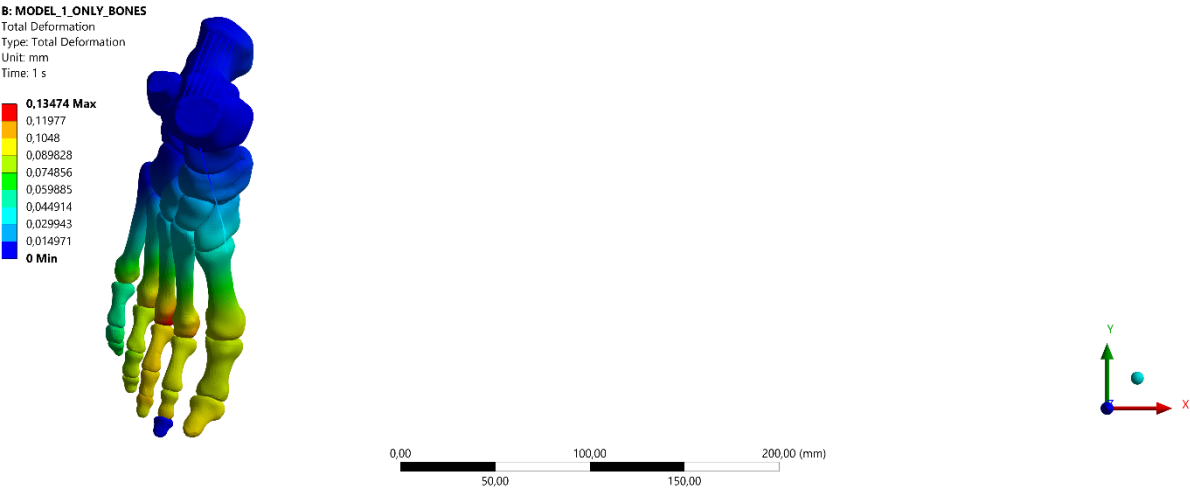
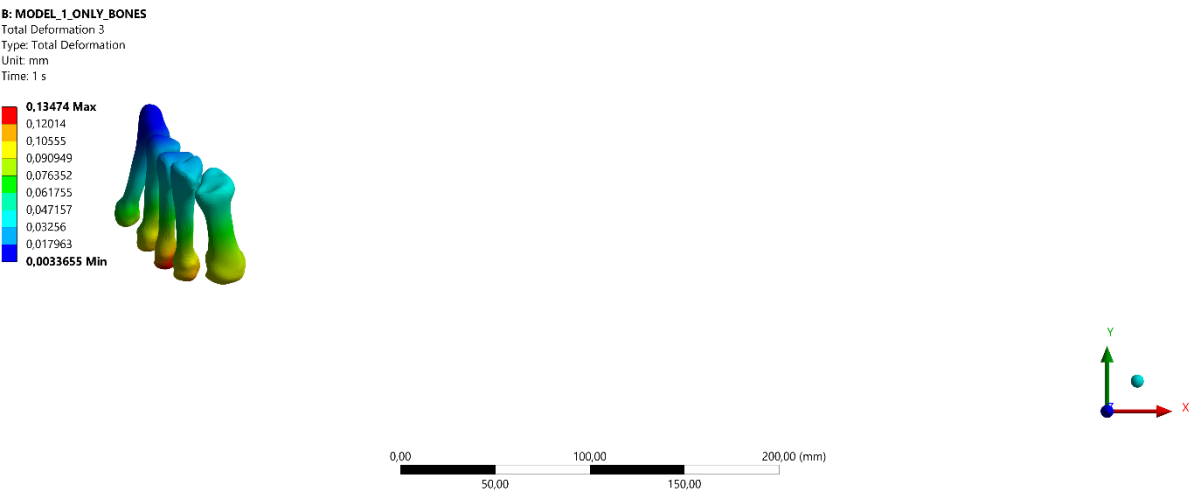


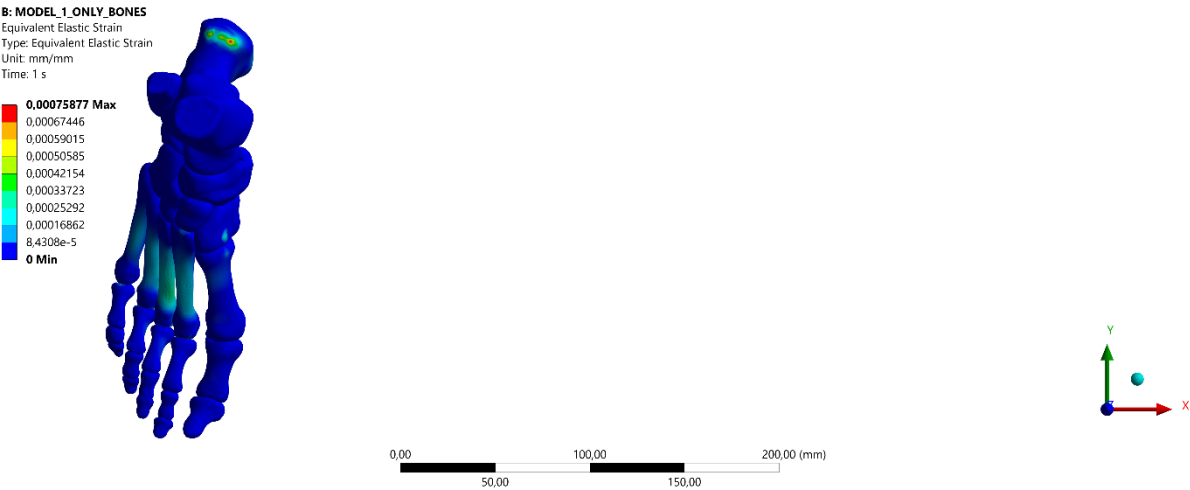
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 1. Deformation body.



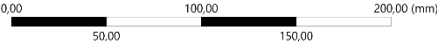
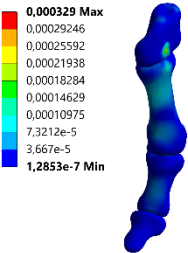
Type 1. Deformation metatars.



Type 1. Strain body.

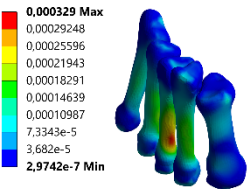
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).

B: MODEL_1_ONLY_BONES
Equivalent Elastic Strain 4
Type: Equivalent Elastic Strain
Unit: mm/mm
Time: 1 s



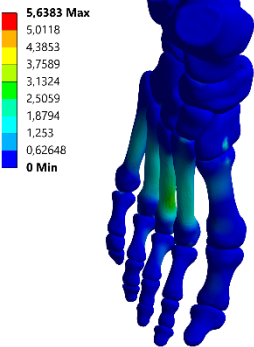
Type 1. Strain first bone.

B: MODEL_1_ONLY_BONES
Equivalent Elastic Strain 2
Type: Equivalent Elastic Strain
Unit: mm/mm
Time: 1 s



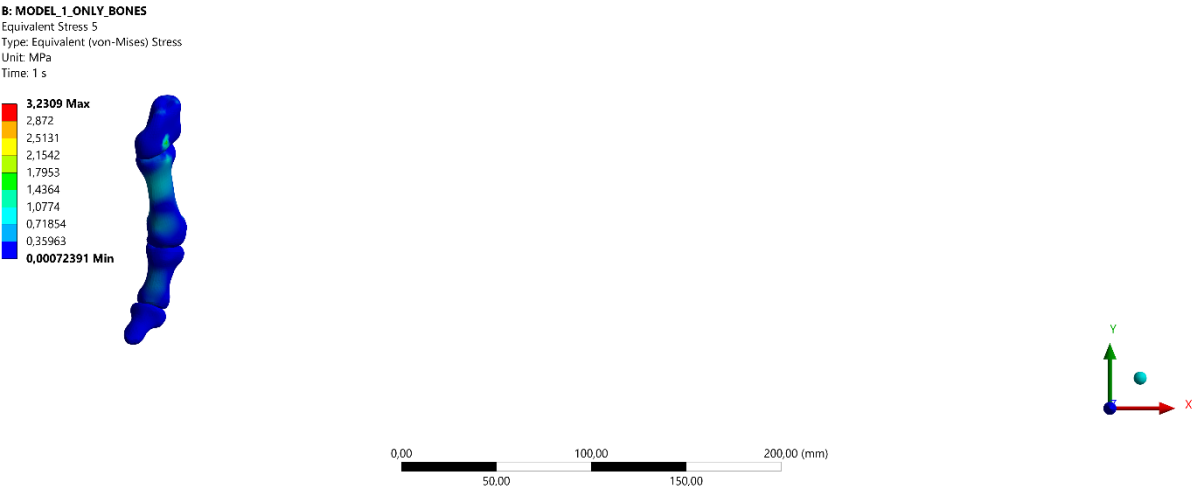
Type 1. Strain metatars.

