

Supplementary Table S1:

Brückl classification (Brückl, 1979):

- I. Hypoplasia of intervertebral disk. Arches and spinous process remain free (1 Point)
- II. Hypoplasia of intervertebral disk. Fusion of arches (Spinous process fused or free) (2 Points)
- III. Partial fusion of vertebral bodies (with/or without residual disk) (3 Points)
 - a. Arches and spinous process remain free
 - b. Arches fused, spinous process remains free
 - c. *One arch fused, one arch remains free*
- IV. Complete fusion of vertebral bodies (with or without residual disk). Arches and spinous processes fused (4 Points).