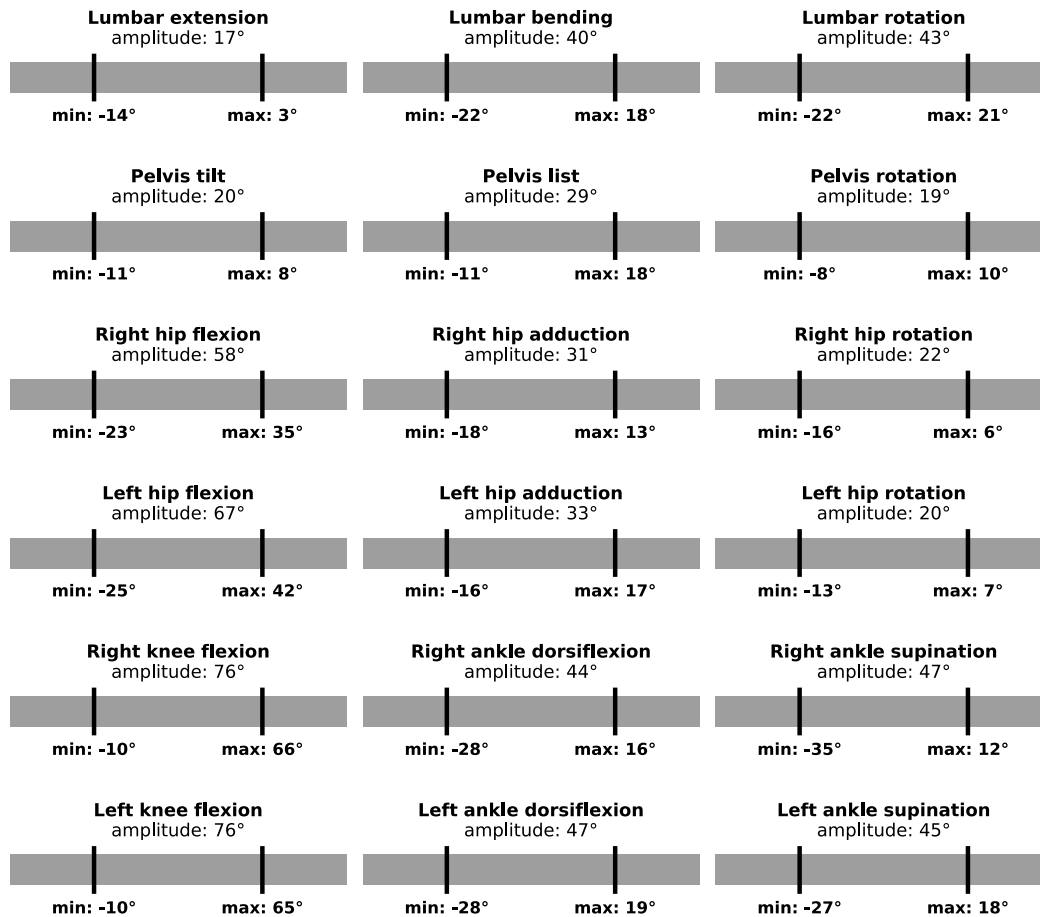


## Range of motion analysis report

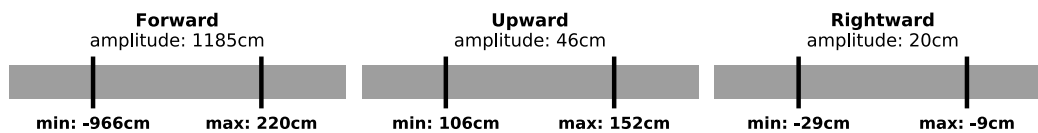
Subject -	Session demo-overground	Trial walking
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### Lumbar and lower-body joints

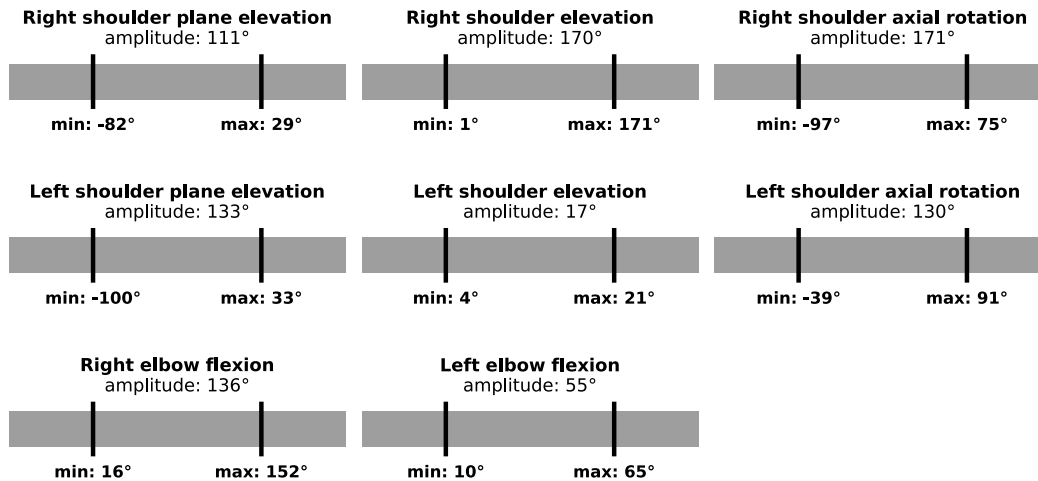


- Lumbar extension (sagittal plane) is positive when the trunk extends posteriorly.
- Lumbar bending (frontal plane) is positive when the trunk bends toward the right side.
- Lumbar rotation (transverse plane) is positive when the trunk rotates toward the left side.
- Pelvis tilt is positive when the pelvis tilts posteriorly.
- Pelvis list is positive when the left side of the pelvis moves upward.
- Pelvis rotation (transverse plane) is positive when the right side of the pelvis rotates anteriorly.
- Hip rotation is positive when the femur rotates medially (internal rotation).

## Pelvis translations



## Arm joints



- Shoulder plane elevation describes the plane where the humerus is raising away from the torso; positive is anterior to the torso, negative is posterior.
- Shoulder elevation is positive when the humerus raises away from the body in any plane.
- Shoulder axial rotation is positive when the arm is rotating inwards.