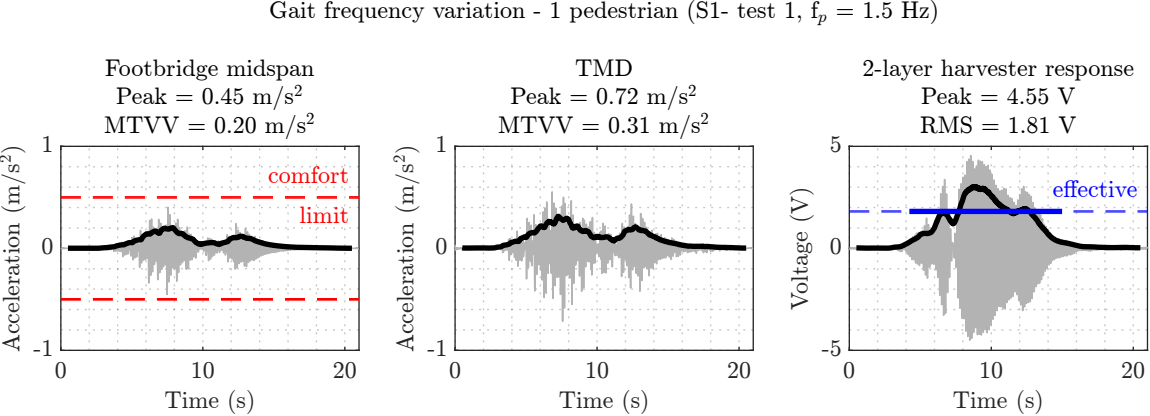
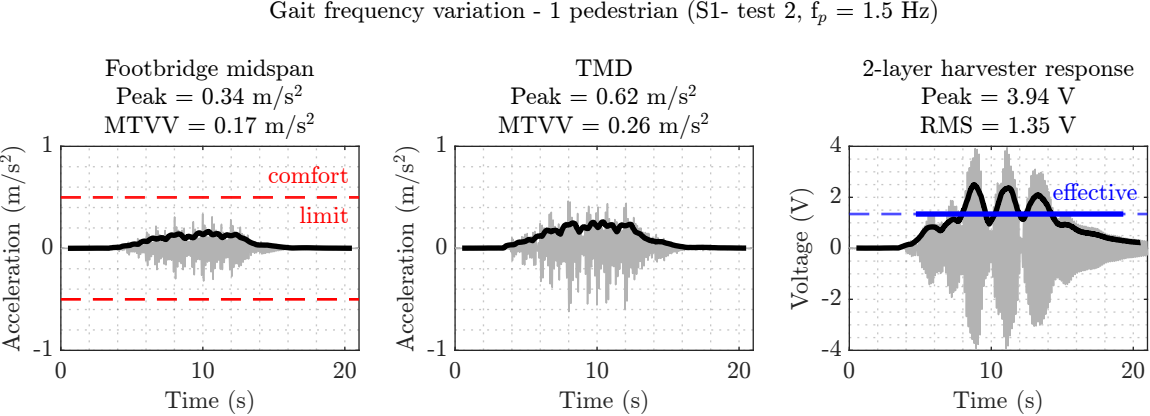
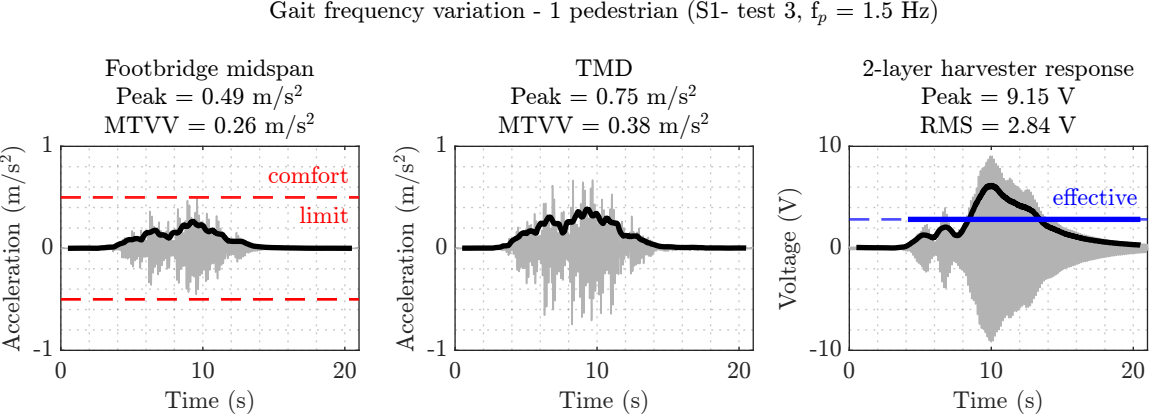
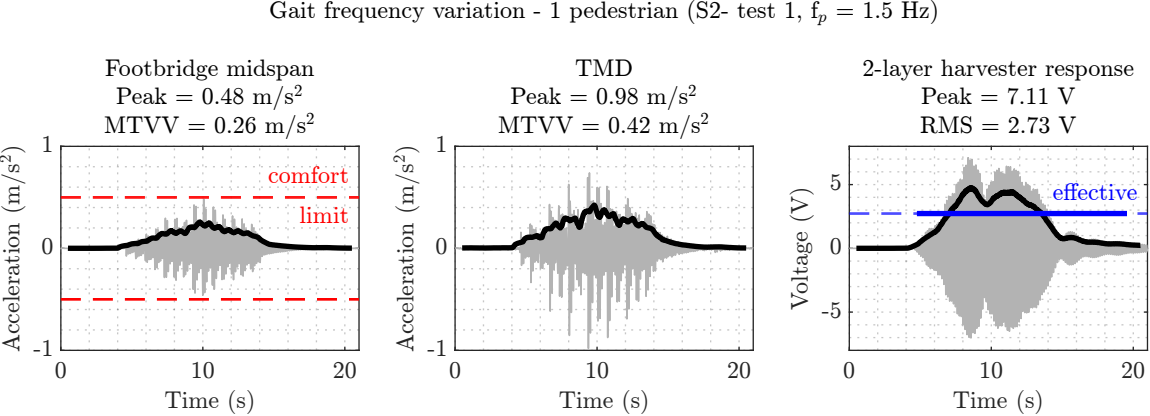
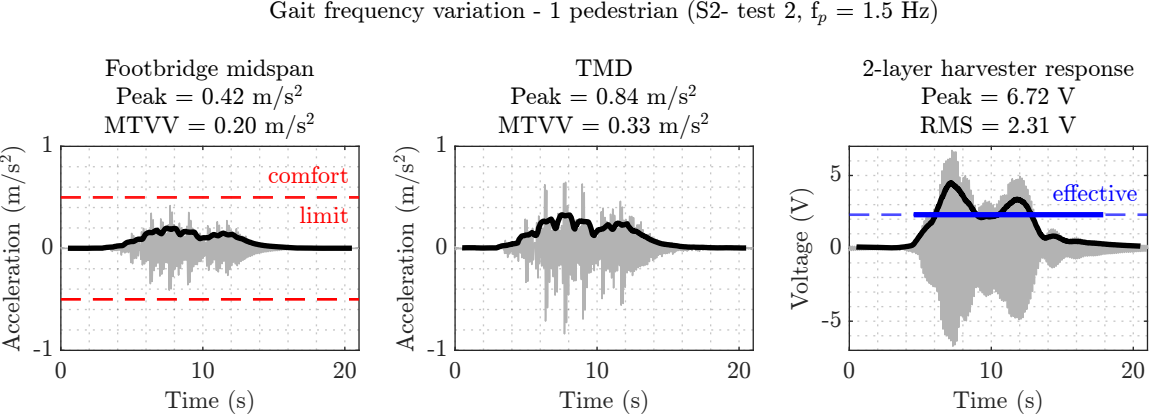
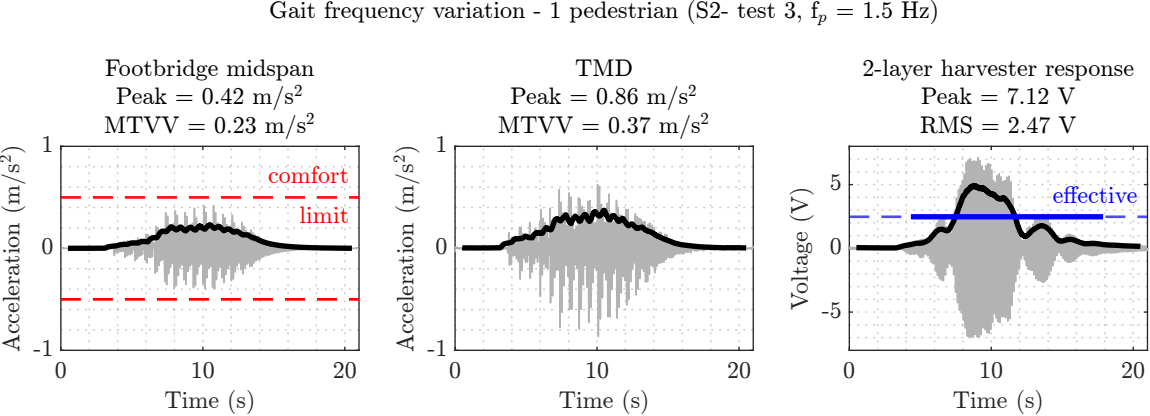

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.45 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.72 m/s²
MTVV = 0.31 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.55 V
RMS = 1.81 V
effective
Voltage (V)
Time (s)

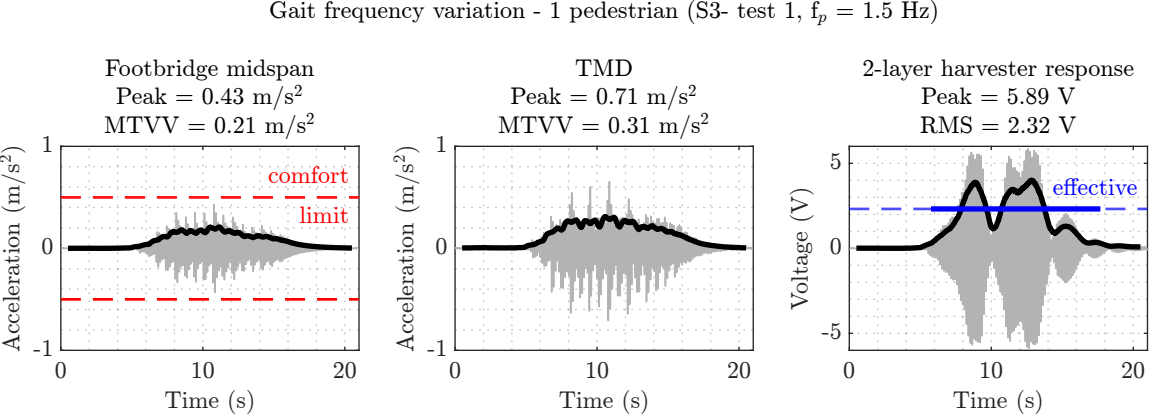

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.34 m/s^2
MTVV = 0.17 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.62 m/s^2
MTVV = 0.26 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 3.94 V
RMS = 1.35 V
effective
Voltage (V)
Time (s)

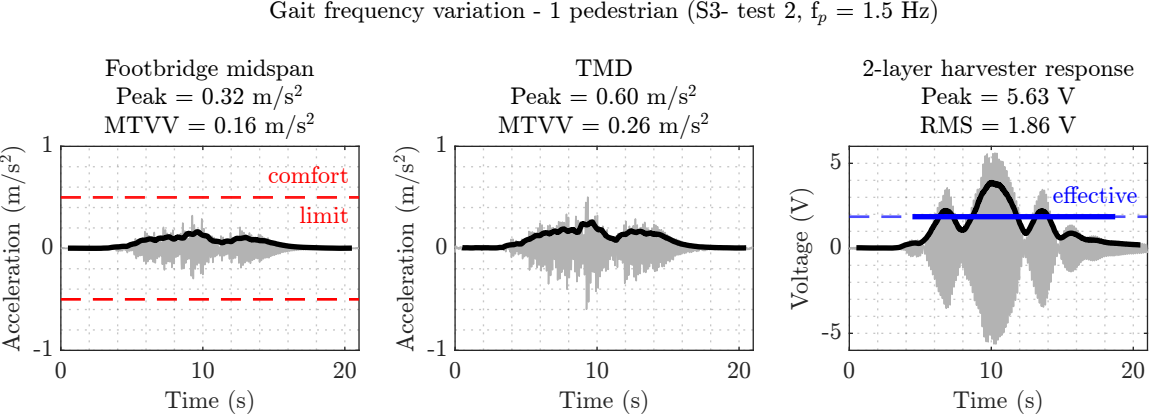

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.49 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.75 m/s²
MTVV = 0.38 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.15 V
RMS = 2.84 V
effective
Voltage (V)
Time (s)

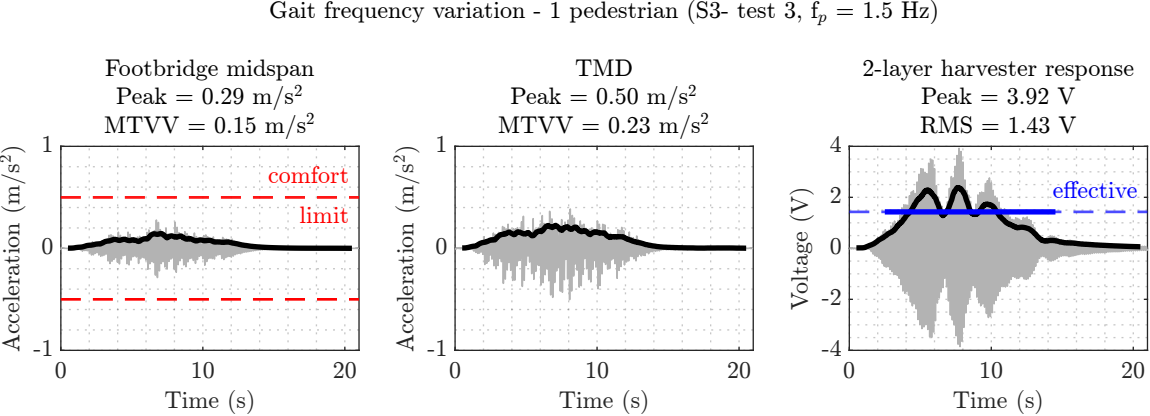

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.48 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.98 m/s²
MTVV = 0.42 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.11 V
RMS = 2.73 V
effective
Voltage (V)
Time (s)

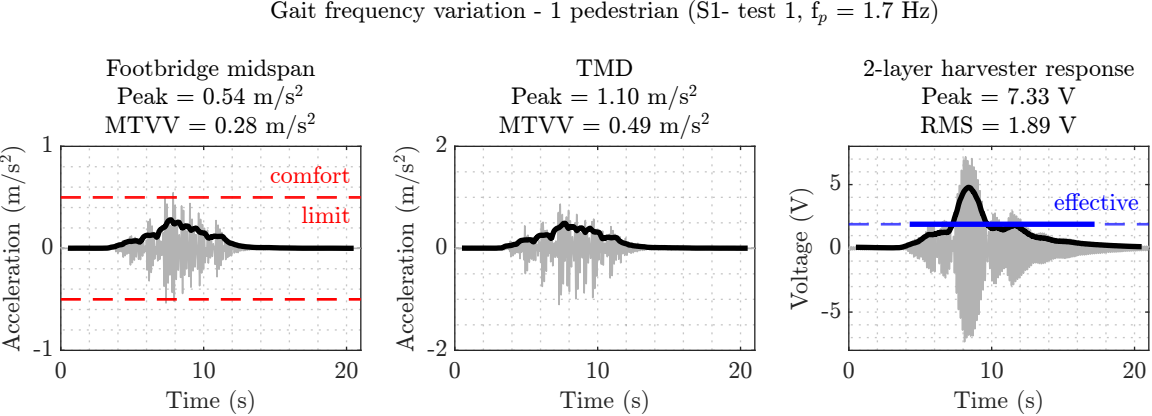

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.42 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.84 m/s^2
MTVV = 0.33 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.72 V
RMS = 2.31 V
effective
Voltage (V)
Time (s)

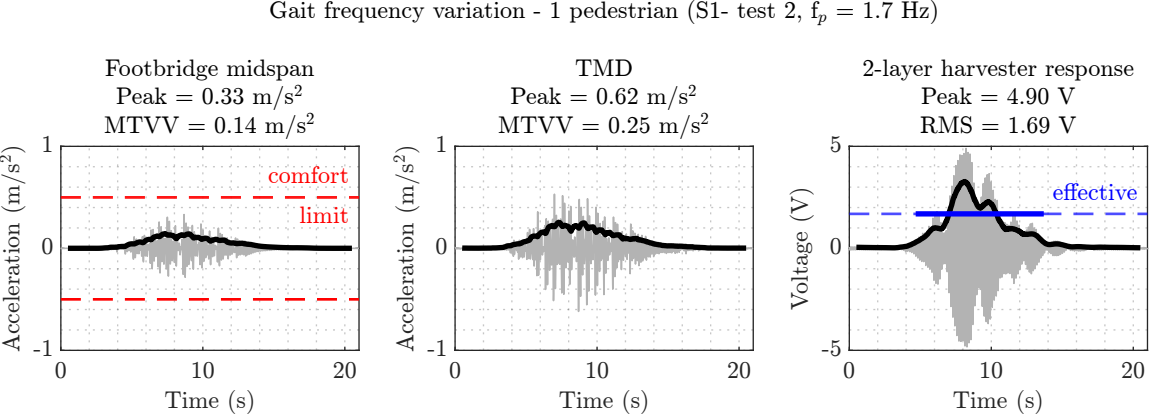

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.42 m/s^2
MTVV = 0.23 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.86 m/s^2
MTVV = 0.37 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.12 V
RMS = 2.47 V
effective
Voltage (V)
Time (s)

