

PS1 StackModelObjectView table fields

The starting point for the PS1 data archive is at [Pan-STARRS1 data archive home page](#).

This page describes a "View", which is a database table created by joining other tables.

Description: -- View based on a combination of the tables ObjectThin, StackModelFitExp, StackModelFitDeVm, StackModelFitSer, and StackPetrosian. -- Note: User beware that this view contains a lot of columns and selecting all of them is not recommended.					
Name	Unit	Data Type	Size	Default Value	Description
objName	dimension less	VARCHAR(32)	32	NA	IAU name for this object.
uniquePspOBid	dimension less	BIGINT	8	NA	Unique internal PSPS object identifier.
objID	dimension less	BIGINT	8	NA	Unique object identifier.
ippObjID	dimension less	BIGINT	8	NA	IPP internal object identifier.
surveyID	dimension less	TINYINT	1	NA	Survey identifier. Details in the Survey table.
htmlID	dimension less	BIGINT	8	NA	Hierarchical triangular mesh (Szalay 2007) index.
zoneID	dimension less	INT	4	NA	Local zone index, found by dividing the sky into bands of declination 1/2 arcminute in height: zoneID = floor((90 + declination)/0.0083333).
tessID	dimension less	TINYINT	1	0	Tessellation identifier. Details in the TessellationType table.
projectionID	dimension less	SMALLINT	2	-1	Projection cell identifier.
skyCellID	dimension less	TINYINT	1	255	Skycell region identifier.
randomID	dimension less	FLOAT	8	NA	Random value drawn from the interval between zero and one.
dvoRegionID	dimension less	INT	4	-1	Internal DVO region identifier.
processingVersion	dimension less	TINYINT	1	NA	Data release version.
objInfoFlag	dimension less	INT	4	0	Information flag bitmask indicating details of the photometry. Values listed in ObjectInfoFlags.
qualityFlag	dimension less	TINYINT	1	0	Subset of objInfoFlag denoting whether this object is real or a likely false positive. Values listed in ObjectQualityFlags.
raStack	degrees	FLOAT	8	-999	Right ascension from stack detections, weighted mean value across filters, in equinox J2000. See StackObjectThin for stack epoch information.
decStack	degrees	FLOAT	8	-999	Declination from stack detections, weighted mean value across filters, in equinox J2000. See StackObjectThin for stack epoch information.
raStackErr	arcsec	REAL	4	-999	Right ascension standard deviation from stack detections.
decStackErr	arcsec	REAL	4	-999	Declination standard deviation from stack detections.
raMean	degrees	FLOAT	8	-999	Right ascension from single epoch detections (weighted mean) in equinox J2000 at the mean epoch given by epochMean.
decMean	degrees	FLOAT	8	-999	Declination from single epoch detections (weighted mean) in equinox J2000 at the mean epoch given by epochMean.
raMeanErr	arcsec	REAL	4	-999	Right ascension standard deviation from single epoch detections.
decMeanErr	arcsec	REAL	4	-999	Declination standard deviation from single epoch detections.
posMeanChisq	dimension less	REAL	4	-999	Reduced chi squared value of mean position.
cx	dimension less	FLOAT	8	NA	Cartesian x on a unit sphere.
cy	dimension less	FLOAT	8	NA	Cartesian y on a unit sphere.

cz	dimension less	FLOAT	8	NA	Cartesian z on a unit sphere.
lambda	degrees	FLOAT	8	-999	Ecliptic longitude.
beta	degrees	FLOAT	8	-999	Ecliptic latitude.
l	degrees	FLOAT	8	-999	Galactic longitude.
b	degrees	FLOAT	8	-999	Galactic latitude.
nStackObject Rows	dimension less	SMALLINT	2	-999	Number of independent StackObjectThin rows associated with this object.
nStackDetections	dimension less	SMALLINT	2	-999	Number of stack detections.
nDetections	dimension less	SMALLINT	2	-999	Number of single epoch detections in all filters.
ng	dimension less	SMALLINT	2	-999	Number of single epoch detections in g filter.
nr	dimension less	SMALLINT	2	-999	Number of single epoch detections in r filter.
ni	dimension less	SMALLINT	2	-999	Number of single epoch detections in i filter.
nz	dimension less	SMALLINT	2	-999	Number of single epoch detections in z filter.
