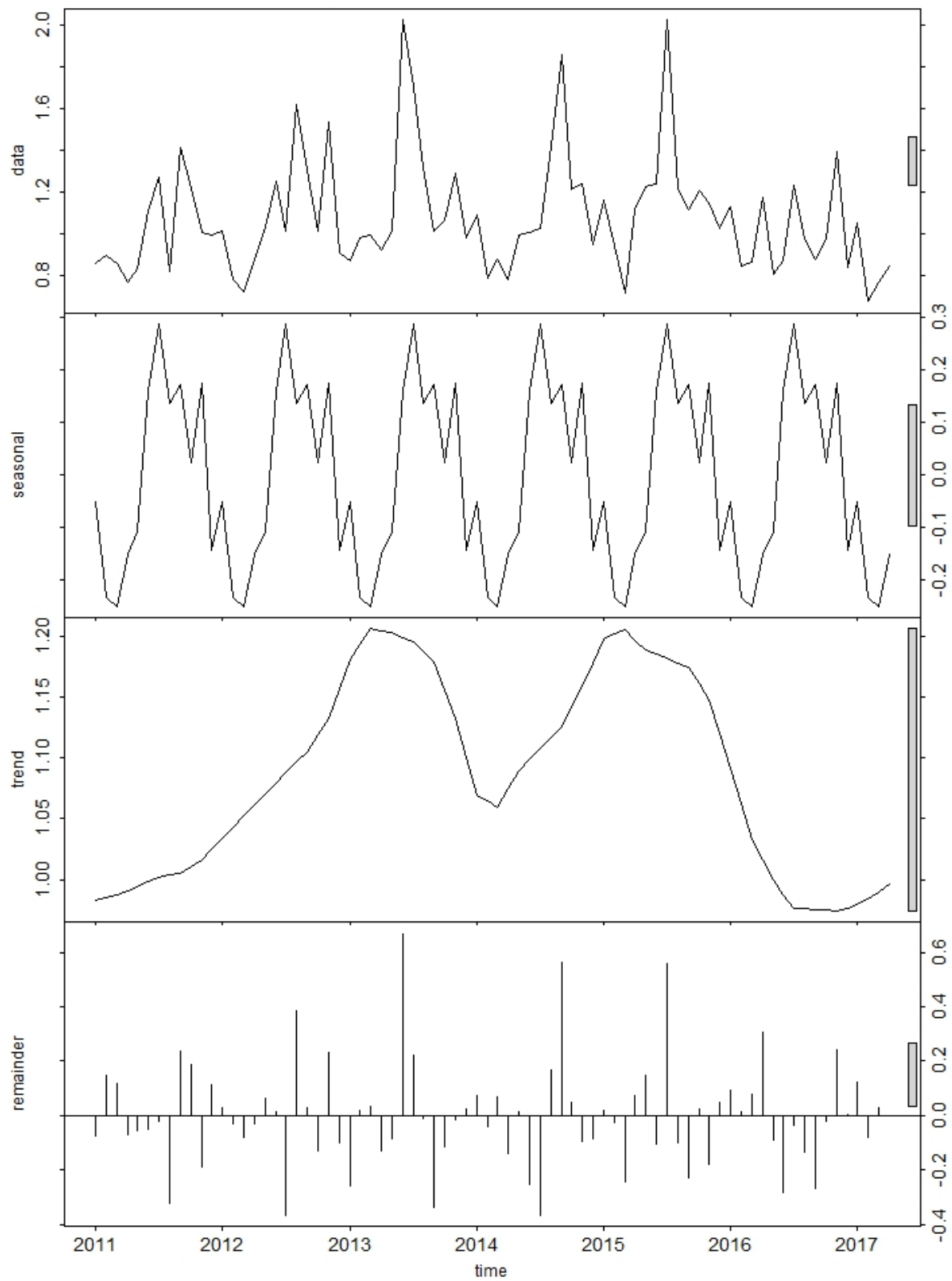


Tributary Station CALUSA0024FTM
Autocorrelation for Non-Decomposed Data Series

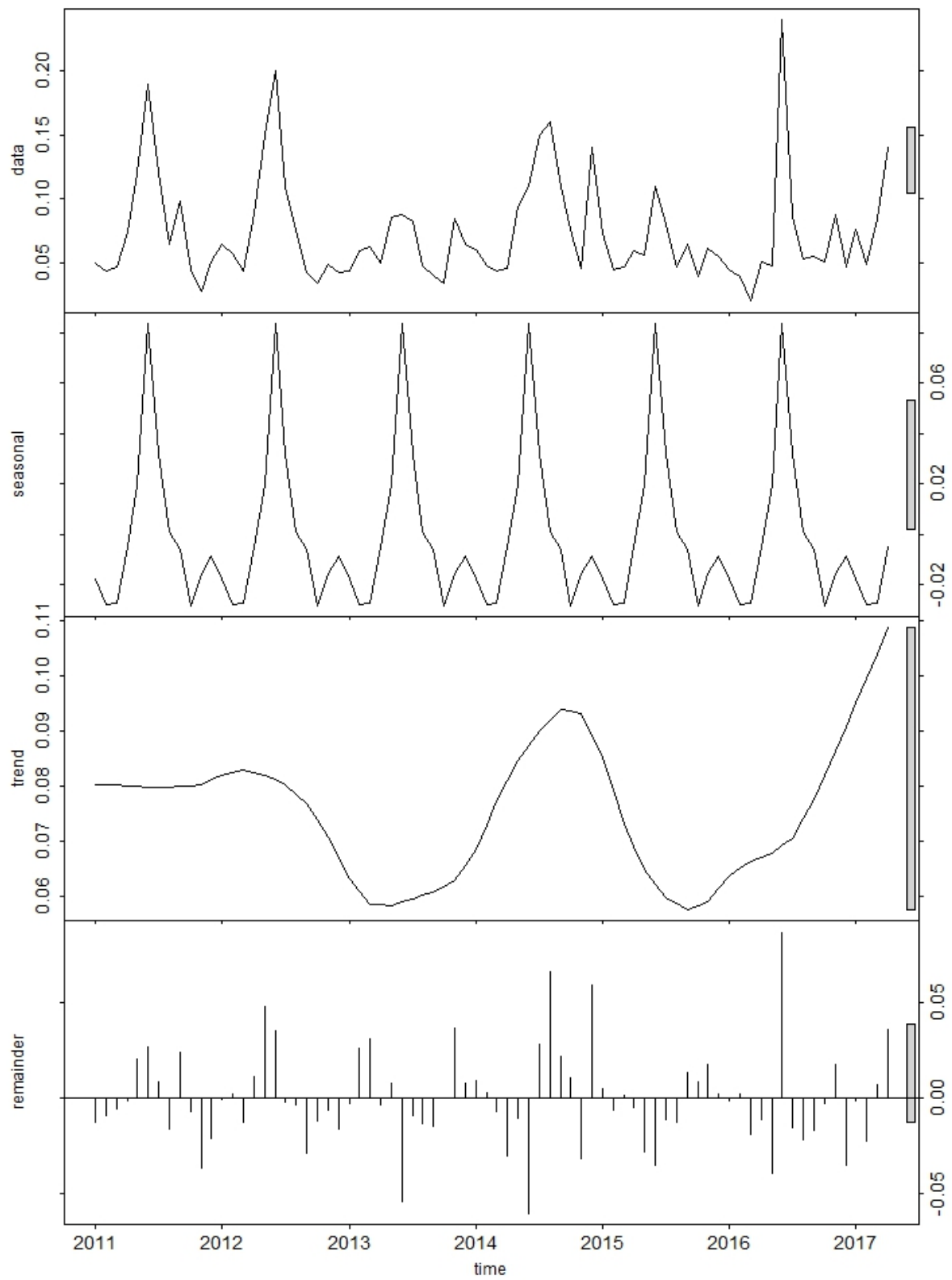


Time Series Decomposition of Interpolated Data Series

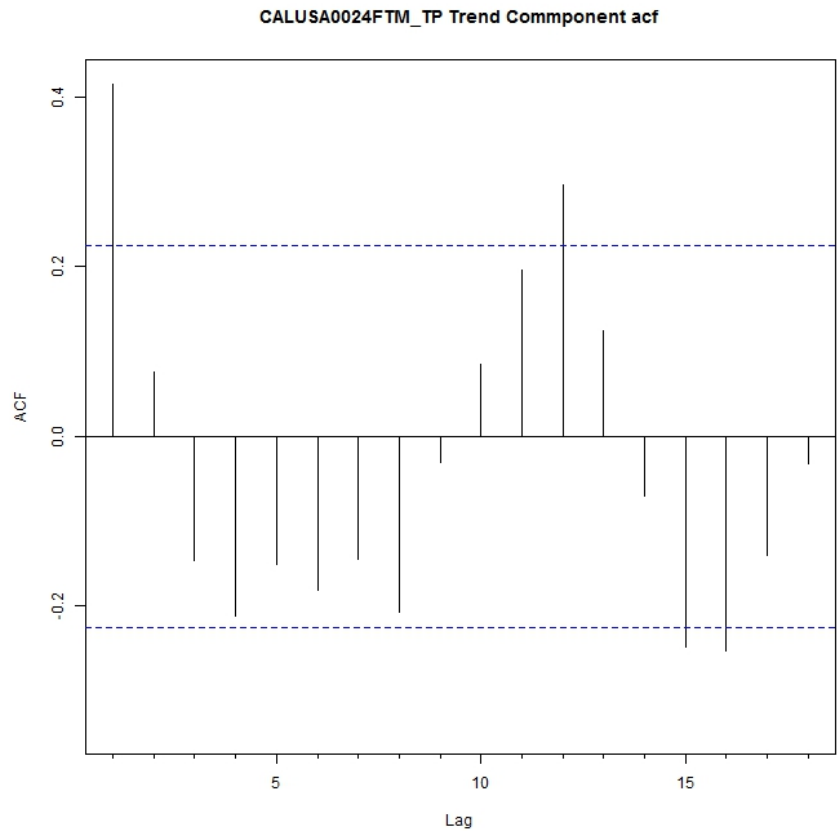
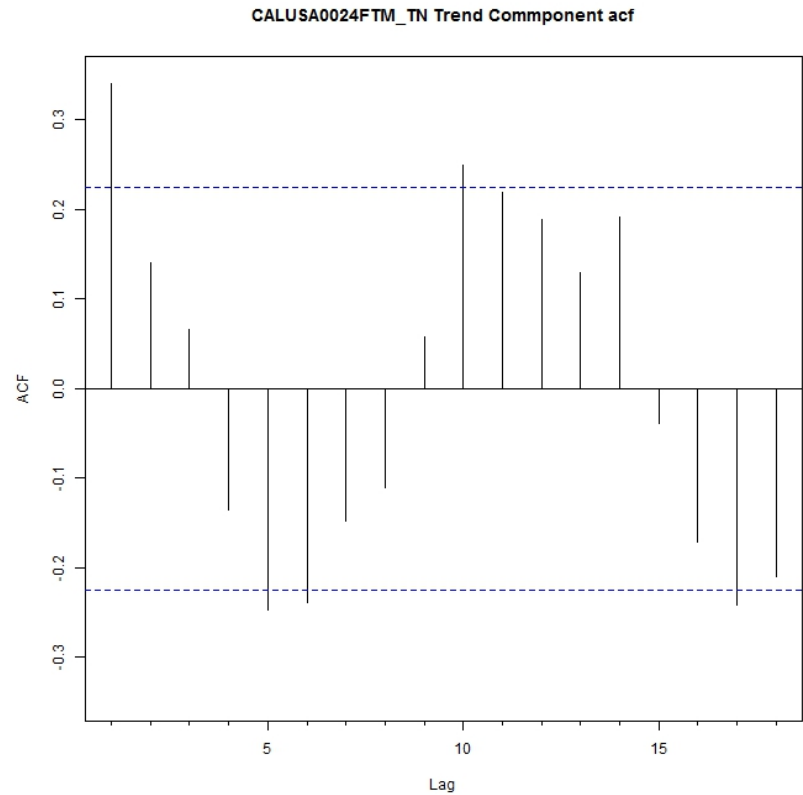
Decomposition of Continuous CALUSA0024FTM_TN Time Series