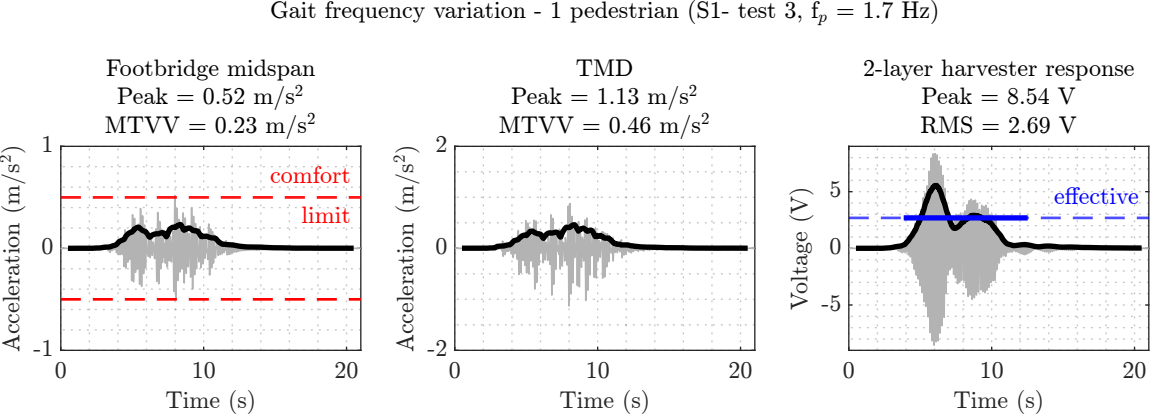

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.43 m/s^2
MTVV = 0.21 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.71 m/s^2
MTVV = 0.31 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.89 V
RMS = 2.32 V
effective
Voltage (V)
Time (s)

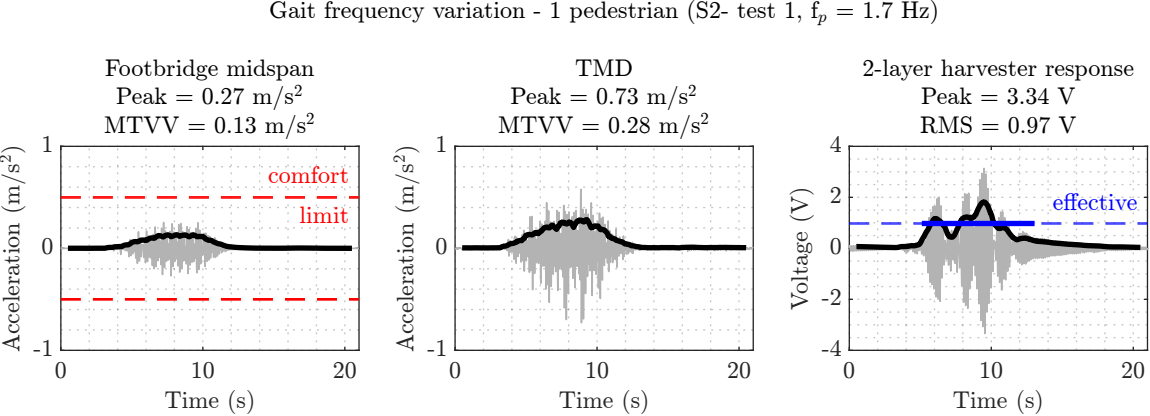

Gait frequency variation - 1 pedestrian (S3- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.32 m/s^2
MTVV = 0.16 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.60 m/s^2
MTVV = 0.26 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.63 V
RMS = 1.86 V
effective
Voltage (V)
Time (s)

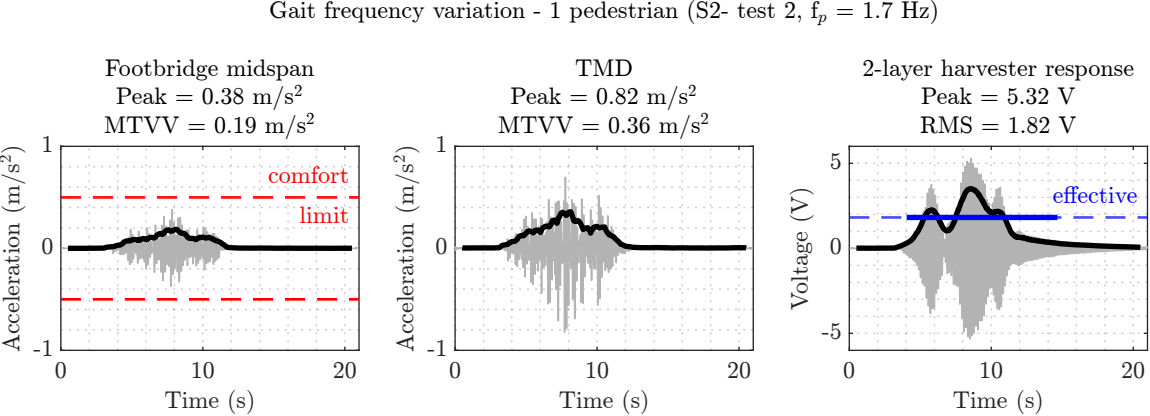

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.29 m/s²
MTVV = 0.15 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.50 m/s²
MTVV = 0.23 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.92 V
RMS = 1.43 V
effective
Voltage (V)
Time (s)

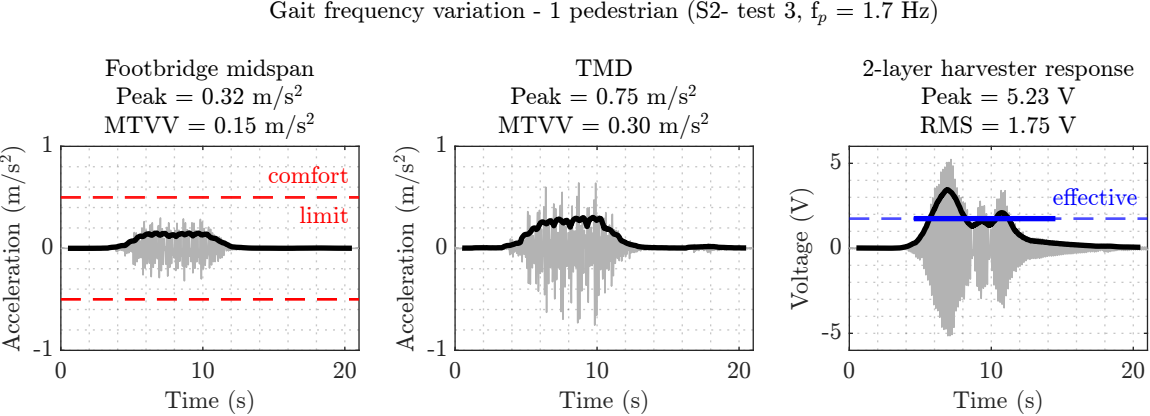

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.54 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.10 m/s²
MTVV = 0.49 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.33 V
RMS = 1.89 V
effective
Voltage (V)
Time (s)

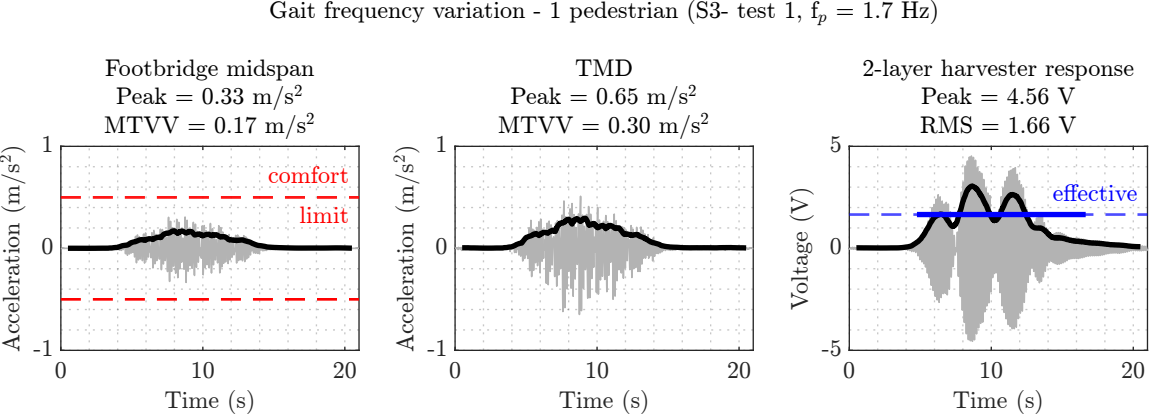

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.33 m/s²
MTVV = 0.14 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.62 m/s²
MTVV = 0.25 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.90 V
RMS = 1.69 V
effective
Voltage (V)
Time (s)

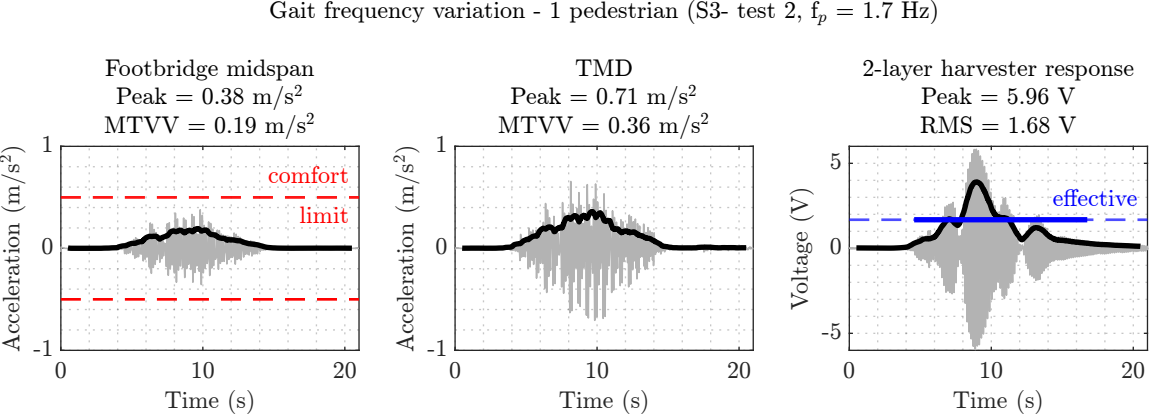

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.52 m/s²
MTVV = 0.23 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.13 m/s²
MTVV = 0.46 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.54 V
RMS = 2.69 V
effective
Voltage (V)
Time (s)

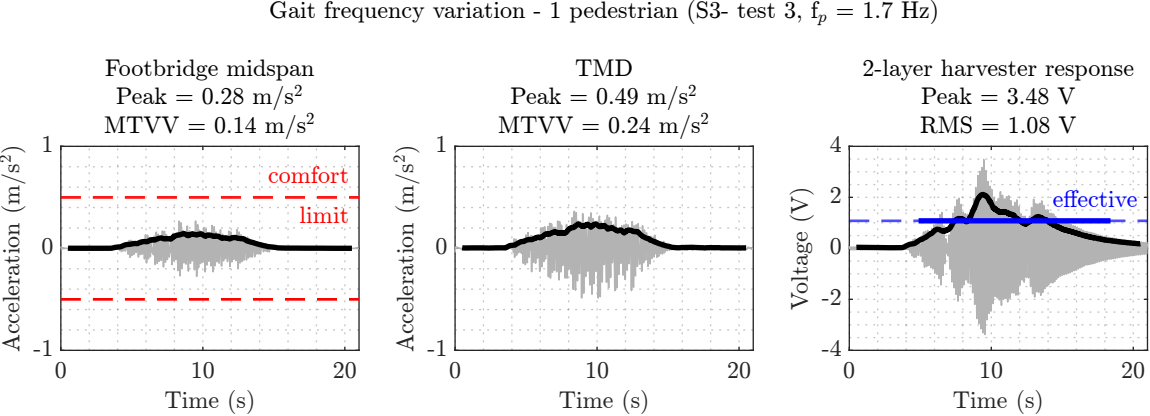

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.27 m/s²
MTVV = 0.13 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.73 m/s²
MTVV = 0.28 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.34 V
RMS = 0.97 V
effective
Voltage (V)
Time (s)

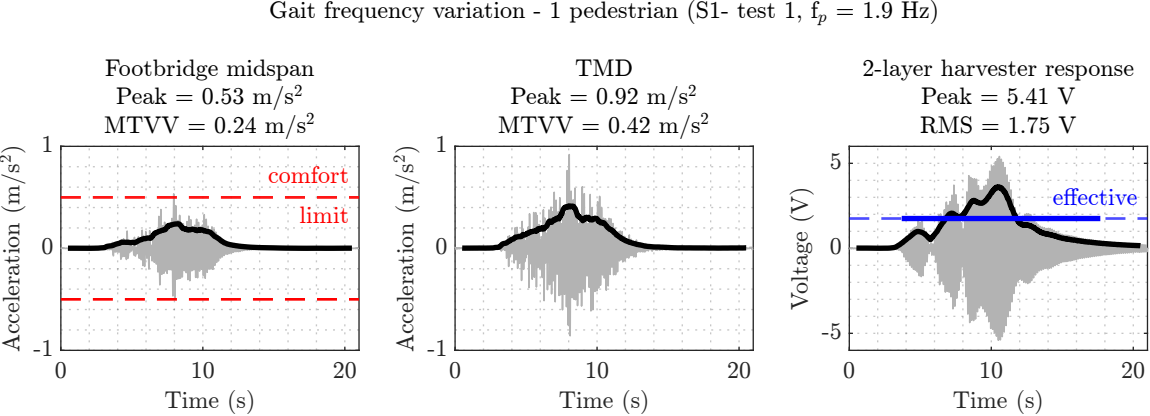

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.38 m/s²
MTVV = 0.19 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.82 m/s²
MTVV = 0.36 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.32 V
RMS = 1.82 V
effective
Voltage (V)
Time (s)

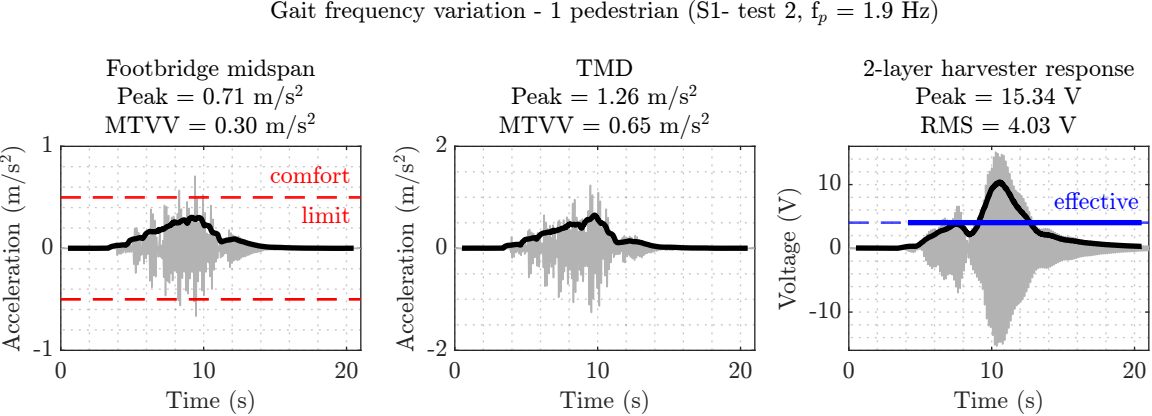

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.32 m/s²
MTVV = 0.15 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.75 m/s²
MTVV = 0.30 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.23 V
RMS = 1.75 V
effective
Voltage (V)
Time (s)

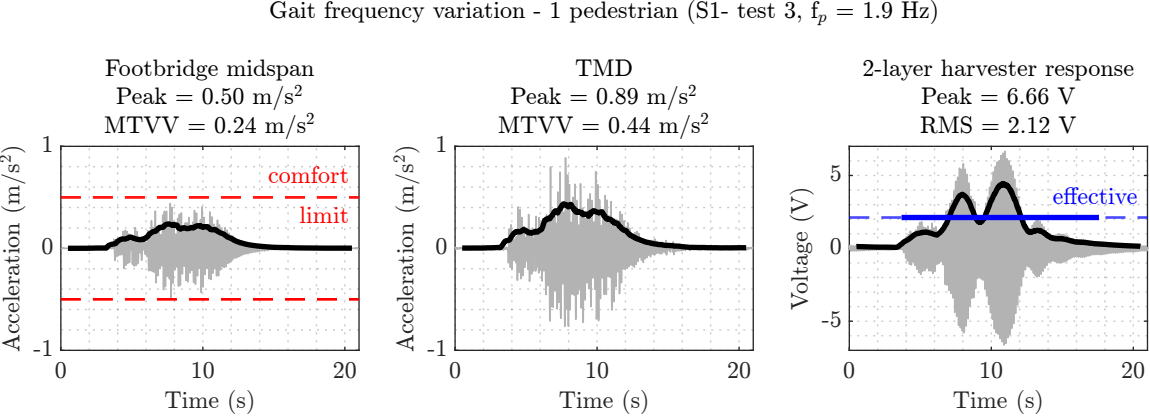

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.33 m/s²
MTVV = 0.17 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.65 m/s²
MTVV = 0.30 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.56 V
RMS = 1.66 V
effective
Voltage (V)
Time (s)

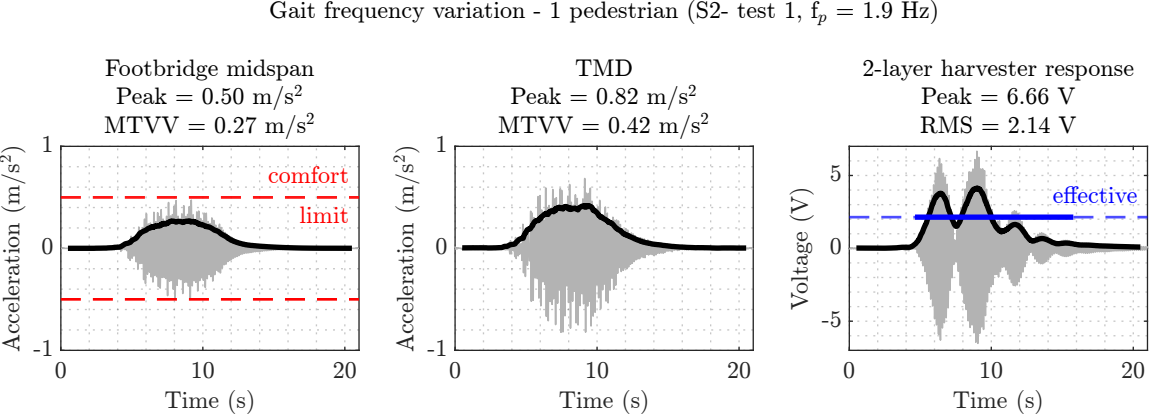

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.38 m/s^2
MTVV = 0.19 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.71 m/s^2
MTVV = 0.36 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.96 V
RMS = 1.68 V
effective
Voltage (V)
Time (s)