B: MODEL_1_ONLY_BONES
Equivalent Stress
Type: Equivalent (von-Mises) Stress
Unit: MPa
Time: 1 s

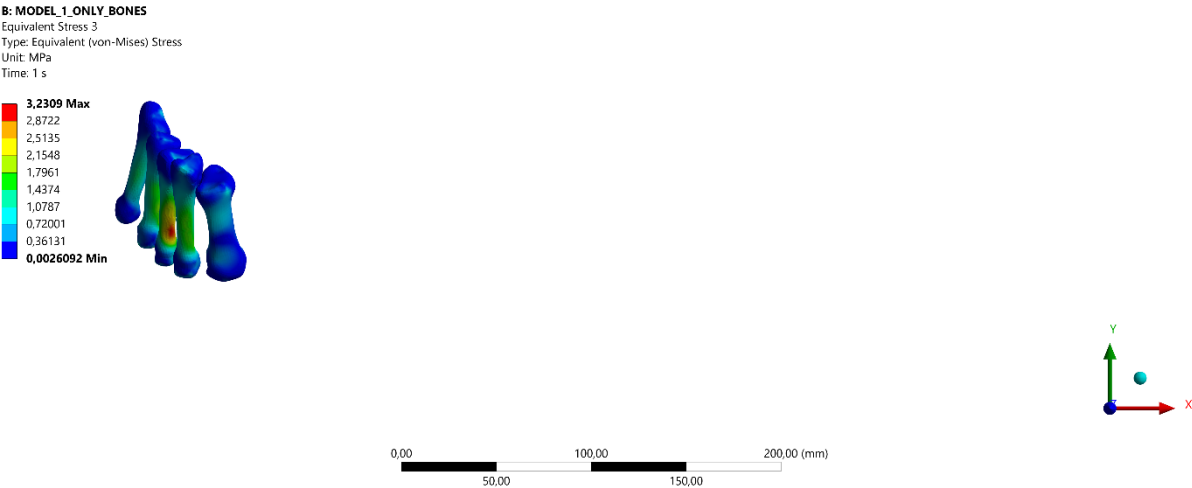


Type 1. Stress body.

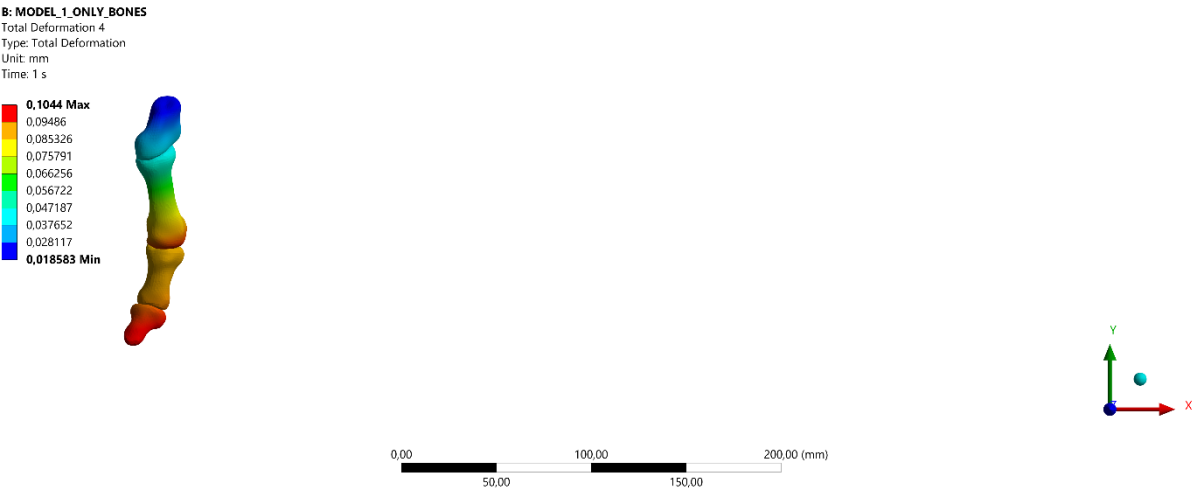
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 1. Stress first bone.

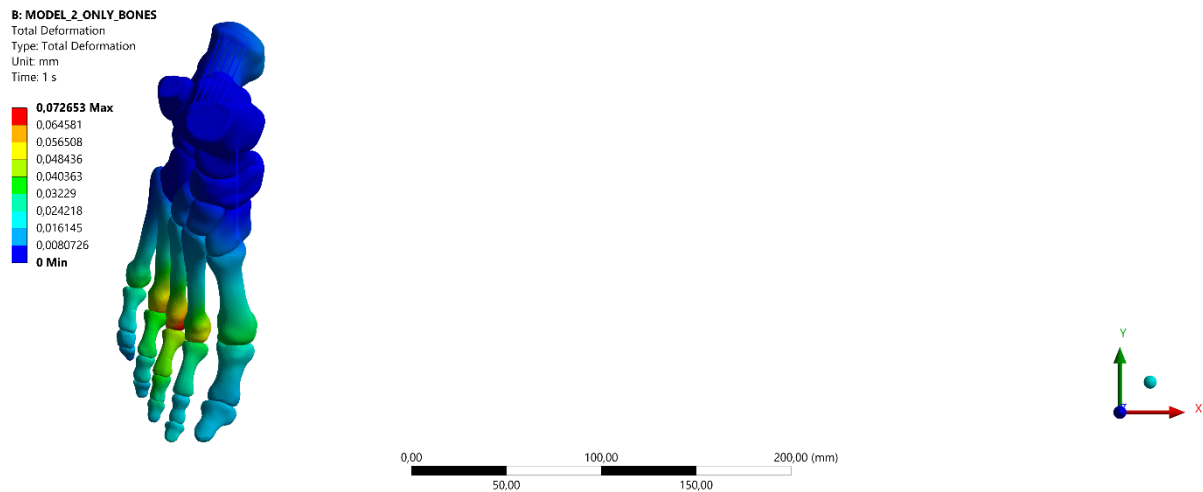


Type 1. Stress_metatars.

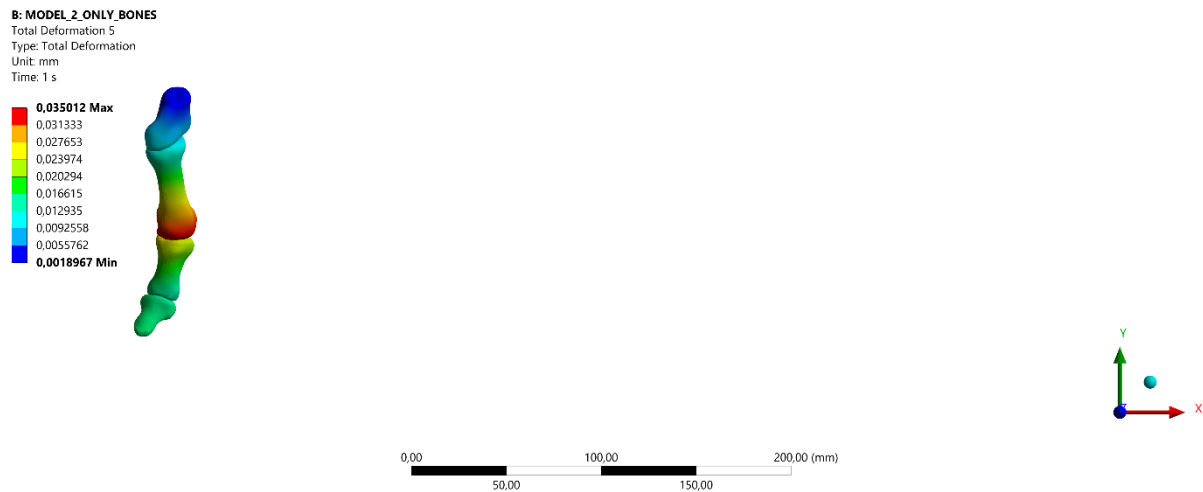


Type 1. Total deformation first bone.

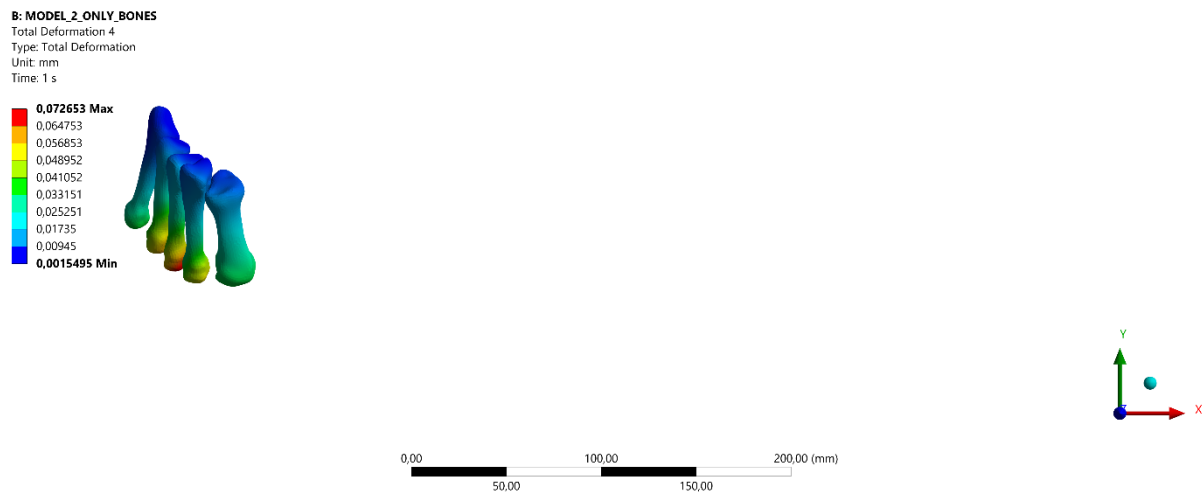
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 2. Deformation.

