Reporte de análisis — wdbc

Distribución de clases

Clase	Conteo	Proporción (%)
B	357	62.74
M	212	37.26

Métricas clave del dataset

cantidad_muestras	569
cantidad_atributos	30
cantidad_clases	2
clase_minima_real	M
clase_mayoritaria_real	B
n_min	212
n_max	357
ratio_desequilibrio_max	1.6839622641509433
entropia_clases	0.6603163491932277
tamano_efectivo_clases	1.935404501220217
porcentaje_faltantes	0.0
porcentaje_duplicados	0.0
asimetria_mediana	1.4138141066929877
curtosis_mediana	2.9855682827475247
porcentaje_variables_con_normalidad_no_rechazada	0.0
correlacion_absoluta_maxima	0.9978552808900137
porcentaje_pares_correlacion_mayor_0_9	4.827586206896552
rango_mediano_variables	0.4670500084757805
rango_maximo_variables	4068.800003051758
sugerencia_escalado	RobustScaler
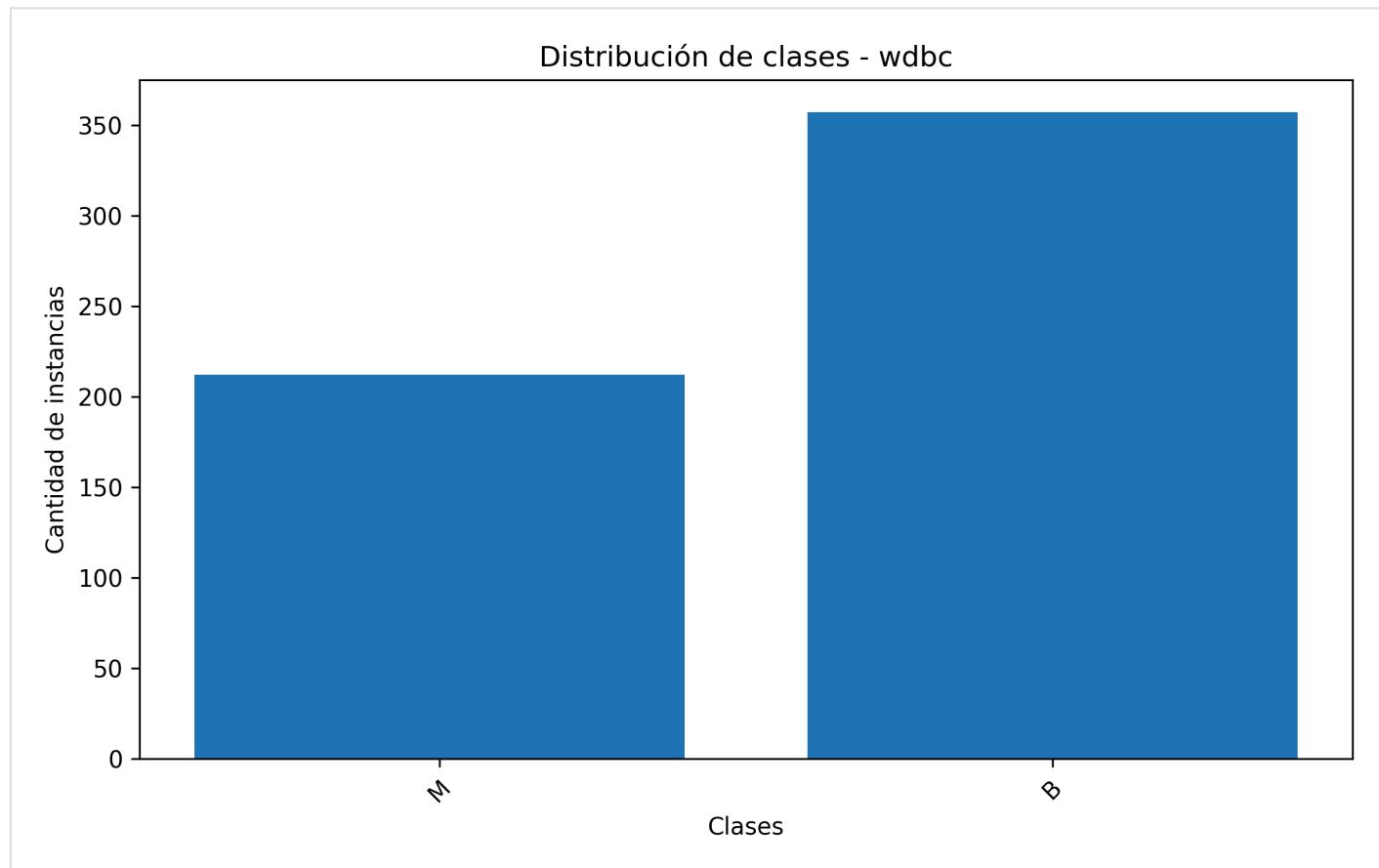
PCA — Varianza explicada

PC1: **0.982** · PC1+PC2: **0.998** · PC1+PC2+PC3: **1.0**

| Componente	Varianza explicada
PC1	0.982045
PC2	0.016176
PC3	0.001558
PC4	0.000121
PC5	8.8e-05
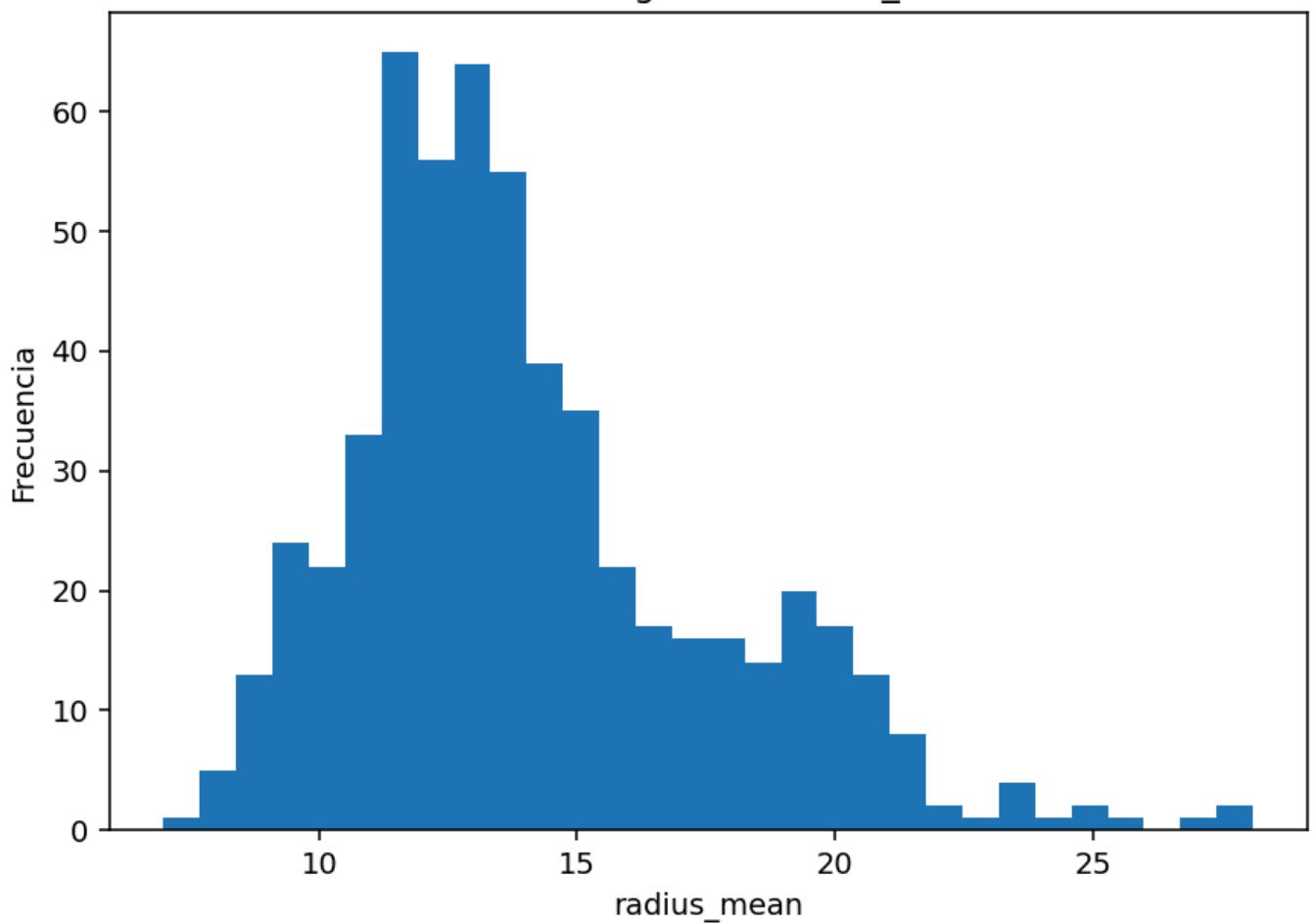
Figuras

Distribución de clases
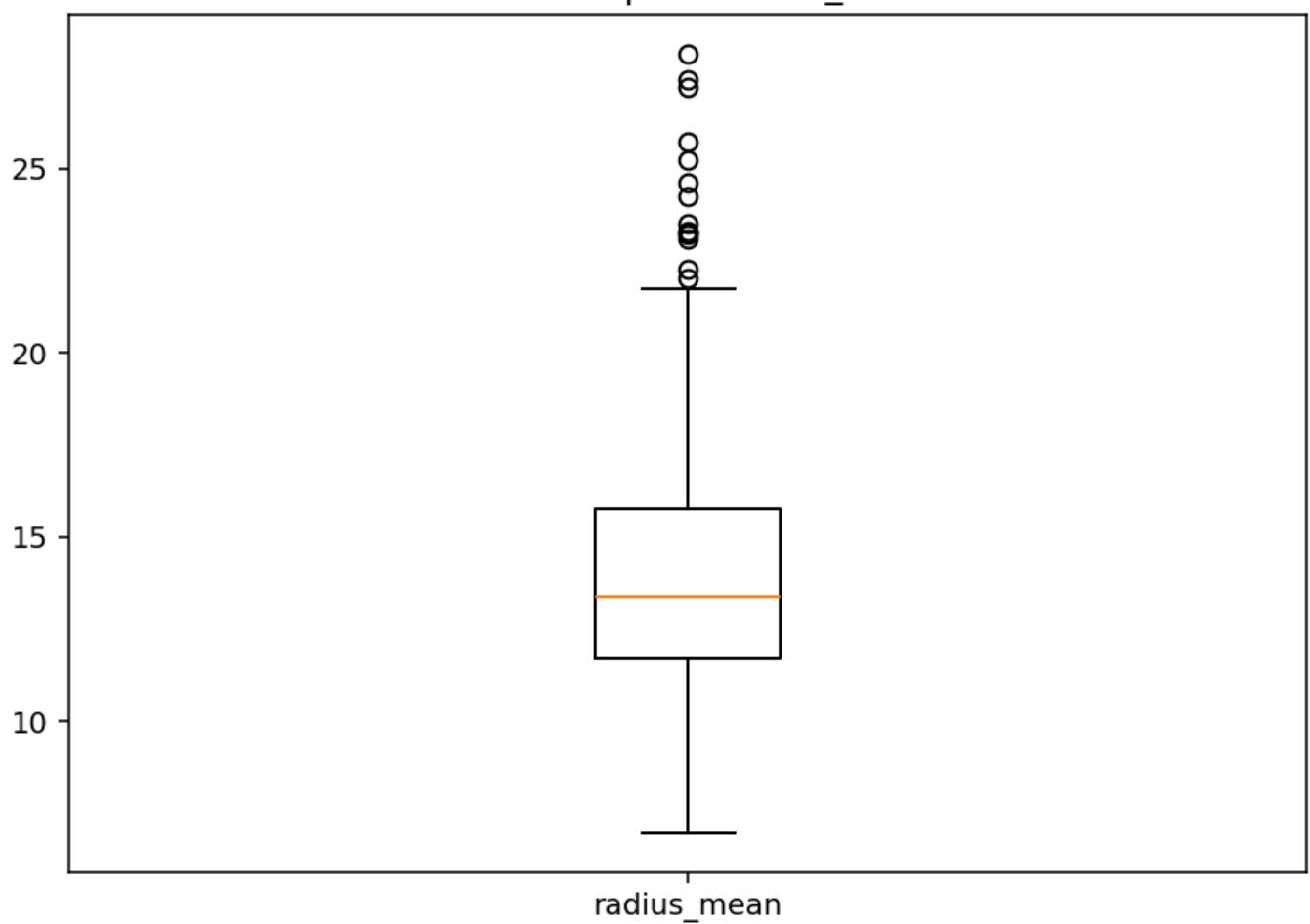
Histograma: radius_mean