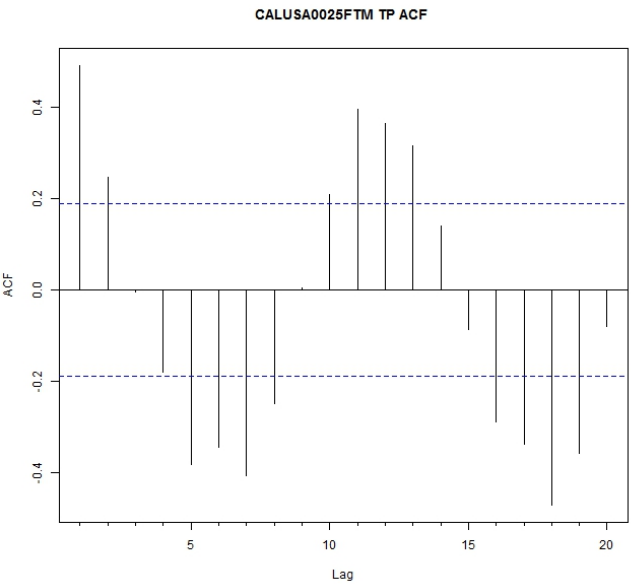
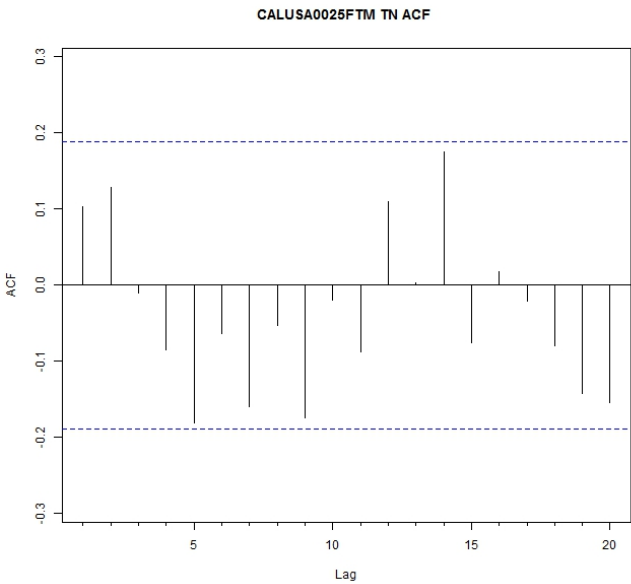
Decomposition of Continuous CALUSA0024FTM_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