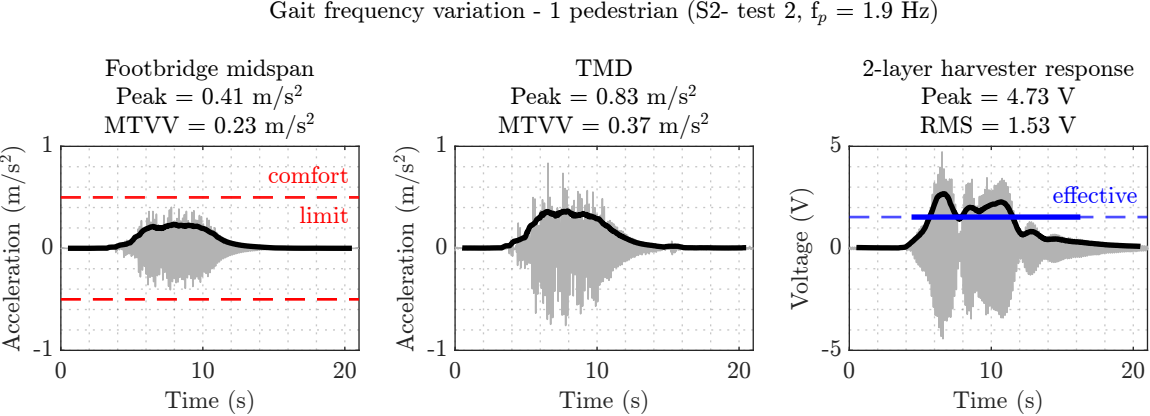

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.28 m/s²
MTVV = 0.14 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.49 m/s²
MTVV = 0.24 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.48 V
RMS = 1.08 V
effective
Voltage (V)
Time (s)

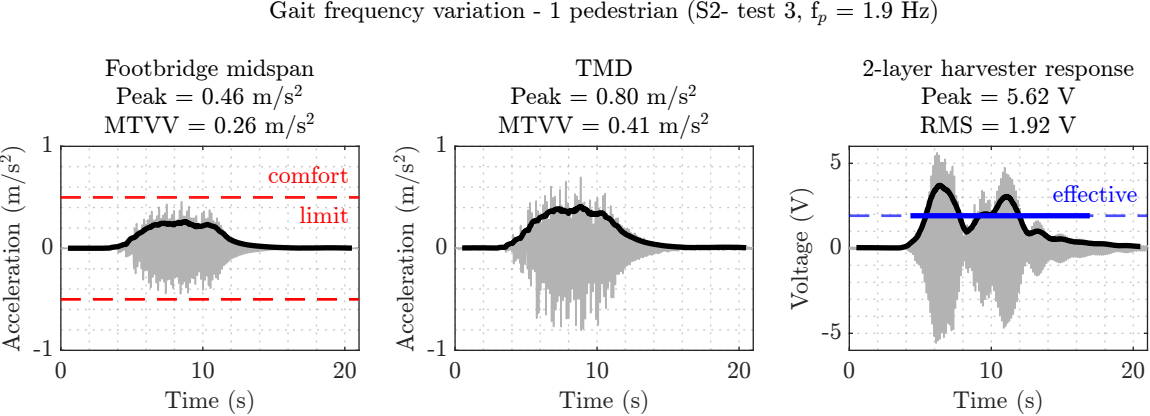

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.53 m/s²
MTVV = 0.24 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.92 m/s²
MTVV = 0.42 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.41 V
RMS = 1.75 V
effective
Voltage (V)
Time (s)

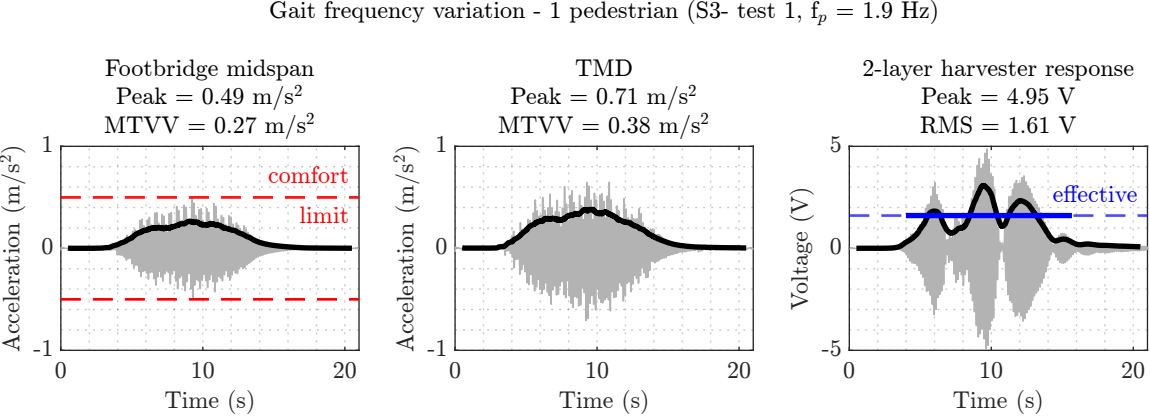

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.26 m/s²
MTVV = 0.65 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.34 V
RMS = 4.03 V
effective
Voltage (V)
Time (s)

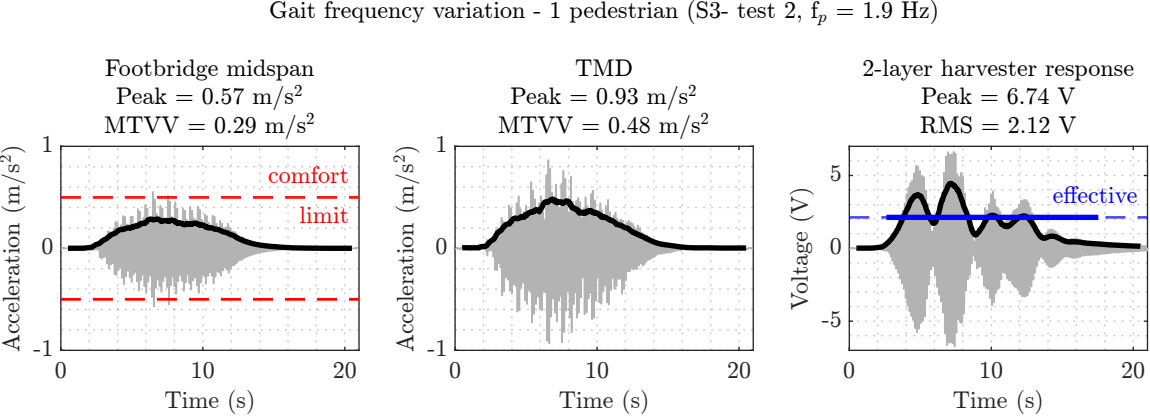

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.50 m/s²
MTVV = 0.24 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.89 m/s²
MTVV = 0.44 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.66 V
RMS = 2.12 V
effective
Voltage (V)
Time (s)

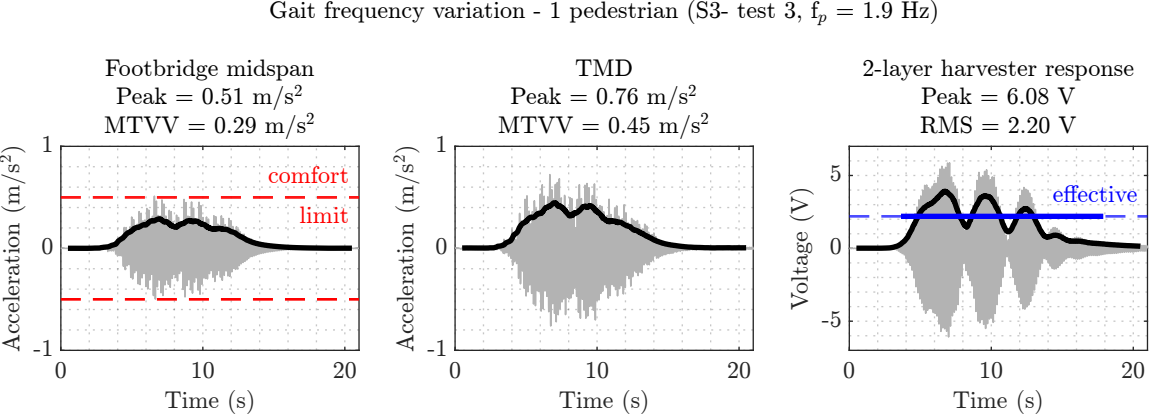

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.50 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.82 m/s^2
MTVV = 0.42 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.66 V
RMS = 2.14 V
effective
Voltage (V)
Time (s)

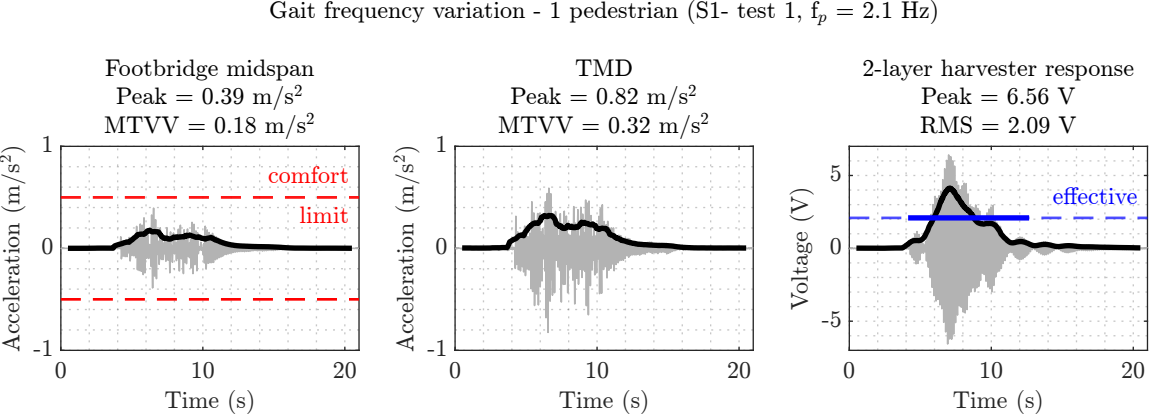

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.41 m/s²
MTVV = 0.23 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.83 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.73 V
RMS = 1.53 V
effective
Voltage (V)
Time (s)

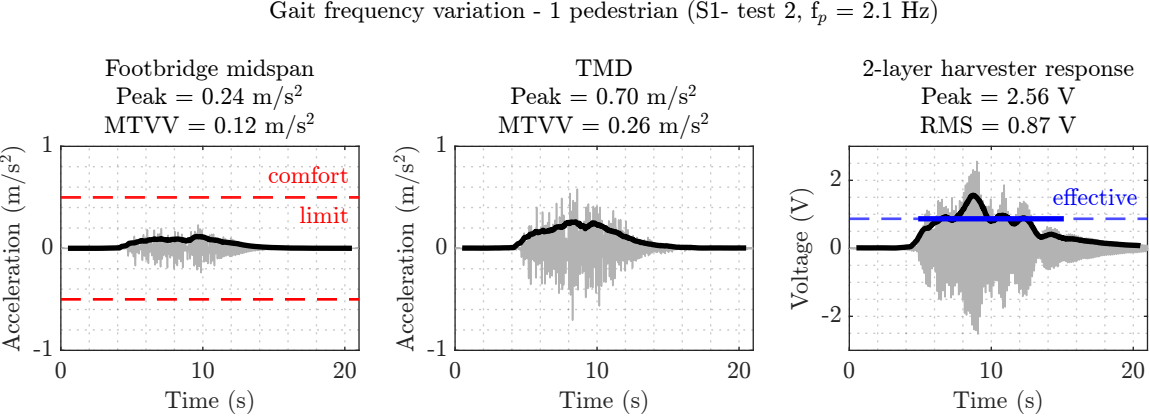

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.46 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.80 m/s²
MTVV = 0.41 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.62 V
RMS = 1.92 V
effective
Voltage (V)
Time (s)

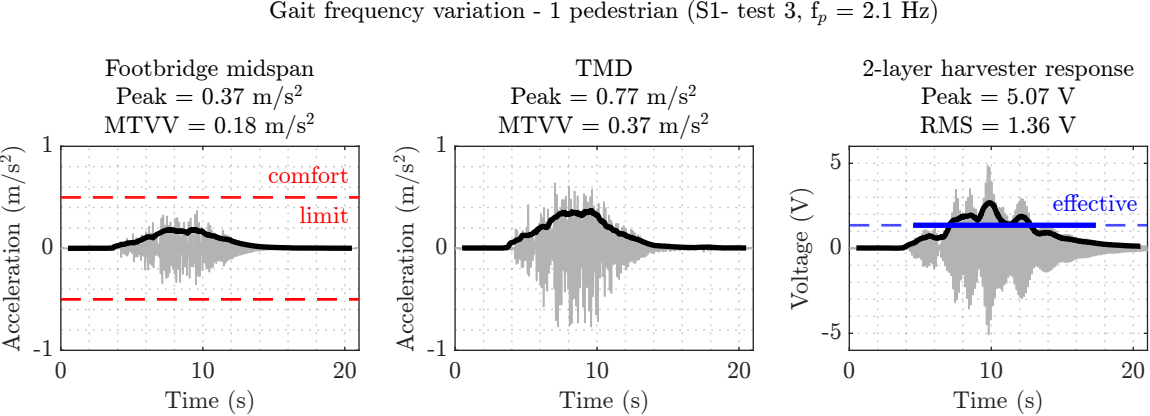

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.49 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.71 m/s^2
MTVV = 0.38 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 4.95 V
RMS = 1.61 V
effective
Voltage (V)
Time (s)

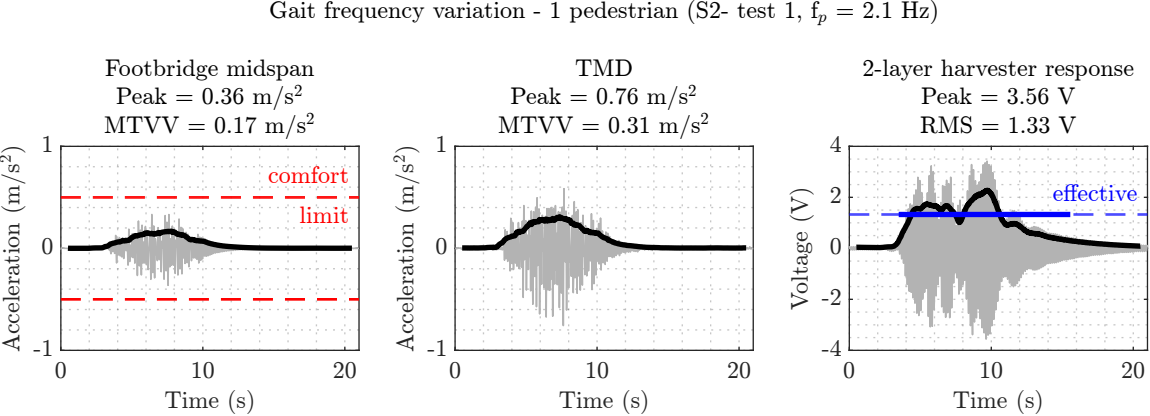

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.57 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.93 m/s²
MTVV = 0.48 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.74 V
RMS = 2.12 V
effective
Voltage (V)
Time (s)

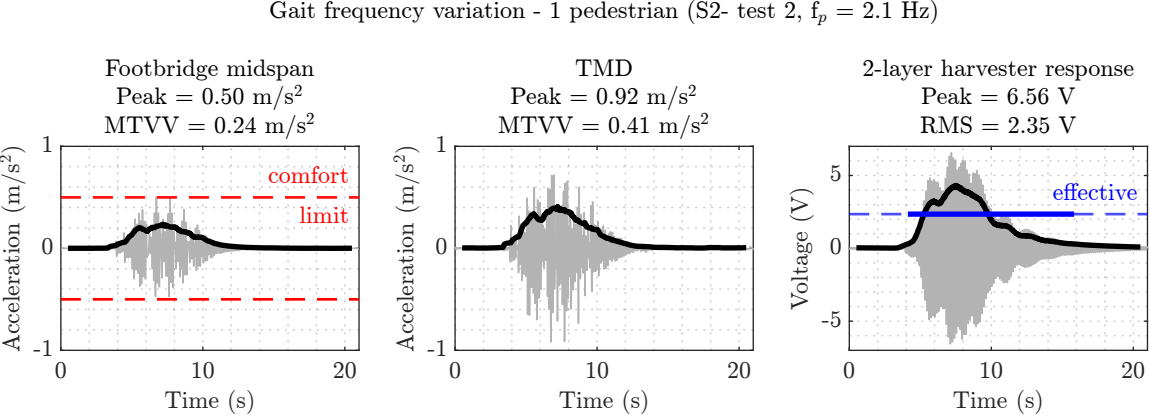

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.51 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.76 m/s²
MTVV = 0.45 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.08 V
RMS = 2.20 V
effective
Voltage (V)
Time (s)