wdbc · Histograma: radius_mean
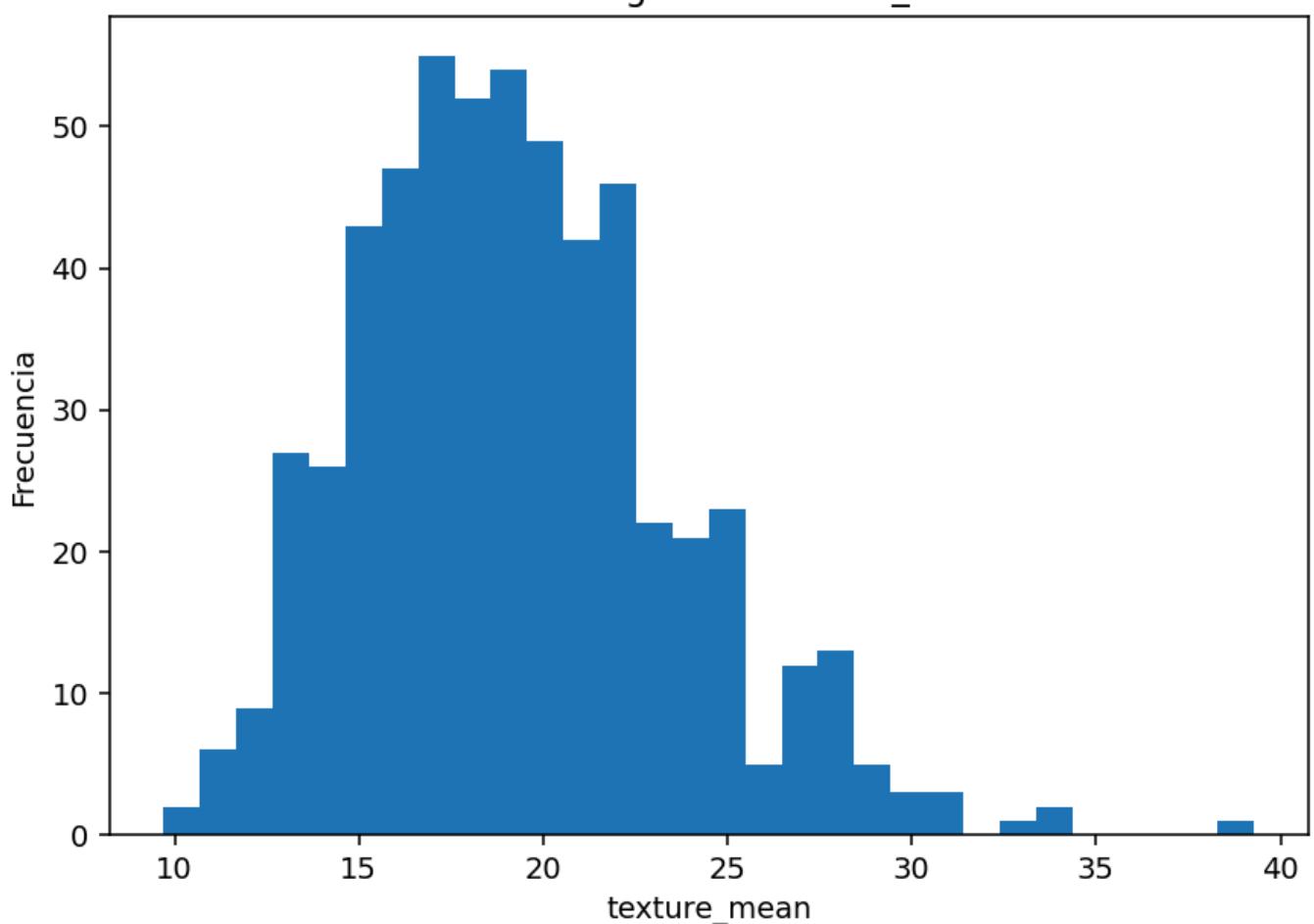
Boxplot: radius_mean

wdbc · Boxplot: radius_mean
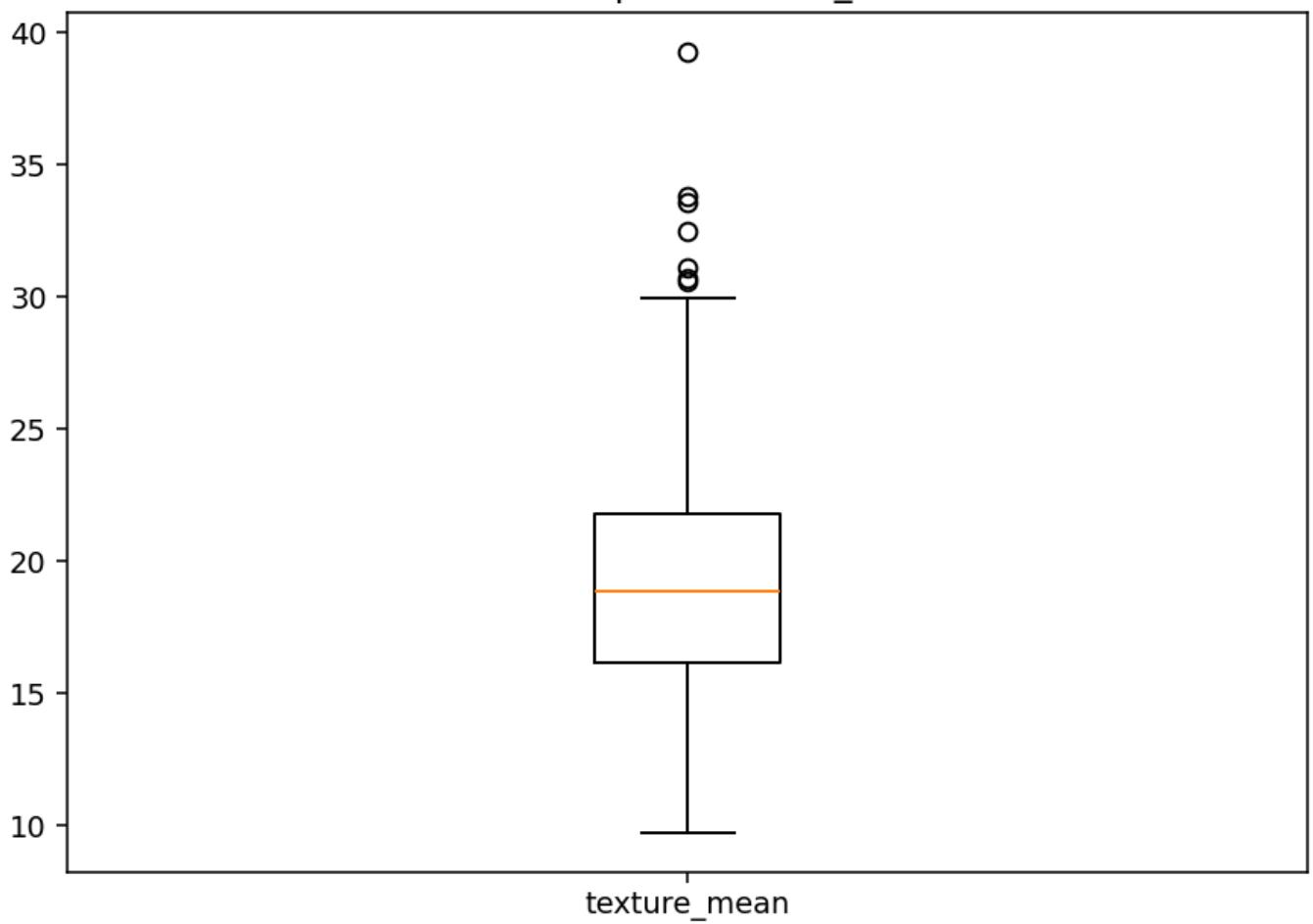
Histograma: texture_mean

wdbc · Histograma: texture_mean
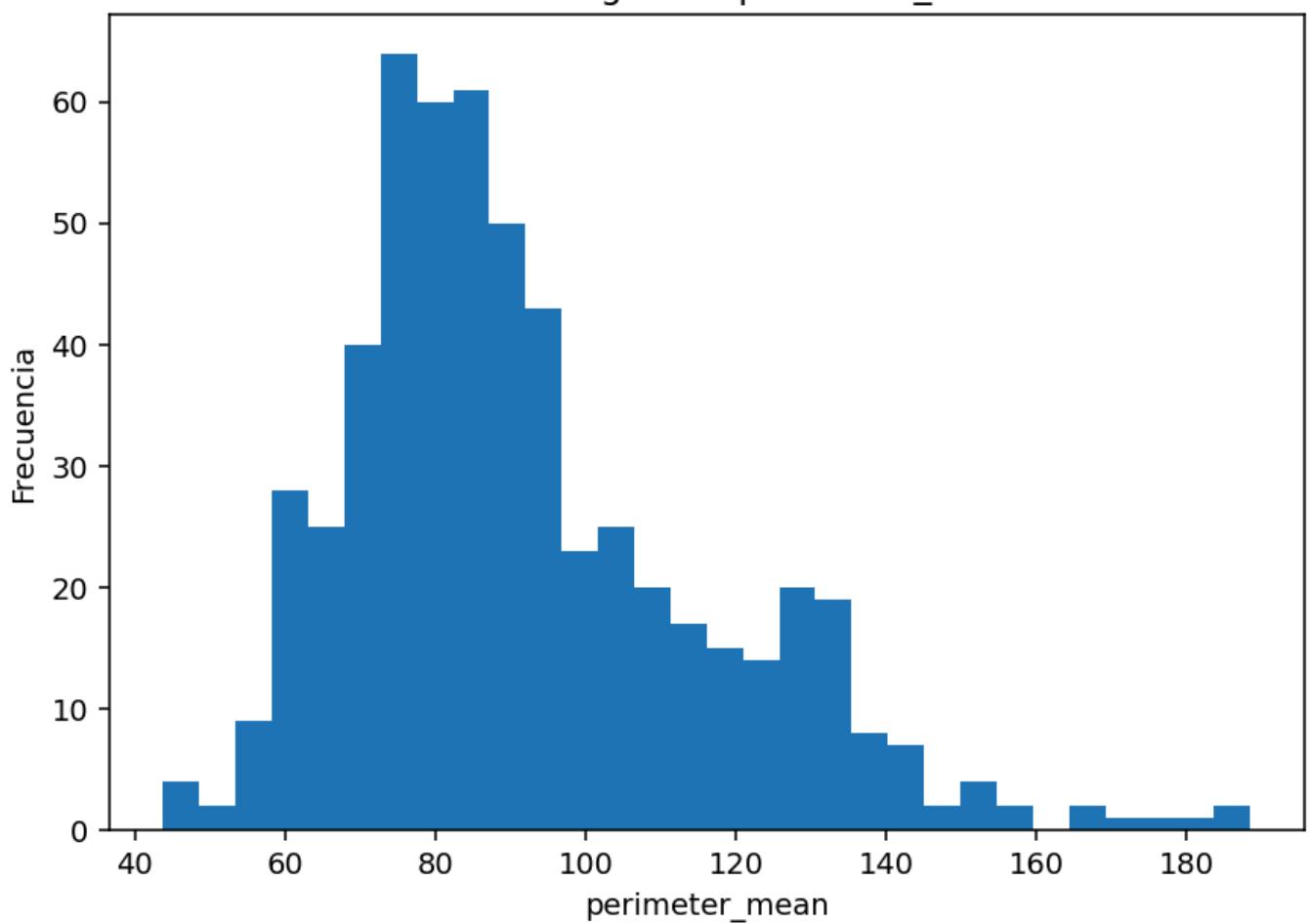
Boxplot: texture_mean

