

# TAP ivoa.obscore Schema and Examples

IVOA Obscore

Column Name	Data Type	Description
obs_id	VARCHAR(8)	Observation ID
dataprodukt_type	VARCHAR(50)	Logical data product type
dataprodukt_subtype	VARCHAR(20)	Logical data product subtype
calib_level	SMALLINT	Calibration level (0, 1, 2, 3, 4)
target_name	VARCHAR(255)	Astronomical object observed if any
obs_title	VARCHAR(255)	Title of the data observation
obs_collection	VARCHAR(255)	Name of the data collection
obs_creator_name	VARCHAR(255)	Name of the creator of the observation
obs_publisher_did	VARCHAR(255)	Dataset identifier given by the publisher
access_url	VARCHAR(255)	URL used to access (download) dataset
access_format	VARCHAR(50)	File content format
access_estsize	BIGINT	Estimated size of dataset in kilobytes
s_ra	DOUBLE	Central right ascension, ICRS
s_dec	DOUBLE	Central declination, ICRS
s_fov	DOUBLE	Diameter (bounds) of the covered region
s_region	REGION	Sky region covered by the data product (expressed in ICRS frame)
s_resolution	DOUBLE	Spatial resolution of data as FWHM
s_xel1	INTEGER	Number of elements along the first spatial axis
s_xel2	INTEGER	Number of elements along the second spatial axis
t_xel	INTEGER	Number of elements along the time axis
t_min	DOUBLE	Start time in MJD
t_max	DOUBLE	Stop time in MJD
t_exptime	DOUBLE	Total exposure time
t_resolution	DOUBLE	Temporal resolution FWHM
em_xel	INTEGER	Number of elements along the spectral axis
em_min	DOUBLE	Start in spectral coordinates
em_max	DOUBLE	Stop in spectral coordinates
em_res_power	DOUBLE	Spectral resolving power
o_ucd	VARCHAR(50)	UCD of observable
pol_xel	INTEGER	Number of polarization samples
pol_states	VARCHAR(11)	List of polarization states or NULL if not applicable
facility_name	VARCHAR(50)	The observatory or facility used to collect the data
instrument_name	VARCHAR(50)	The name of the instrument used for the acquisition of the observation
obs_release_date	TIMESTAMP	Date the embargo lifted for this observation