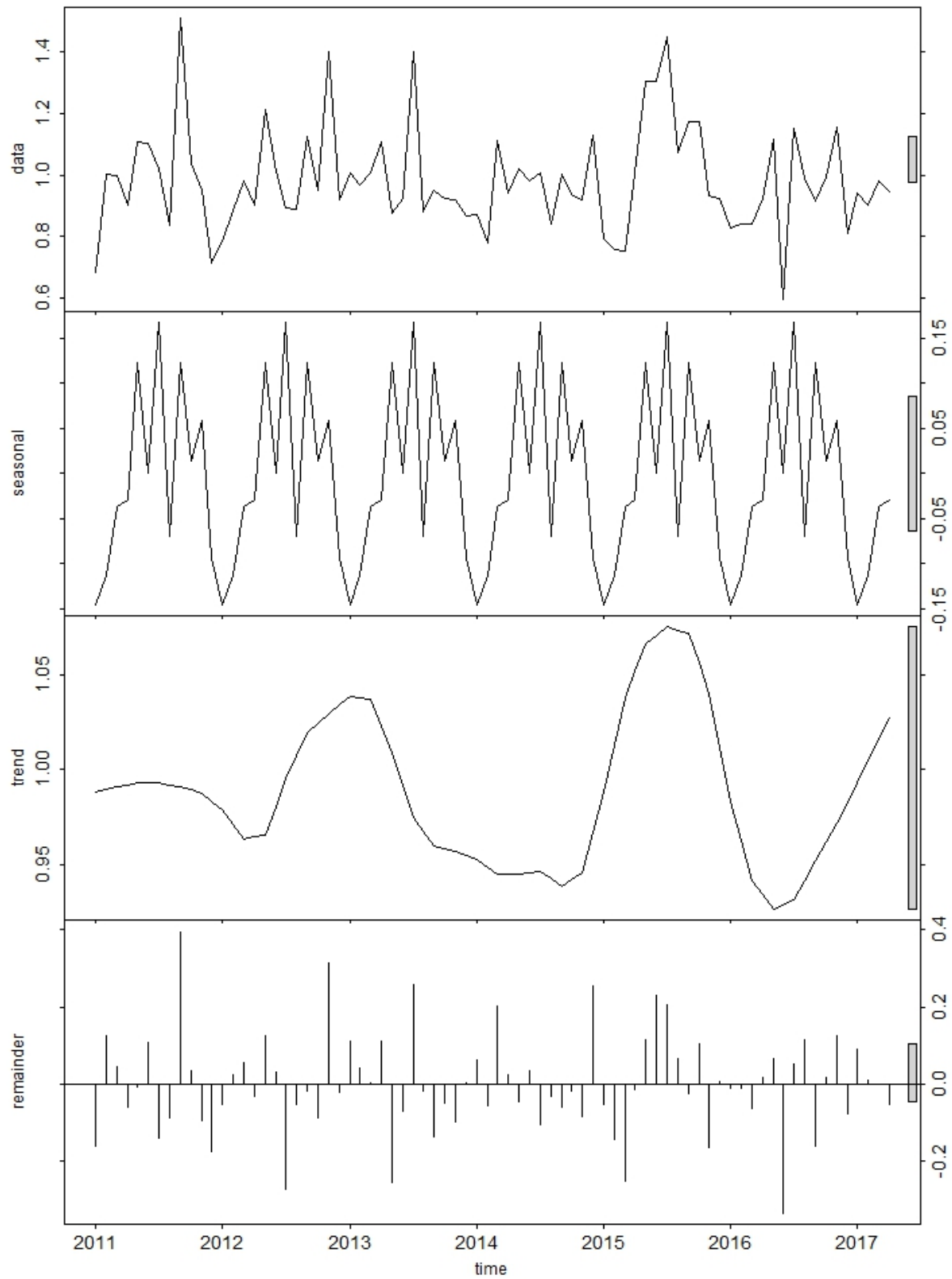


Tributary Station CALUSA0025FTM
Autocorrelation for Non-Decomposed Data Series

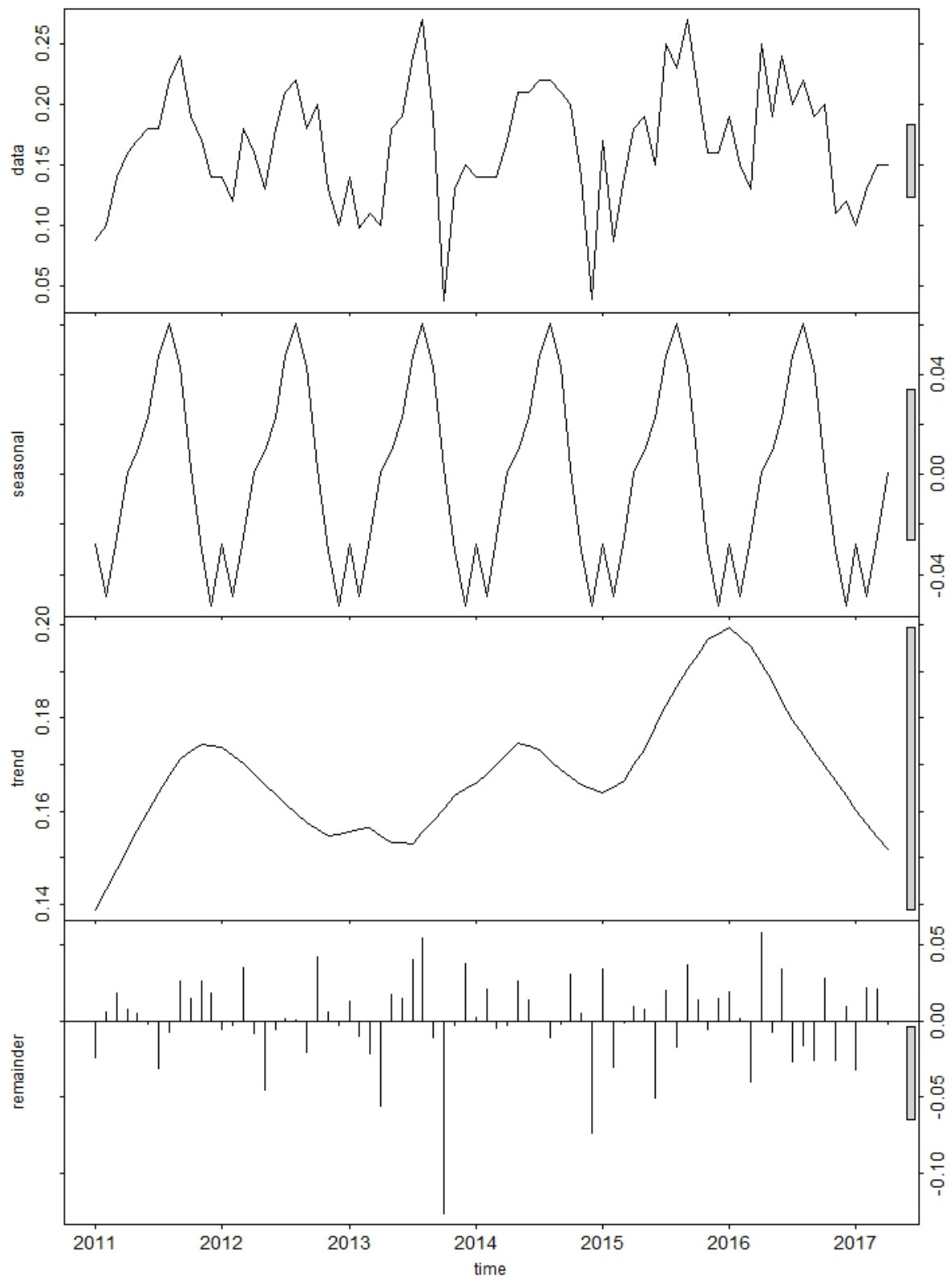