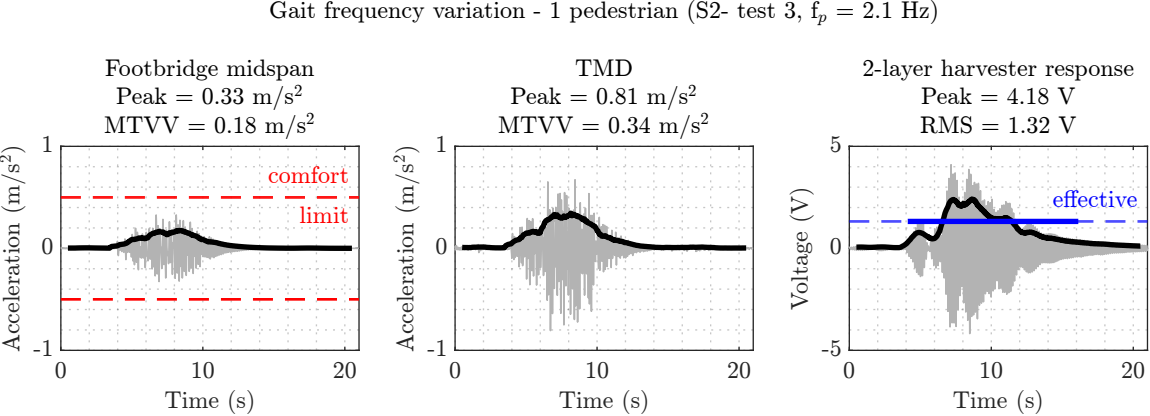

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.39 m/s^2
MTVV = 0.18 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.82 m/s^2
MTVV = 0.32 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.56 V
RMS = 2.09 V
effective
Voltage (V)
Time (s)

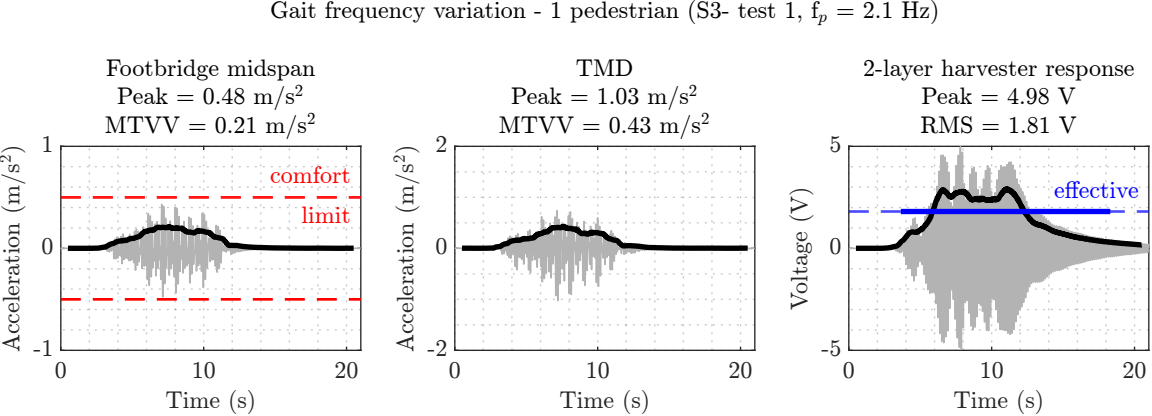

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.24 m/s²
MTVV = 0.12 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.70 m/s²
MTVV = 0.26 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 2.56 V
RMS = 0.87 V
effective
Voltage (V)
Time (s)

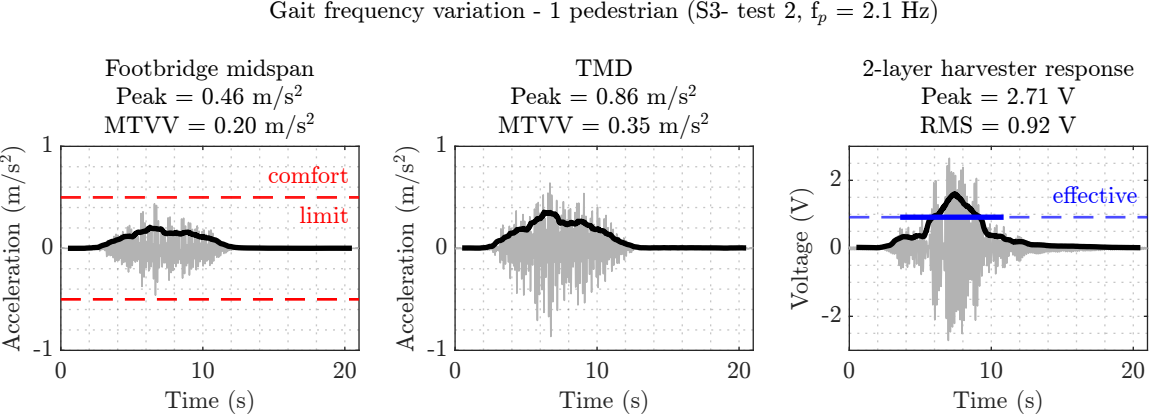

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.37 m/s²
MTVV = 0.18 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.77 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.07 V
RMS = 1.36 V
effective
Voltage (V)
Time (s)

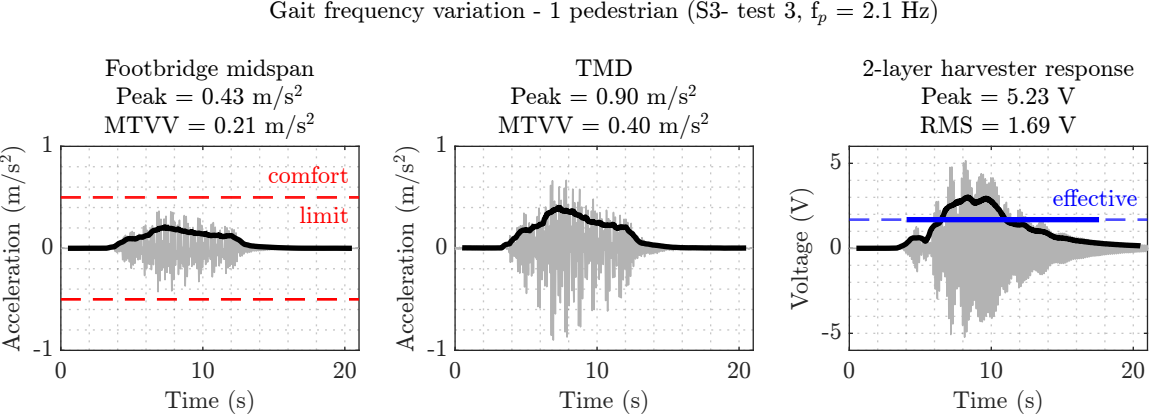

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.36 m/s²
MTVV = 0.17 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.76 m/s²
MTVV = 0.31 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.56 V
RMS = 1.33 V
effective
Voltage (V)
Time (s)

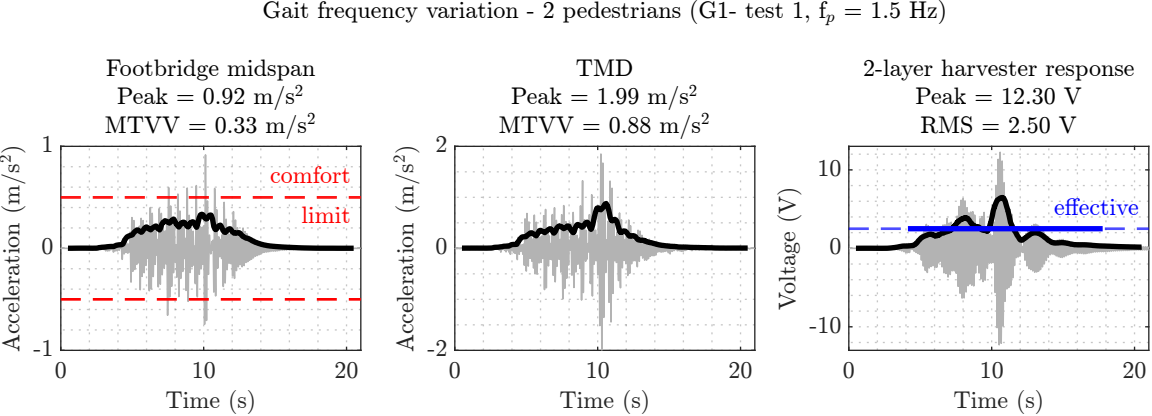

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.50 m/s^2
MTVV = 0.24 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.92 m/s^2
MTVV = 0.41 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.56 V
RMS = 2.35 V
effective
Voltage (V)
Time (s)

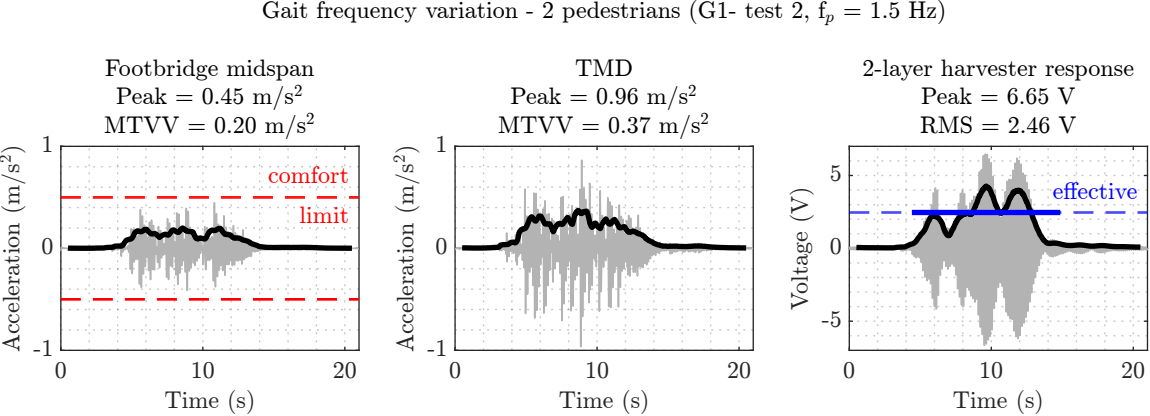

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.33 m/s²
MTVV = 0.18 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.81 m/s²
MTVV = 0.34 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.18 V
RMS = 1.32 V
effective
Voltage (V)
Time (s)

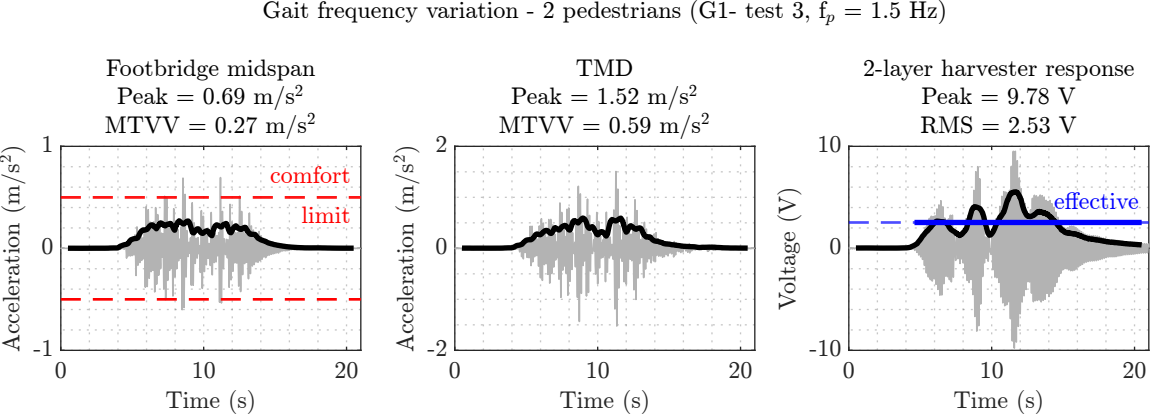

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.48 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.03 m/s²
MTVV = 0.43 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.98 V
RMS = 1.81 V
effective
Voltage (V)
Time (s)

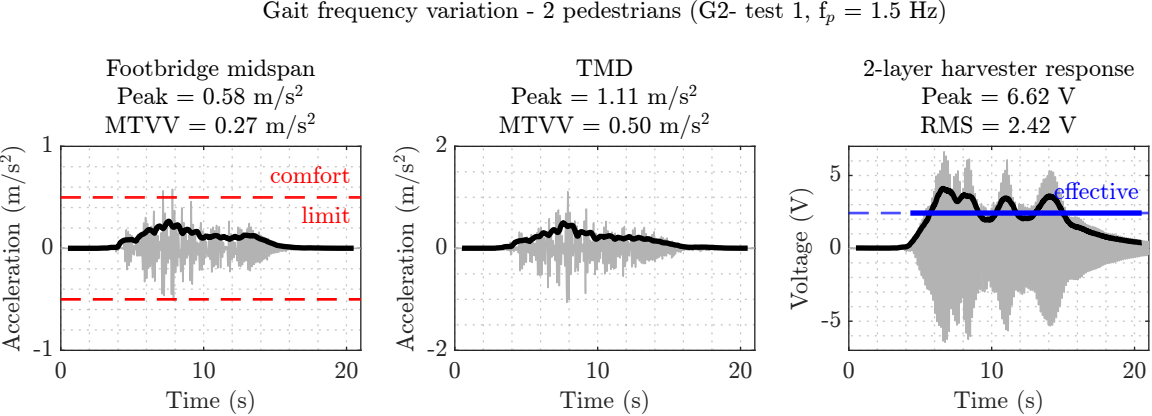

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.46 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.86 m/s^2
MTVV = 0.35 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 2.71 V
RMS = 0.92 V
effective
Voltage (V)
Time (s)

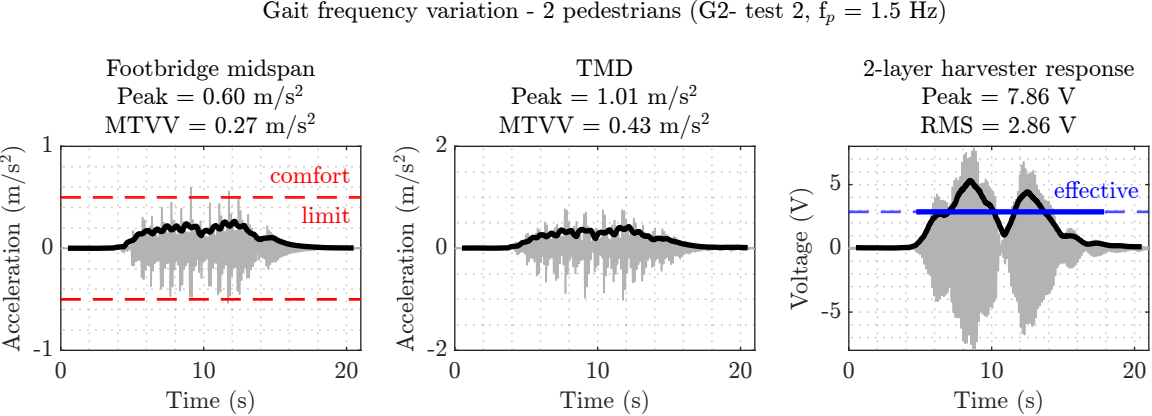

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.43 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.90 m/s²
MTVV = 0.40 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.23 V
RMS = 1.69 V
effective
Voltage (V)
Time (s)

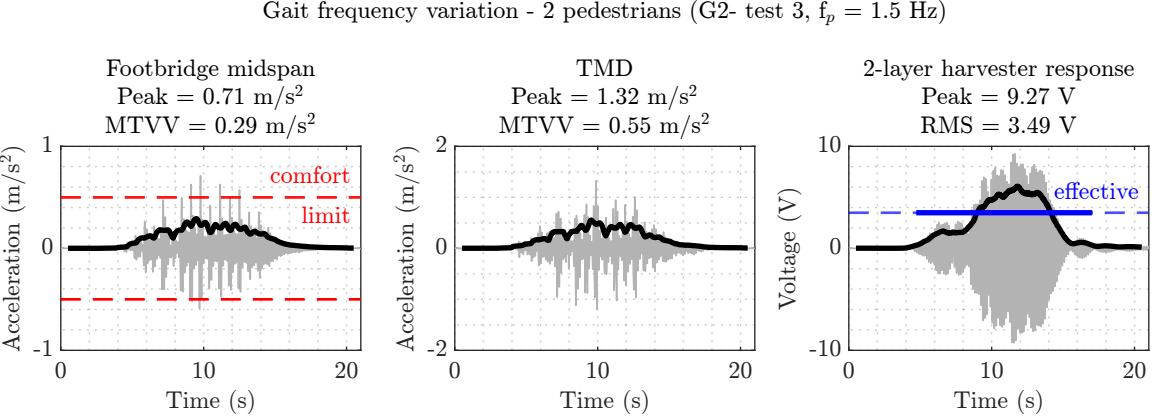

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.92 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.99 m/s²
MTVV = 0.88 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.30 V
RMS = 2.50 V
effective
Voltage (V)
Time (s)

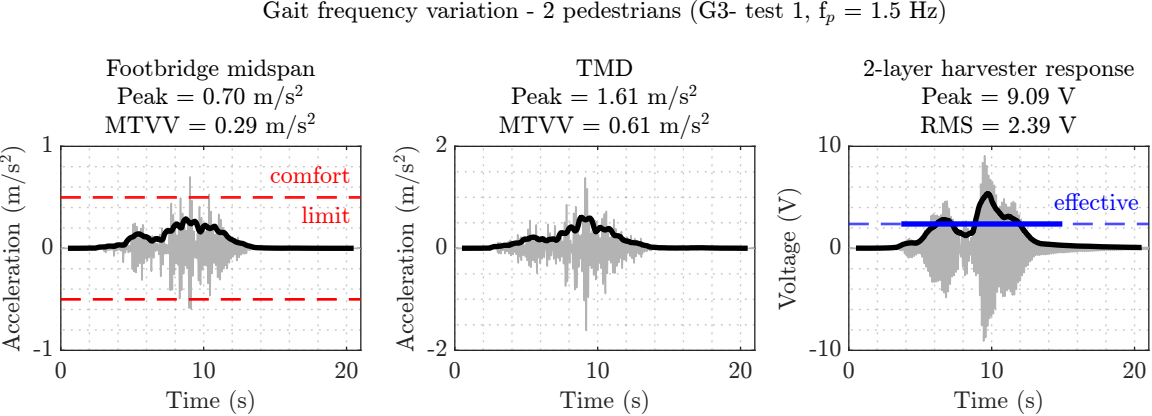

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.45 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.96 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.65 V
RMS = 2.46 V
effective
Voltage (V)
Time (s)

