```
111    --5
112    SELECT st_summarystats(a.rast) AS stats
113    FROM sreniawska.paranhos_dem AS a;
```

Data Output   Messages   Notifications

	stats summarystats
1	(2616,278385,106.41628440366972,11.622628762211638,87,14...
2	(6463,816615,126.35231316725978,14.0438229209133,94,158)
3	(682,95581,140.14809384164224,12.078072186605759,103,158)
4	(216,31874,147.5648148148148,4.262830628315728,137,158)

```
115    --6
116    SELECT st_summarystats(ST_Union(a.rast))
117    FROM sreniawska.paranhos_dem AS a;
118
```

Data Output   Messages   Notifications

	st_summarystats summarystats
1	(9977,1222455,122.52731281948482,16.908004202736272,87,15...

```
119    --7
120    WITH t AS (
121    SELECT st_summarystats(ST_Union(a.rast)) AS stats
122    FROM sreniawska.paranhos_dem AS a
123    )
124    SELECT (stats).min,(stats).max,(stats).mean FROM t;
```

Data Output   Messages   Notifications

min double precision	max double precision	mean double precision
87	158	122.52731281948482

```
126  --8
127  WITH t AS (
128  SELECT b.parish AS parish, st_summarystats(ST_Union(ST_Clip(a.rast,
129  b.geom,true))) AS stats
130  FROM rasters.dem AS a, vectors.porto_parishes AS b
131  WHERE b.municipality ilike 'porto' and ST_Intersects(b.geom,a.rast)
132  group by b.parish
133  )
134  SELECT parish,(stats).min,(stats).max,(stats).mean FROM t;
```

Data Output   Messages   Notifications

	parish character varying (254)	min double precision	max double precision	mean double precision
1	Bonfim	1	159	107.5658842667906
2	Campanhã	0	178	74.66732213085449
3	Paranhos	87	158	122.52731281948482
4	Ramalde	48	108	77.58444444444444
5	União das freguesias de Aldoar, Foz do Douro e Nevogilde	-4	83	34.66735489791237
6	União das freguesias de Cedofeita, Santo Ildefonso, Sé, Miragaia, São Nicolau e Vitó...	1	157	95.00277741039545
7	União das freguesias de Lordelo do Ouro e Massarelos	-1	117	49.50051440329218

```
136  --9
137  SELECT b.name,st_value(a.rast,(ST_Dump(b.geom)).geom)
138  FROM
139  rasters.dem a, vectors.places AS b
140  WHERE ST_Intersects(a.rast,b.geom)
141  ORDER BY b.name;
142
```

Data Output   Messages   Notifications

	name character varying (48)	st_value double precision
1	Aldeia São Miguel	96
2	Alpendurada e Matos	145
3	Amarante	71
4	Baião	581
5	Cabeceiras de Basto	[null]
6	Castelo de Paiva	284
7	Celorico de Basto	227
8	Cinfães	405
9	Espinho	14
10	Fafe	338
11	Fajozes	53
12	Felgueiras	320
13	Gondomar	123

- ∨ ❈ Schemas (4)
  - › ◈ public
  - › ◈ rasters
  - ∨ ◈ sreniawska
    - › ▣ Aggregates
    - › A↓ Collations
    - › ⌂ Domains
    - › ▣ FTS Configurations
    - › ▣ FTS Dictionaries
    - › Aa FTS Parsers
    - › ▣ FTS Templates
    - › ▣ Foreign Tables
    - › ⦅≡⦆ Functions
    - › ▣ Materialized Views
    - › ▱ Operators
    - › ⦅⦆ Procedures
    - › 1..3 Sequences
    - ∨ ▦ Tables (13)
      - › ▦ clip
      - › ▦ dumppolygons
      - › ▦ intersection
      - › ▦ intersects
      - › ▦ landsat_nir
      - › ▦ paranhos_dem
      - › ▦ paranhos_slope
      - › ▦ paranhos_slope_reclass
      - › ▦ porto_ndvi
      - › ▦ porto_ndvi2
      - › ▦ porto_parishes
      - › ▦ tpi30
      - › ▦ union
    - › ⦅≡⦆ Trigger Functions
    - › ▣ Types
    - › ▣ Views
  - › ◈ vectors