wdbc · Boxplot: texture_mean
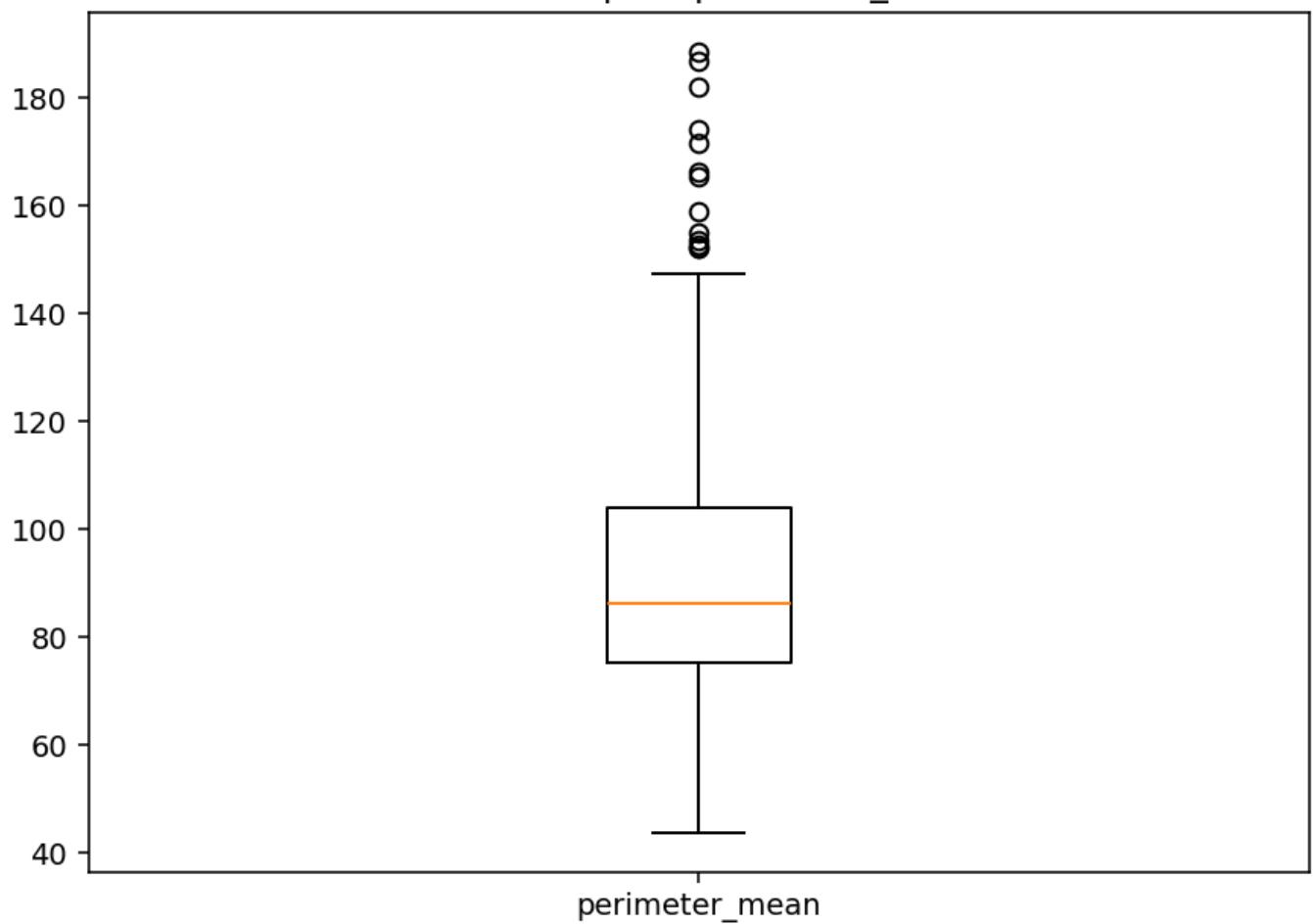
Histograma: perimeter_mean

wdbc · Histograma: perimeter_mean
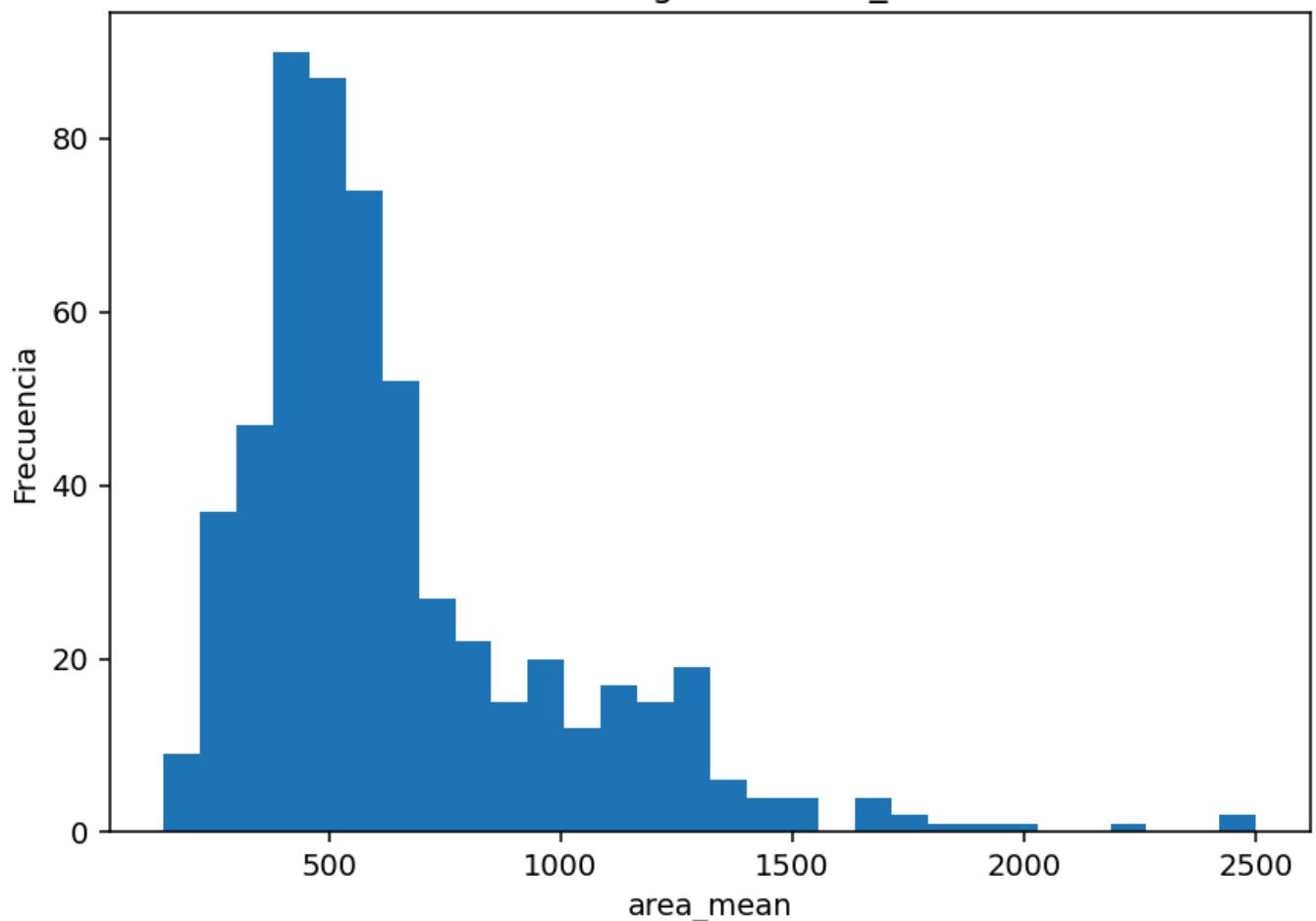
Boxplot: perimeter_mean

wdbc · Boxplot: perimeter_mean
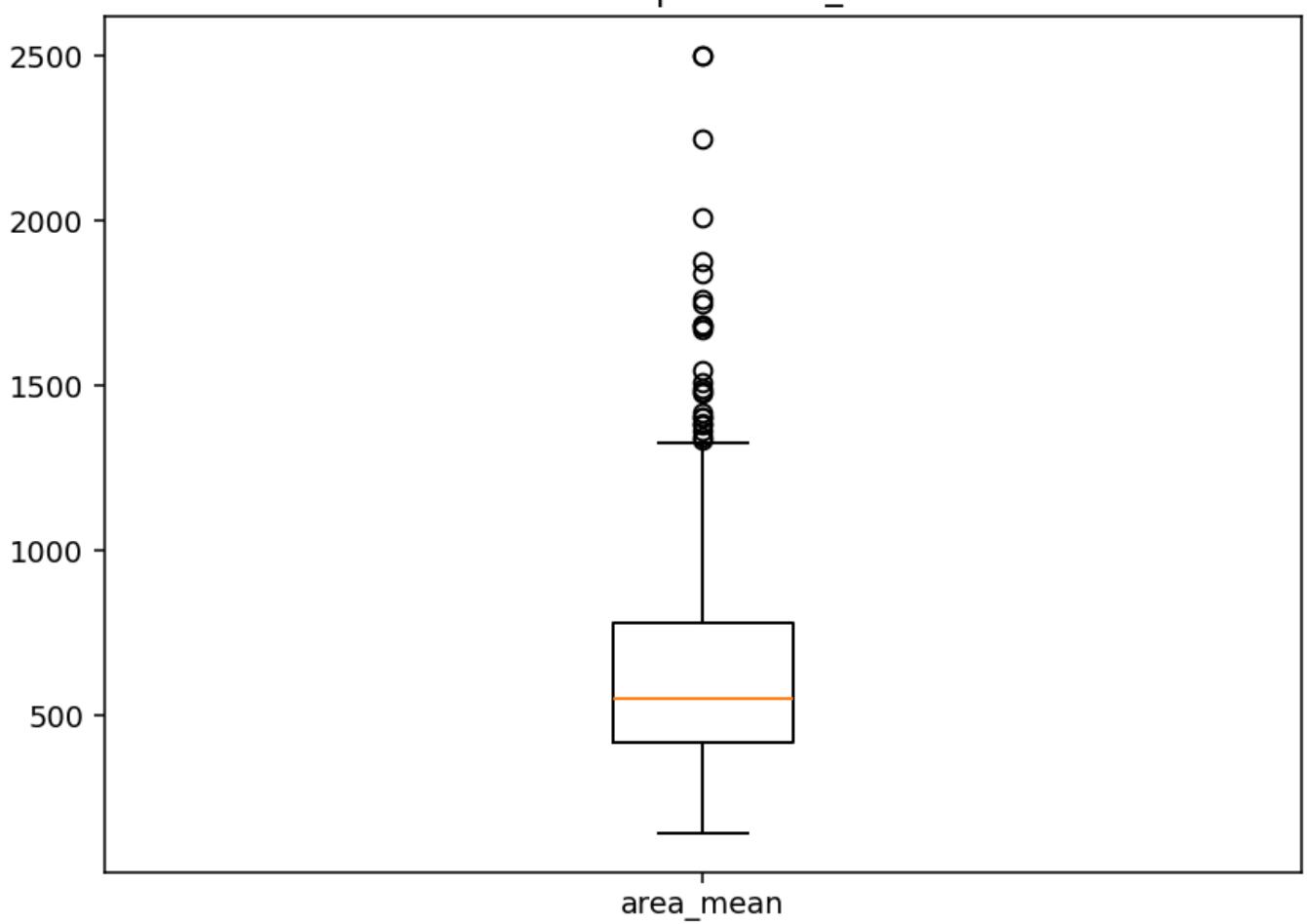
Histograma: area_mean