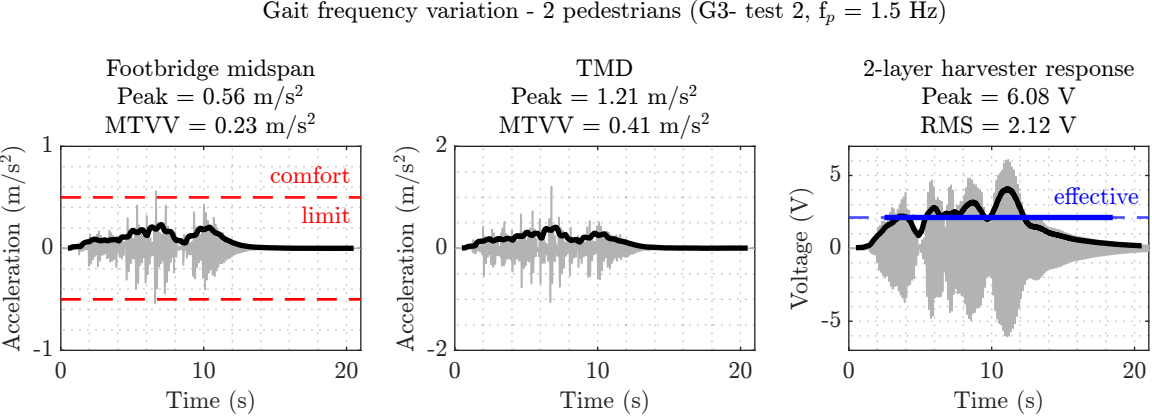

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.69 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.52 m/s²
MTVV = 0.59 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.78 V
RMS = 2.53 V
effective
Voltage (V)
Time (s)

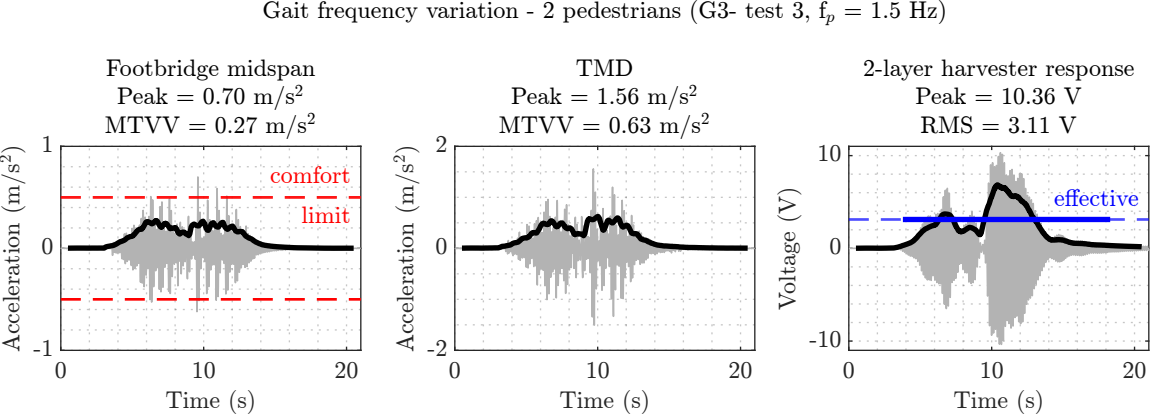

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.58 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.11 m/s^2
MTVV = 0.50 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.62 V
RMS = 2.42 V
effective
Voltage (V)
Time (s)

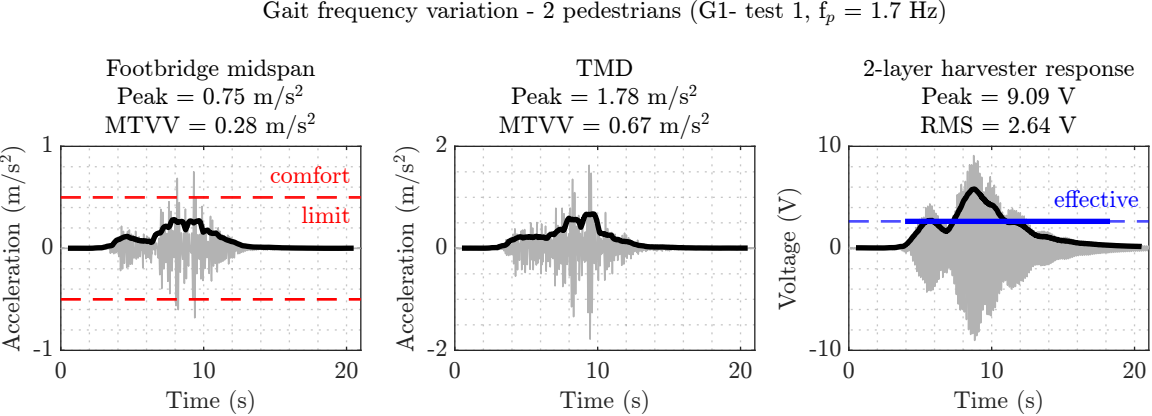

Gait frequency variation - 2 pedestrians (G2- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.60 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.01 m/s^2
MTVV = 0.43 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.86 V
RMS = 2.86 V
effective
Voltage (V)
Time (s)

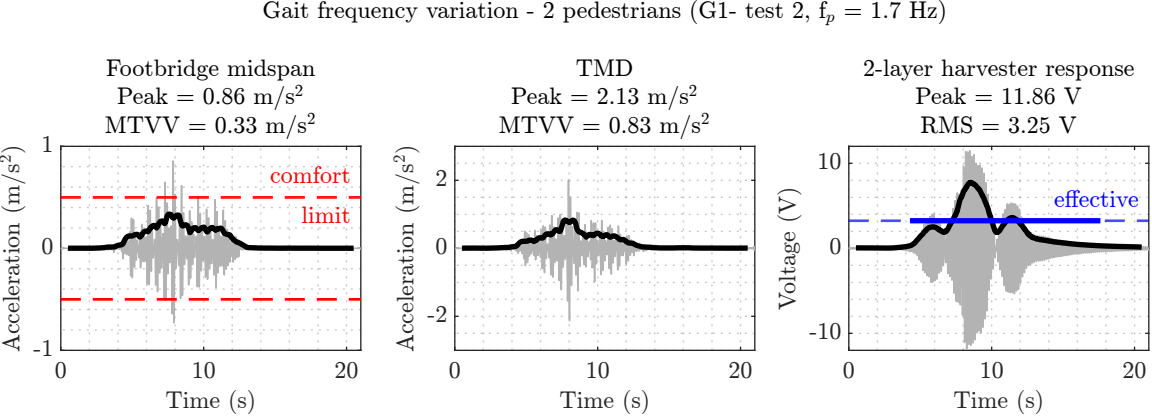

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.32 m/s²
MTVV = 0.55 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.27 V
RMS = 3.49 V
effective
Voltage (V)
Time (s)

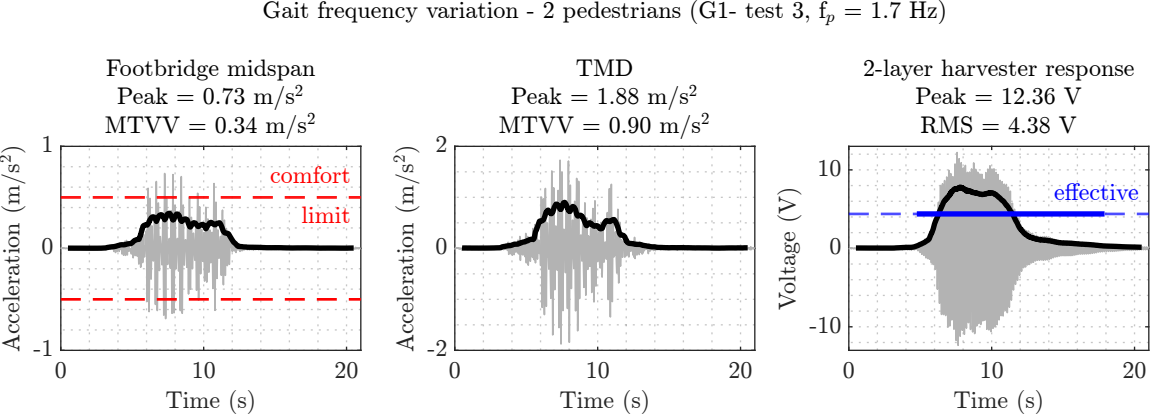

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.70 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.61 m/s²
MTVV = 0.61 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.09 V
RMS = 2.39 V
effective
Voltage (V)
Time (s)

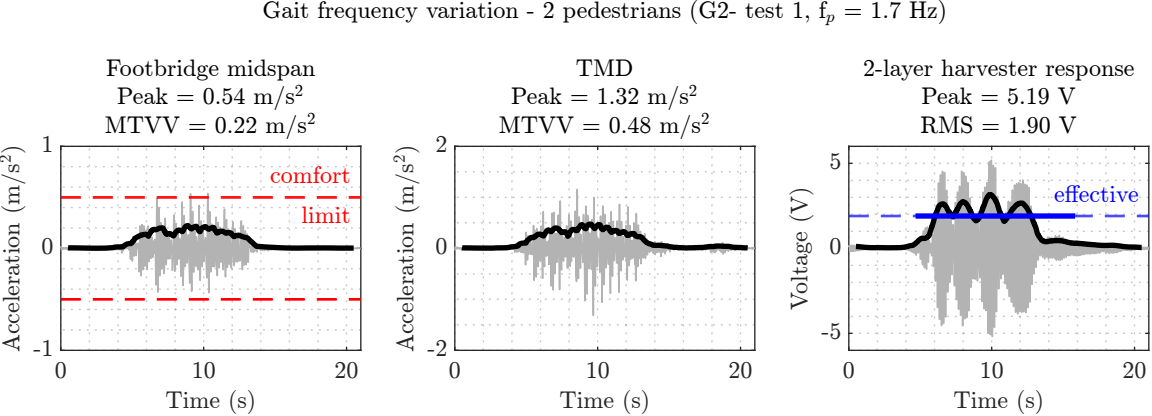

Gait frequency variation - 2 pedestrians (G3- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.56 m/s^2
MTVV = 0.23 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.21 m/s^2
MTVV = 0.41 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.08 V
RMS = 2.12 V
effective
Voltage (V)
Time (s)

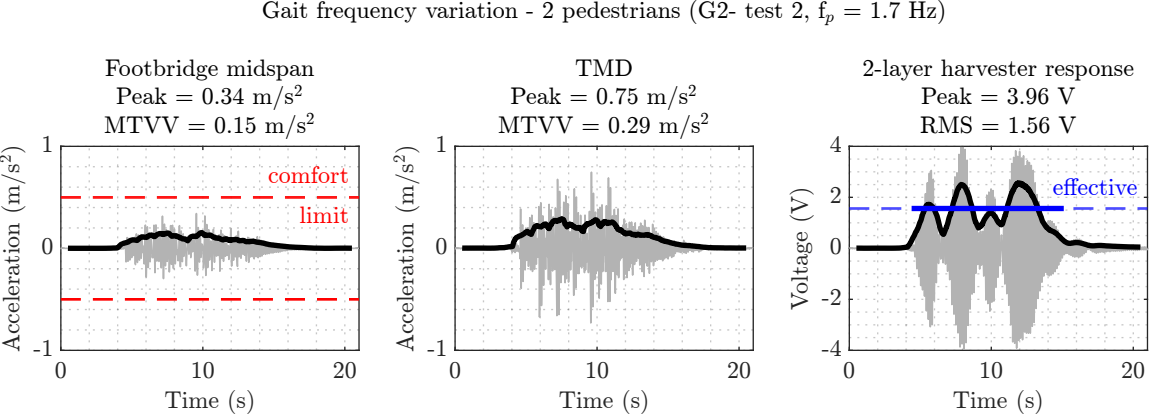

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.70 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.56 m/s²
MTVV = 0.63 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.36 V
RMS = 3.11 V
effective
Voltage (V)
Time (s)

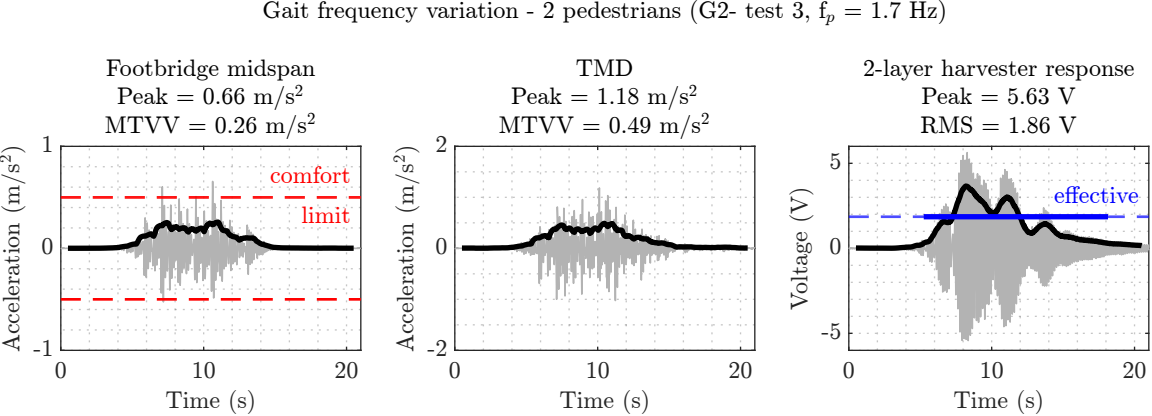

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.75 m/s^2
MTVV = 0.28 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.78 m/s^2
MTVV = 0.67 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 9.09 V
RMS = 2.64 V
effective
Voltage (V)
Time (s)

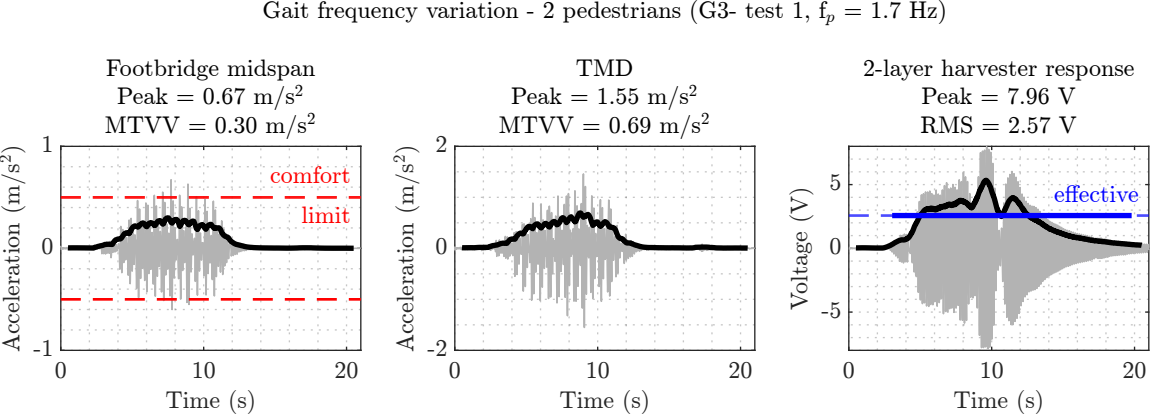

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.86 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.13 m/s²
MTVV = 0.83 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.86 V
RMS = 3.25 V
effective
Voltage (V)
Time (s)

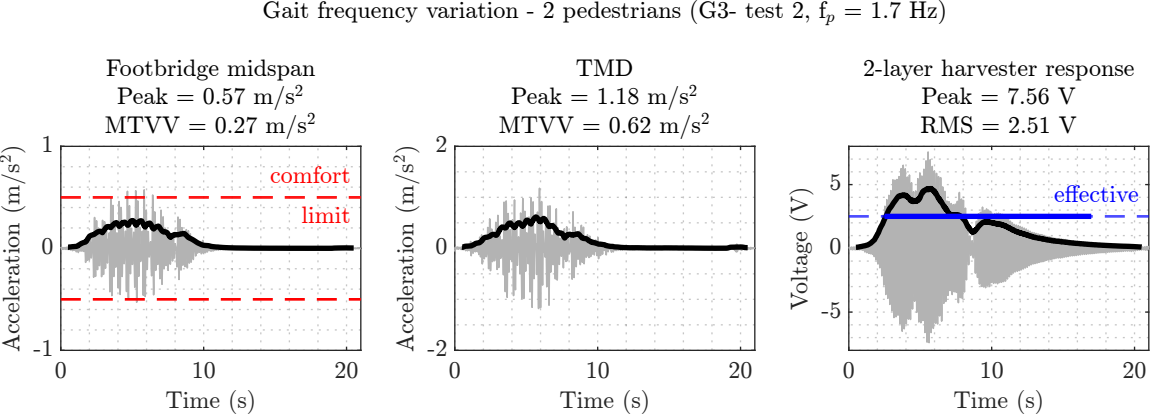

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.88 m/s²
MTVV = 0.90 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.36 V
RMS = 4.38 V
effective
Voltage (V)
Time (s)

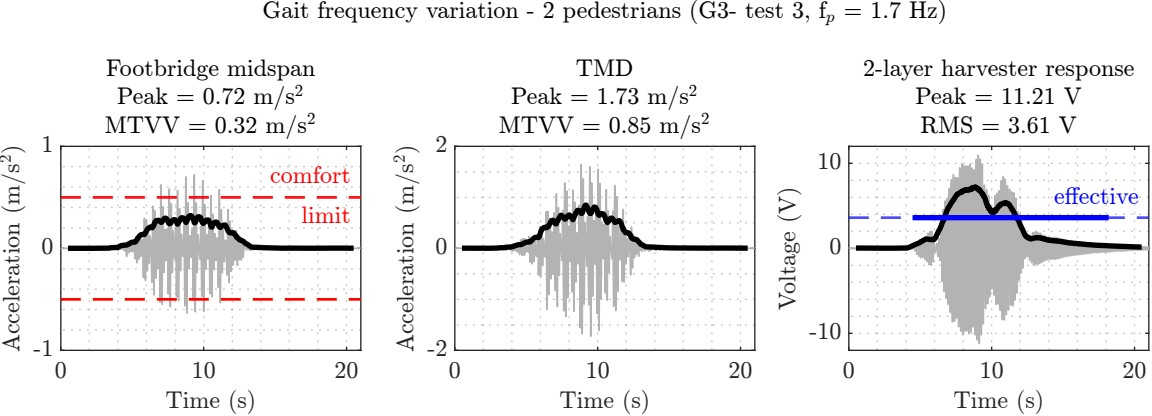

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.54 m/s^2
MTVV = 0.22 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.32 m/s^2
MTVV = 0.48 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.19 V
RMS = 1.90 V
effective
Voltage (V)
Time (s)

