

Article

A novel modelling methodology which predicts the structural behaviour of vertebral bodies under axial impact loading: a finite element and DIC study.

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1. Supplementary Material

This section presents the remaining results for the calibration and validation models.

1.1. Quasi-Static Calibration Results - Load-Displacement curves

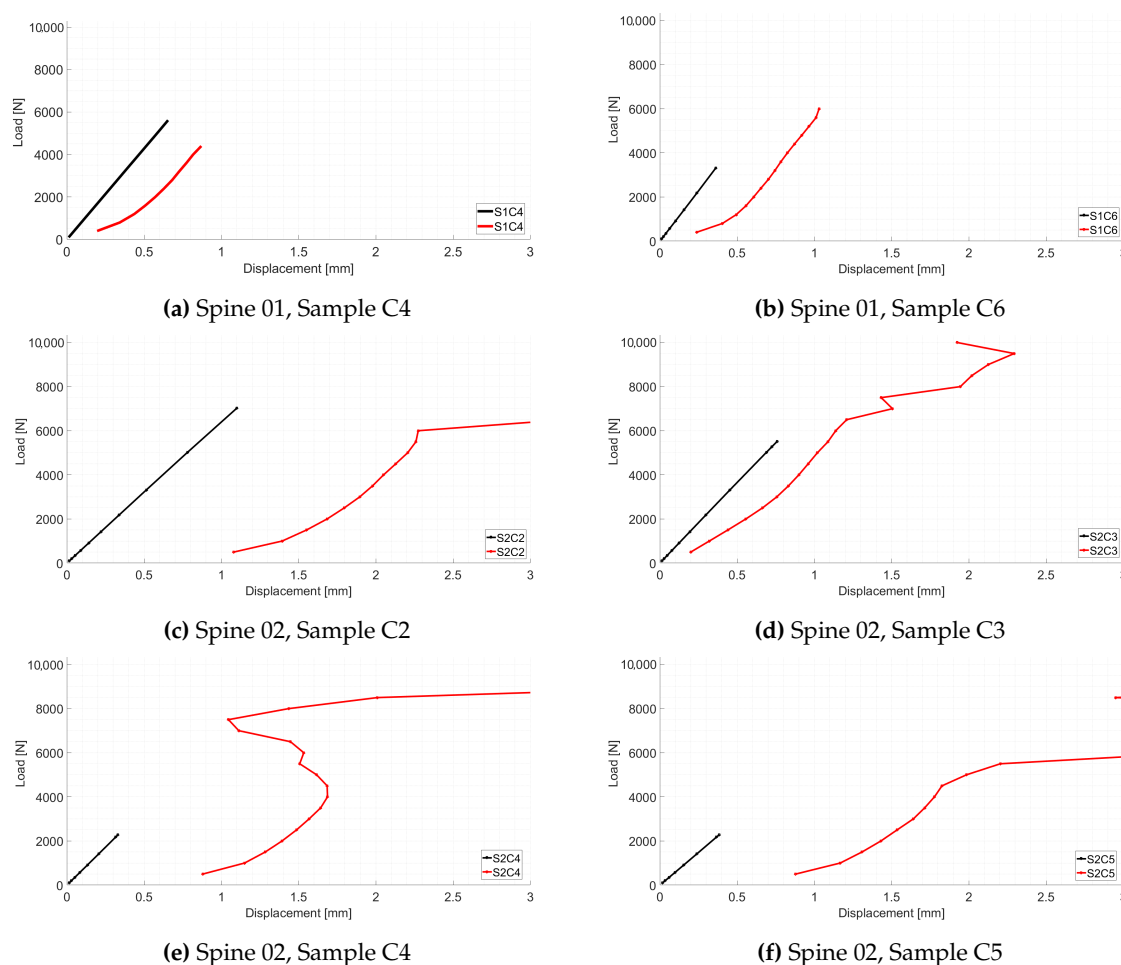


Figure 1. Load-Displacement curves from the calibration models. Red curves are the DIC/experimental results. Black curves are the numerical results.

