**Geometrical based Features**

* Tibial Width (mm): The measurement of the width of the tibia bone in millimeters.
* JSN Avg V. Distance (Pixel): Average vertical distance (in pixels) related to joint space narrowing.
* JSN Avg V. Distance (mm): Average vertical distance (in millimeters) related to joint space narrowing.
* Medial\_distance (Pixel): Pixel-based measurement of distance from a reference point to the medial side.
* Central\_distance (Pixel): Pixel-based measurement of distance from a reference point to the central side.
* Lateral\_distance (Pixel): Pixel-based measurement of distance from a reference point to the lateral side.
* Medial\_distance (mm): Measurement of distance from a reference point to the medial side in millimeters.
* Central\_distance (mm): Measurement of distance from a reference point to the central side in millimeters.
* Lateral\_distance (mm): Measurement of distance from a reference point to the lateral side in millimeters.
* Tibial\_Medial\_ratio: Ratio of tibial width to medial distance.
* Tibial\_Central\_ratio: Ratio of tibial width to central distance.
* Tibial\_Lateral\_ratio: Ratio of tibial width to lateral distance.
* JSN Area (Squared Pixel): Area of joint space narrowing in squared pixels.
* JSN Area (Squared mm): Area of joint space narrowing in squared millimeters.
* Medial Area (Squared Pixel): Area of joint space narrowing in the medial region in squared pixels.
* Central Area (Squared Pixel): Area of joint space narrowing in the central region in squared pixels.
* Lateral Area (Squared Pixel): Area of joint space narrowing in the lateral region in squared pixels.
* Medial Area (Squared mm): Area of joint space narrowing in the medial region in squared millimeters.
* Central Area (Squared mm): Area of joint space narrowing in the central region in squared millimeters.
* Lateral Area (Squared mm): Area of joint space narrowing in the lateral region in squared millimeters.
* Medial Area (JSN Ratio): Ratio of medial area affected by joint space narrowing.
* Central Area (JSN Ratio): Ratio of central area affected by joint space narrowing.
* Lateral Area (JSN Ratio): Ratio of lateral area affected by joint space narrowing.
* Medial Area Ratio TWPA (%): Percentage of medial area affected by tibial width per area.
* Central Area Ratio TWPA (%): Percentage of central area affected by tibial width per area.
* Lateral Area Ratio TWPA (%): Percentage of lateral area affected by tibial width per area.