Time Series Decomposition of Interpolated Data Series

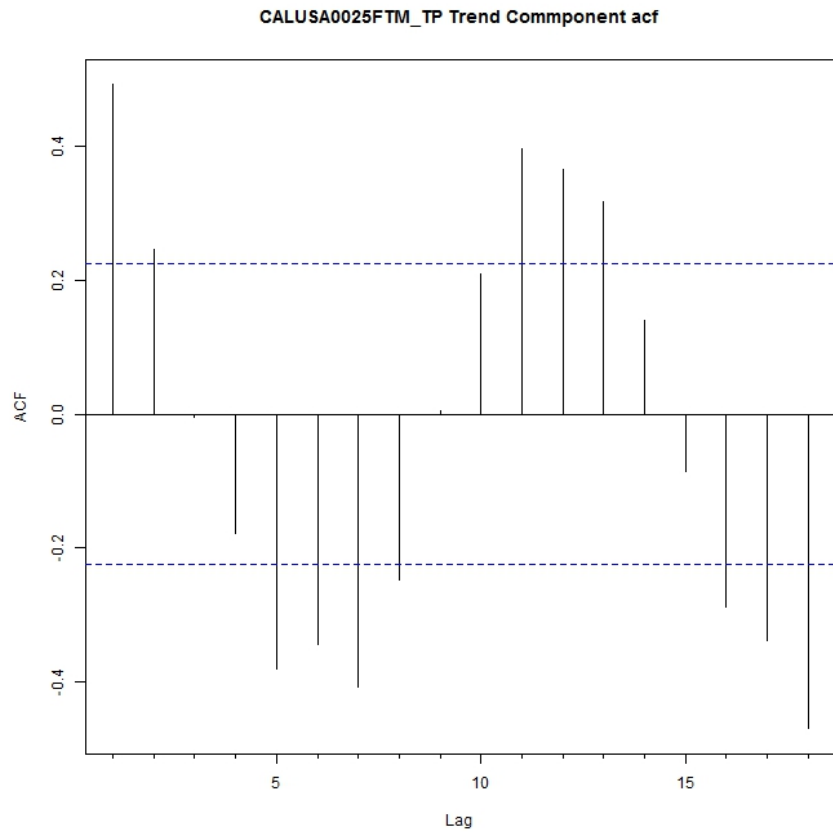
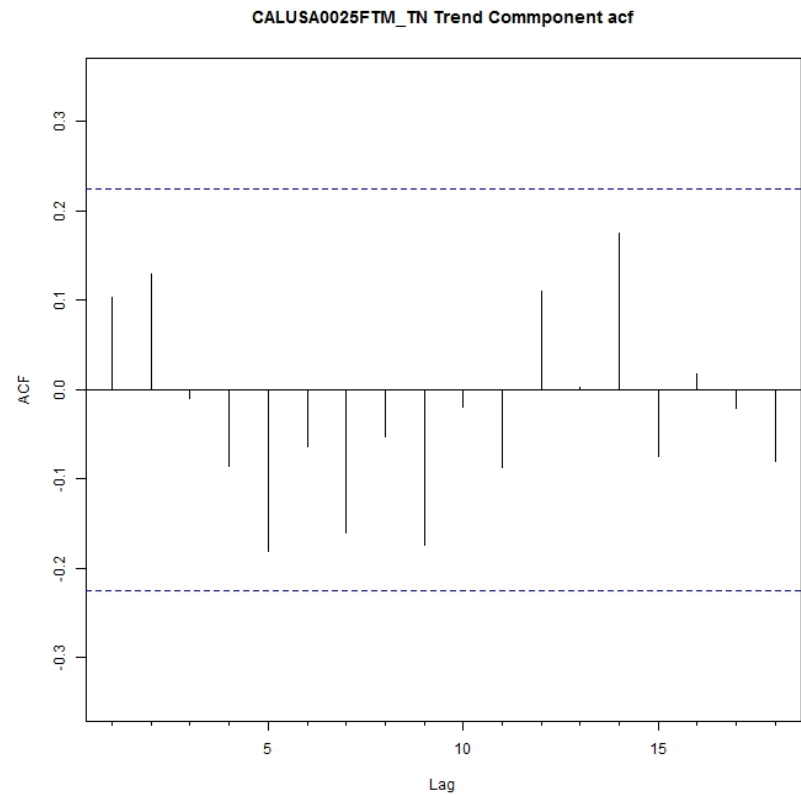
Decomposition of Continuous CALUSA0025FTM_TN Time Series