wdbc · Histograma: area_mean
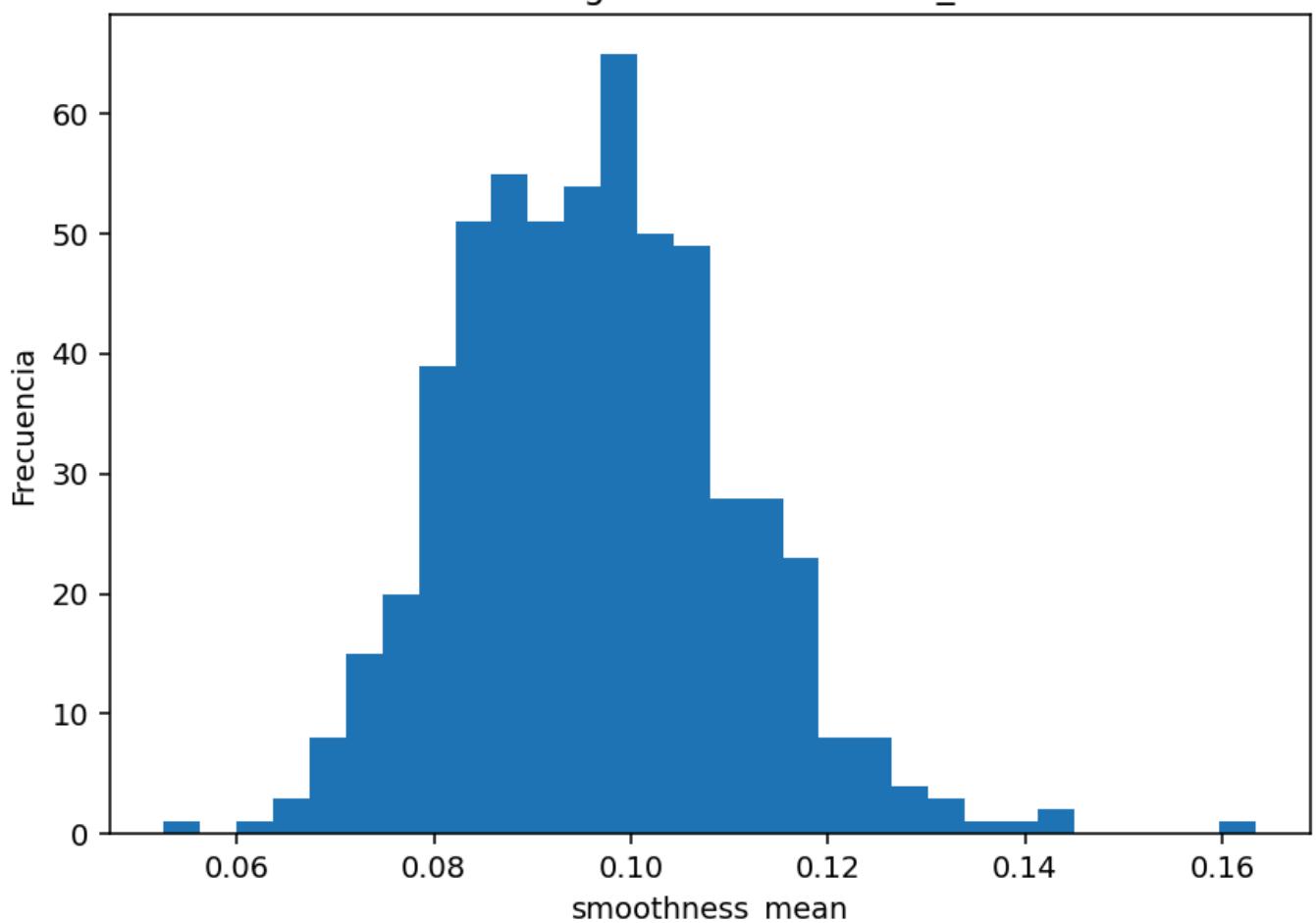
Boxplot: area_mean

wdbc · Boxplot: area_mean
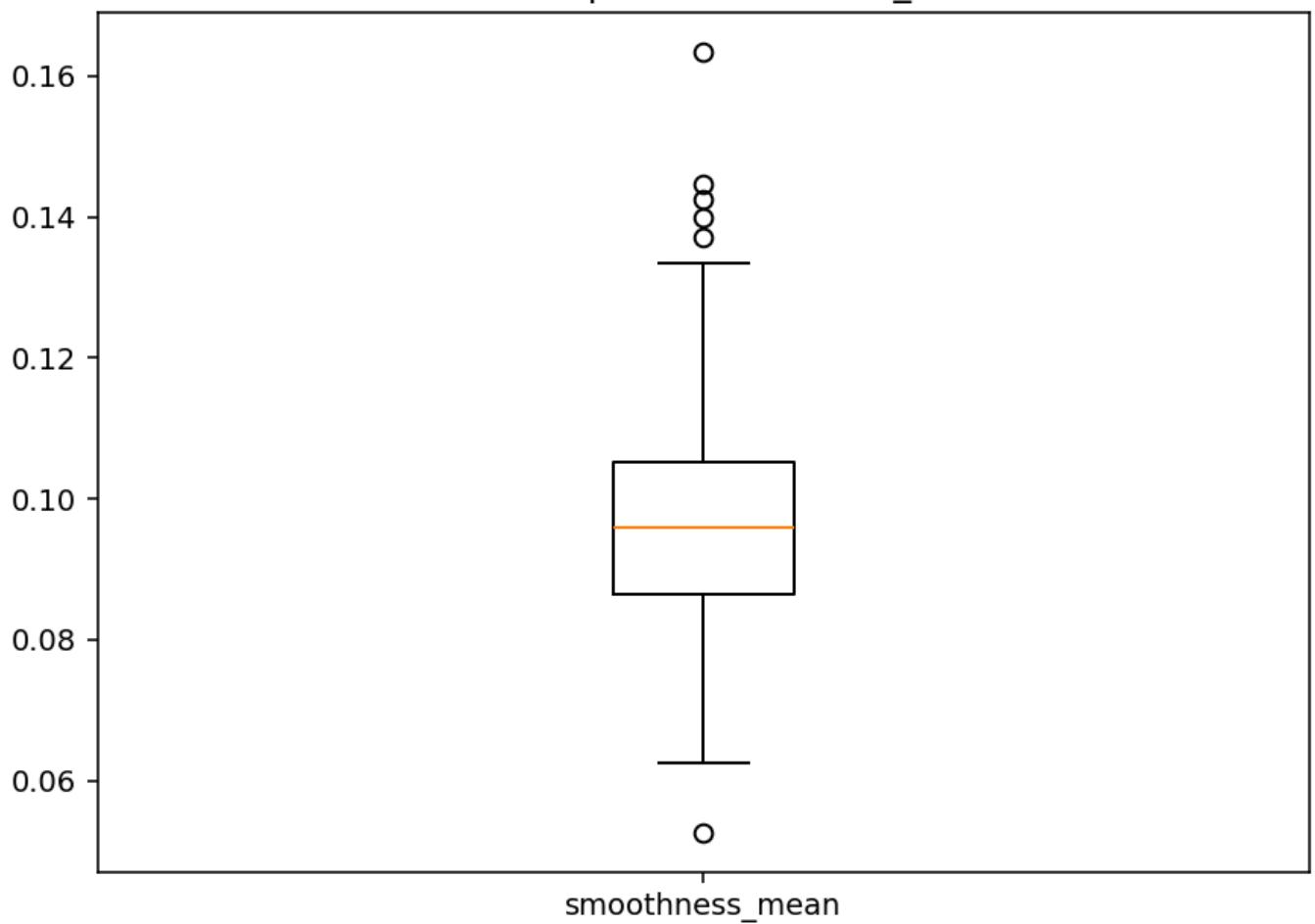
Histograma: smoothness_mean

wdbc · Histograma: smoothness_mean
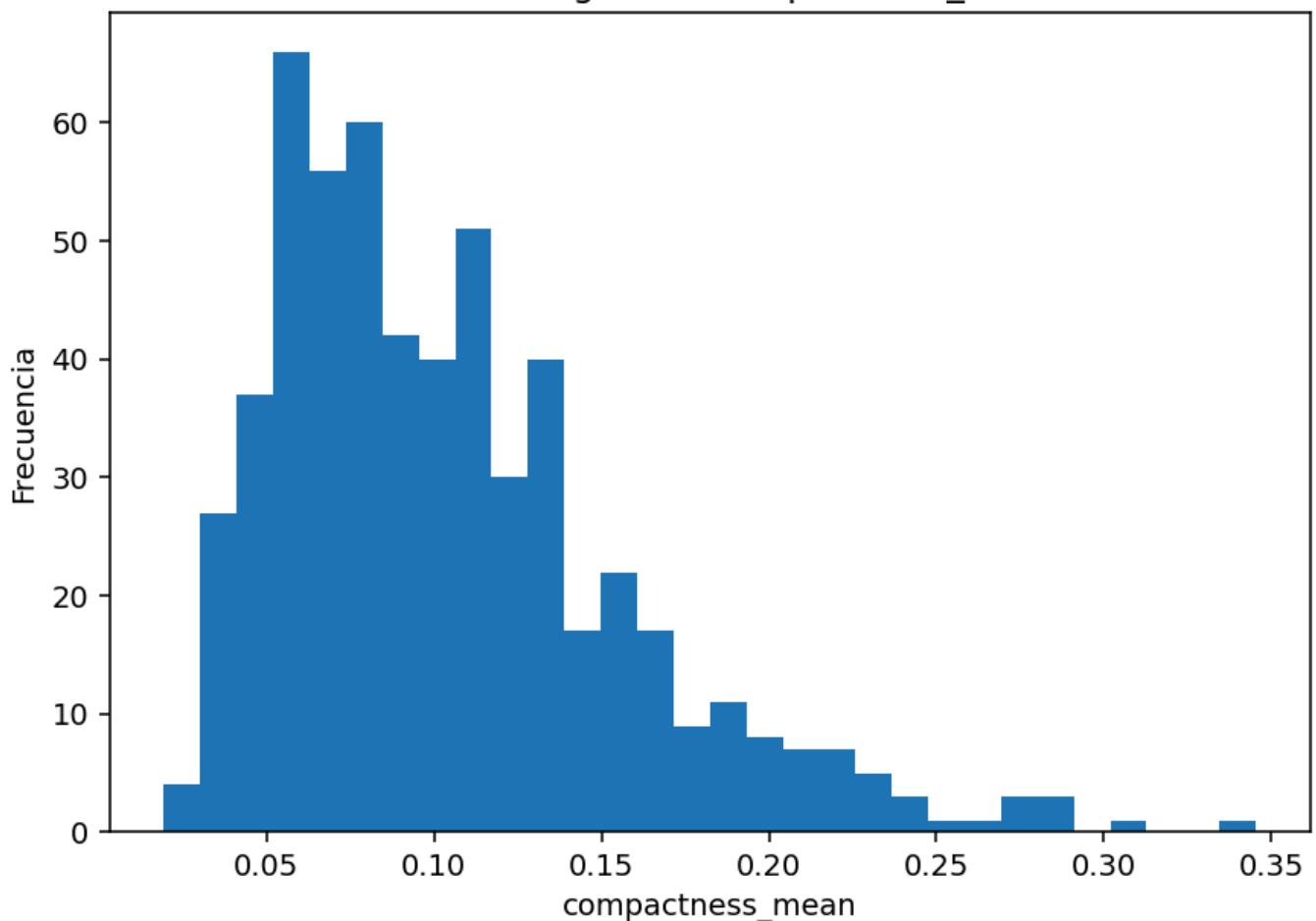
Boxplot: smoothness_mean
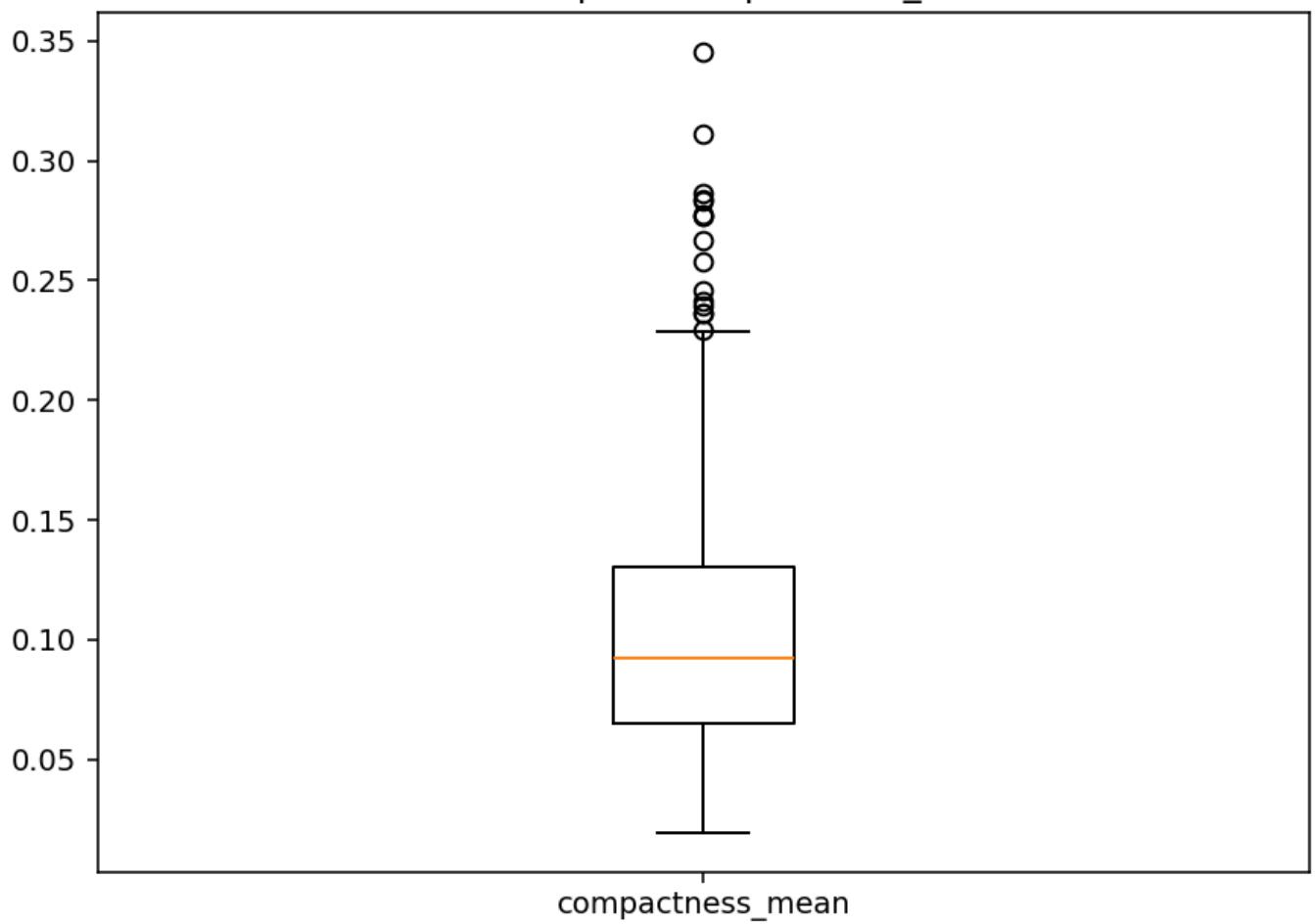
Histograma: compactness_mean