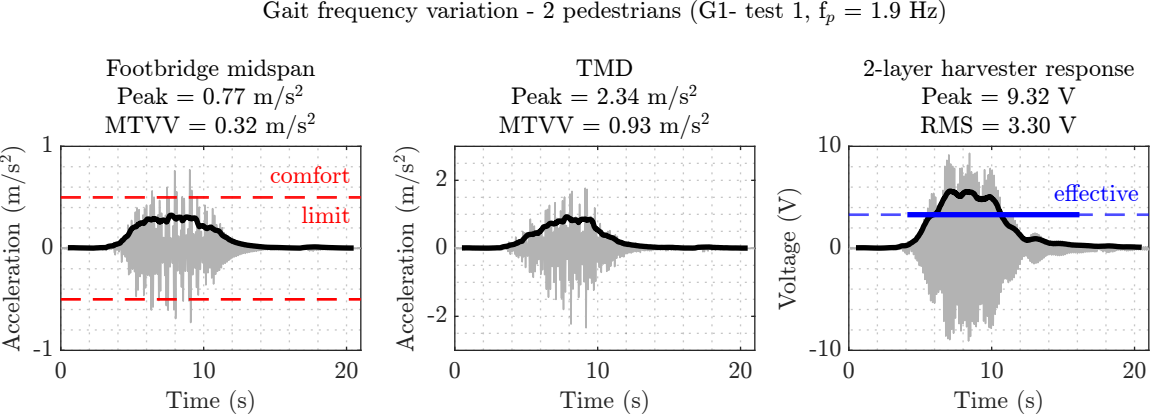

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.34 m/s²
MTVV = 0.15 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.75 m/s²
MTVV = 0.29 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.96 V
RMS = 1.56 V
effective
Voltage (V)
Time (s)

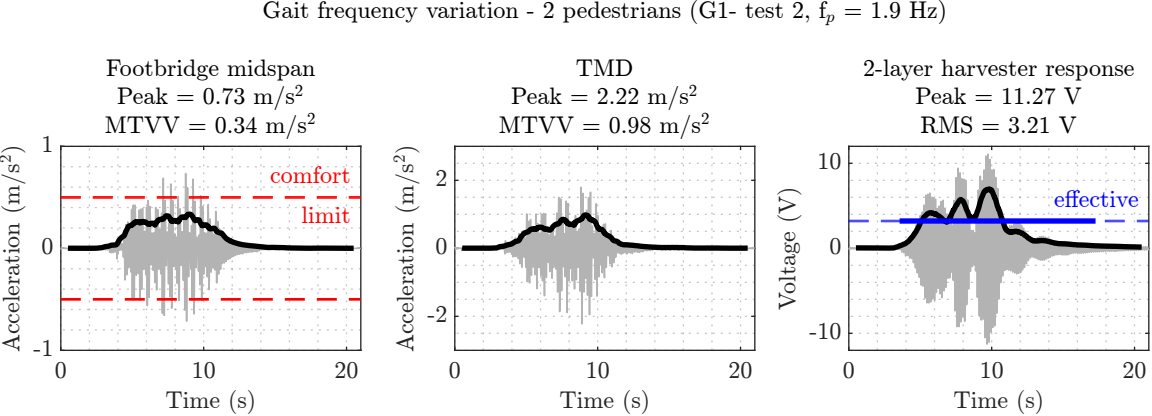

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.66 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.18 m/s²
MTVV = 0.49 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.63 V
RMS = 1.86 V
effective
Voltage (V)
Time (s)

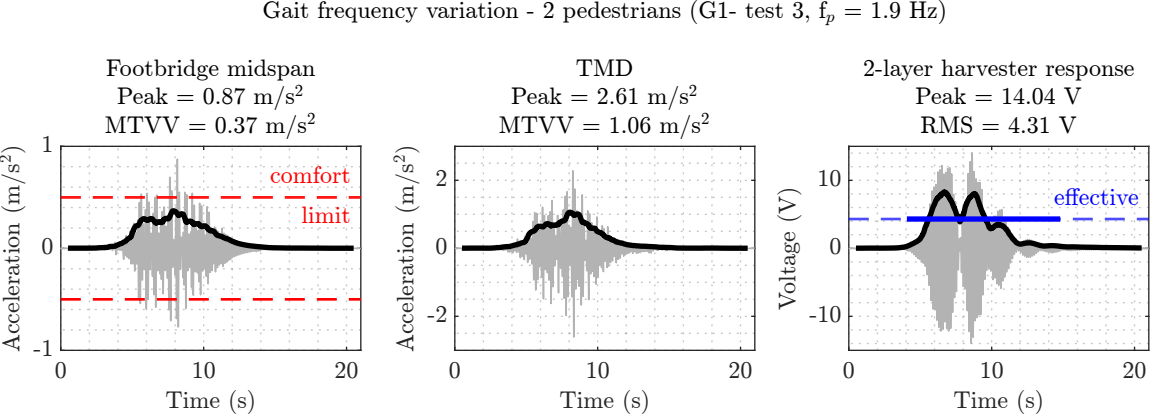

Gait frequency variation - 2 pedestrians (G3- test 1, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.67 m/s^2
MTVV = 0.30 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.55 m/s^2
MTVV = 0.69 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.96 V
RMS = 2.57 V
effective
Voltage (V)
Time (s)

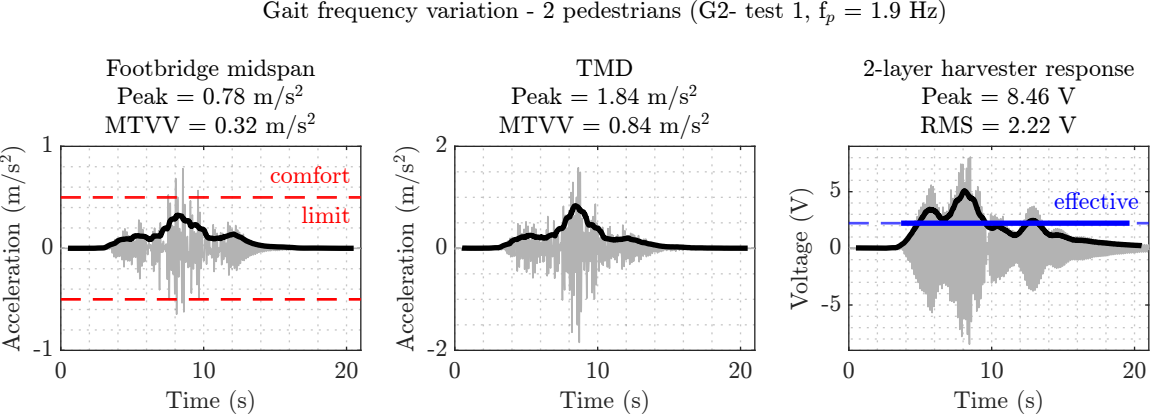

Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.57 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.18 m/s^2
MTVV = 0.62 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.56 V
RMS = 2.51 V
effective
Voltage (V)
Time (s)

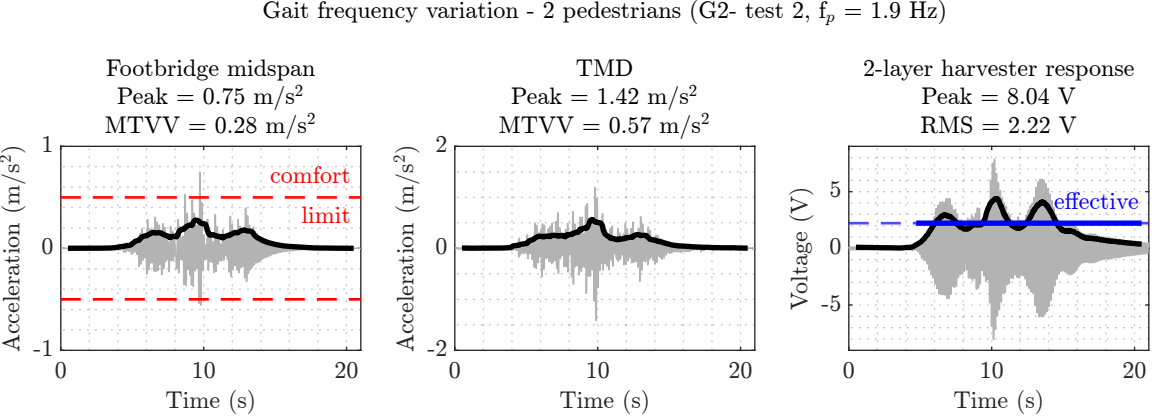

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.72 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.73 m/s²
MTVV = 0.85 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.21 V
RMS = 3.61 V
effective
Voltage (V)
Time (s)

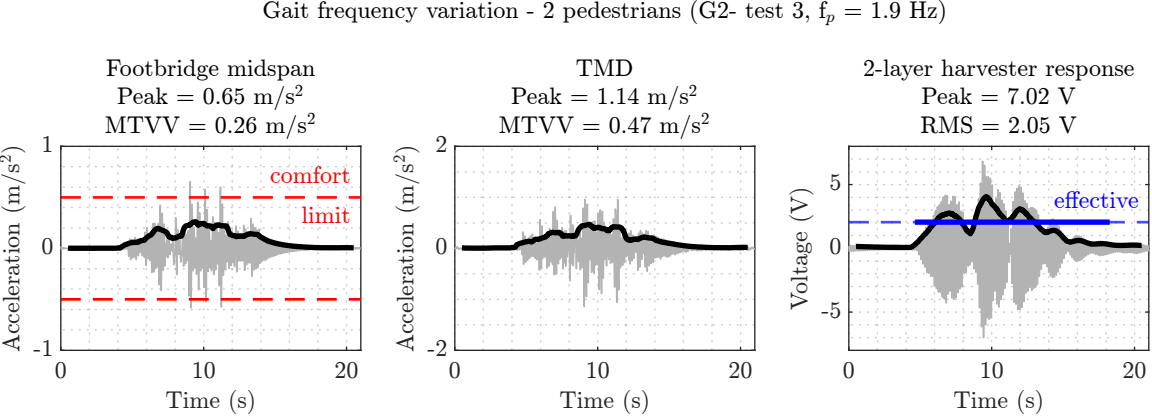

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.77 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.34 m/s²
MTVV = 0.93 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.32 V
RMS = 3.30 V
effective
Voltage (V)
Time (s)

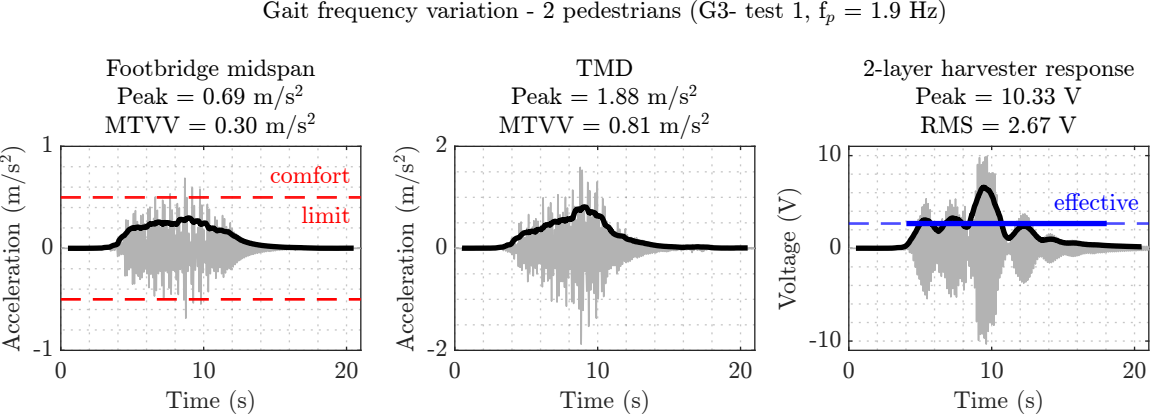

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.22 m/s²
MTVV = 0.98 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.27 V
RMS = 3.21 V
effective
Voltage (V)
Time (s)

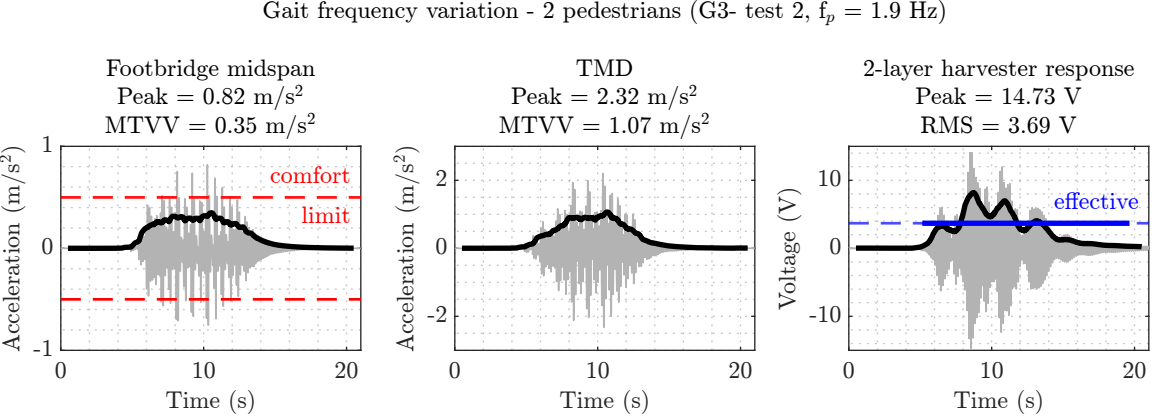

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.87 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.61 m/s²
MTVV = 1.06 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 14.04 V
RMS = 4.31 V
effective
Voltage (V)
Time (s)

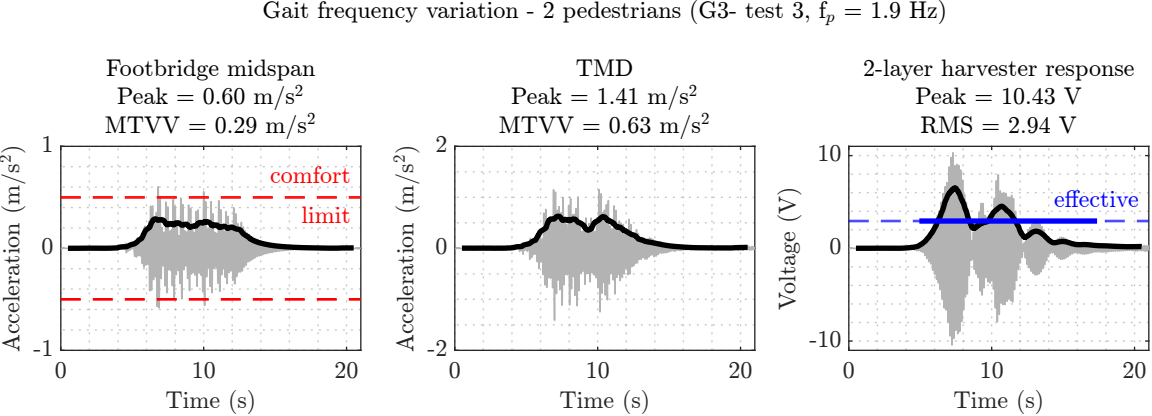

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.78 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.84 m/s²
MTVV = 0.84 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.46 V
RMS = 2.22 V
effective
Voltage (V)
Time (s)

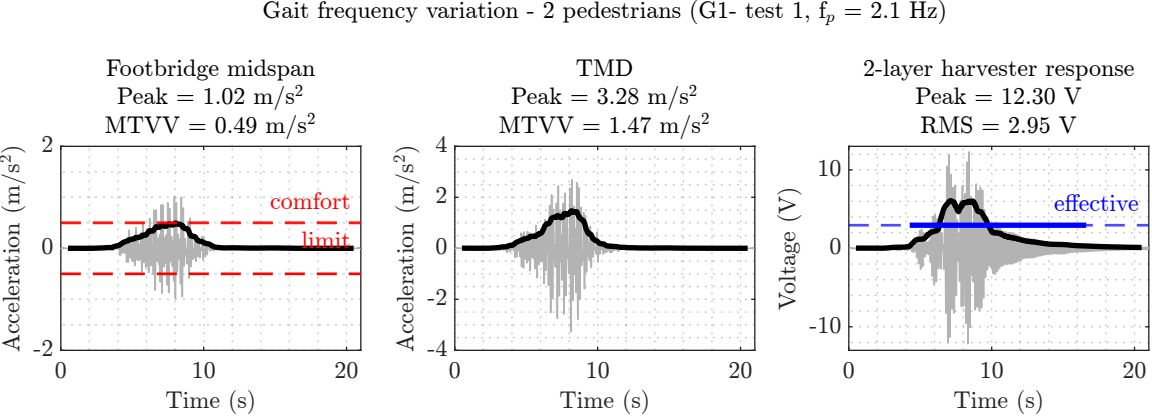

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.75 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.42 m/s²
MTVV = 0.57 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.04 V
RMS = 2.22 V
effective
Voltage (V)
Time (s)

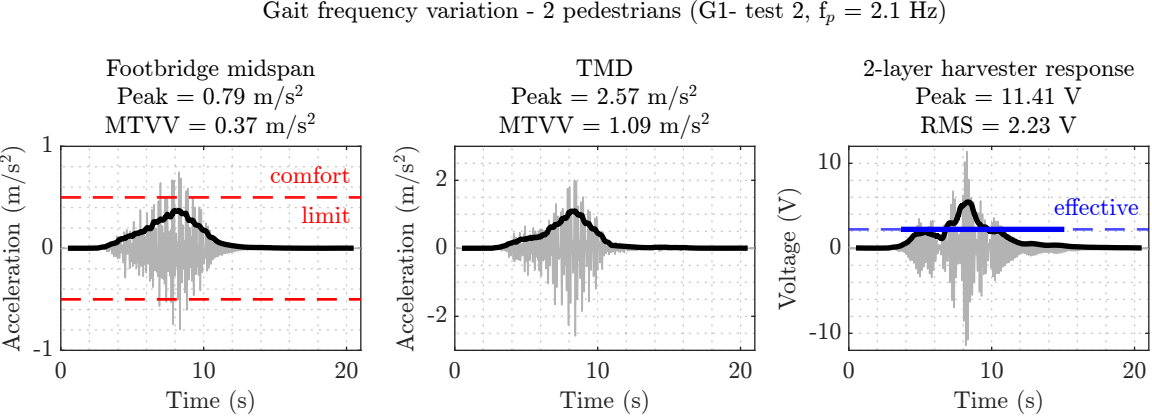

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.65 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.14 m/s²
MTVV = 0.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.02 V
RMS = 2.05 V
effective
Voltage (V)
Time (s)