ny	dimension less	SMALLINT	2	-999	Number of single epoch detections in y filter.
randomStack ObjID	dimension less	FLOAT	8	NA	Random value drawn from the interval between zero and one.
primaryDetection	dimension less	TINYINT	1	255	Identifies if this row is the primary stack detection.
bestDetection	dimension less	TINYINT	1	255	Identifies if this row is the best detection.
gippDetectID	dimension less	BIGINT	8	NA	IPP internal detection identifier.
gstackDetectID	dimension less	BIGINT	8	NA	Unique stack detection identifier.
gstackImageID	dimension less	BIGINT	8	NA	Unique stack identifier for g filter detection.
gExpRadius	arcsec	REAL	4	-999	Exponential fit radius for g filter stack detection.
gExpRadiusErr	arcsec	REAL	4	-999	Error in exponential fit radius for g filter stack detection.
gExpMag	AB magnitudes	REAL	4	-999	Exponential fit magnitude for g filter stack detection.
gExpMagErr	AB magnitudes	REAL	4	-999	Error in exponential fit magnitude for g filter stack detection.
gExpAb	dimension less	REAL	4	-999	Exponential fit axis ratio for g filter stack detection.
gExpAbErr	dimension less	REAL	4	-999	Error in exponential fit axis ratio for g filter stack detection.
gExpPhi	degrees	REAL	4	-999	Major axis position angle, phi, of exponential fit for g filter stack detection.
gExpPhiErr	degrees	REAL	4	-999	Error in major axis position angle of exponential fit for g filter stack detection.
gExpRa	degrees	FLOAT	8	-999	Right ascension of exponential fit center for g filter stack detection.
gExpDec	degrees	FLOAT	8	-999	Declination of exponential fit center for g filter stack detection.
gExpRaErr	arcsec	REAL	4	-999	Error in right ascension of exponential fit center for g filter stack detection.
gExpDecErr	arcsec	REAL	4	-999	Error in declination of exponential fit center for g filter stack detection.
gExpChisq	dimension less	REAL	4	-999	Exponential fit reduced chi squared for g filter stack detection.
rippDetectID	dimension less	BIGINT	8	NA	IPP internal detection identifier.
rstackDetectID	dimension less	BIGINT	8	NA	Unique stack detection identifier.

rstackImageID	dimension less	BIGINT	8	NA	Unique stack identifier for r filter detection.
rExpRadius	arcsec	REAL	4	-999	Exponential fit radius for r filter stack detection.
rExpRadiusErr	arcsec	REAL	4	-999	Error in exponential fit radius for r filter stack detection.
rExpMag	AB magnitudes	REAL	4	-999	Exponential fit magnitude for r filter stack detection.
rExpMagErr	AB magnitudes	REAL	4	-999	Error in exponential fit magnitude for r filter stack detection.
rExpAb	dimension less	REAL	4	-999	Exponential fit axis ratio for r filter stack detection.
rExpAbErr	dimension less	REAL	4	-999	Error in exponential fit axis ratio for r filter stack detection.
rExpPhi	degrees	REAL	4	-999	Major axis position angle, phi, of exponential fit for r filter stack detection.
rExpPhiErr	degrees	REAL	4	-999	Error in major axis position angle of exponential fit for r filter stack detection.
rExpRa	degrees	FLOAT	8	-999	Right ascension of exponential fit center for r filter stack detection.
rExpDec	degrees	FLOAT	8	-999	Declination of exponential fit center for r filter stack detection.
rExpRaErr	arcsec	REAL	4	-999	Error in right ascension of exponential fit center for r filter stack detection.
rExpDecErr	arcsec	REAL	4	-999	Error in declination of exponential fit center for r filter stack detection.
rExpChisq	dimension less	REAL	4	-999	Exponential fit reduced chi squared for r filter stack detection.
iippDetectID	dimension less	BIGINT	8	NA	IPP internal detection identifier.
istackDetectID	dimension less	BIGINT	8	NA	Unique stack detection identifier.
istackImageID	dimension less	BIGINT	8	NA	Unique stack identifier for i filter detection.
iExpRadius	arcsec	REAL	4	-999	Exponential fit radius for i filter stack detection.
iExpRadiusErr	arcsec	REAL	4	-999	Error in exponential fit radius for i filter stack detection.