wdbc · Histograma: compactness_mean
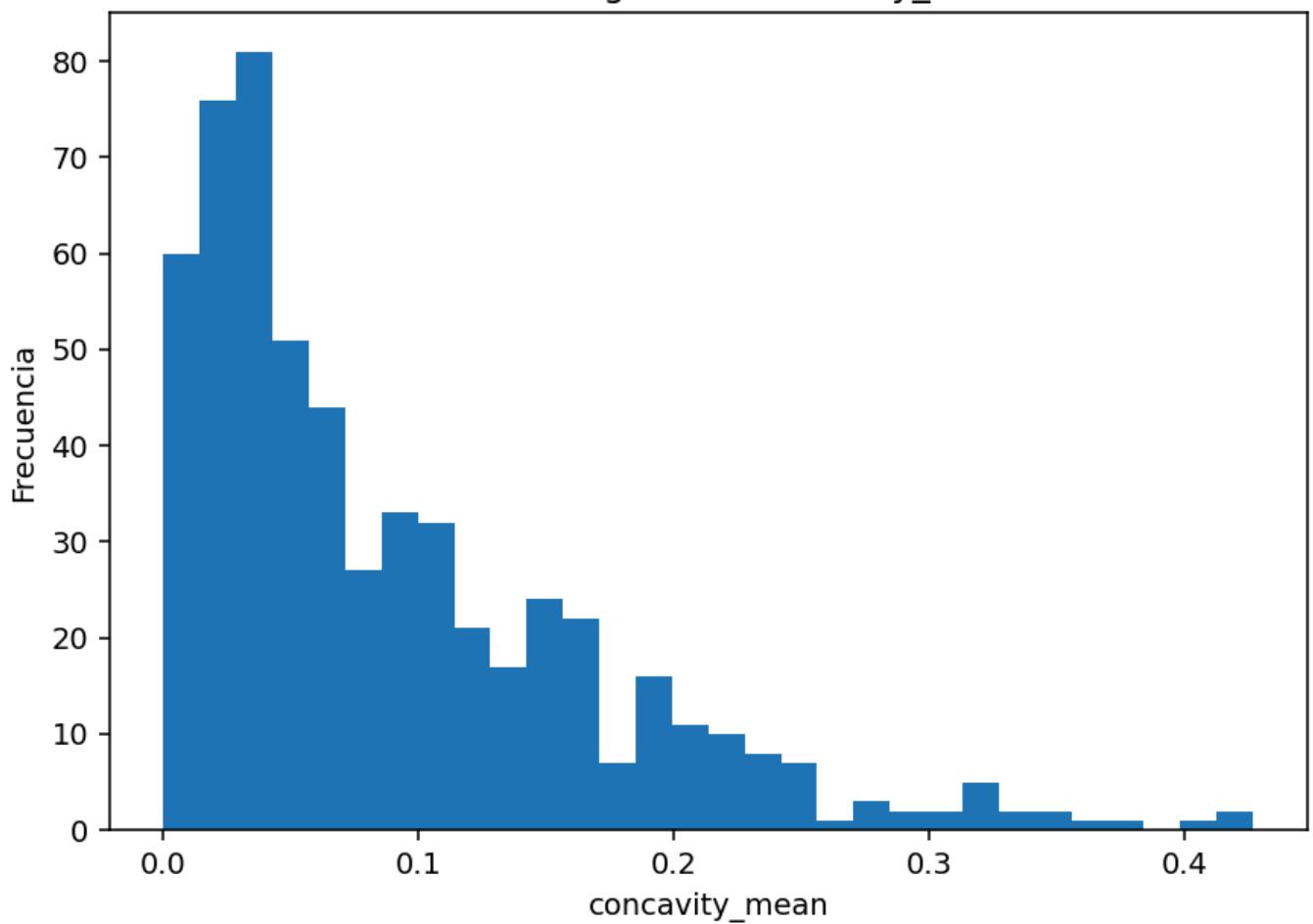
Boxplot: compactness_mean

wdbc · Boxplot: compactness_mean
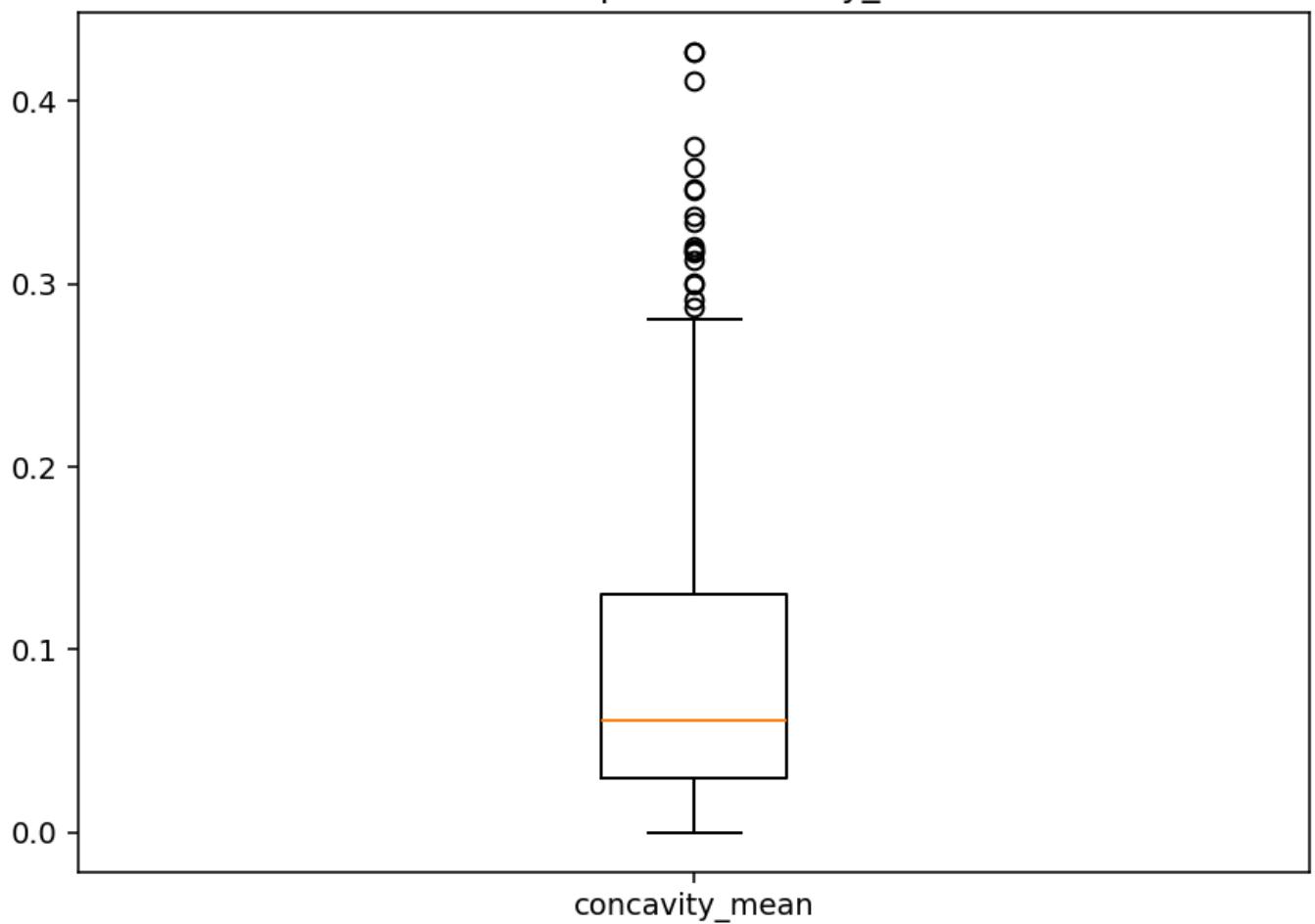
Histograma: concavity_mean

wdbc · Histograma: concavity_mean
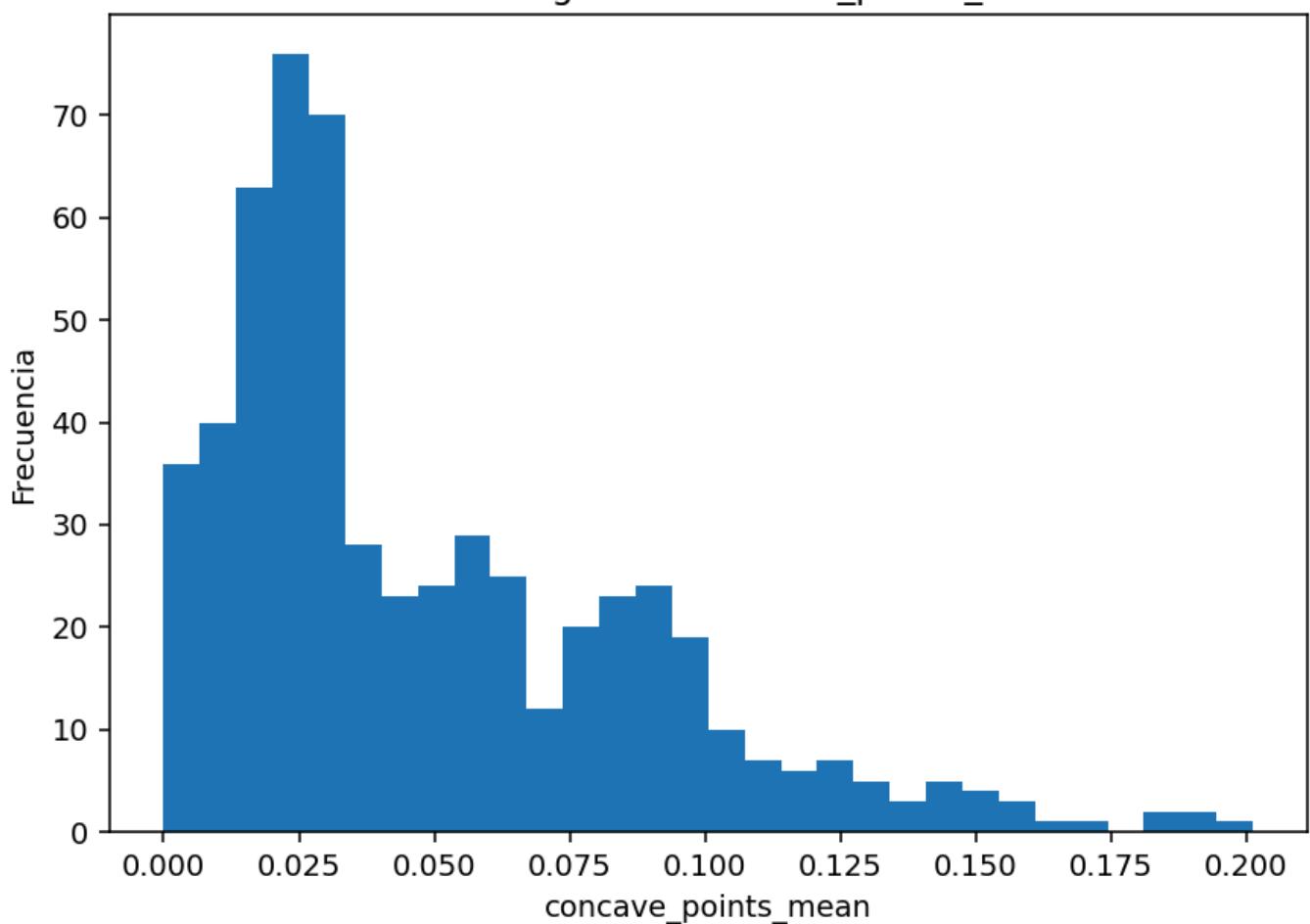
Boxplot: concavity_mean