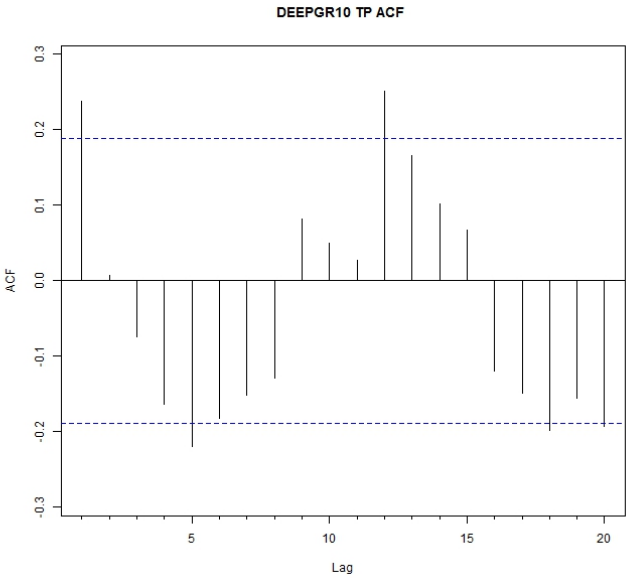
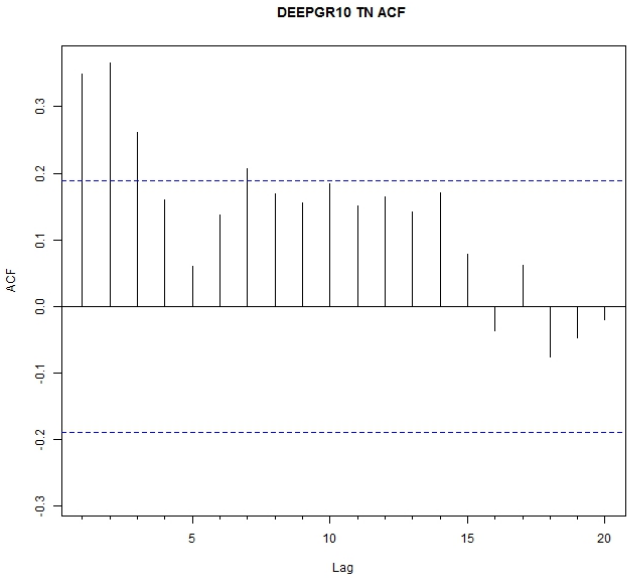
Decomposition of Continuous CALUSA0025FTM_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