iExpMag	AB magnitudes	REAL	4	-999	Exponential fit magnitude for i filter stack detection.
iExpMagErr	AB magnitudes	REAL	4	-999	Error in exponential fit magnitude for i filter stack detection.
iExpAb	dimension less	REAL	4	-999	Exponential fit axis ratio for i filter stack detection.
iExpAbErr	dimension less	REAL	4	-999	Error in exponential fit axis ratio for i filter stack detection.
iExpPhi	degrees	REAL	4	-999	Major axis position angle, phi, of exponential fit for i filter stack detection.
iExpPhiErr	degrees	REAL	4	-999	Error in major axis position angle of exponential fit for i filter stack detection.
iExpRa	degrees	FLOAT	8	-999	Right ascension of exponential fit center for i filter stack detection.
iExpDec	degrees	FLOAT	8	-999	Declination of exponential fit center for i filter stack detection.
iExpRaErr	arcsec	REAL	4	-999	Error in right ascension of exponential fit center for i filter stack detection.
iExpDecErr	arcsec	REAL	4	-999	Error in declination of exponential fit center for i filter stack detection.
iExpChisq	dimension less	REAL	4	-999	Exponential fit reduced chi squared for i filter stack detection.
zippDetectID	dimension less	BIGINT	8	NA	IPP internal detection identifier.
zstackDetectID	dimension less	BIGINT	8	NA	Unique stack detection identifier.
zstackImageID	dimension less	BIGINT	8	NA	Unique stack identifier for z filter detection.
zExpRadius	arcsec	REAL	4	-999	Exponential fit radius for z filter stack detection.
zExpRadiusErr	arcsec	REAL	4	-999	Error in exponential fit radius for z filter stack detection.

zExpMag	AB magnitudes	REAL	4	-999	Exponential fit magnitude for z filter stack detection.
zExpMagErr	AB magnitudes	REAL	4	-999	Error in exponential fit magnitude for z filter stack detection.
zExpAb	dimension less	REAL	4	-999	Exponential fit axis ratio for z filter stack detection.
zExpAbErr	dimension less	REAL	4	-999	Error in exponential fit axis ratio for z filter stack detection.
zExpPhi	degrees	REAL	4	-999	Major axis position angle, phi, of exponential fit for z filter stack detection.
zExpPhiErr	degrees	REAL	4	-999	Error in major axis position angle of exponential fit for z filter stack detection.
zExpRa	degrees	FLOAT	8	-999	Right ascension of exponential fit center for z filter stack detection.
zExpDec	degrees	FLOAT	8	-999	Declination of exponential fit center for z filter stack detection.
zExpRaErr	arcsec	REAL	4	-999	Error in right ascension of exponential fit center for z filter stack detection.
zExpDecErr	arcsec	REAL	4	-999	Error in declination of exponential fit center for z filter stack detection.
zExpChisq	dimension less	REAL	4	-999	Exponential fit reduced chi squared for z filter stack detection.
yippDetectID	dimension less	BIGINT	8	NA	IPP internal detection identifier.
ystackDetectID	dimension less	BIGINT	8	NA	Unique stack detection identifier.
ystackImageID	dimension less	BIGINT	8	NA	Unique stack identifier for y filter detection.
yExpRadius	arcsec	REAL	4	-999	Exponential fit radius for y filter stack detection.
yExpRadiusErr	arcsec	REAL	4	-999	Error in exponential fit radius for y filter stack detection.
yExpMag	AB magnitudes	REAL	4	-999	Exponential fit magnitude for y filter stack detection.
yExpMagErr	AB magnitudes	REAL	4	-999	Error in exponential fit magnitude for y filter stack detection.
yExpAb	dimension less	REAL	4	-999	Exponential fit axis ratio for y filter stack detection.
yExpAbErr	dimension less	REAL	4	-999	Error in exponential fit axis ratio for y filter stack detection.
yExpPhi	degrees	REAL	4	-999	Major axis position angle, phi, of exponential fit for y filter stack detection.
yExpPhiErr	degrees	REAL	4	-999	Error in major axis position angle of exponential fit for y filter stack detection.
yExpRa	degrees	FLOAT	8	-999	Right ascension of exponential fit center for y filter stack detection.
yExpDec	degrees	FLOAT	8	-999	Declination of exponential fit center for y filter stack detection.