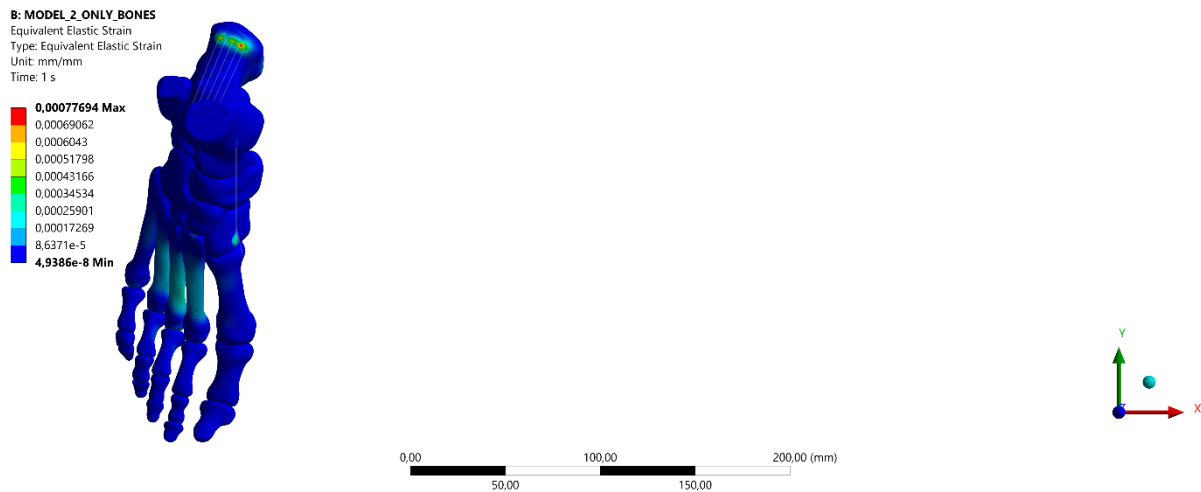


Type 2. Deformation first bone.

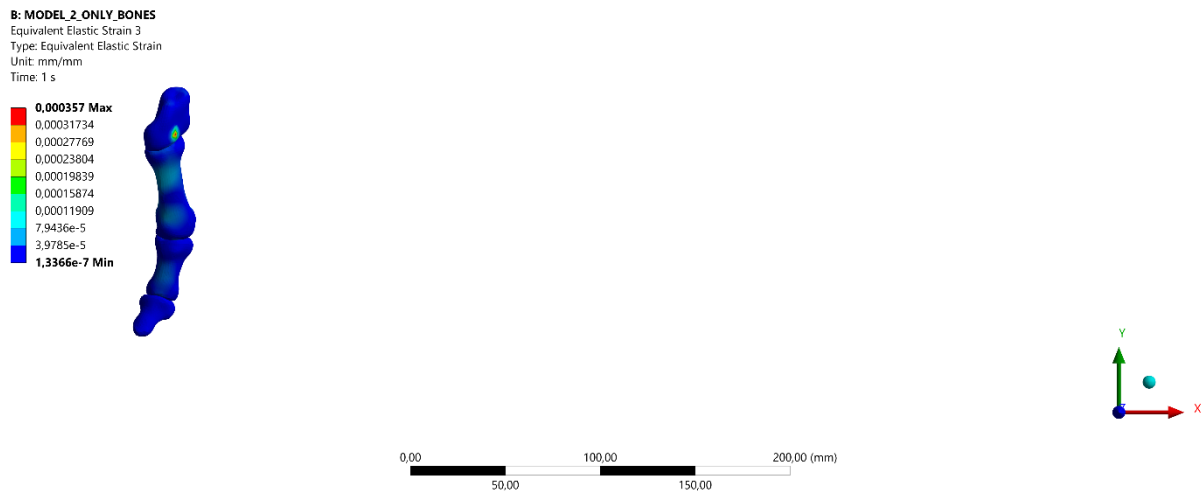


Type 2. Deformation metatars.

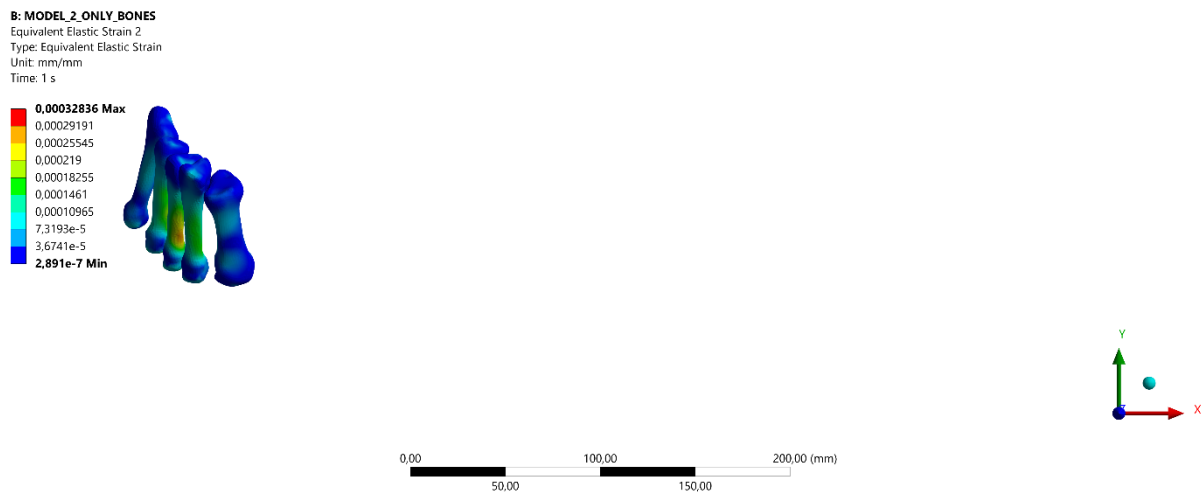
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 2. Strain.

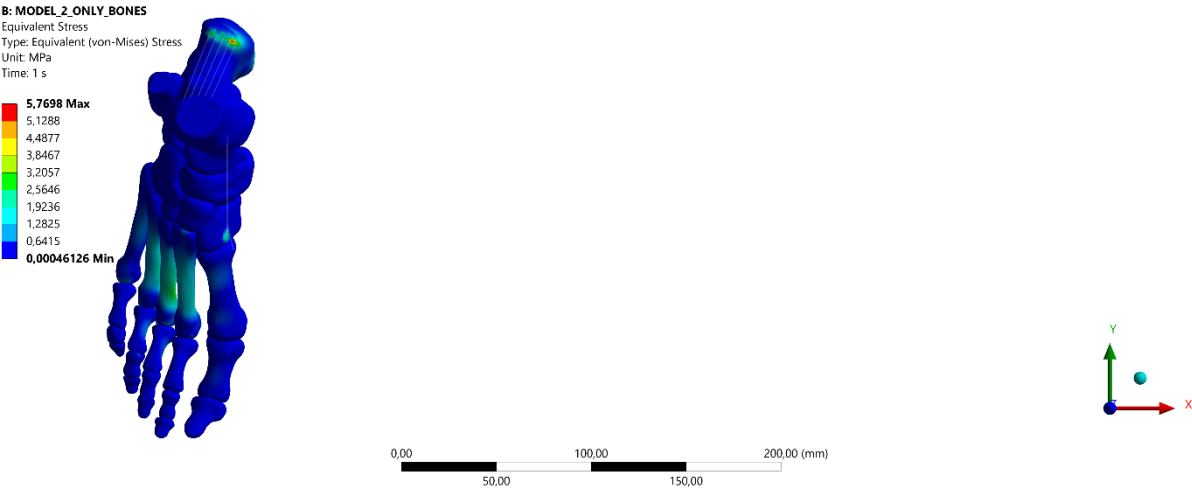


Type 2. Strain first bone.

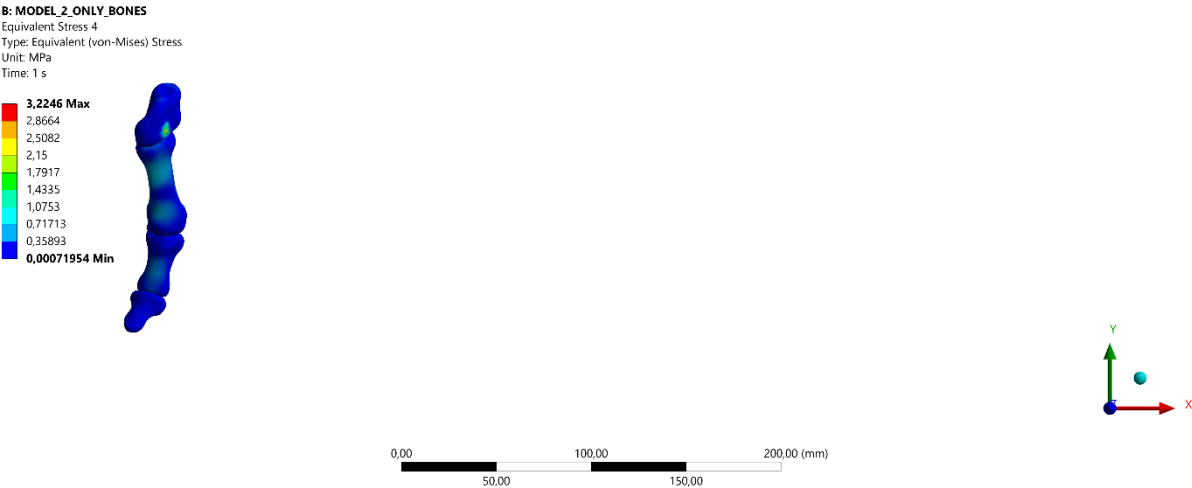


Type 2. Strain metatars.