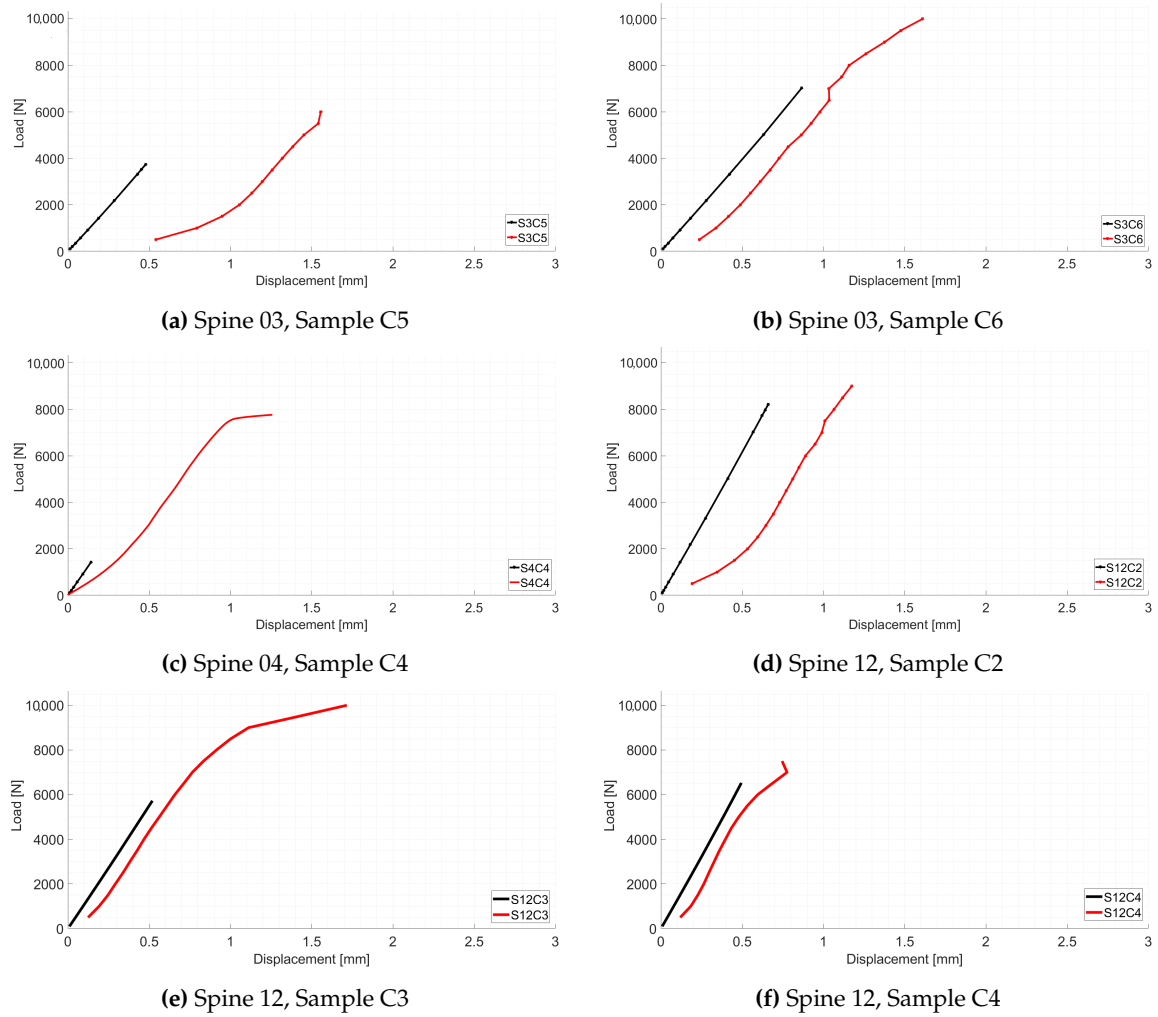


Figure 2. Load-Displacement curves from the calibration models. Red curves are the DIC/experimental results. Black curves are the numerical results.