yExpRaErr	arcsec	REAL	4	-999	Error in right ascension of exponential fit center for y filter stack detection.
yExpDecErr	arcsec	REAL	4	-999	Error in declination of exponential fit center for y filter stack detection.
yExpChisq	dimension less	REAL	4	-999	Exponential fit reduced chi squared for y filter stack detection.
gDeVRadius	arcsec	REAL	4	-999	De Vaucouleurs (1948) fit radius for g filter stack detection.
gDeVRadiusErr	arcsec	REAL	4	-999	Error in de Vaucouleurs (1948) fit radius for g filter stack detection.
gDeVMag	AB magnitudes	REAL	4	-999	De Vaucouleurs (1948) fit magnitude for g filter stack detection.
gDeVMagErr	AB magnitudes	REAL	4	-999	Error in de Vaucouleurs (1948) fit magnitude for g filter stack detection.
gDeVAb	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit axis ratio for g filter stack detection.
gDeVAbErr	dimension less	REAL	4	-999	Error in de Vaucouleurs (1948) fit axis ratio for g filter stack detection.
gDeVPhi	degrees	REAL	4	-999	Major axis position angle, phi, of de Vaucouleurs (1948) fit for g filter stack detection.
gDeVPhiErr	degrees	REAL	4	-999	Error in major axis position angle of de Vaucouleurs (1948) fit for g filter stack detection.
gDeVRa	degrees	FLOAT	8	-999	Right ascension of de Vaucouleurs (1948) fit center for g filter stack detection.

gDeVDec	degrees	FLOAT	8	-999	Declination of de Vaucouleurs (1948) fit center for g filter stack detection.
gDeVRaErr	arcsec	REAL	4	-999	Error in right ascension of de Vaucouleurs (1948) fit center for g filter stack detection.
gDeVDecErr	arcsec	REAL	4	-999	Error in declination of de Vaucouleurs (1948) fit center for g filter stack detection.
gDeVChisq	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit reduced chi squared for g filter stack detection.
rDeVRadius	arcsec	REAL	4	-999	De Vaucouleurs (1948) fit radius for r filter stack detection.
rDeVRadiusErr	arcsec	REAL	4	-999	Error in de Vaucouleurs (1948) fit radius for r filter stack detection.
rDeVMag	AB magnitudes	REAL	4	-999	De Vaucouleurs (1948) fit magnitude for r filter stack detection.
rDeVMagErr	AB magnitudes	REAL	4	-999	Error in de Vaucouleurs (1948) fit magnitude for r filter stack detection.
rDeVAb	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit axis ratio for r filter stack detection.
rDeVAbErr	dimension less	REAL	4	-999	Error in de Vaucouleurs (1948) fit axis ratio for r filter stack detection.
rDeVPhi	degrees	REAL	4	-999	Major axis position angle, phi, of de Vaucouleurs (1948) fit for r filter stack detection.
rDeVPhiErr	degrees	REAL	4	-999	Error in major axis position angle of de Vaucouleurs (1948) fit for r filter stack detection.
rDeVRa	degrees	FLOAT	8	-999	Right ascension of de Vaucouleurs (1948) fit center for r filter stack detection.
rDeVDec	degrees	FLOAT	8	-999	Declination of de Vaucouleurs (1948) fit center for r filter stack detection.
rDeVRaErr	arcsec	REAL	4	-999	Error in right ascension of de Vaucouleurs (1948) fit center for r filter stack detection.
rDeVDecErr	arcsec	REAL	4	-999	Error in declination of de Vaucouleurs (1948) fit center for r filter stack detection.
rDeVChisq	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit reduced chi squared for r filter stack detection.
iDeVRadius	arcsec	REAL	4	-999	De Vaucouleurs (1948) fit radius for i filter stack detection.
iDeVRadiusErr	arcsec	REAL	4	-999	Error in de Vaucouleurs (1948) fit radius for i filter stack detection.
iDeVMag	AB magnitudes	REAL	4	-999	De Vaucouleurs (1948) fit magnitude for i filter stack detection.
iDeVMagErr	AB magnitudes	REAL	4	-999	Error in de Vaucouleurs (1948) fit magnitude for i filter stack detection.
iDeVAb	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit axis ratio for i filter stack detection.
iDeVAbErr	dimension less	REAL	4	-999	Error in de Vaucouleurs (1948) fit axis ratio for i filter stack detection.