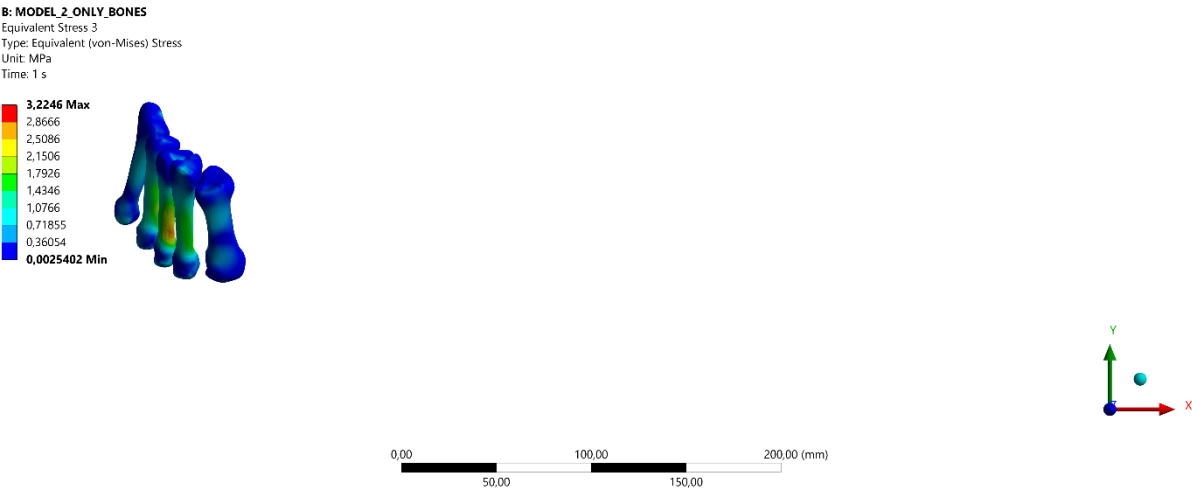
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 2. Stress.

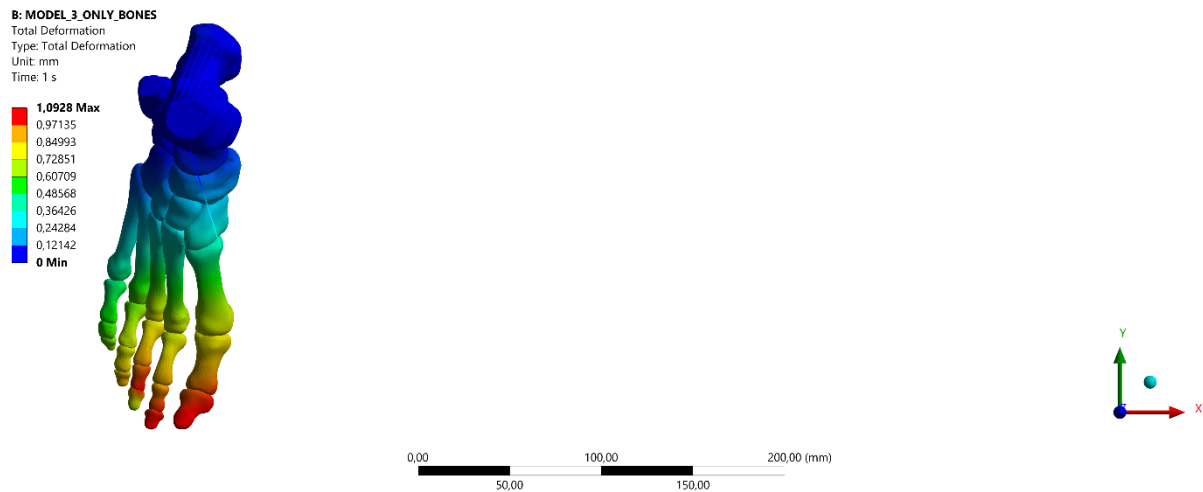


Type 2. Stress first bone.

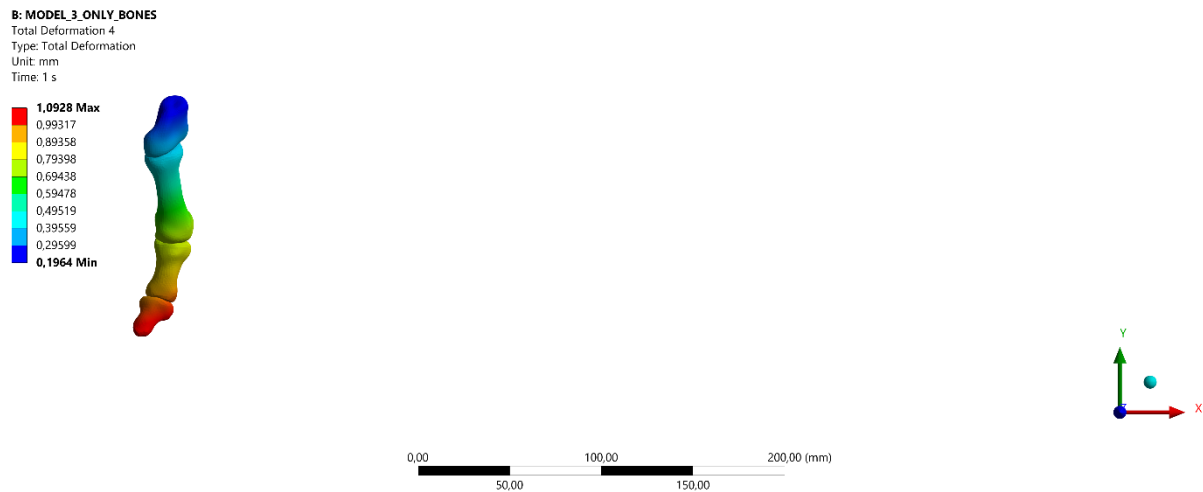


Type 2. Stress metatars.

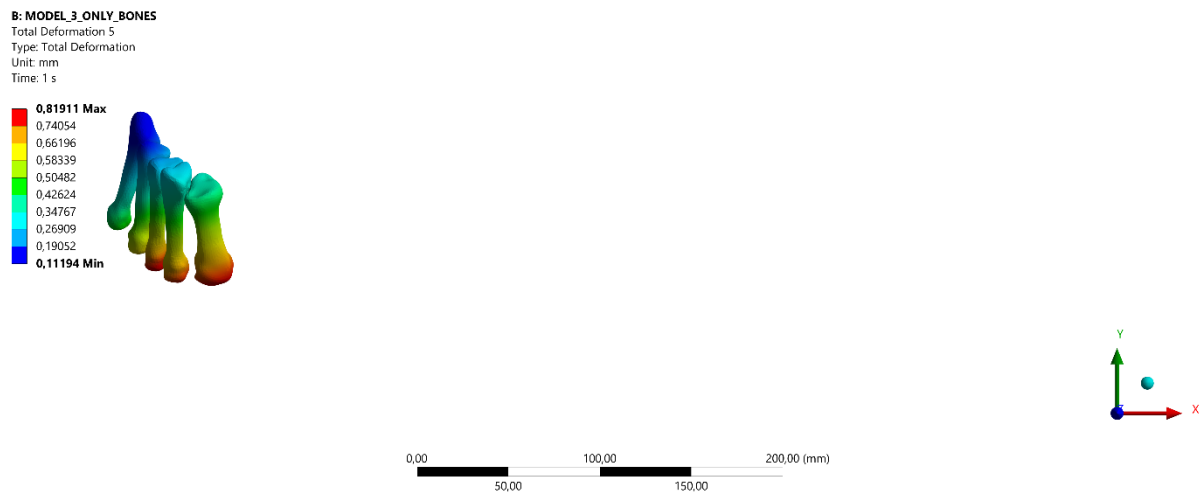
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 3. Deformation.



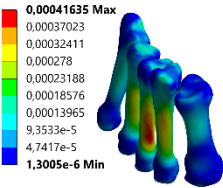
Type 3. Deformation first bone.



Type 3. Deformation metatars.

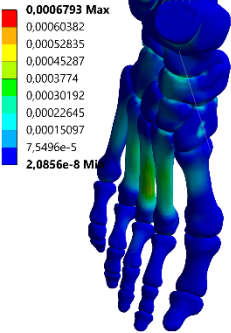
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).

B: MODEL_3_ONLY_BONES
Equivalent Elastic Strain 3
Type: Equivalent Elastic Strain
Unit: mm/mm
Time: 1 s



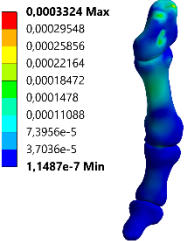
Type 3. Strain metatars.

B: MODEL_3_ONLY_BONES
Equivalent Elastic Strain
Type: Equivalent Elastic Strain
Unit: mm/mm
Time: 1 s



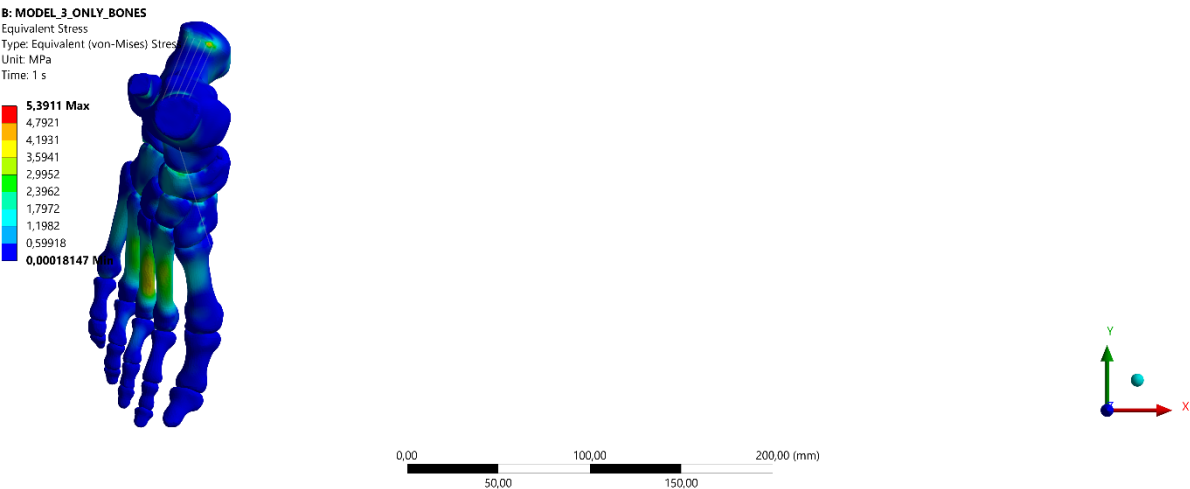
Type 3. Strain.