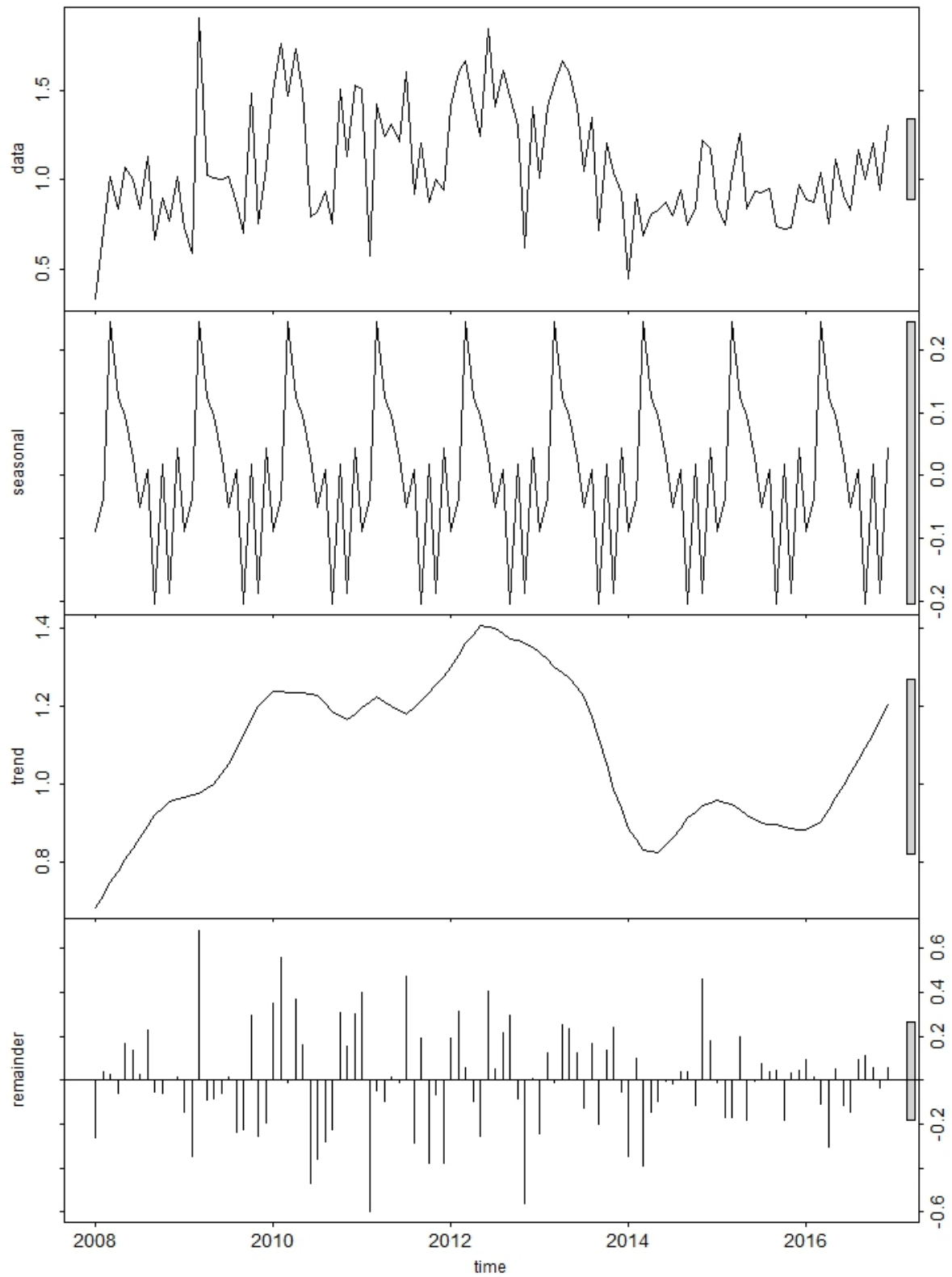


Tributary Station DEEPGR20
Autocorrelation for Non-Decomposed Data Series

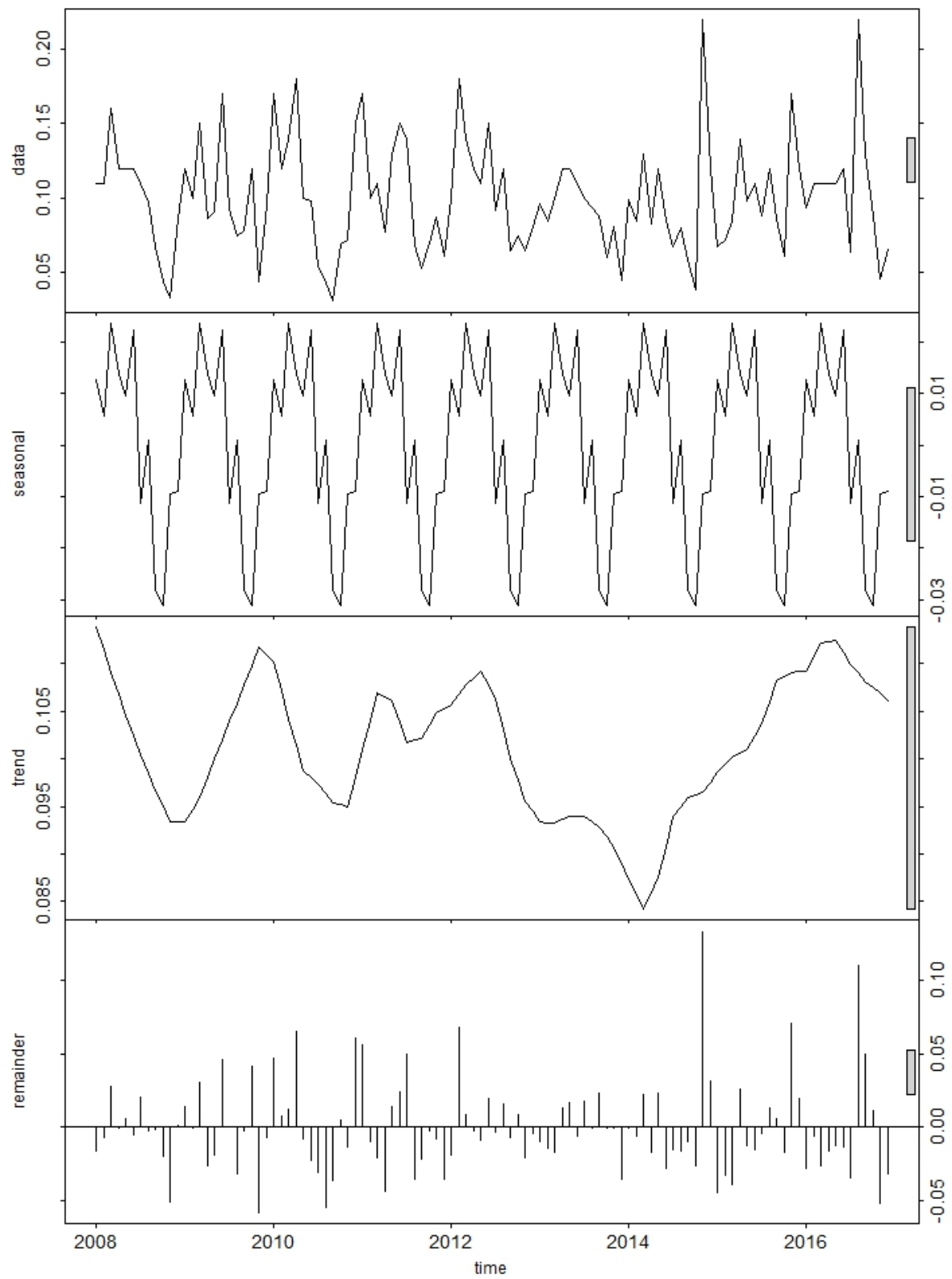


Time Series Decomposition of Interpolated Data Series

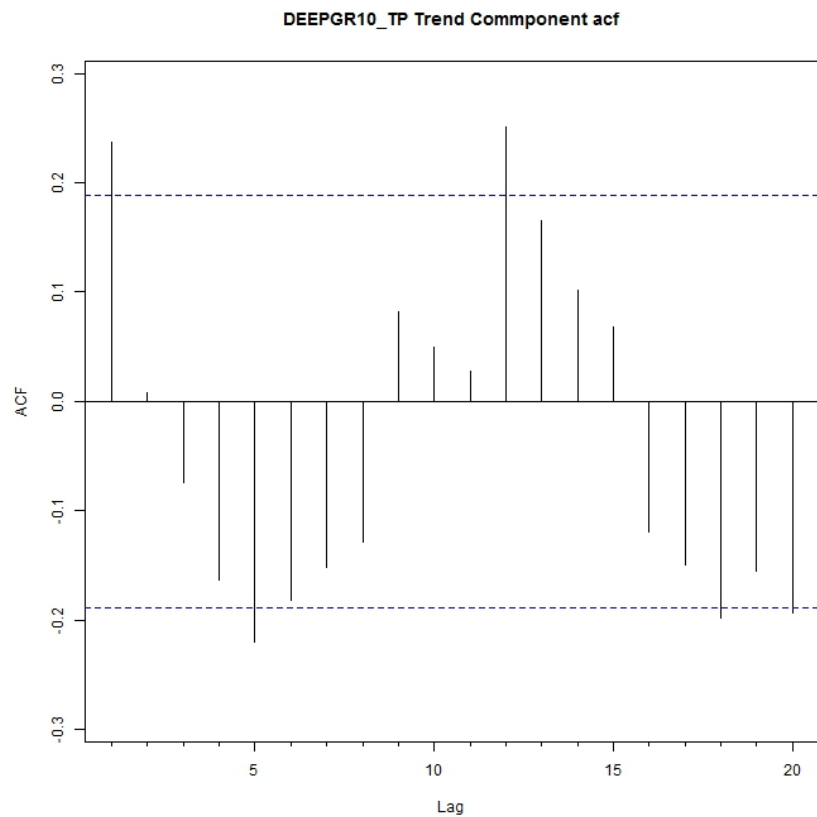