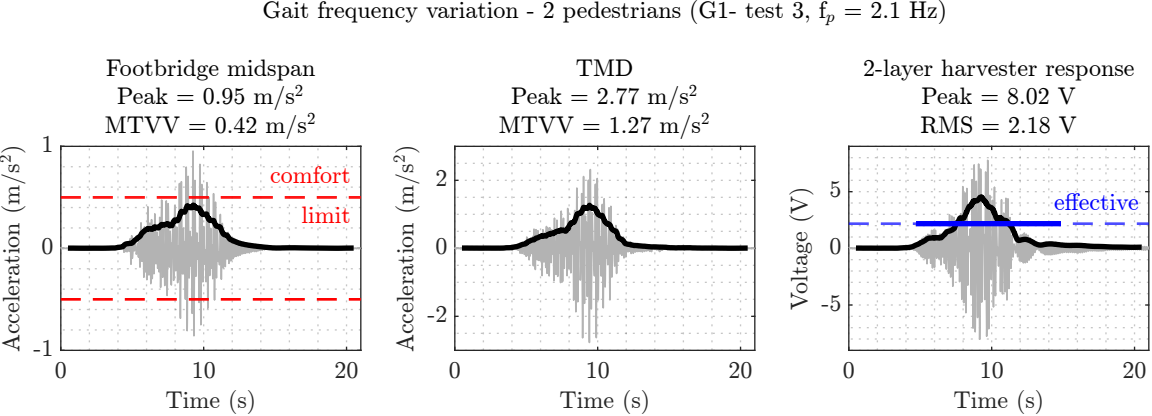

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.69 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.88 m/s²
MTVV = 0.81 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.33 V
RMS = 2.67 V
effective
Voltage (V)
Time (s)

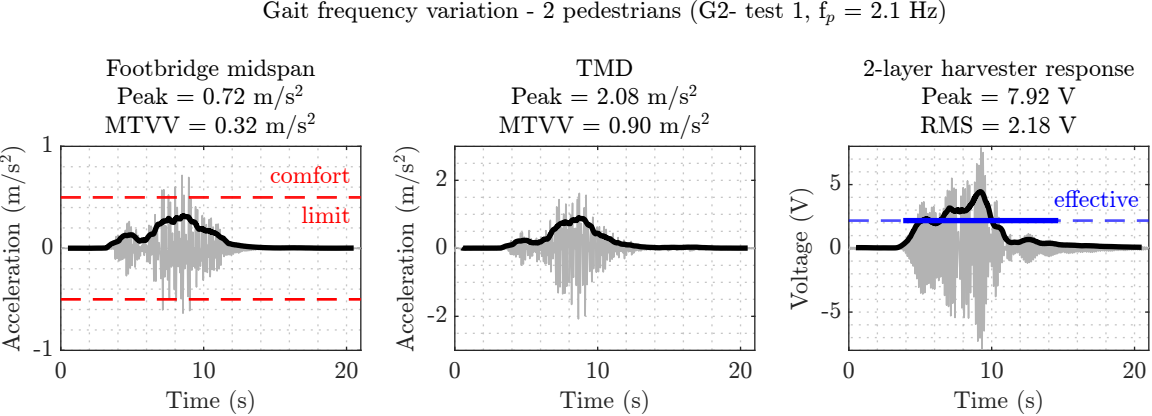

Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.82 m/s^2
MTVV = 0.35 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 2.32 m/s^2
MTVV = 1.07 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 14.73 V
RMS = 3.69 V
effective
Voltage (V)
Time (s)

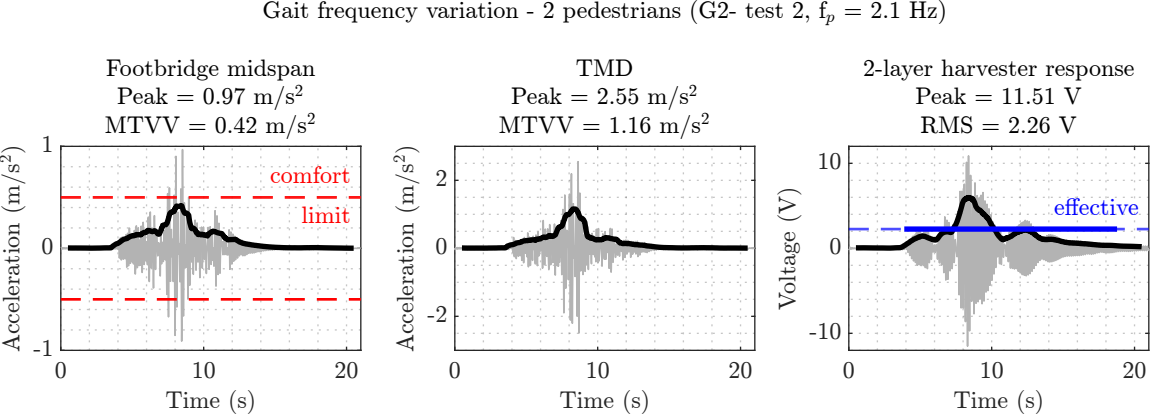

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.60 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.41 m/s²
MTVV = 0.63 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.43 V
RMS = 2.94 V
effective
Voltage (V)
Time (s)

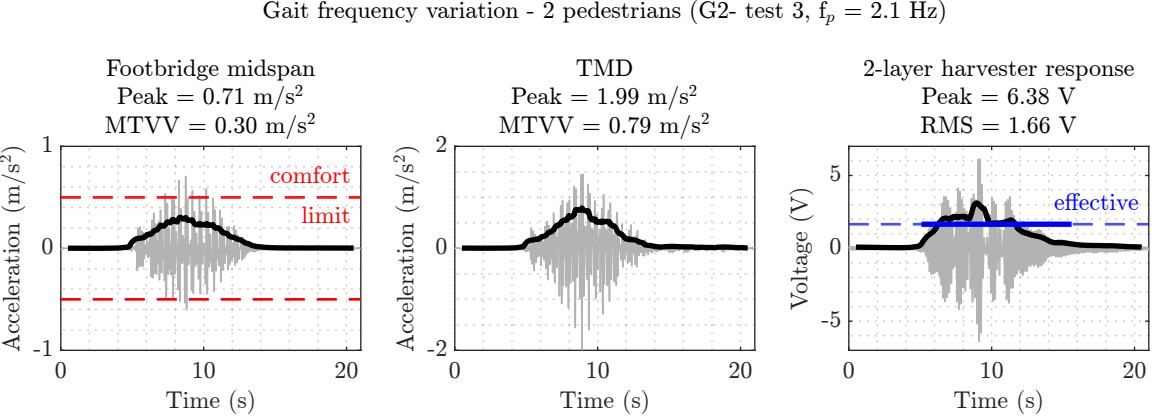

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 1.02 m/s²
MTVV = 0.49 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 3.28 m/s²
MTVV = 1.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.30 V
RMS = 2.95 V
effective
Voltage (V)
Time (s)

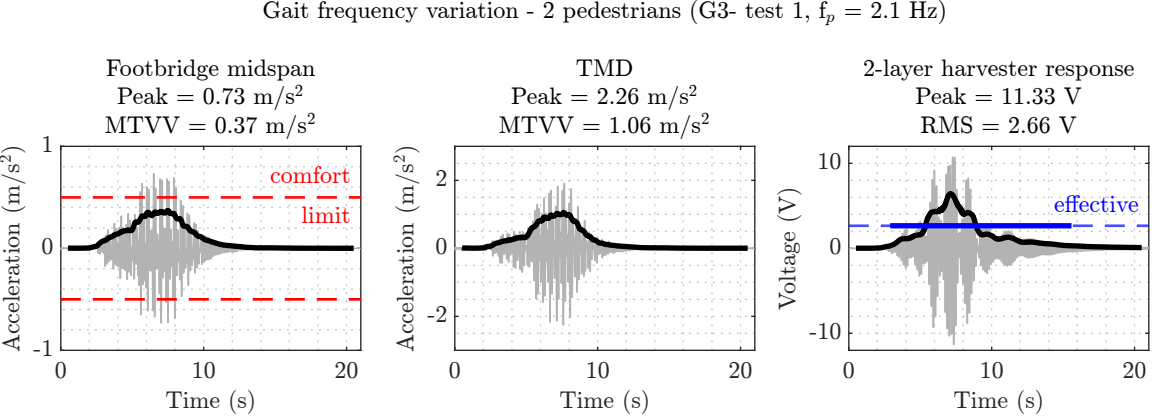

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.79 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.57 m/s²
MTVV = 1.09 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.41 V
RMS = 2.23 V
effective
Voltage (V)
Time (s)

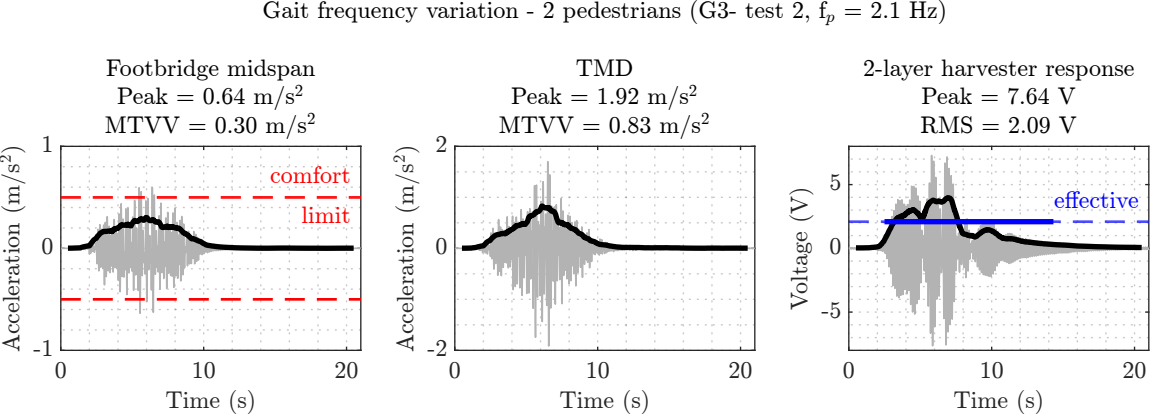

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.95 m/s²
MTVV = 0.42 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.77 m/s²
MTVV = 1.27 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.02 V
RMS = 2.18 V
effective
Voltage (V)
Time (s)

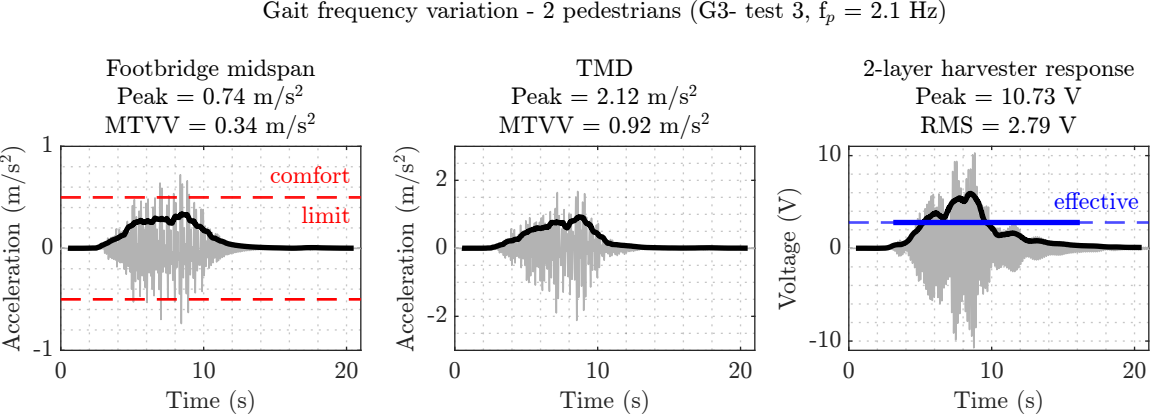

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.72 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.08 m/s²
MTVV = 0.90 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.92 V
RMS = 2.18 V
effective
Voltage (V)
Time (s)

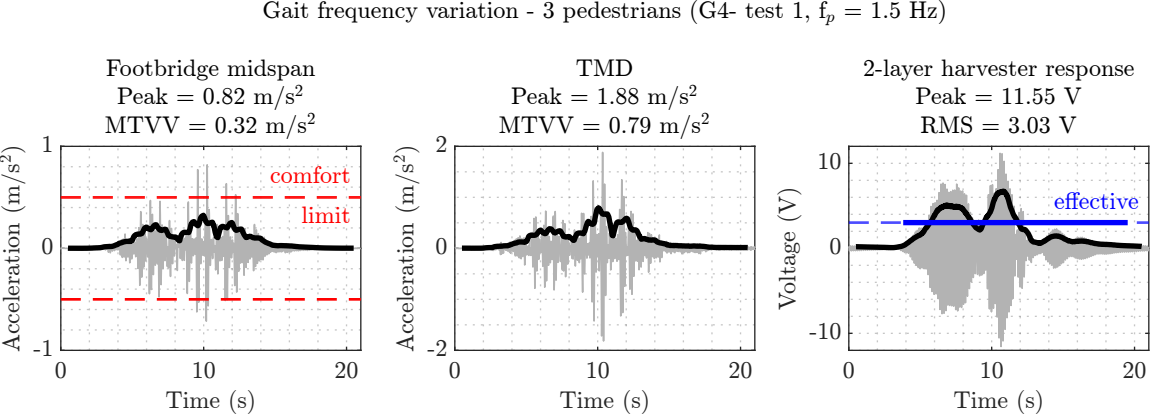

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.97 m/s²
MTVV = 0.42 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.55 m/s²
MTVV = 1.16 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.51 V
RMS = 2.26 V
effective
Voltage (V)
Time (s)

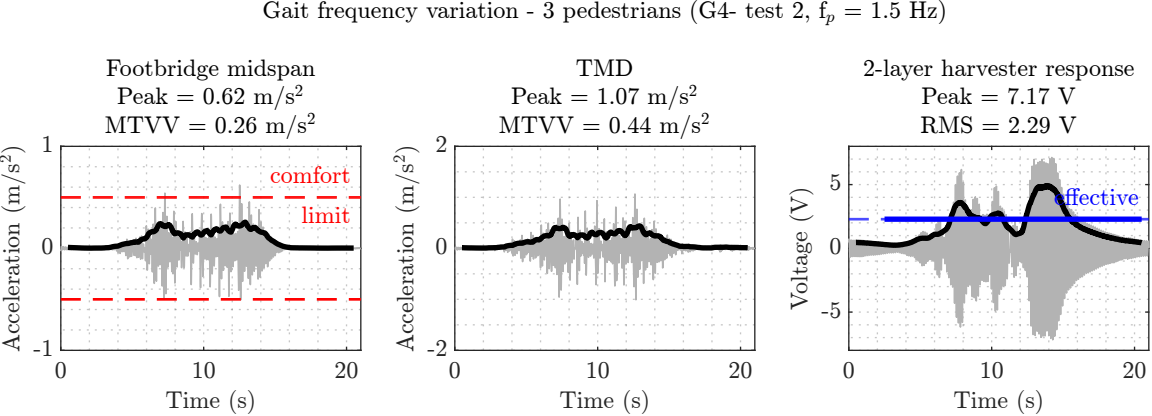

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.99 m/s²
MTVV = 0.79 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.38 V
RMS = 1.66 V
effective
Voltage (V)
Time (s)

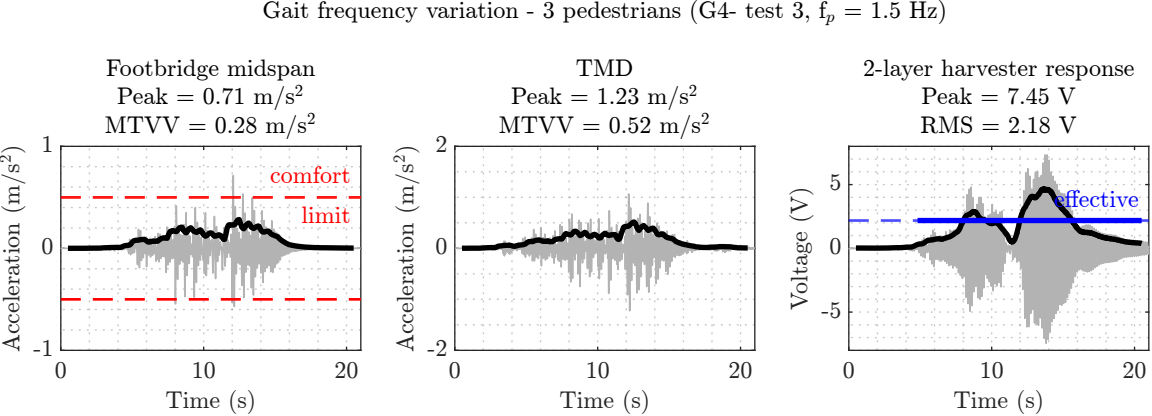

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.26 m/s²
MTVV = 1.06 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.33 V
RMS = 2.66 V
effective
Voltage (V)
Time (s)