B: MODEL_3_ONLY_BONES
Equivalent Elastic Strain 2
Type: Equivalent Elastic Strain
Unit: mm/mm
Time: 1 s

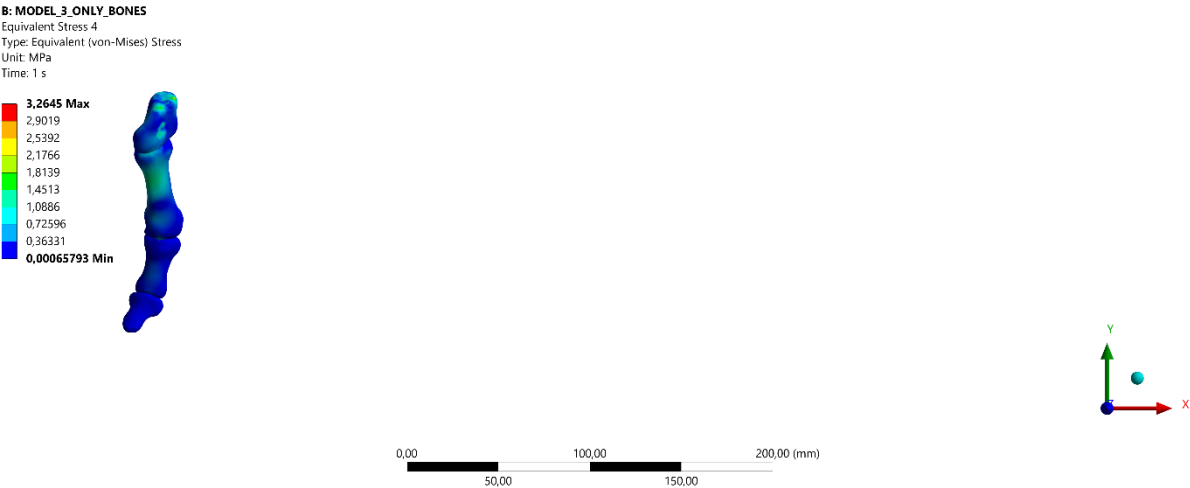


Type 3. Strain first bone.

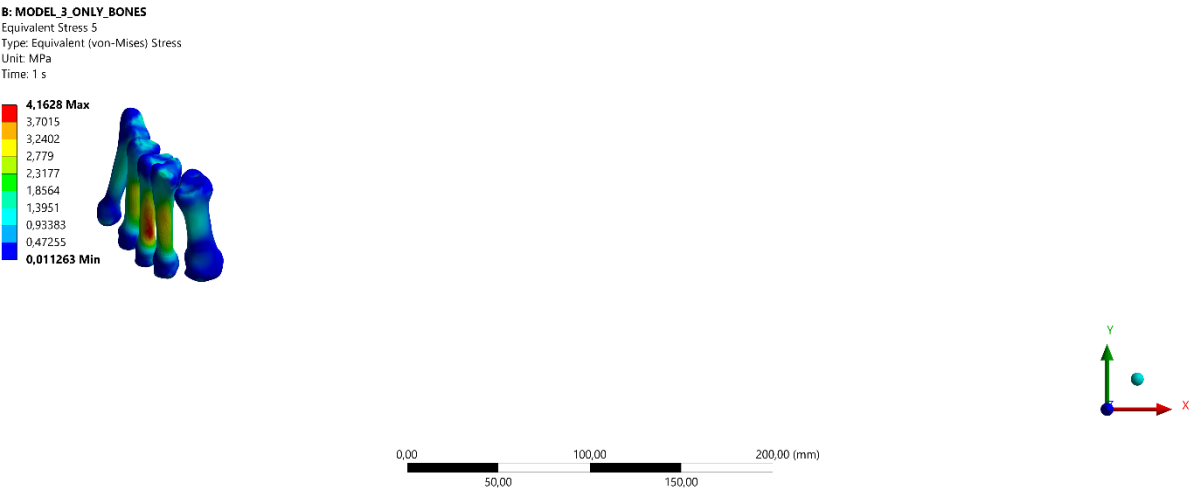
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 3. Stress.

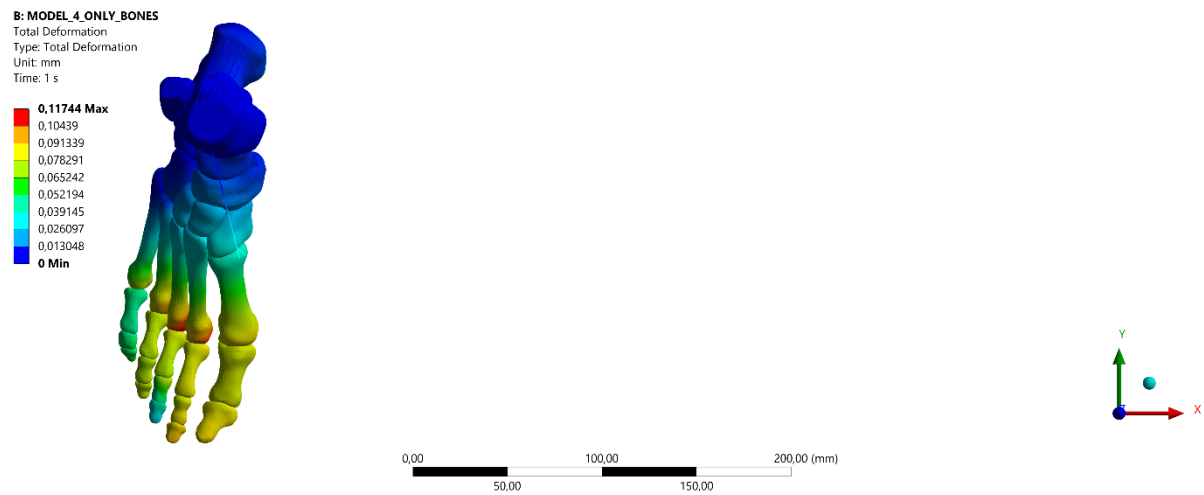


Type 3. Stress first bone.

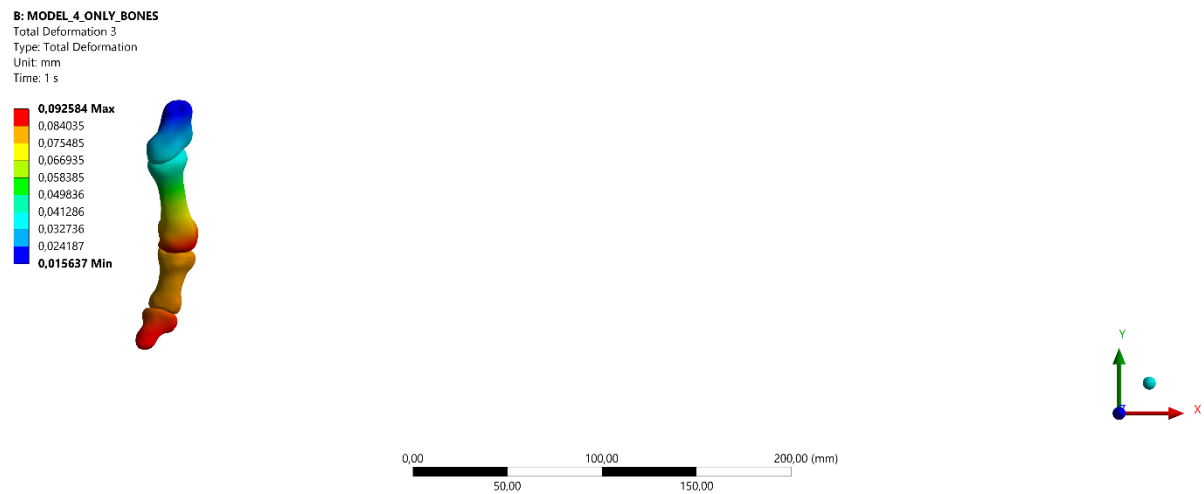


Type 3. Stress metatars.

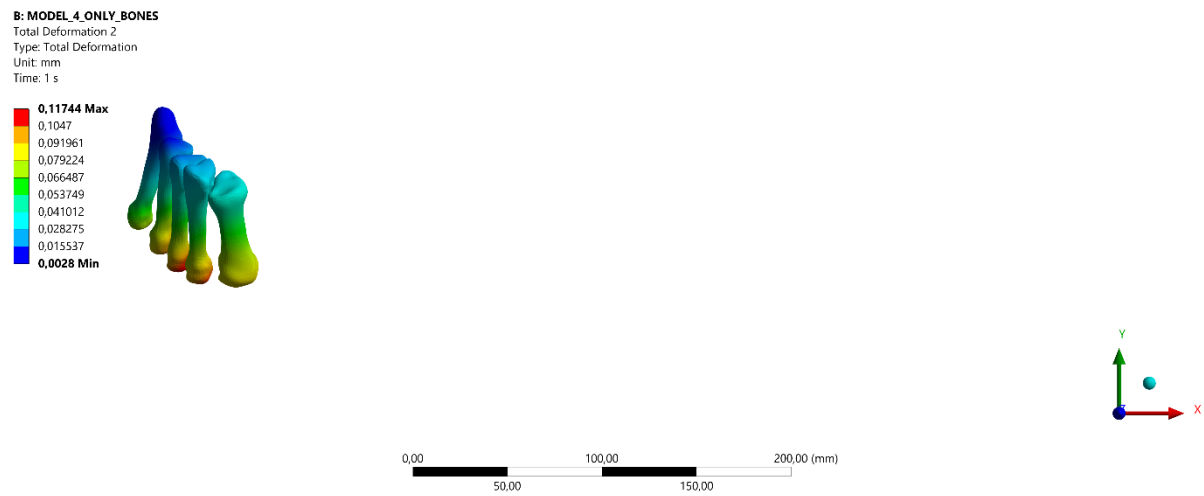
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 4. Deformation.