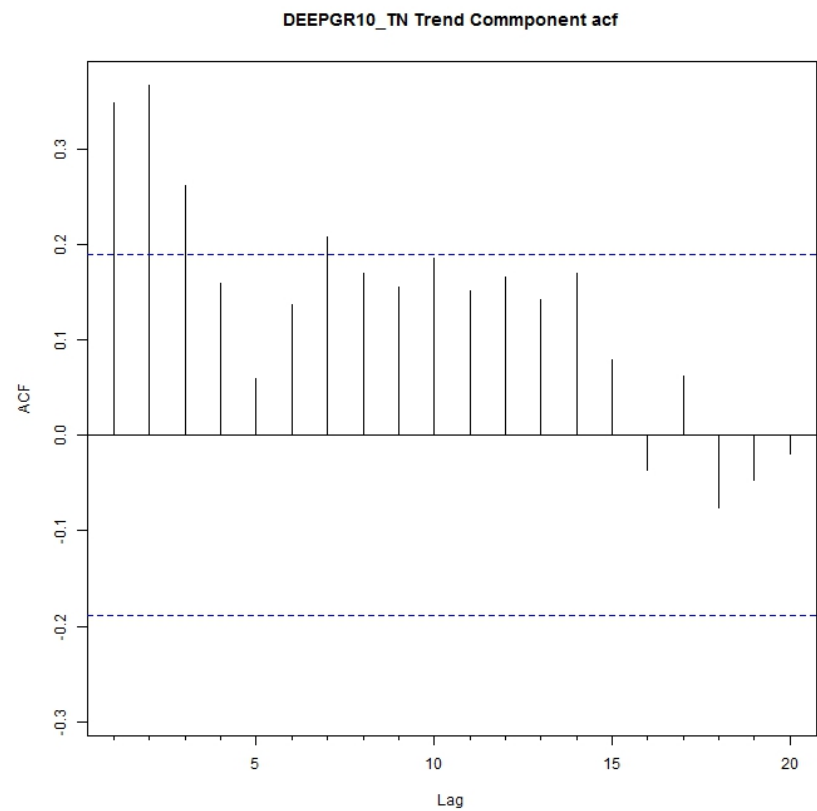
Decomposition of Continuous DEEPGR10_TN Time Series



Decomposition of Continuous DEEPGR10_TP Time Series

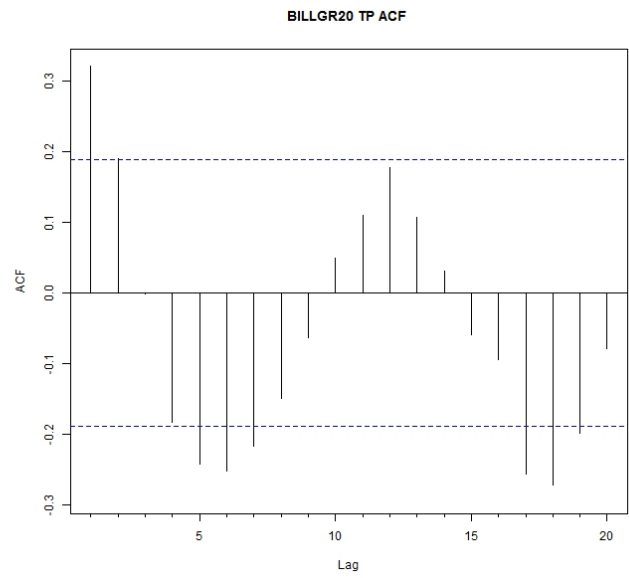
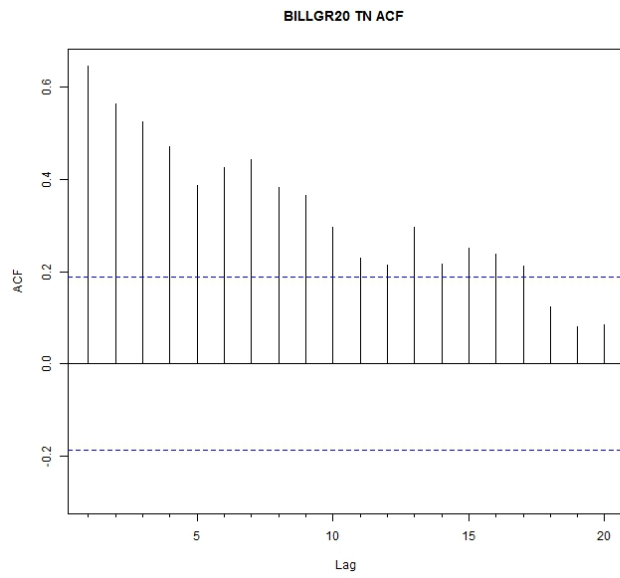