wdbc · Boxplot: concavity_mean
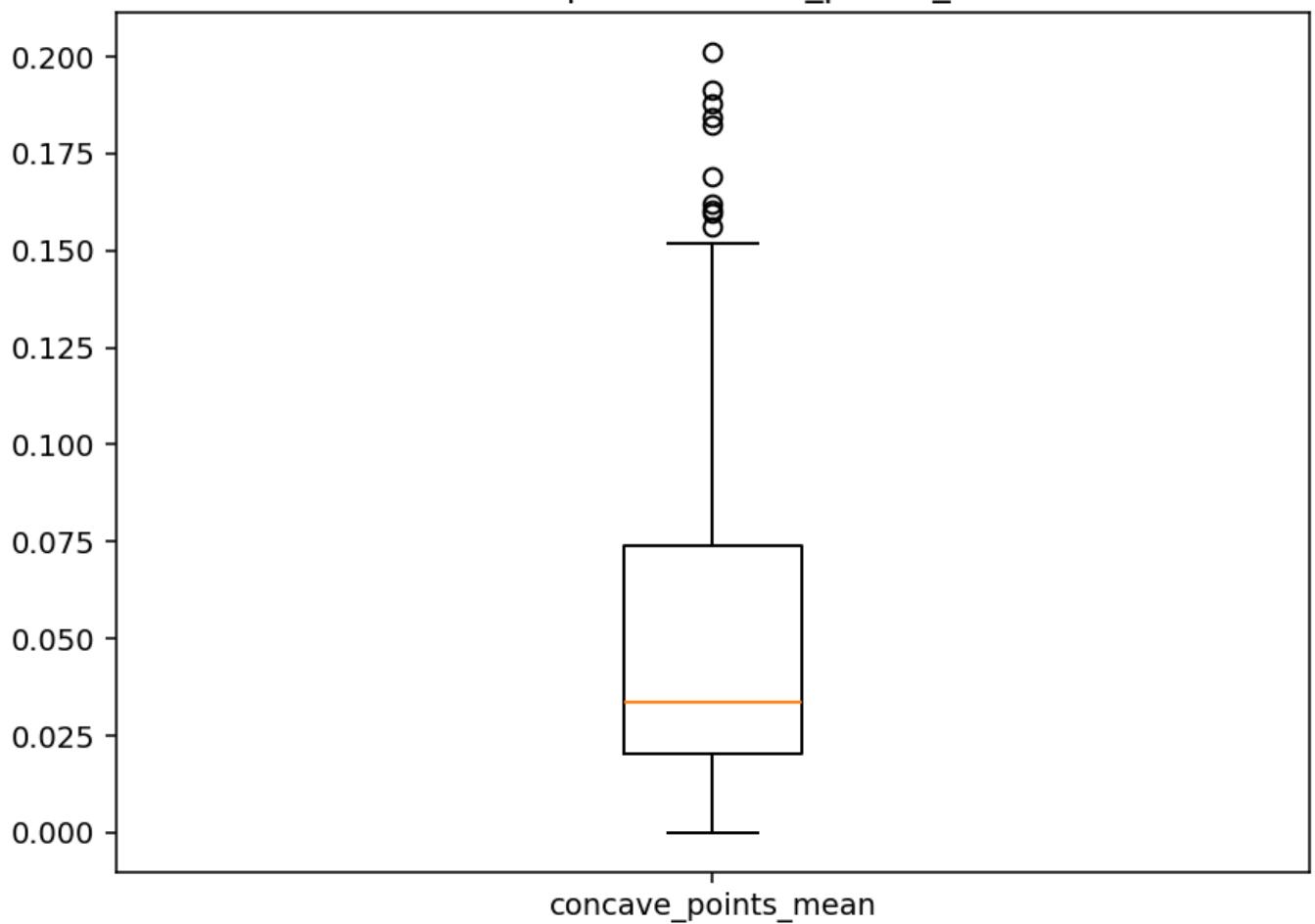
Histograma: concave_points_mean

wdbc · Histograma: concave_points_mean
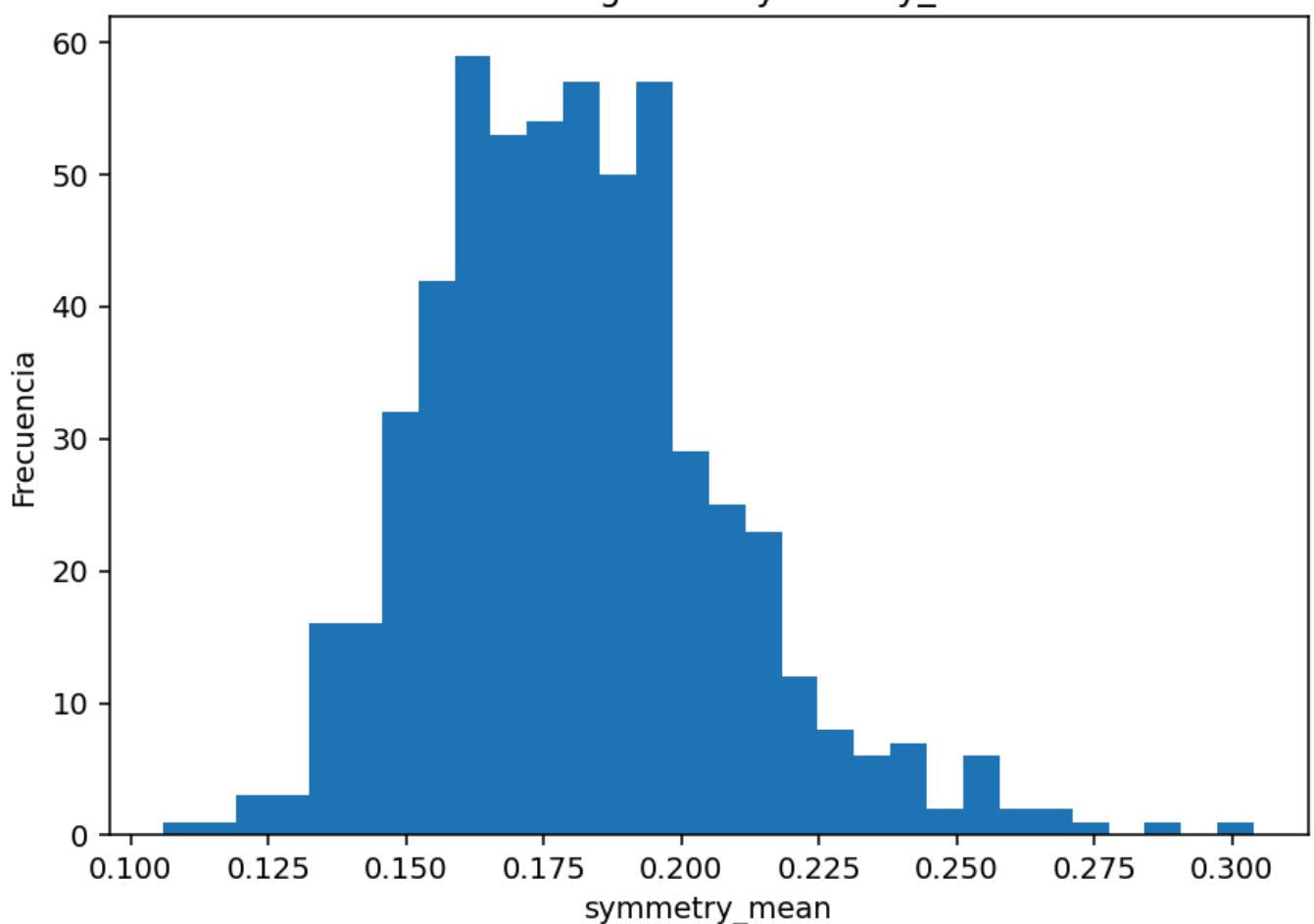
Boxplot: concave_points_mean

wdbc · Boxplot: concave_points_mean
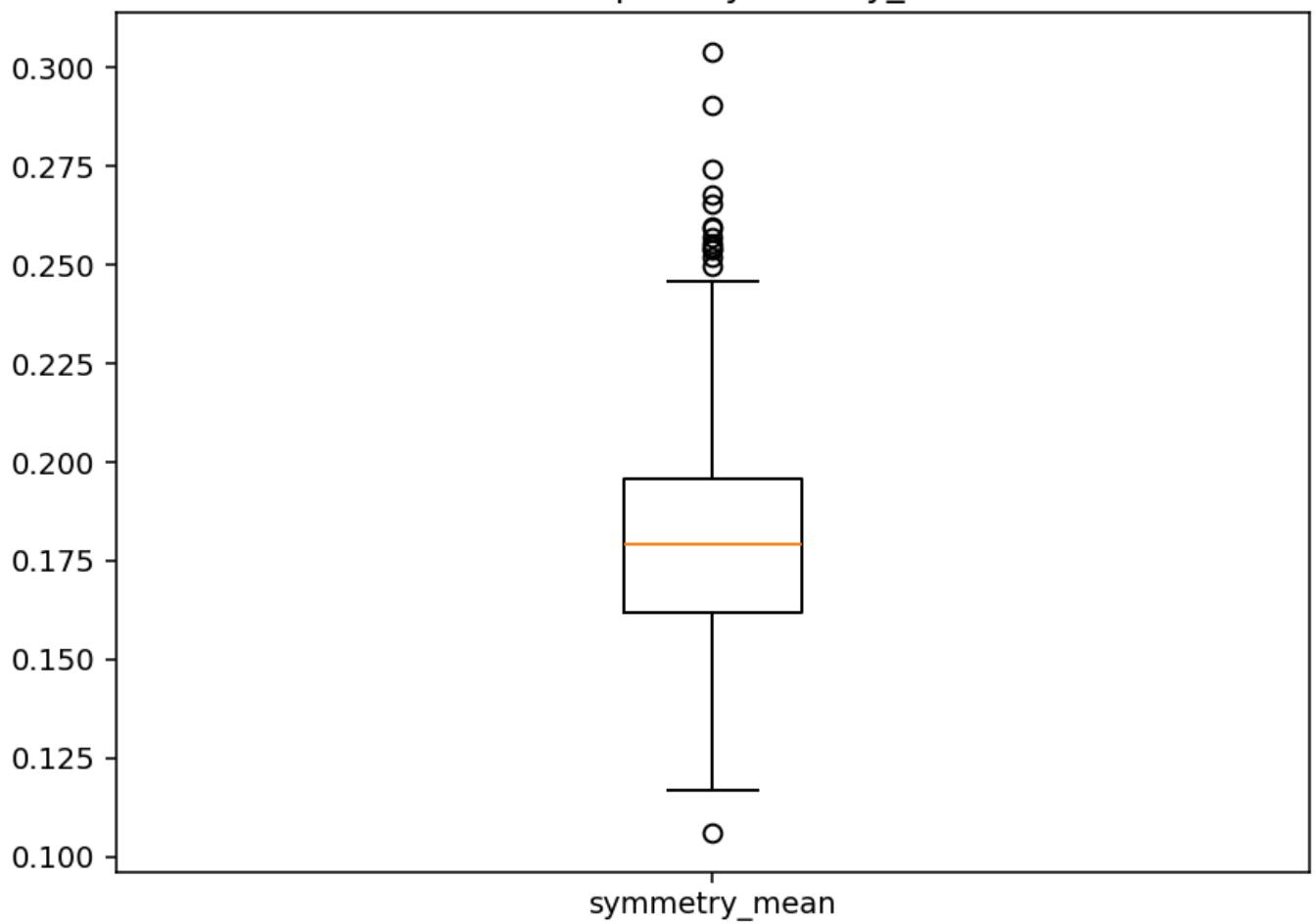
Histograma: symmetry_mean