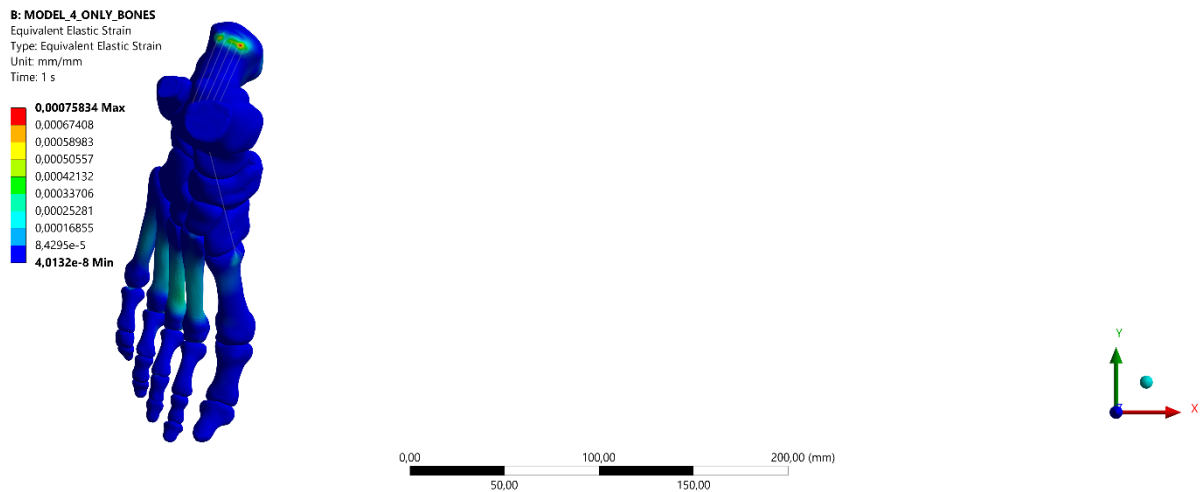


Type 4. Deformation first bone.

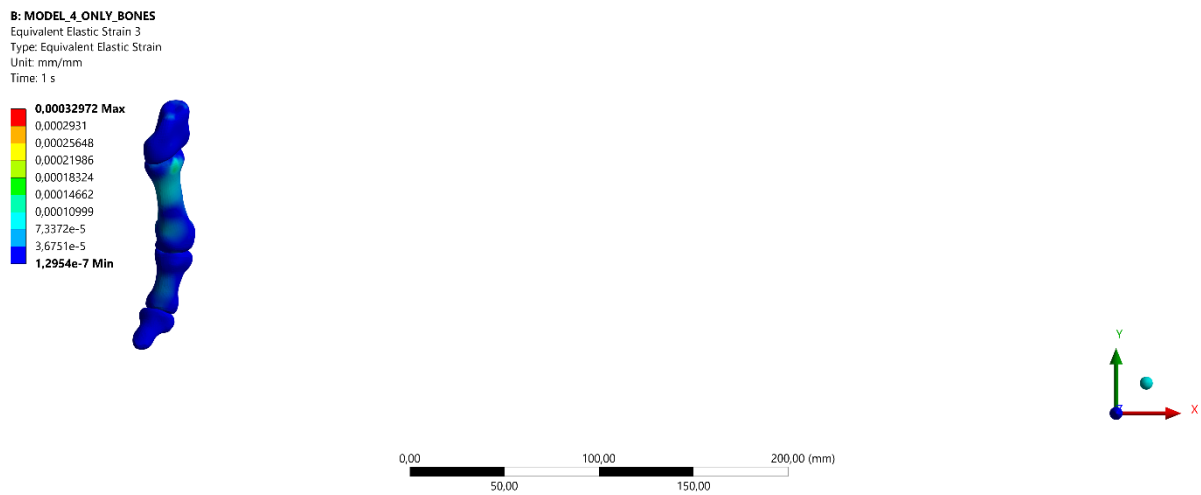


Type 4. Deformation metatars.

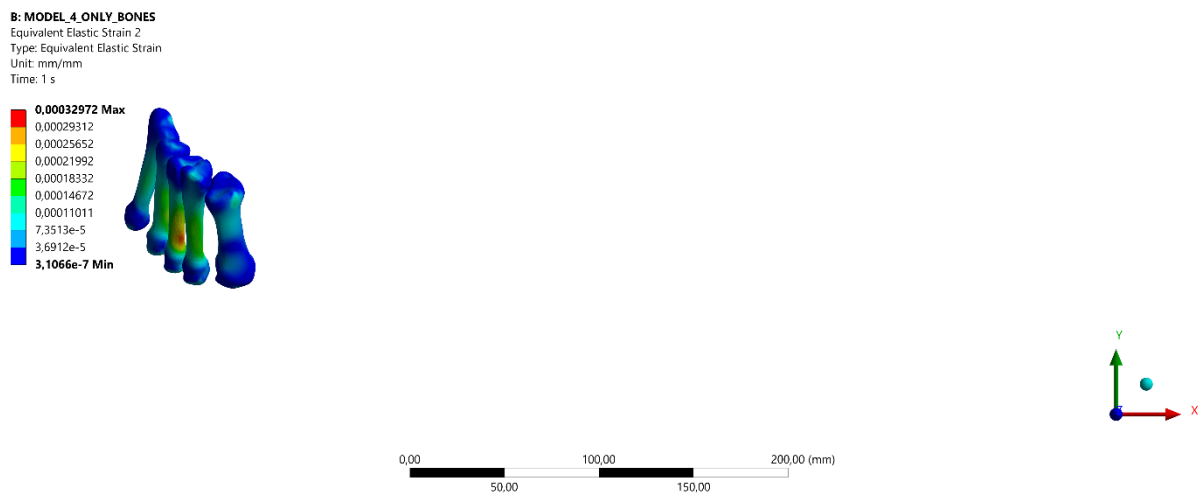
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 4. Strain.

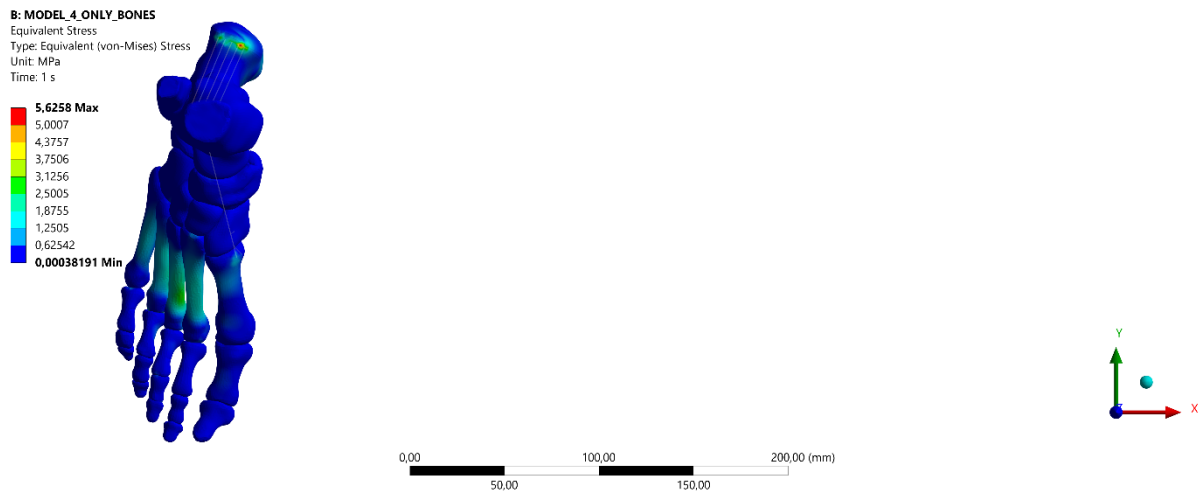


Type 4. Strain first bone.

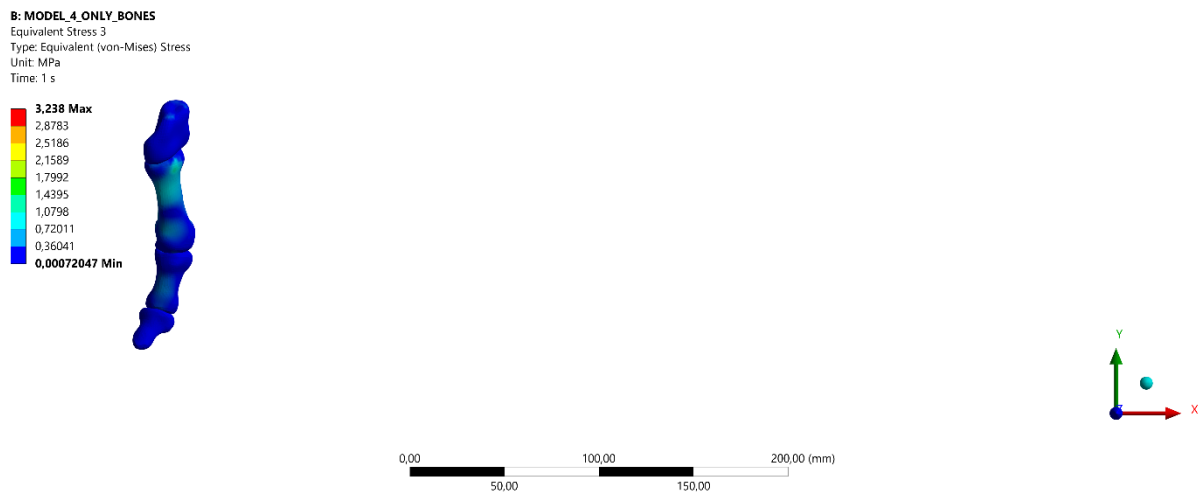


Type 4. Strain metatars.

