List of fields in statGAM.csv and chngGAM.csv in baytrends v0.3.x.

Category	Field	Description
Station/Parm meta	station	Station identifier
Station/Parm meta	dep	Parameter identifier
Station/Parm meta	layer	Sample layer
Station/Parm meta	latitude	Station latitude
Station/Parm meta	longitude	Station Longitude
Station/Parm meta	cbSeg92	CBP segment
Station/Parm meta	state	State
Station/Parm meta	stationGrpName	Station Group
Station/Parm meta	parmName	Full parameter name
Station/Parm meta	numObservations	Number of observations evaluated
Station/Parm meta	yearRng	Year range of data
Station/Parm meta	yearBegin	Beginning year of data
Station/Parm meta	yearEnd	Ending year of data
Station/Parm meta	numYrs	Number of years of data
Censoring	yearRangeDropped	Year range of data removed because of too high a level of censoring
Censoring	fracLT	fraction observations evaluated that are "<" censored
Censoring	fracUnc	fraction observations evaluated that are uncensored
Censoring	fracInt	fraction observations evaluated that are interval censored
Censoring	fracRecen	fraction observations evaluated that are a negative number and were recensored
Censoring	recensor	value the negative values were recensored to
GAM model	depGAM	Parameter identifier for GAM
GAM model	logTrans	Was the dependent variable log transformed
GAM model	gamOption	GAM formula number (analySpec$gamModels)
GAM model	gamName	GAM formula name (analySpec$gamModels)
GAM model	gamSelect	Setting for select argument in mgcv::gam function (either TRUE or FALSE)
GAM model	gamK1	Setting use in s(cyear, k=gamK)
GAM model	gamK2	Setting use in s(cyear, k=gamK)
GAM model	hydroTermSel	Indicator for whether "flow" or "salinity" was used for models with flw_sal
GAM model	hydroTermSel.var	Indicator of which flow or salinity term was used in models with flw_sal
GAM Coeff.	cyear.coeff	GAM parameter cyear coefficient
GAM Coeff.	cyear.pv	GAM parameter cyear p-value
GAM Coeff.	interB.label	GAM parameter intervention B coefficient
GAM Coeff.	interB.chgEst	GAM parameter intervention B estimate of change
GAM Coeff.	interB.chgEst.pv	GAM parameter intervention B estimate of change p-value
GAM Coeff.	interC.label	GAM parameter intervention C coefficient
GAM Coeff.	interC.chgEst	GAM parameter intervention C estimate of change
GAM Coeff.	interC.chgEst.pv	GAM parameter intervention C estimate of change p-value
GAM Coeff.	interD.label	GAM parameter intervention D coefficient
GAM Coeff.	interD.chgEst	GAM parameter intervention D estimate of change
GAM Coeff.	interD.chgEst.pv	GAM parameter intervention D estimate of change p-value
GAM Coeff.	interE.label	GAM parameter intervention E coefficient
GAM Coeff.	interE.chgEst	GAM parameter intervention E estimate of change
GAM Coeff.	interE.chgEst.pv	GAM parameter intervention E estimate of change p-value
GAM ANOVA	p.cyear.pv	GAM parametric cyear p-value
GAM ANOVA	p.inter.pv	GAM parametric intervention p-value
GAM ANOVA	s.cyear.pv	GAM smoothed cyear p-value
GAM ANOVA	s.doy.pv	GAM smoothed doy p-value
GAM ANOVA	ti.cyear.doy.pv	GAM smoothed trend interaction [ti(cyear,doy)] p-value
GAM ANOVA	s.flw_sal.pv	GAM smoothed flw_sal p-value
GAM ANOVA	ti.flw_sal.doy	GAM smoothed trend interaction [ti(flw_sal,doy)] p-value
GAM ANOVA	ti.flw_sal.cyear	GAM smoothed trend interaction [ti(flw_sal,cyear)] p-value
GAM ANOVA	ti.flw_sal.doy.cyear	GAM smoothed trend interaction [ti(flw_sal,doy,cyear)] p-value

Category	Field	Description
GAM ANOVA	ti.interA.pv	GAM smoothed trend interaction, intervention A p-value
GAM ANOVA	ti.interB.pv	GAM smoothed trend interaction, intervention B p-value
GAM ANOVA	ti.interC.pv	GAM smoothed trend interaction, intervention C p-value
GAM ANOVA	ti.interD.pv	GAM smoothed trend interaction, intervention D p-value
GAM ANOVA	ti.interE.pv	GAM smoothed trend interaction, intervention E p-value
GAM ANOVA	edfMin	Minimum edf value from ANOVA table
GAM ANOVA	edfMinSource	Source of minimum edf value from ANOVA table
GAM ANOVA	FstatFlag	Indication of unreliable F-stat statistic in ANOVA table
POR change	sa.sig.inc	Periods of significant increases
POR change	sa.sig.dec	Periods of significant decreases
POR change	por.diffType	POR comparison using regular or adjusted mean
POR change	por.bl.mn	POR baseline mean (expressed as log value if logTrans=TRUE)
POR change	por.cr.mn	POR current mean (expressed as log value if logTrans=TRUE)
POR change	por.bl.mn.obs	POR baseline mean (observed units, geo. mean if logTrans=TRUE)
POR change	por.cr.mn.obs	POR current mean (observed units, geo. mean if logTrans=TRUE)
POR change	por.abs.chg	POR absolute change (diff. of log values if logTrans=TRUE
POR change	por.abs.chg.obs	POR absolute change (observed units)
POR change	por.pct.chg	POR percent change estimate (%)
POR change	por.chg.pv	POR change p-value
GAM fit diagnostics	aic	Akaike information criterion
GAM fit diagnostics	rmse	Root mean squared error
GAM fit diagnostics	adjR2	Adjusted R squared
Analysis Spec.	periodName*	User-supplied period name (see analySpec$gamDiffPeriods)
Analysis Spec.	seasonName*	User-supplied season name (see analySpec$gamDiffSeasons)
Analysis Spec.	periodStart*	Start years used to compute difference (see analySpec$gamDiffPeriods)
Analysis Spec.	periodEnd*	End years used to compute difference (see analySpec$gamDiffPeriods)
Analysis Spec.	seasonMonths*	Months used to compute difference (see analySpec$gamDiffSeasons)
Customized Change	gamDiff.diffType*	Comparison using regular or adjusted mean
Customized Change	gamDiff.bl.mn*	Baseline mean (expressed as log value if logTrans=TRUE)
Customized Change	gamDiff.cr.mn*	Current mean (expressed as log value if logTrans=TRUE)
Customized Change	gamDiff.bl.mn.obs*	Baseline mean (observed units, geo. mean if logTrans=TRUE)
Customized Change	gamDiff.cr.mn.obs*	Current mean (observed units, geo. mean if logTrans=TRUE)
Customized Change	gamDiff.abs.chg*	Absolute change (diff. of log values if logTrans=TRUE)
Customized Change	gamDiff.abs.chg.obs*	Absolute change (observed units)
Customized Change	gamDiff.pct.chg*	Percent change estimate (%)
Customized Change	gamDiff.chg.pval*	P value associated with absolute change

*available in chngGAM.csv output