Vertebral Column

Donated on 8/8/2011

Data set containing values for six biomechanical features used to classify orthopaedic patients into 3 classes (normal, disk hernia or spondilolysthesis) or 2 classes (normal or abnormal).

Dataset Characteristics
Multivariate

Subject Area
Health and Medicine

Associated Tasks
Classification

Feature Type
Real

 # Instances
310

 # Features
6

Dataset Information

Additional Information
Biomedical data set built by Dr. Henrique da Mota during a medical residence period in the Group of Applied Research in Orthopaedics (GARO) of the Centre MÃ©dico-Chirurgical de RÃ©adaptation des Massues, Lyon, France. The data have been organized in two different but...

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Has Missing Values?
No

Variables Table

Variable Name	Role	Type	Description	Units	Missing Values
pelvic_tilt	Feature	Continuous			no
lumbar_lordosis_angle	Feature	Continuous			no
sacral_slope	Feature	Continuous			no
pelvic_radius	Feature	Continuous			no
degree_spondylolisthesis	Feature	Continuous			no
class	Target	Categorical			no

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Additional Variable Information

Each patient is represented in the data set by six biomechanical attributes derived from the shape and orientation of the pelvis and lumbar spine (in this order): pelvic incidence, pelvic tilt, lumbar lordosis angle, sacral slope, pelvic radius and grade of spondylolisthesis. The following...

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Papers Citing this Dataset

SORT BY YEAR, DESC

Data Poisoning against Differentially-Private Learners: Attacks and Defenses
By Yuzhe Ma, Xiaojin Zhu, Justin Hsu. 2019
Published in ArXiv.

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There are no reviews for this dataset yet.

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1 citations

14321 views

Creators

Guilherme Barreto

Ajalmar Neto

DOI

10.24432/C5K89B

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