1.2. Quasi-Static Validation Results - Load-Displacement curves

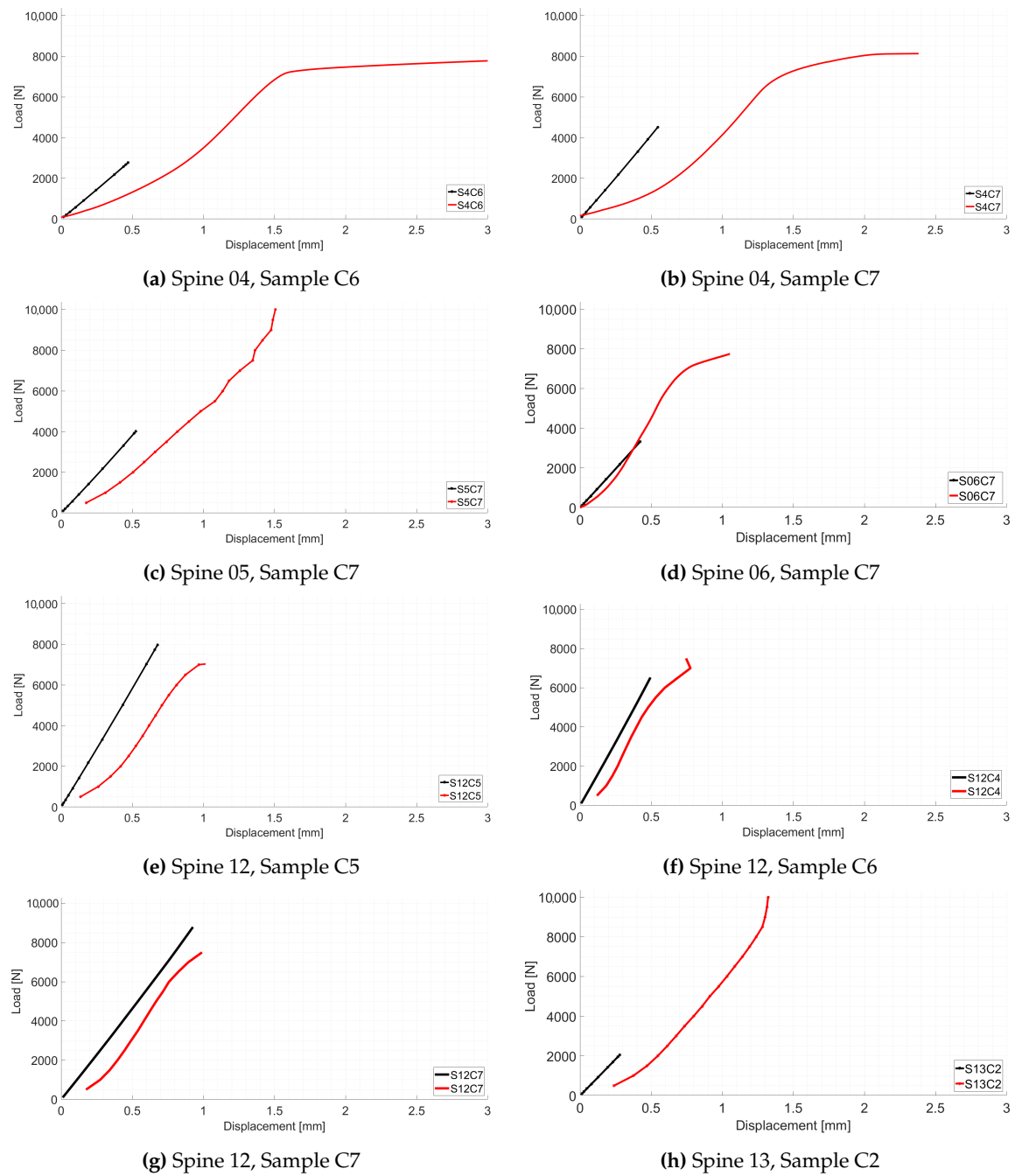


Figure 3. Load-Displacement curves from the validation models. Red curves are the DIC/experimental results. Black curves are the numerical results.