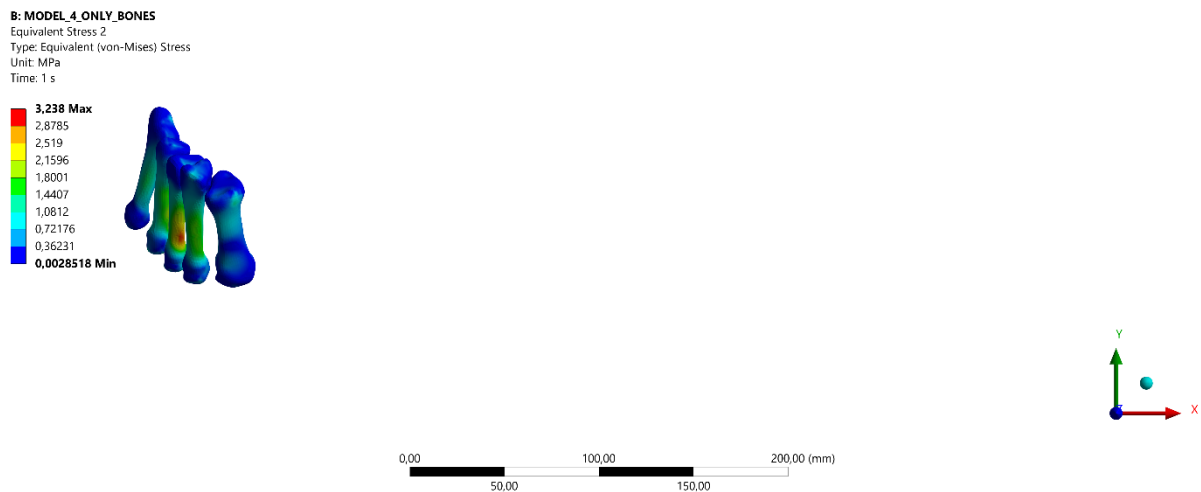
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 4. Stress.

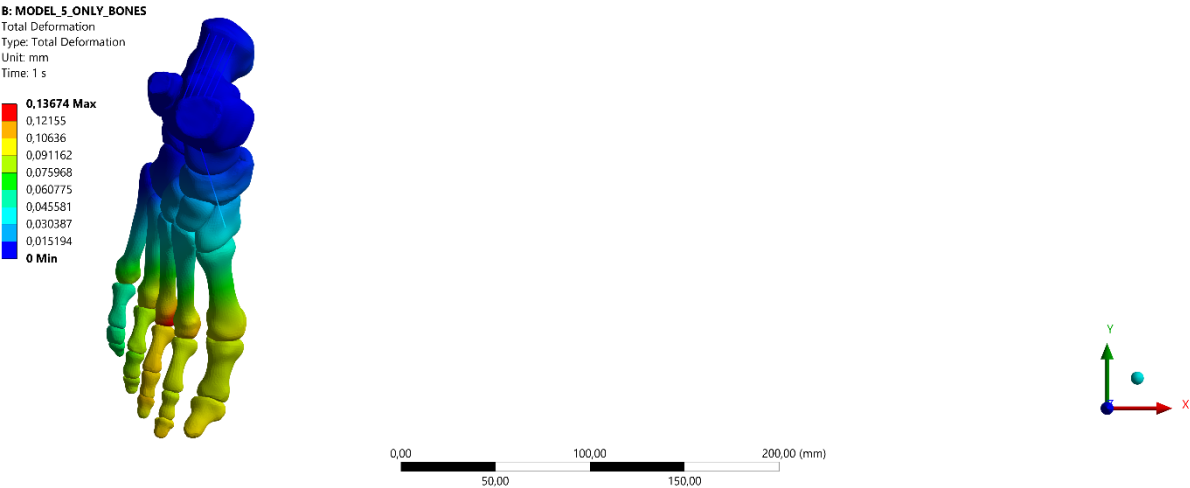


Type 4. Stress first bone.

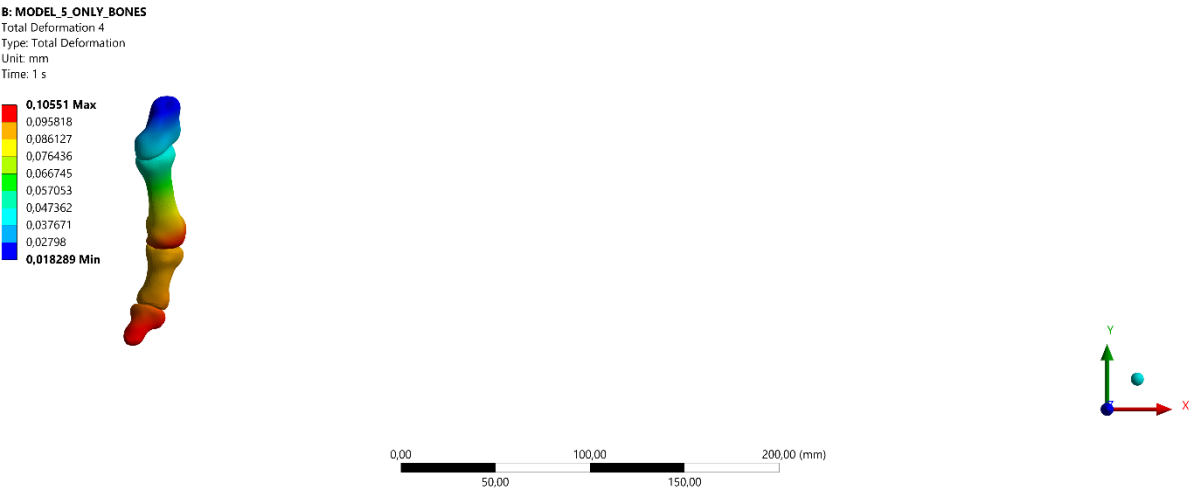


Type 4. Stress metatars.

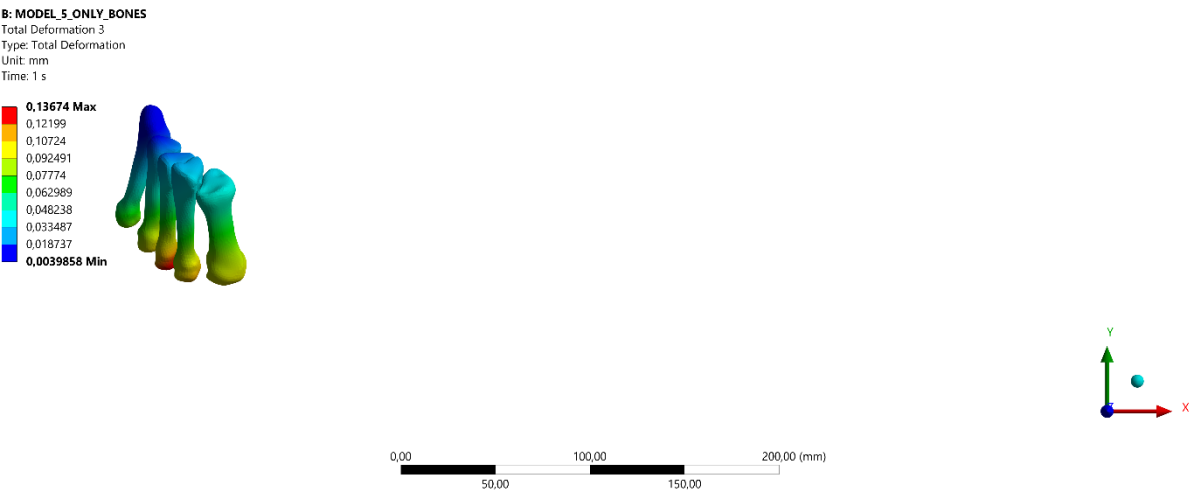
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 5. Deformation.

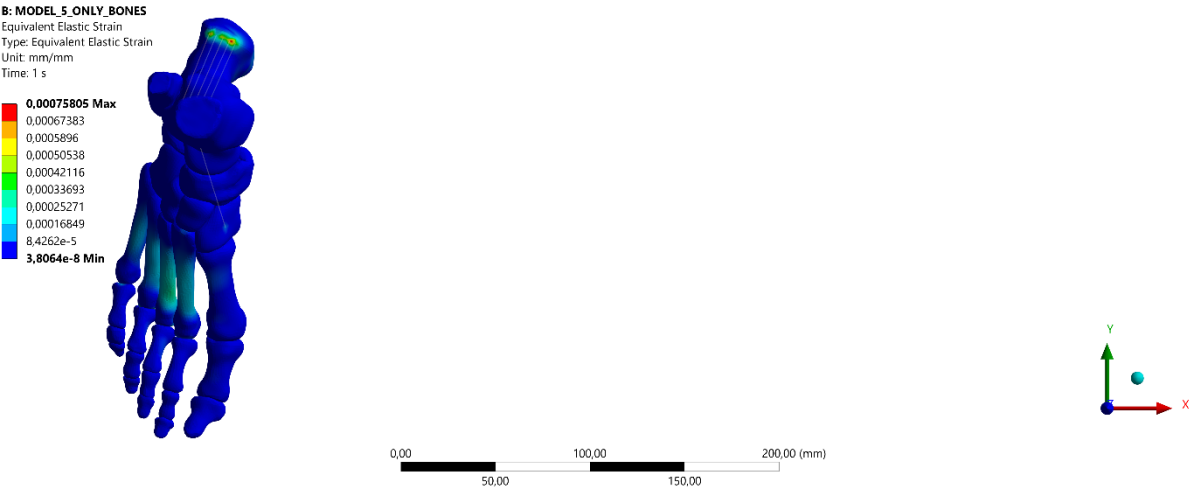


Type 5. Deformation first bone.