iDeVPhi	degrees	REAL	4	-999	Major axis position angle, phi, of de Vaucouleurs (1948) fit for i filter stack detection.
iDeVPhiErr	degrees	REAL	4	-999	Error in major axis position angle of de Vaucouleurs (1948) fit for i filter stack detection.
iDeVRa	degrees	FLOAT	8	-999	Right ascension of de Vaucouleurs (1948) fit center for i filter stack detection.
iDeVDec	degrees	FLOAT	8	-999	Declination of de Vaucouleurs (1948) fit center for i filter stack detection.
iDeVRaErr	arcsec	REAL	4	-999	Error in right ascension of de Vaucouleurs (1948) fit center for i filter stack detection.
iDeVDecErr	arcsec	REAL	4	-999	Error in declination of de Vaucouleurs (1948) fit center for i filter stack detection.
iDeVChisq	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit reduced chi squared for i filter stack detection.
zDeVRadius	arcsec	REAL	4	-999	De Vaucouleurs (1948) fit radius for z filter stack detection.
zDeVRadiusErr	arcsec	REAL	4	-999	Error in de Vaucouleurs (1948) fit radius for z filter stack detection.
zDeVMag	AB magnitudes	REAL	4	-999	De Vaucouleurs (1948) fit magnitude for z filter stack detection.
zDeVMagErr	AB magnitudes	REAL	4	-999	Error in de Vaucouleurs (1948) fit magnitude for z filter stack detection.
zDeVAb	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit axis ratio for z filter stack detection.
zDeVAbErr	dimension less	REAL	4	-999	Error in de Vaucouleurs (1948) fit axis ratio for z filter stack detection.
zDeVPhi	degrees	REAL	4	-999	Major axis position angle, phi, of de Vaucouleurs (1948) fit for z filter stack detection.

zDeVPhiErr	degrees	REAL	4	-999	Error in major axis position angle of de Vaucouleurs (1948) fit for z filter stack detection.
zDeVRa	degrees	FLOAT	8	-999	Right ascension of de Vaucouleurs (1948) fit center for z filter stack detection.
zDeVDec	degrees	FLOAT	8	-999	Declination of de Vaucouleurs (1948) fit center for z filter stack detection.
zDeVRaErr	arcsec	REAL	4	-999	Error in right ascension of de Vaucouleurs (1948) fit center for z filter stack detection.
zDeVDecErr	arcsec	REAL	4	-999	Error in declination of de Vaucouleurs (1948) fit center for z filter stack detection.
zDeVChisq	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit reduced chi squared for z filter stack detection.
yDeVRadius	arcsec	REAL	4	-999	De Vaucouleurs (1948) fit radius for y filter stack detection.
yDeVRadiusErr	arcsec	REAL	4	-999	Error in de Vaucouleurs (1948) fit radius for y filter stack detection.
yDeVMag	AB magnitudes	REAL	4	-999	De Vaucouleurs (1948) fit magnitude for y filter stack detection.
yDeVMagErr	AB magnitudes	REAL	4	-999	Error in de Vaucouleurs (1948) fit magnitude for y filter stack detection.
yDeVAb	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit axis ratio for y filter stack detection.
yDeVAbErr	dimension less	REAL	4	-999	Error in de Vaucouleurs (1948) fit axis ratio for y filter stack detection.
yDeVPhi	degrees	REAL	4	-999	Major axis position angle, phi, of de Vaucouleurs (1948) fit for y filter stack detection.
yDeVPhiErr	degrees	REAL	4	-999	Error in major axis position angle of de Vaucouleurs (1948) fit for y filter stack detection.
yDeVRa	degrees	FLOAT	8	-999	Right ascension of de Vaucouleurs (1948) fit center for y filter stack detection.
yDeVDec	degrees	FLOAT	8	-999	Declination of de Vaucouleurs (1948) fit center for y filter stack detection.
yDeVRaErr	arcsec	REAL	4	-999	Error in right ascension of de Vaucouleurs (1948) fit center for y filter stack detection.
yDeVDecErr	arcsec	REAL	4	-999	Error in declination of de Vaucouleurs (1948) fit center for y filter stack detection.
yDeVChisq	dimension less	REAL	4	-999	De Vaucouleurs (1948) fit reduced chi squared for y filter stack detection.