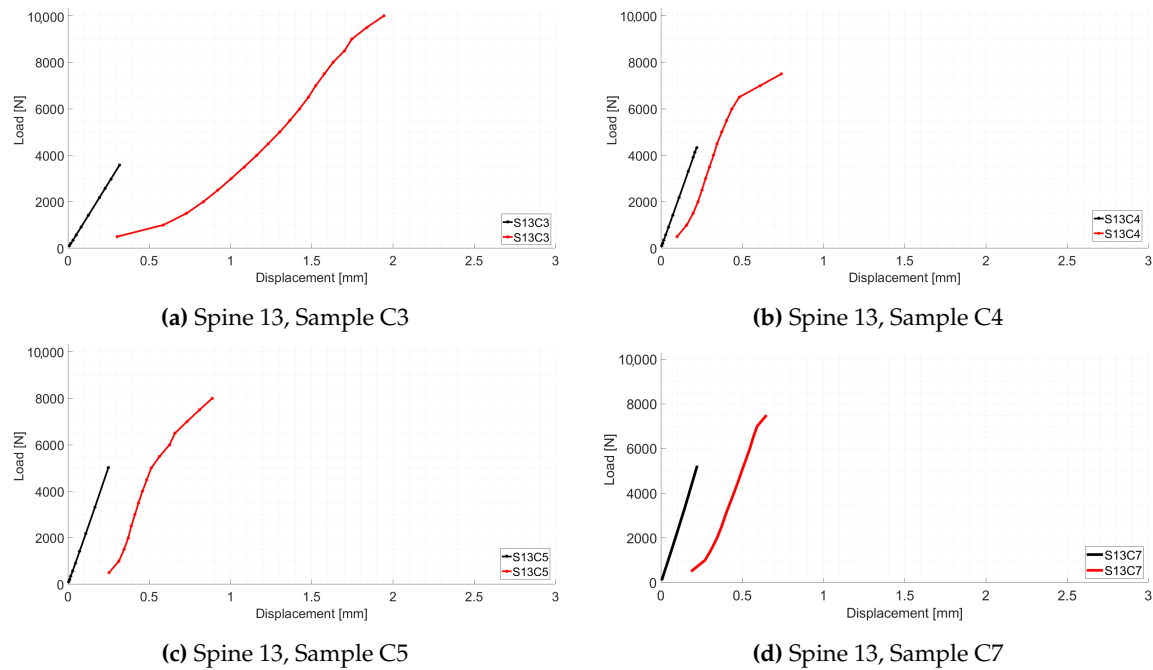


Figure 4. Load-Displacement curves from the validation models. Red curves are the DIC/experimental results. Black curves are the numerical results.

1.3. Dynamic Results - Load-Displacement curves

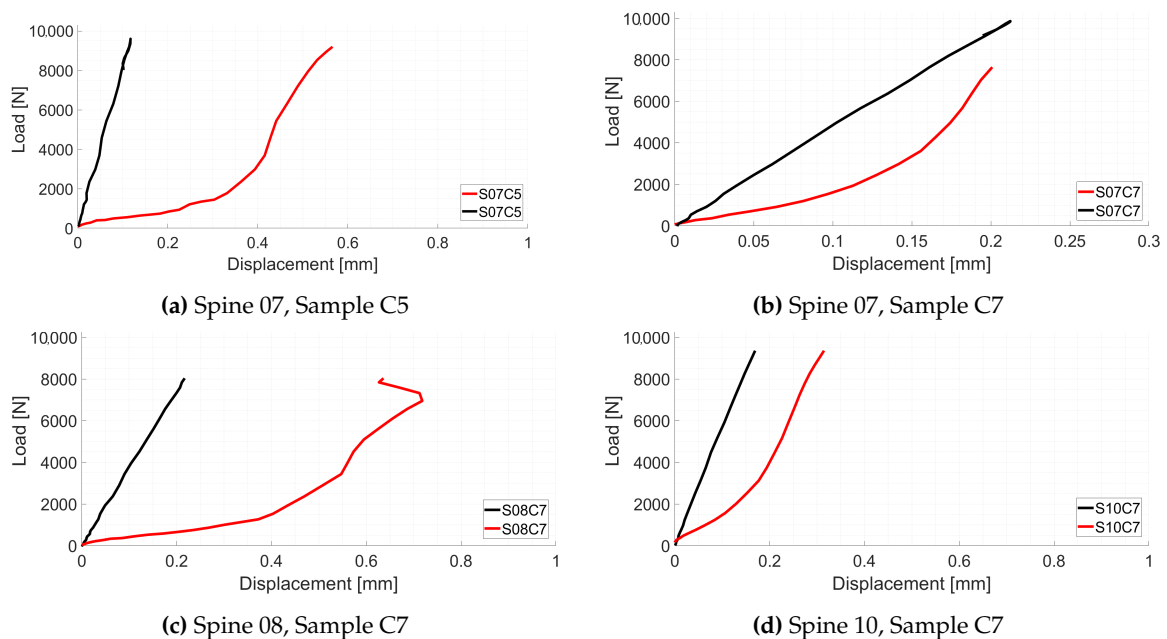


Figure 5. Load-Displacement curves from the dynamic models. Red curves are the DIC/experimental results. Black curves are the numerical results.