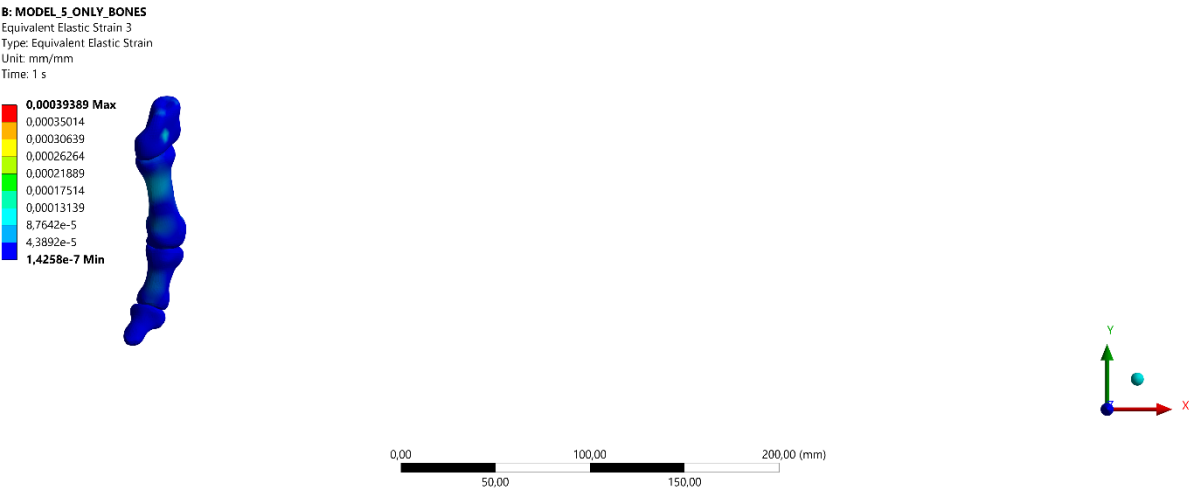


Type 5. Deformation metatars.

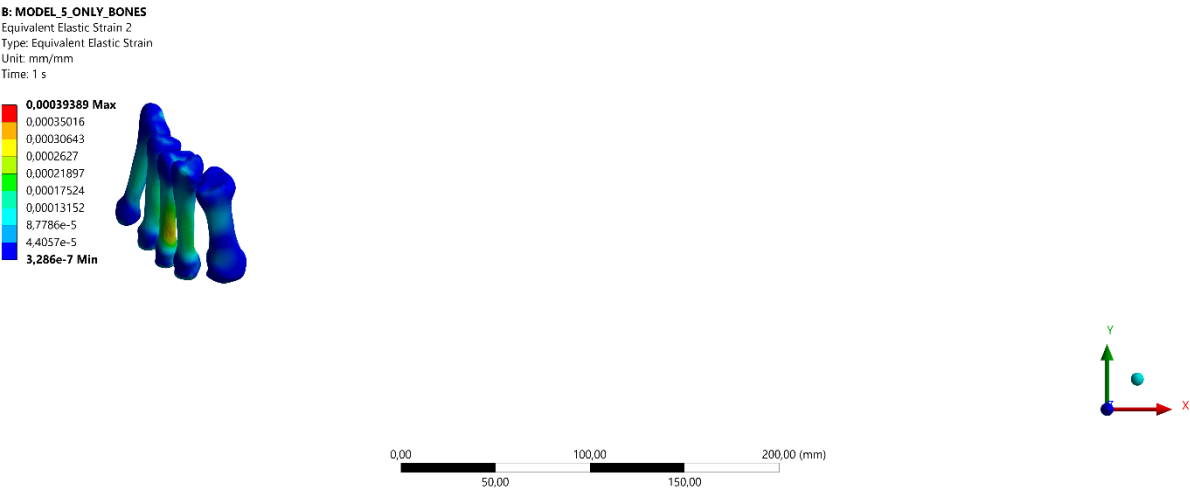
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 5. Strain.

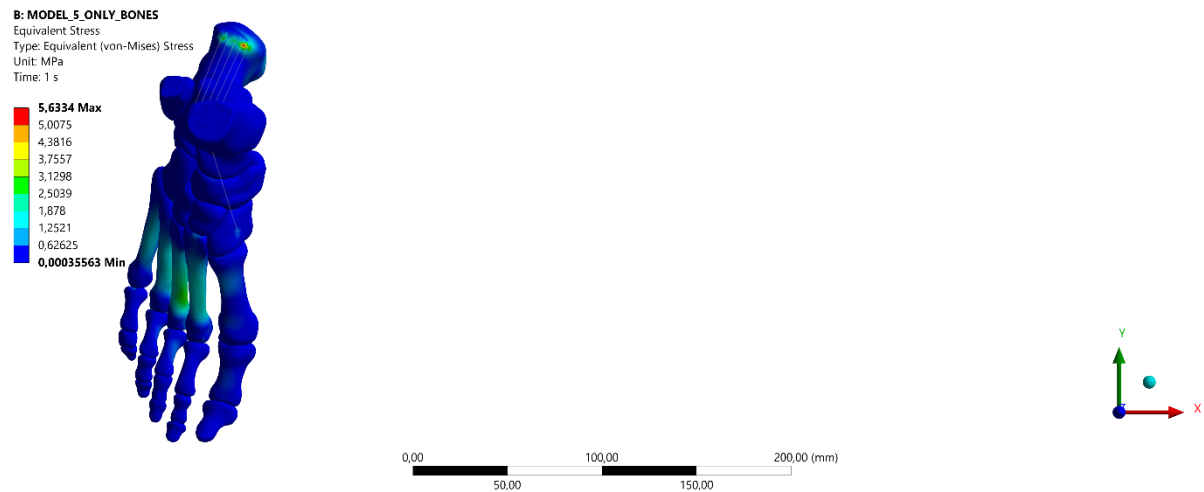


Type 5. Strain first bone.

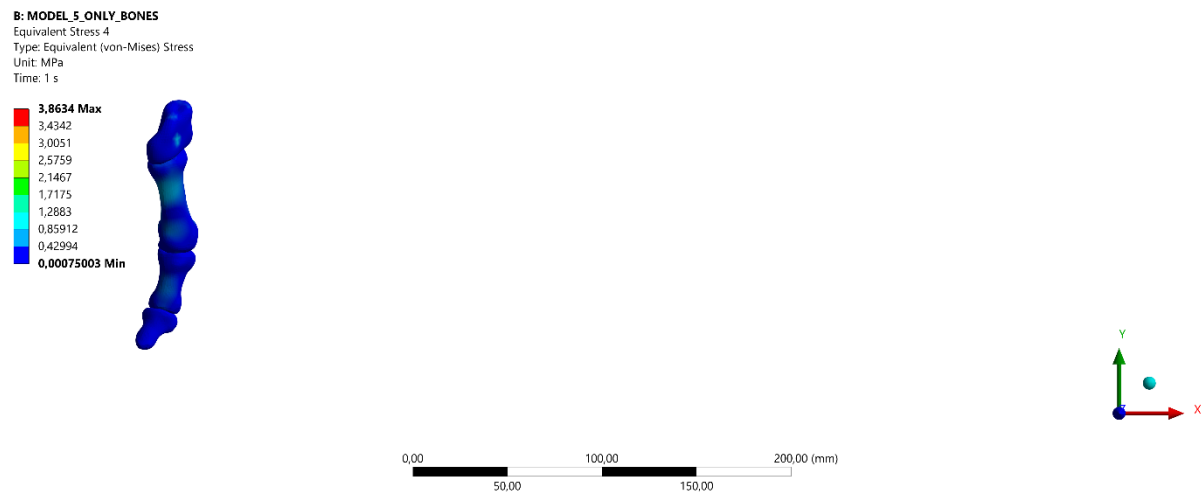


Type 5. Strain metatars.

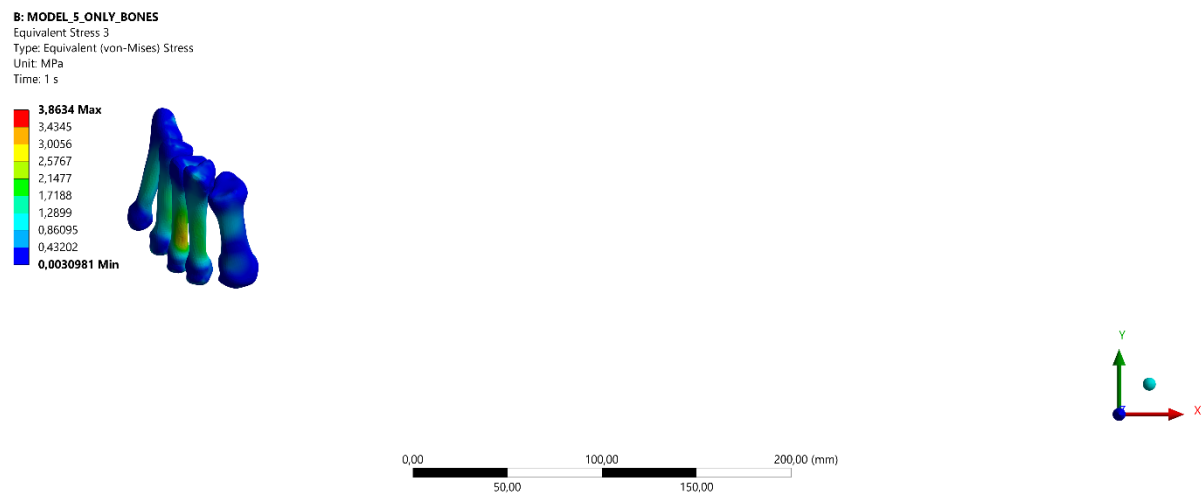
Detailed finite element deformation distributions for the full foot model, first bone, and first metatarsal across all tibialis anterior tendon insertion types (Types 1–5).



Type 5. Stress.



Type 5. Stress first bone.



Type 5. Stress metatars.