gSerRadius	arcsec	REAL	4	-999	Sersic (1963) fit radius for g filter stack detection.
gSerRadiusErr	arcsec	REAL	4	-999	Error in Sersic (1963) fit radius for g filter stack detection.
gSerMag	AB magnitudes	REAL	4	-999	Sersic (1963) fit magnitude for g filter stack detection.
gSerMagErr	AB magnitudes	REAL	4	-999	Error in Sersic (1963) fit magnitude for g filter stack detection.
gSerAb	dimension less	REAL	4	-999	Sersic (1963) fit axis ratio for g filter stack detection.
gSerAbErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit axis ratio for g filter stack detection.
gSerNu	dimension less	REAL	4	-999	Sersic (1963) fit index for g filter stack detection.
gSerNuErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit index for g filter stack detection.
gSerPhi	degrees	REAL	4	-999	Major axis position angle, phi, of Sersic (1963) fit for g filter stack detection.
gSerPhiErr	degrees	REAL	4	-999	Error in major axis position angle of Sersic (1963) fit for g filter stack detection.
gSerRa	degrees	FLOAT	8	-999	Right ascension of Sersic (1963) fit center for g filter stack detection.
gSerDec	degrees	FLOAT	8	-999	Declination of Sersic (1963) fit center for g filter stack detection.
gSerRaErr	arcsec	REAL	4	-999	Error in right ascension of Sersic (1963) fit center for g filter stack detection.
gSerDecErr	arcsec	REAL	4	-999	Error in declination of Sersic (1963) fit center for g filter stack detection.
gSerChisq	dimension less	REAL	4	-999	Sersic (1963) fit reduced chi squared for g filter stack detection.
rSerRadius	arcsec	REAL	4	-999	Sersic (1963) fit radius for r filter stack detection.
rSerRadiusErr	arcsec	REAL	4	-999	Error in Sersic (1963) fit radius for r filter stack detection.
rSerMag	AB magnitudes	REAL	4	-999	Sersic (1963) fit magnitude for r filter stack detection.

rSerMagErr	AB magnitudes	REAL	4	-999	Error in Sersic (1963) fit magnitude for r filter stack detection.
rSerAb	dimension less	REAL	4	-999	Sersic (1963) fit axis ratio for r filter stack detection.
rSerAbErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit axis ratio for r filter stack detection.
rSerNu	dimension less	REAL	4	-999	Sersic (1963) fit index for r filter stack detection.
rSerNuErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit index for r filter stack detection.
rSerPhi	degrees	REAL	4	-999	Major axis position angle, phi, of Sersic (1963) fit for r filter stack detection.
rSerPhiErr	degrees	REAL	4	-999	Error in major axis position angle of Sersic (1963) fit for r filter stack detection.
rSerRa	degrees	FLOAT	8	-999	Right ascension of Sersic (1963) fit center for r filter stack detection.
rSerDec	degrees	FLOAT	8	-999	Declination of Sersic (1963) fit center for r filter stack detection.
rSerRaErr	arcsec	REAL	4	-999	Error in right ascension of Sersic (1963) fit center for r filter stack detection.
rSerDecErr	arcsec	REAL	4	-999	Error in declination of Sersic (1963) fit center for r filter stack detection.
rSerChisq	dimension less	REAL	4	-999	Sersic (1963) fit reduced chi squared for r filter stack detection.
iSerRadius	arcsec	REAL	4	-999	Sersic (1963) fit radius for i filter stack detection.
iSerRadiusErr	arcsec	REAL	4	-999	Error in Sersic (1963) fit radius for i filter stack detection.
iSerMag	AB magnitudes	REAL	4	-999	Sersic (1963) fit magnitude for i filter stack detection.
iSerMagErr	AB magnitudes	REAL	4	-999	Error in Sersic (1963) fit magnitude for i filter stack detection.
iSerAb	dimension less	REAL	4	-999	Sersic (1963) fit axis ratio for i filter stack detection.
iSerAbErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit axis ratio for i filter stack detection.
iSerNu	dimension less	REAL	4	-999	Sersic (1963) fit index for i filter stack detection.
iSerNuErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit index for i filter stack detection.
iSerPhi	degrees	REAL	4	-999	Major axis position angle, phi, of Sersic (1963) fit for i filter stack detection.