wdbc · Histograma: symmetry_mean
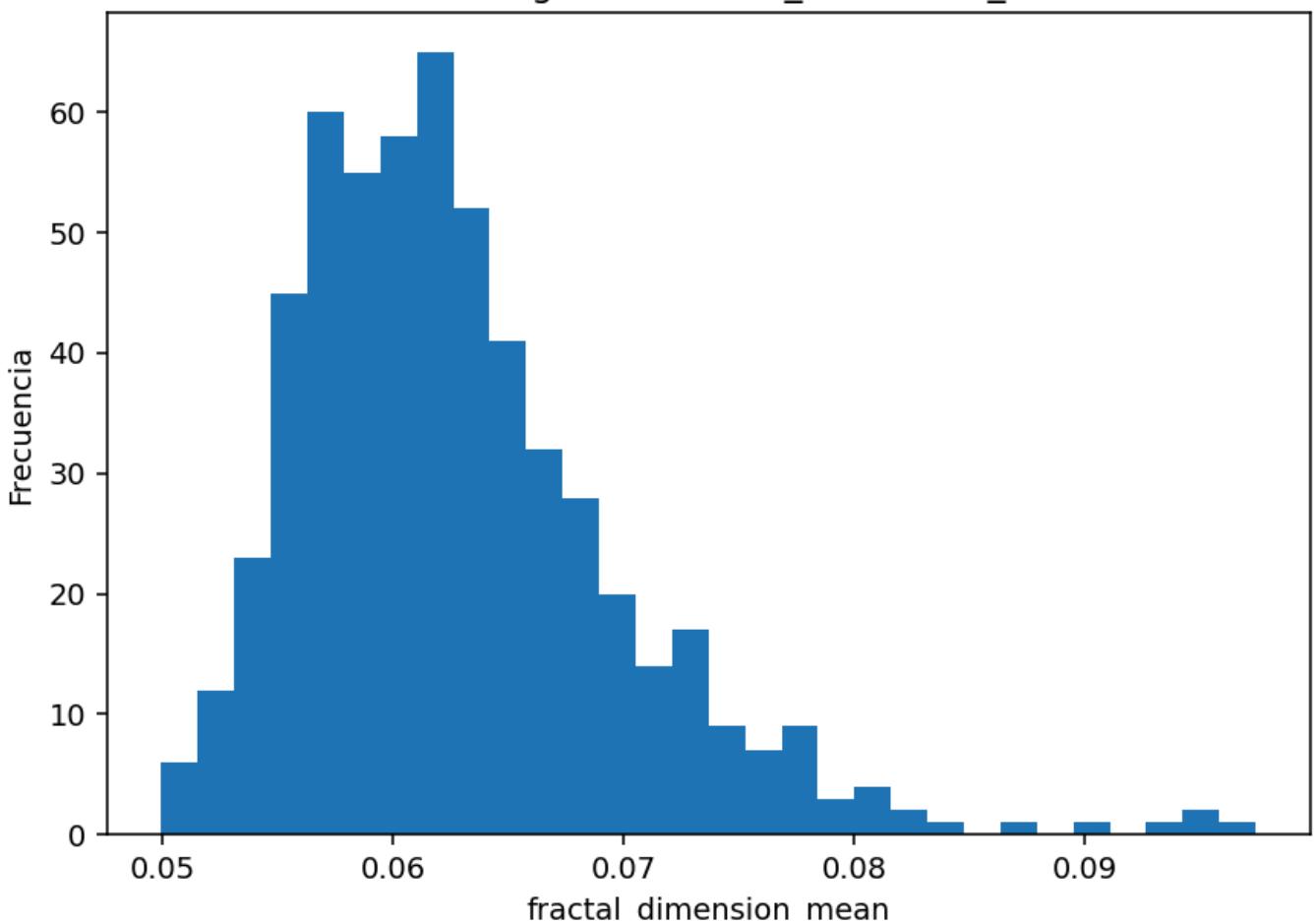
Boxplot: symmetry_mean

wdbc · Boxplot: symmetry_mean
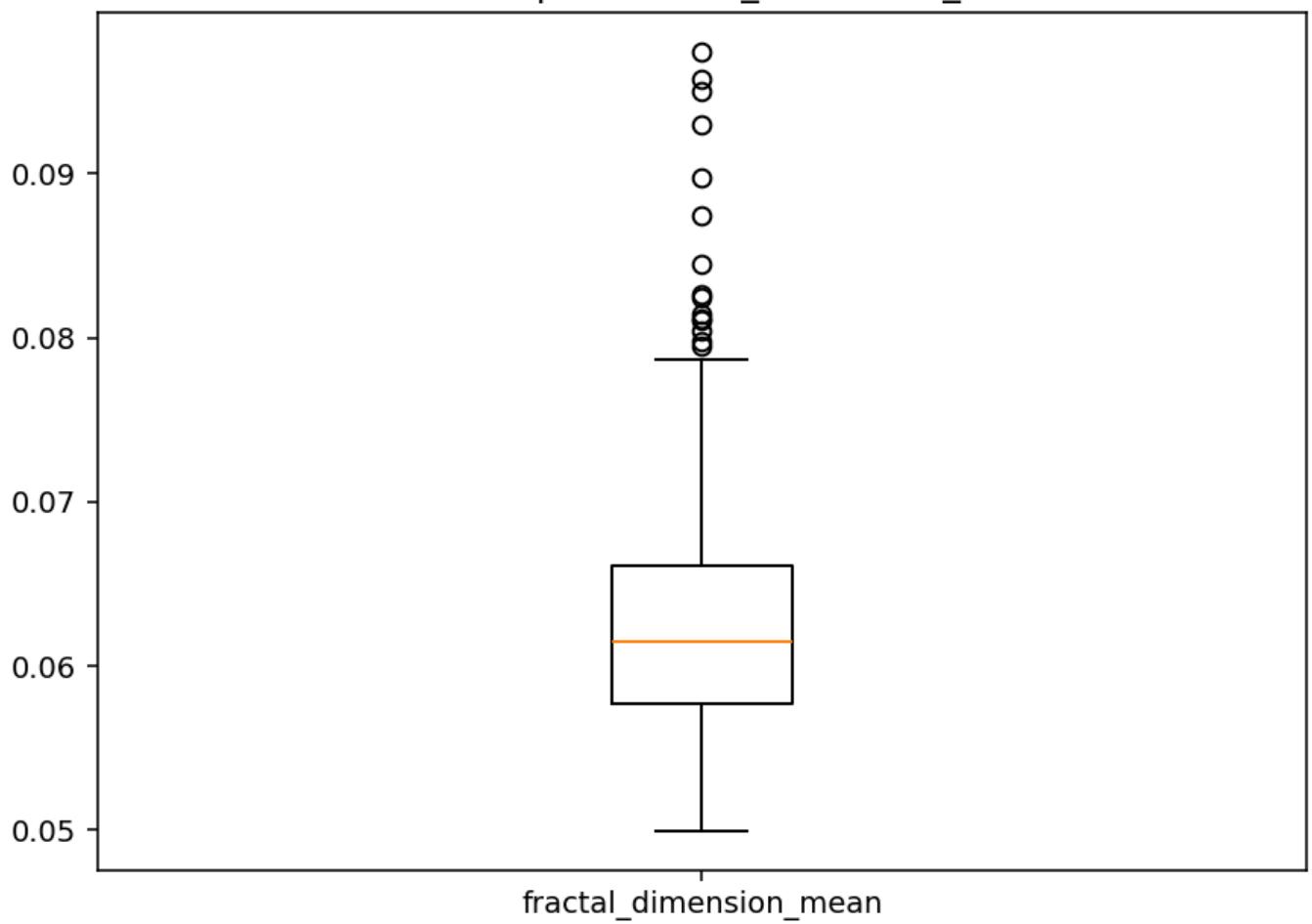
Histograma: fractal_dimension_mean

wdbc · Histograma: fractal_dimension_mean
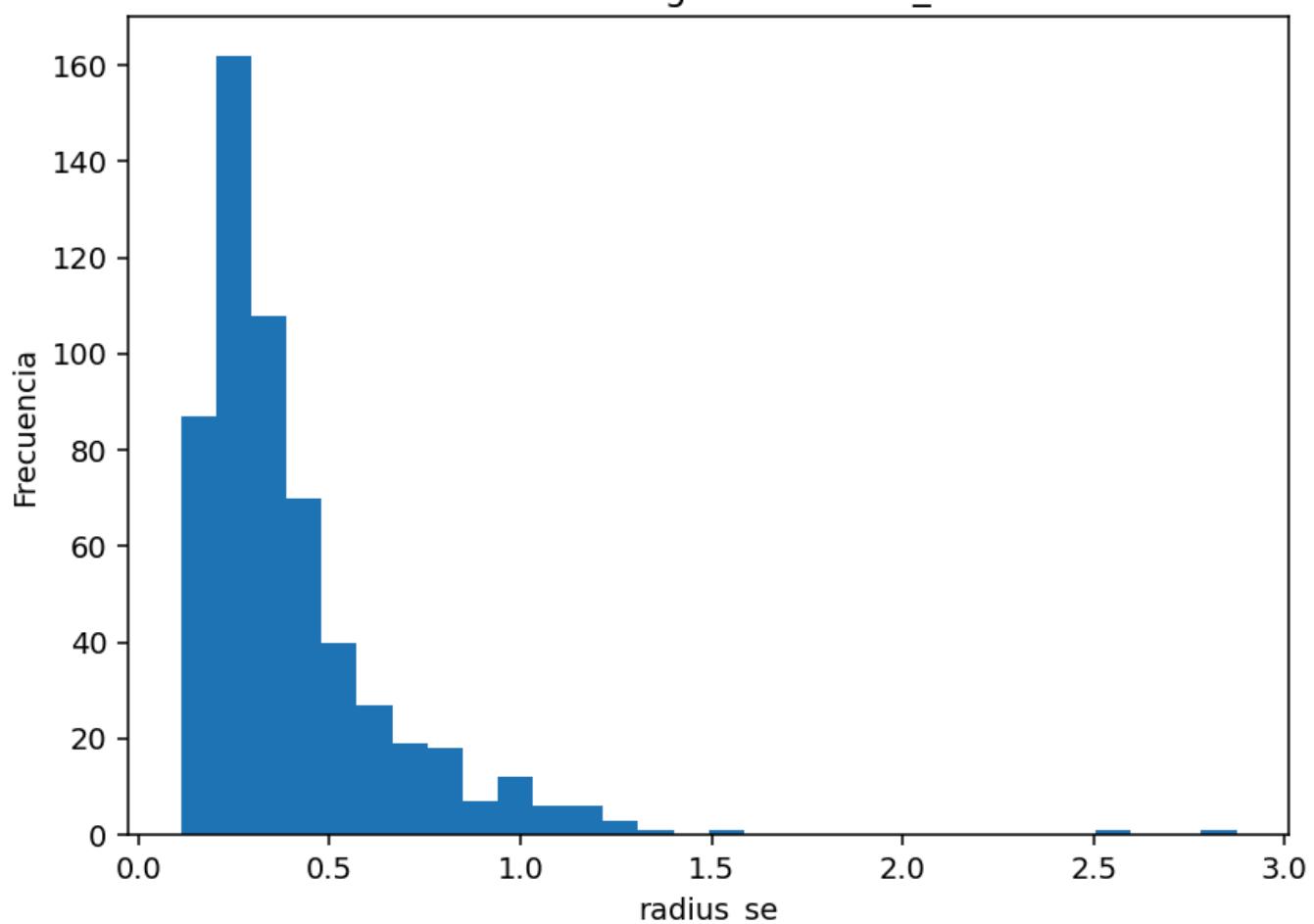
Boxplot: fractal_dimension_mean