Autocorrelation of Trend Component of Decomposed Series



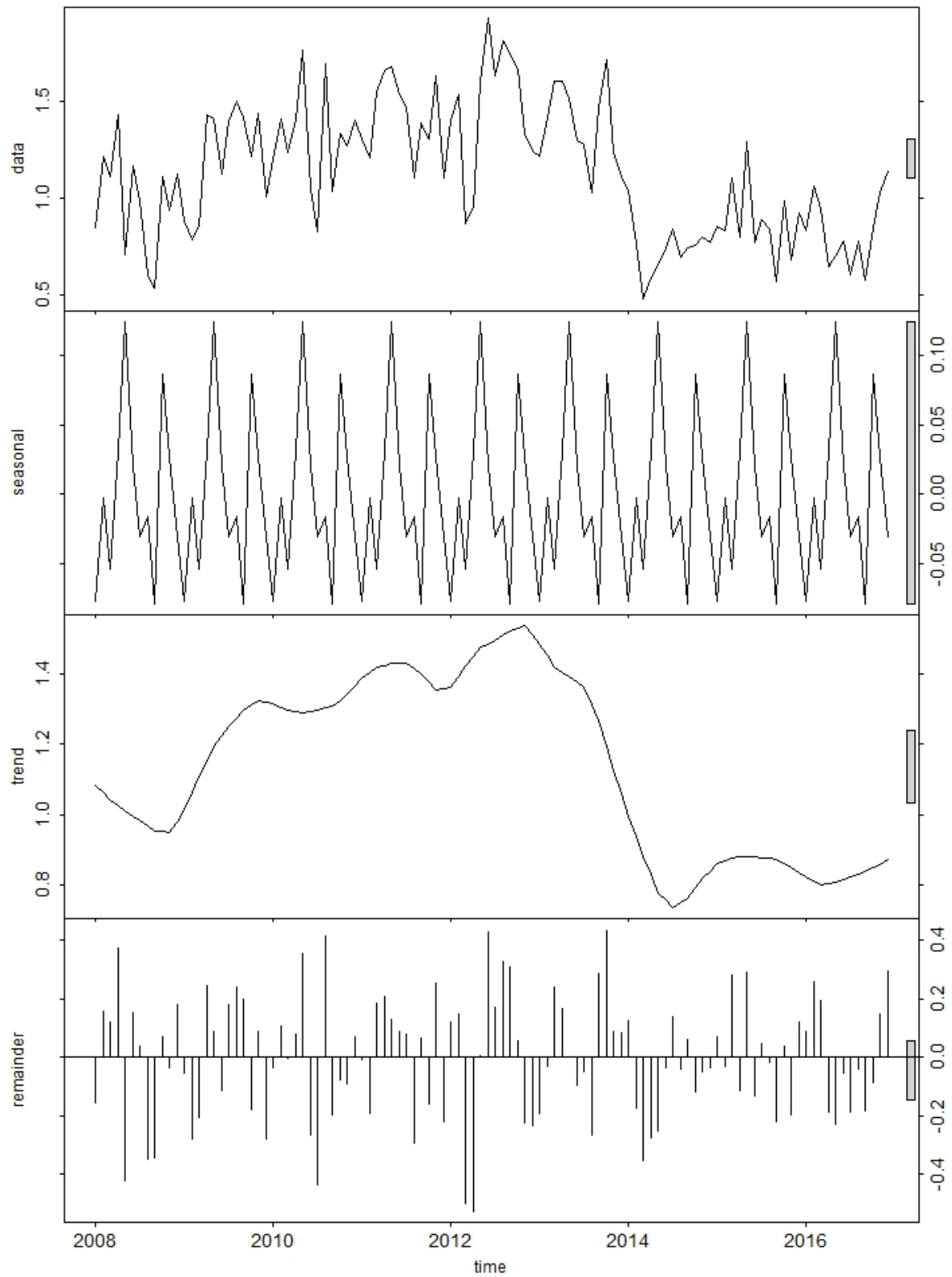
Tributary Station BILLGR20

Autocorrelation for Non-Decomposed Data Series

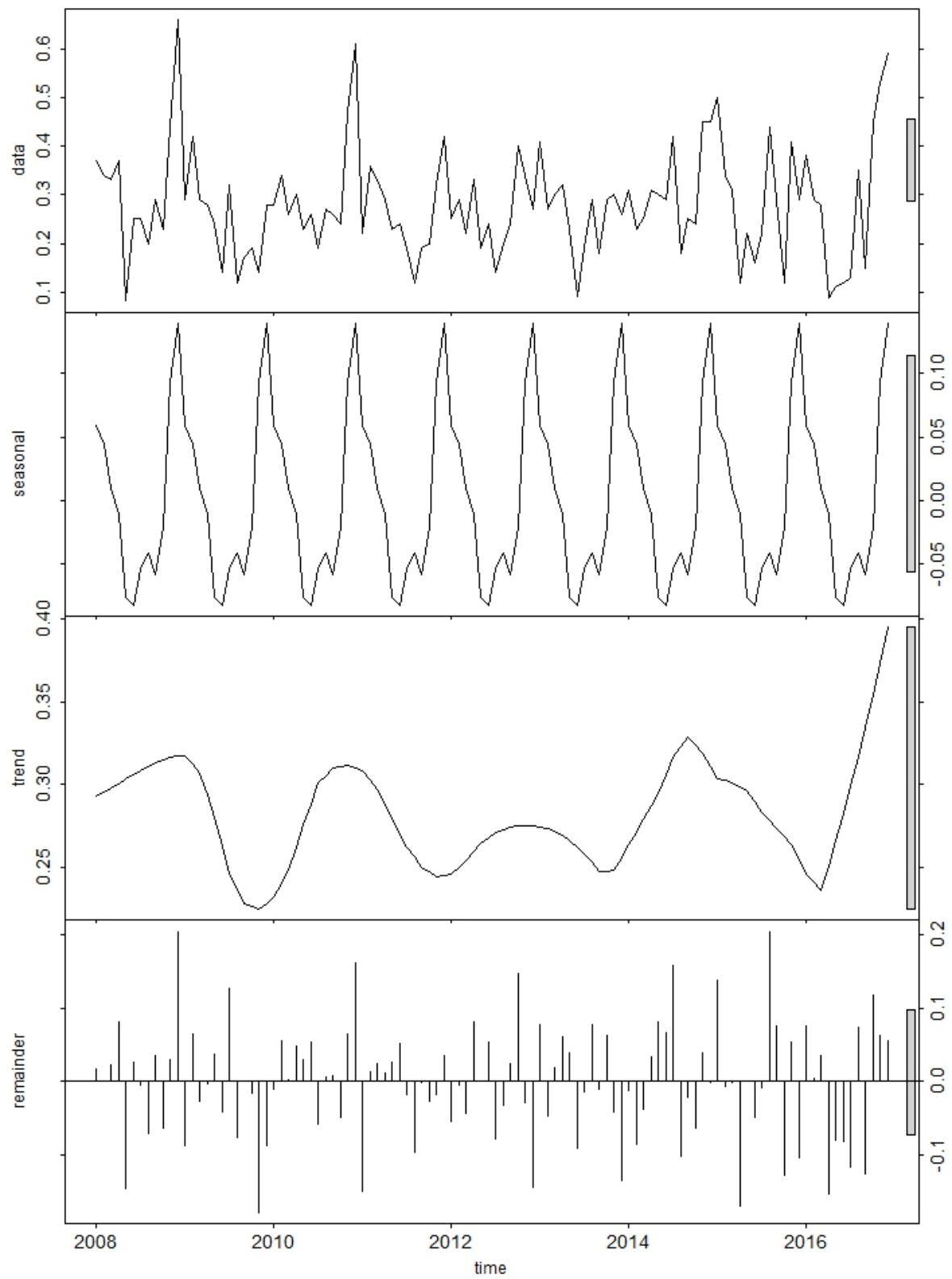


Time Series Decomposition of Interpolated Data Series

Decomposition of Continuous BILLGR20_TN Time Series



Decomposition of Continuous BILLGR20_TP Time Series



Autocorrelation of Trend Component of Decomposed Series