iSerPhiErr	degrees	REAL	4	-999	Error in major axis position angle of Sersic (1963) fit for i filter stack detection.
iSerRa	degrees	FLOAT	8	-999	Right ascension of Sersic (1963) fit center for i filter stack detection.
iSerDec	degrees	FLOAT	8	-999	Declination of Sersic (1963) fit center for i filter stack detection.
iSerRaErr	arcsec	REAL	4	-999	Error in right ascension of Sersic (1963) fit center for i filter stack detection.
iSerDecErr	arcsec	REAL	4	-999	Error in declination of Sersic (1963) fit center for i filter stack detection.
iSerChisq	dimension less	REAL	4	-999	Sersic (1963) fit reduced chi squared for i filter stack detection.
zSerRadius	arcsec	REAL	4	-999	Sersic (1963) fit radius for z filter stack detection.
zSerRadiusErr	arcsec	REAL	4	-999	Error in Sersic (1963) fit radius for z filter stack detection.
zSerMag	AB magnitudes	REAL	4	-999	Sersic (1963) fit magnitude for z filter stack detection.
zSerMagErr	AB magnitudes	REAL	4	-999	Error in Sersic (1963) fit magnitude for z filter stack detection.
zSerAb	dimension less	REAL	4	-999	Sersic (1963) fit axis ratio for z filter stack detection.
zSerAbErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit axis ratio for z filter stack detection.
zSerNu	dimension less	REAL	4	-999	Sersic (1963) fit index for z filter stack detection.
zSerNuErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit index for z filter stack detection.
zSerPhi	degrees	REAL	4	-999	Major axis position angle, phi, of Sersic (1963) fit for z filter stack detection.

zSerPhiErr	degrees	REAL	4	-999	Error in major axis position angle of Sersic (1963) fit for z filter stack detection.
zSerRa	degrees	FLOAT	8	-999	Right ascension of Sersic (1963) fit center for z filter stack detection.
zSerDec	degrees	FLOAT	8	-999	Declination of Sersic (1963) fit center for z filter stack detection.
zSerRaErr	arcsec	REAL	4	-999	Error in right ascension of Sersic (1963) fit center for z filter stack detection.
zSerDecErr	arcsec	REAL	4	-999	Error in declination of Sersic (1963) fit center for z filter stack detection.
zSerChisq	dimension less	REAL	4	-999	Sersic (1963) fit reduced chi squared for z filter stack detection.
ySerRadius	arcsec	REAL	4	-999	Sersic (1963) fit radius for y filter stack detection.
ySerRadiusErr	arcsec	REAL	4	-999	Error in Sersic (1963) fit radius for y filter stack detection.
ySerMag	AB magnitudes	REAL	4	-999	Sersic (1963) fit magnitude for y filter stack detection.
ySerMagErr	AB magnitudes	REAL	4	-999	Error in Sersic (1963) fit magnitude for y filter stack detection.
ySerAb	dimension less	REAL	4	-999	Sersic (1963) fit axis ratio for y filter stack detection.
ySerAbErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit axis ratio for y filter stack detection.
ySerNu	dimension less	REAL	4	-999	Sersic (1963) fit index for y filter stack detection.
ySerNuErr	dimension less	REAL	4	-999	Error in Sersic (1963) fit index for y filter stack detection.
ySerPhi	degrees	REAL	4	-999	Major axis position angle, phi, of Sersic (1963) fit for y filter stack detection.
ySerPhiErr	degrees	REAL	4	-999	Error in major axis position angle of Sersic (1963) fit for y filter stack detection.
ySerRa	degrees	FLOAT	8	-999	Right ascension of Sersic (1963) fit center for y filter stack detection.
ySerDec	degrees	FLOAT	8	-999	Declination of Sersic (1963) fit center for y filter stack detection.
ySerRaErr	arcsec	REAL	4	-999	Error in right ascension of Sersic (1963) fit center for y filter stack detection.
ySerDecErr	arcsec	REAL	4	-999	Error in declination of Sersic (1963) fit center for y filter stack detection.
ySerChisq	dimension less	REAL	4	-999	Sersic (1963) fit reduced chi squared for y filter stack detection.
gpetRadius	arcsec	REAL	4	-999	Petrosian (1976) fit radius for g filter stack detection.