wdbc · Boxplot: fractal_dimension_mean
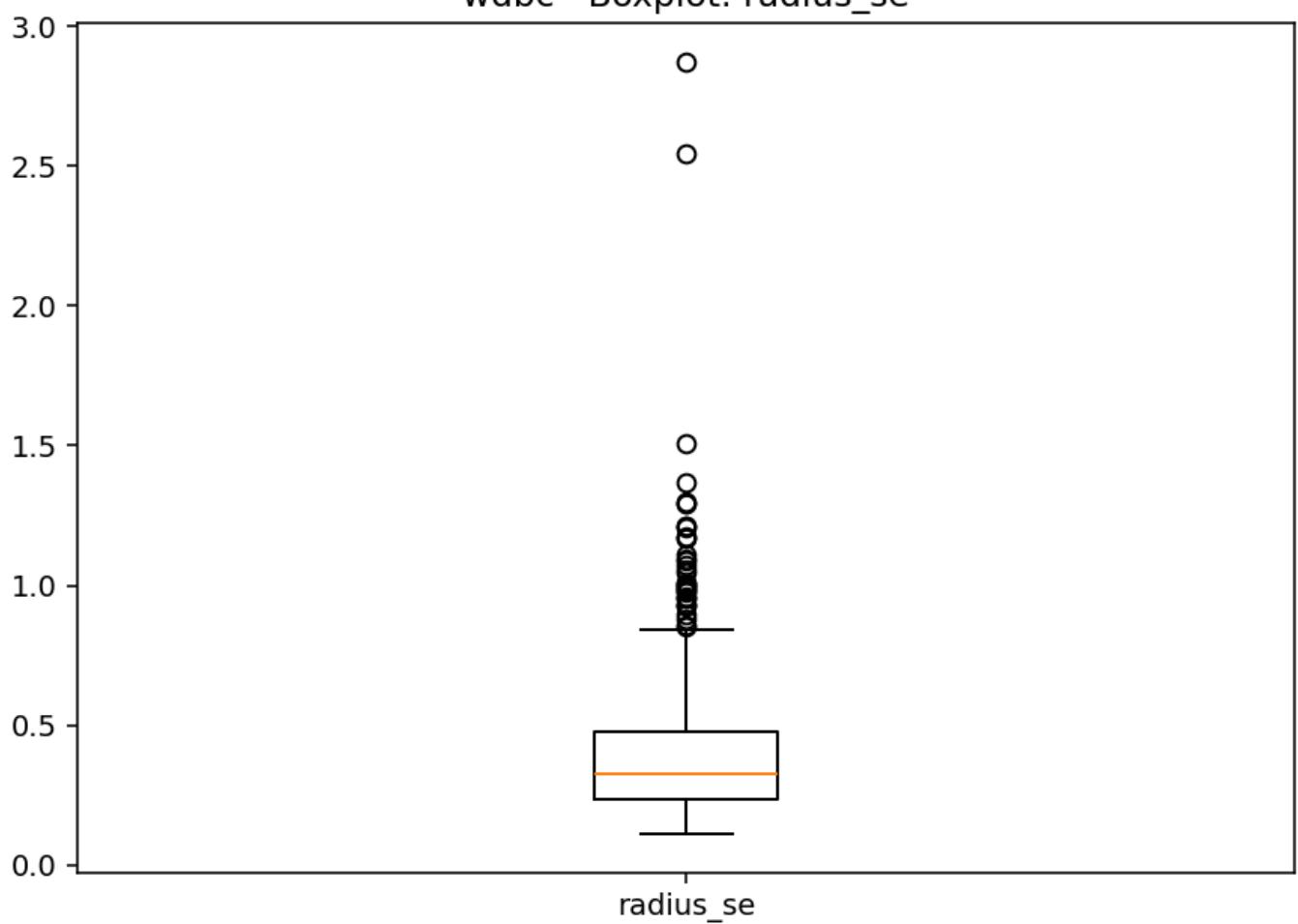
Histograma: radius_se

wdbc · Histograma: radius_se
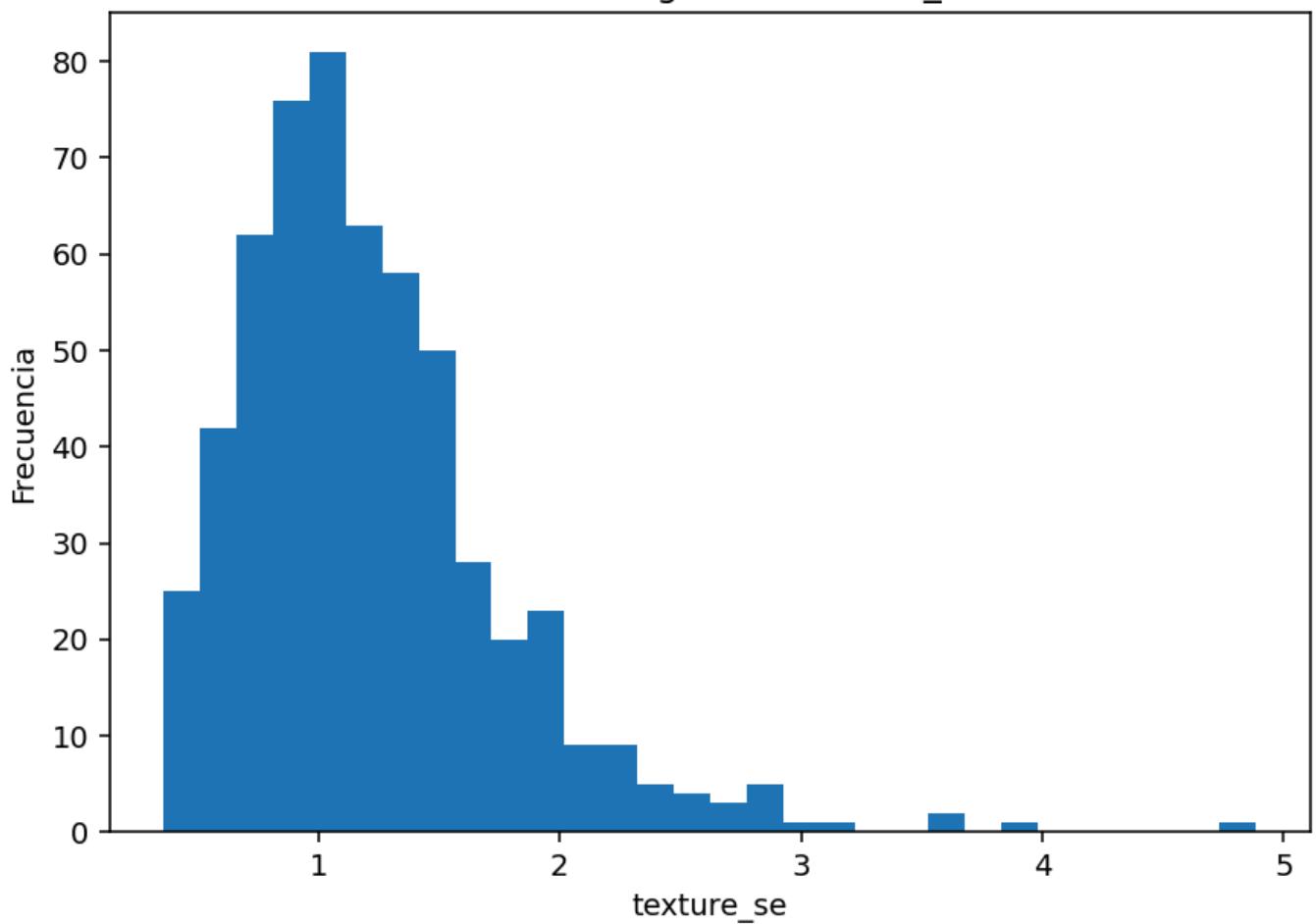
Boxplot: radius_se

wdbc · Boxplot: radius_se
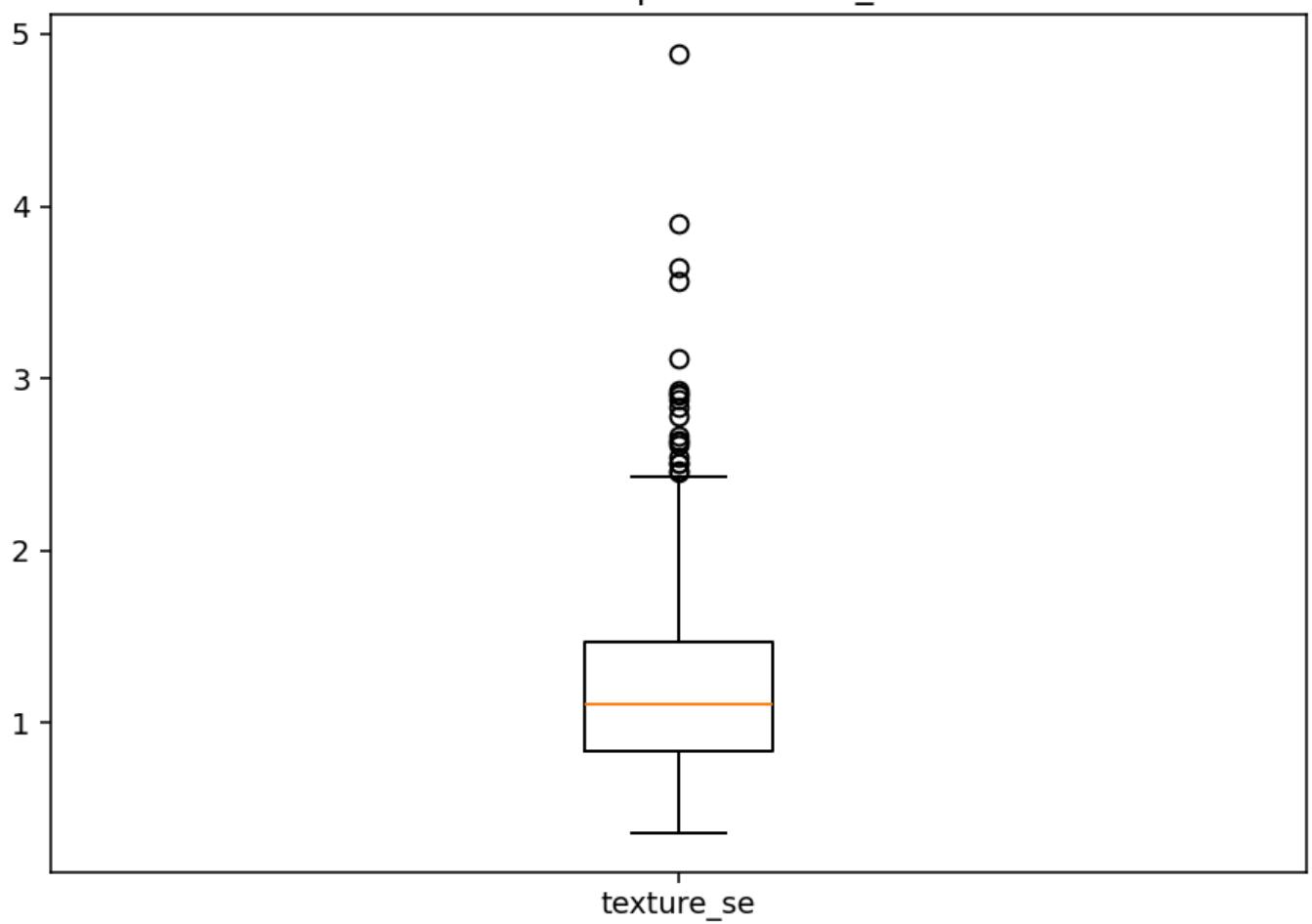
**Histograma: texture_se**

wdbc · Histograma: texture_se

Boxplot: texture_se

wdbc · Boxplot: texture_se

Matriz de correlaciones

wdbc · Matriz de correlaciones (Pearson)