gpetRadiusErr	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for g filter stack detection.
gpetMag	AB magnitudes	REAL	4	-999	Petrosian (1976) magnitude from g filter stack detection.
gpetMagErr	AB magnitudes	REAL	4	-999	Error in Petrosian (1976) magnitude from g filter stack detection.
gpetR50	arcsec	REAL	4	-999	Petrosian (1976) fit radius for g filter stack detection. at 50% light
gpetR50Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for g filter stack detection. at 50% light
gpetR90	arcsec	REAL	4	-999	Petrosian (1976) fit radius for g filter stack detection. at 90% light
gpetR90Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for g filter stack detection. at 90% light
gpetCf	dimension less	REAL	4	-999	Petrosian (1976) fit coverage factor for g filter stack detection.
rpetRadius	arcsec	REAL	4	-999	Petrosian (1976) fit radius for r filter stack detection.
rpetRadiusErr	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for r filter stack detection.
rpetMag	AB magnitudes	REAL	4	-999	Petrosian (1976) magnitude from r filter stack detection.
rpetMagErr	AB magnitudes	REAL	4	-999	Error in Petrosian (1976) magnitude from r filter stack detection.
rpetR50	arcsec	REAL	4	-999	Petrosian (1976) fit radius for r filter stack detection. at 50% light
rpetR50Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for r filter stack detection. at 50% light
rpetR90	arcsec	REAL	4	-999	Petrosian (1976) fit radius for r filter stack detection. at 90% light
rpetR90Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for r filter stack detection. at 90% light

rpetCf	dimension less	REAL	4	-999	Petrosian (1976) fit coverage factor for r filter stack detection.
ipetRadius	arcsec	REAL	4	-999	Petrosian (1976) fit radius for i filter stack detection.
ipetRadiusErr	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for i filter stack detection.
ipetMag	AB magnitudes	REAL	4	-999	Petrosian (1976) magnitude from i filter stack detection.
ipetMagErr	AB magnitudes	REAL	4	-999	Error in Petrosian (1976) magnitude from i filter stack detection.
ipetR50	arcsec	REAL	4	-999	Petrosian (1976) fit radius for i filter stack detection. at 50% light
ipetR50Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for i filter stack detection. at 50% light
ipetR90	arcsec	REAL	4	-999	Petrosian (1976) fit radius for i filter stack detection. at 90% light
ipetR90Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for i filter stack detection. at 90% light
ipetCf	dimension less	REAL	4	-999	Petrosian (1976) fit coverage factor for i filter stack detection.
zpetRadius	arcsec	REAL	4	-999	Petrosian (1976) fit radius for z filter stack detection.
zpetRadiusErr	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for z filter stack detection.
zpetMag	AB magnitudes	REAL	4	-999	Petrosian (1976) magnitude from z filter stack detection.
zpetMagErr	AB magnitudes	REAL	4	-999	Error in Petrosian (1976) magnitude from z filter stack detection.
zpetR50	arcsec	REAL	4	-999	Petrosian (1976) fit radius for z filter stack detection. at 50% light
zpetR50Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for z filter stack detection. at 50% light
zpetR90	arcsec	REAL	4	-999	Petrosian (1976) fit radius for z filter stack detection. at 90% light
zpetR90Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for z filter stack detection. at 90% light
zpetCf	dimension less	REAL	4	-999	Petrosian (1976) fit coverage factor for z filter stack detection.
ypetRadius	arcsec	REAL	4	-999	Petrosian (1976) fit radius for y filter stack detection.
ypetRadiusErr	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for y filter stack detection.
ypetMag	AB magnitudes	REAL	4	-999	Petrosian (1976) magnitude from y filter stack detection.
ypetMagErr	AB magnitudes	REAL	4	-999	Error in Petrosian (1976) magnitude from y filter stack detection.
ypetR50	arcsec	REAL	4	-999	Petrosian (1976) fit radius for y filter stack detection. at 50% light
ypetR50Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for y filter stack detection. at 50% light
ypetR90	arcsec	REAL	4	-999	Petrosian (1976) fit radius for y filter stack detection. at 90% light
ypetR90Err	arcsec	REAL	4	-999	Error in Petrosian (1976) fit radius for y filter stack detection. at 90% light
ypetCf	dimension less	REAL	4	-999	Petrosian (1976) fit coverage factor for y filter stack detection.