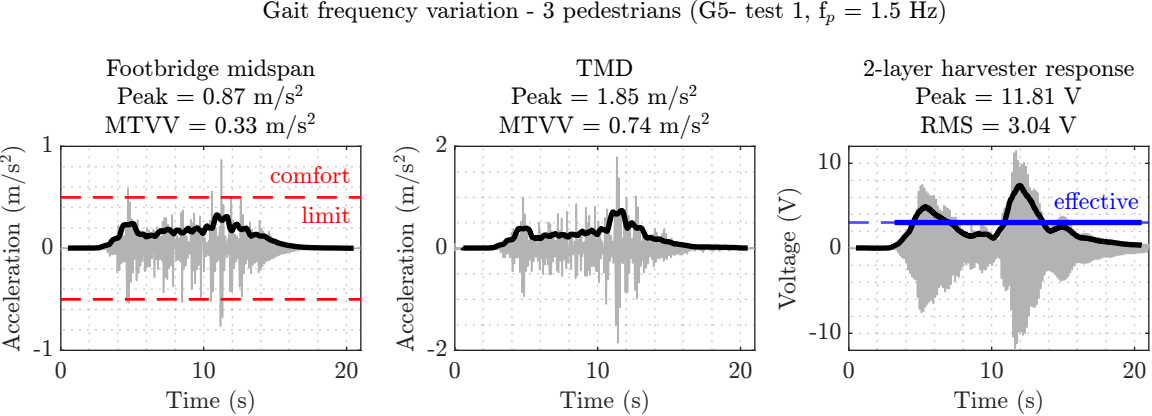

Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.64 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.92 m/s²
MTVV = 0.83 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.64 V
RMS = 2.09 V
effective
Voltage (V)
Time (s)

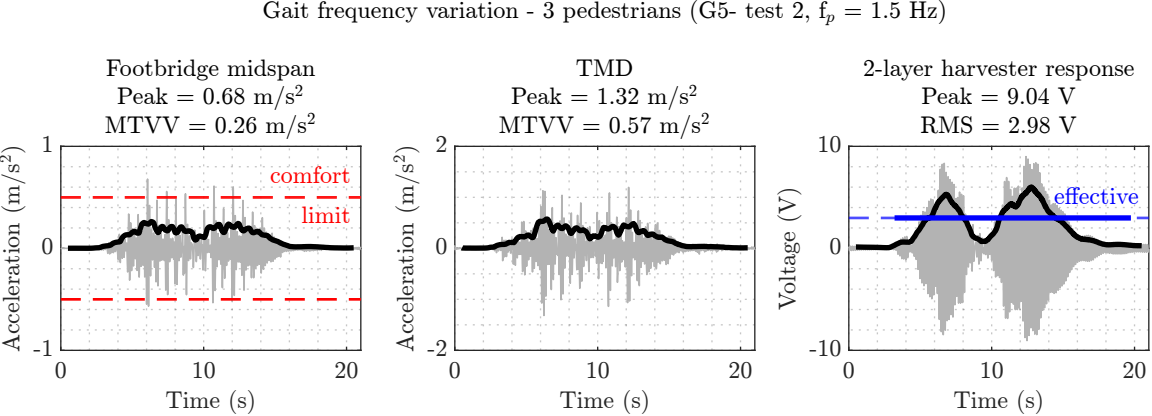

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.74 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.12 m/s²
MTVV = 0.92 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.73 V
RMS = 2.79 V
effective
Voltage (V)
Time (s)

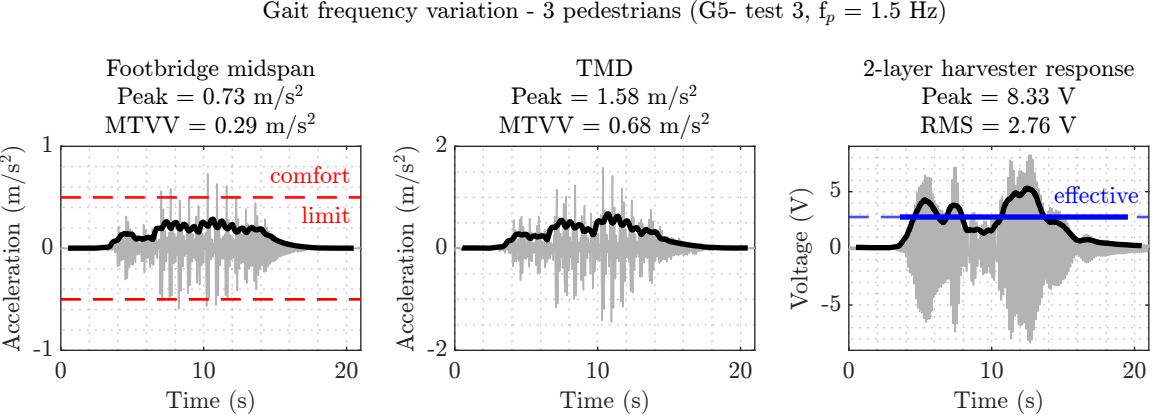

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.82 m/s^2
MTVV = 0.32 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.88 m/s^2
MTVV = 0.79 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 11.55 V
RMS = 3.03 V
effective
Voltage (V)
Time (s)

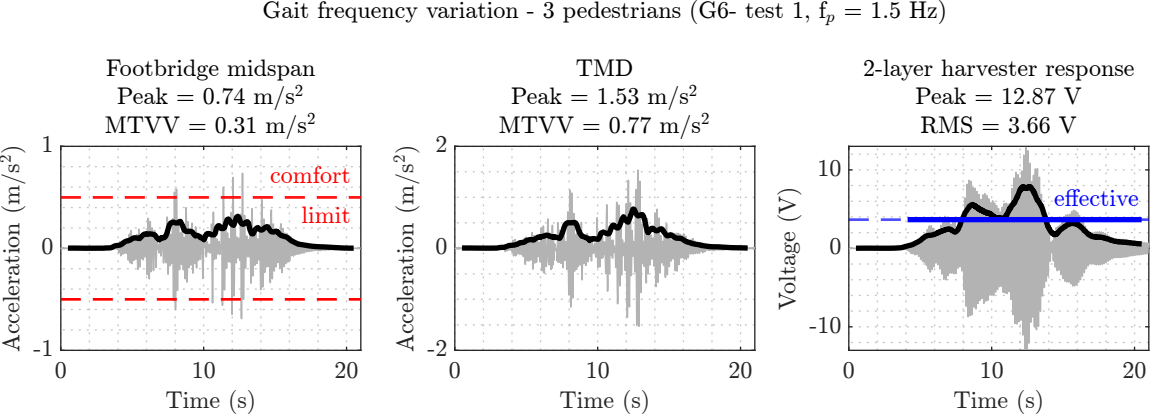

Gait frequency variation - 3 pedestrians (G4- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.62 m/s^2
MTVV = 0.26 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.07 m/s^2
MTVV = 0.44 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.17 V
RMS = 2.29 V
effective
Voltage (V)
Time (s)

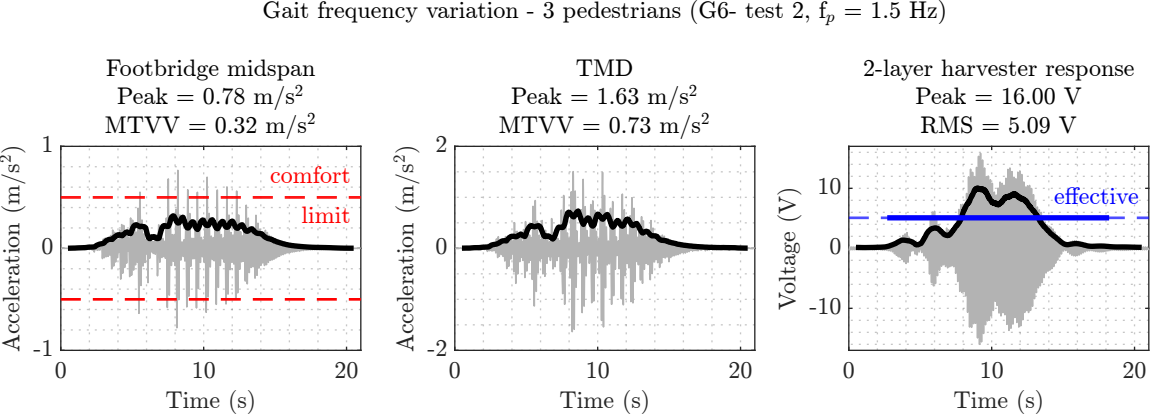

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.23 m/s²
MTVV = 0.52 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.45 V
RMS = 2.18 V
effective
Voltage (V)
Time (s)

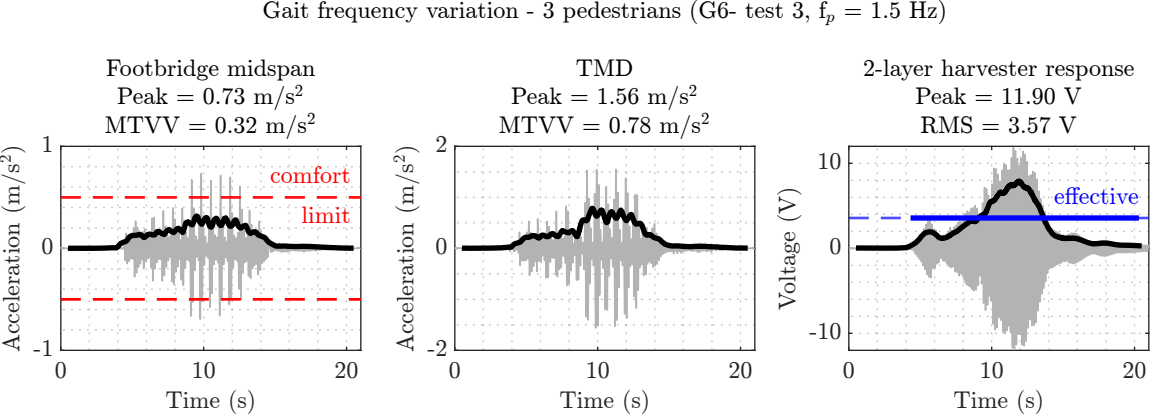

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.87 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.85 m/s²
MTVV = 0.74 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.81 V
RMS = 3.04 V
effective
Voltage (V)
Time (s)

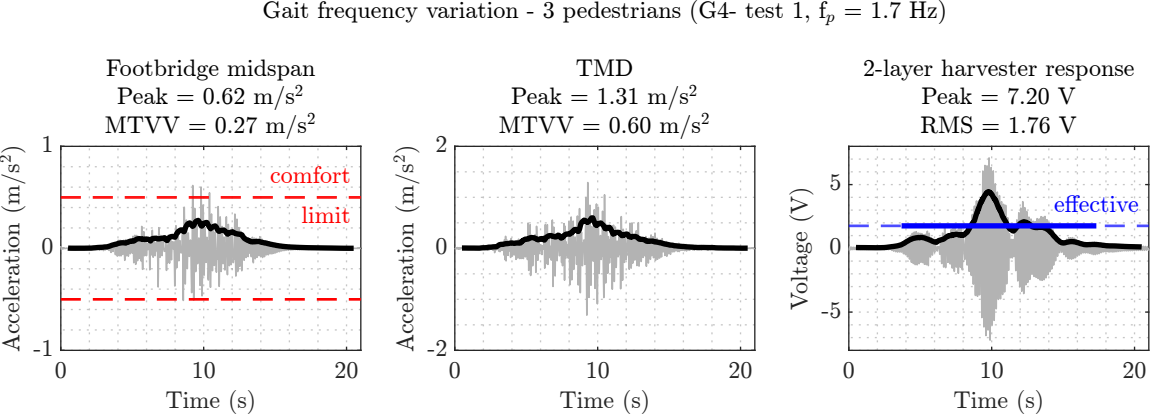

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.68 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.32 m/s²
MTVV = 0.57 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.04 V
RMS = 2.98 V
effective
Voltage (V)
Time (s)

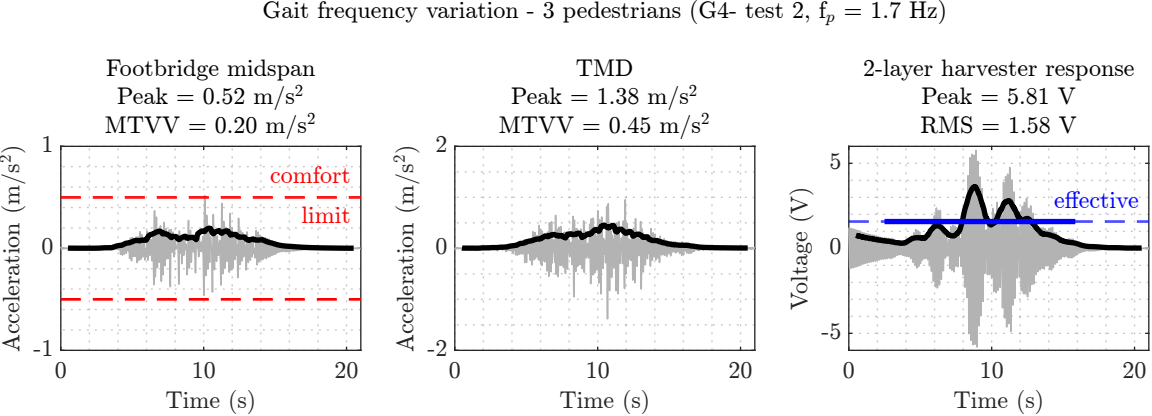

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.58 m/s²
MTVV = 0.68 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.33 V
RMS = 2.76 V
effective
Voltage (V)
Time (s)

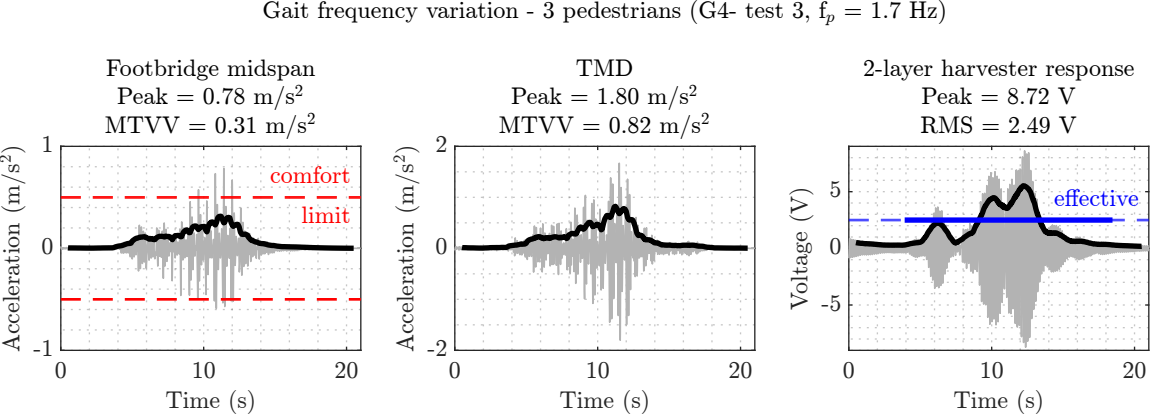

Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.74 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.53 m/s²
MTVV = 0.77 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.87 V
RMS = 3.66 V
effective
Voltage (V)
Time (s)

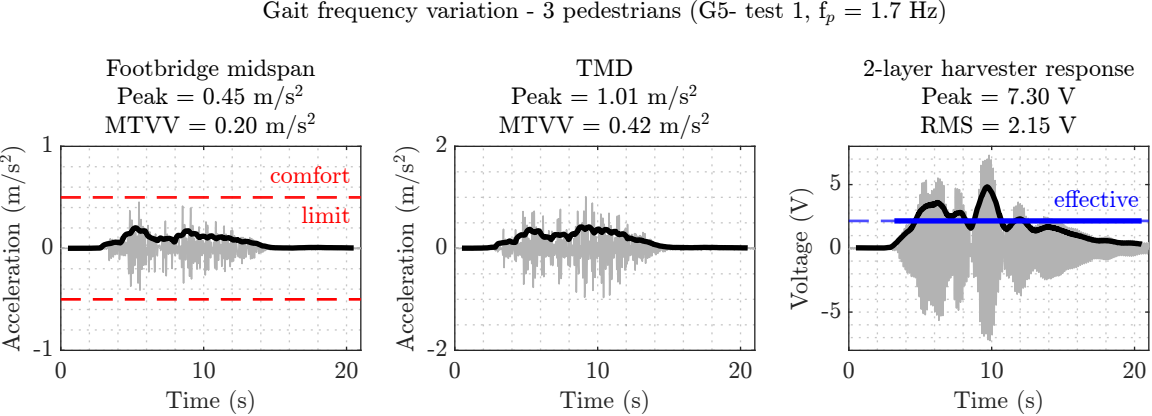

Gait frequency variation - 3 pedestrians (G6- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.78 m/s^2
MTVV = 0.32 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.63 m/s^2
MTVV = 0.73 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 16.00 V
RMS = 5.09 V
effective
Voltage (V)
Time (s)

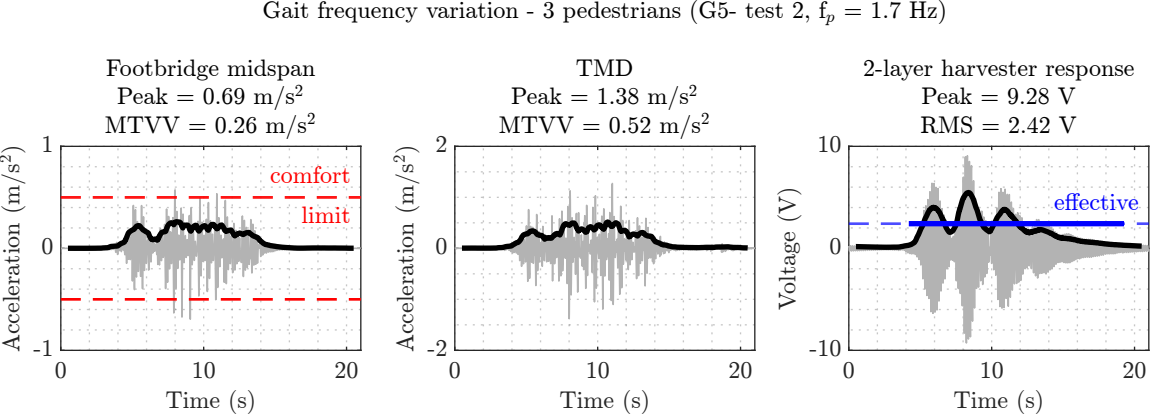

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.56 m/s²
MTVV = 0.78 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.90 V
RMS = 3.57 V
effective
Voltage (V)
Time (s)

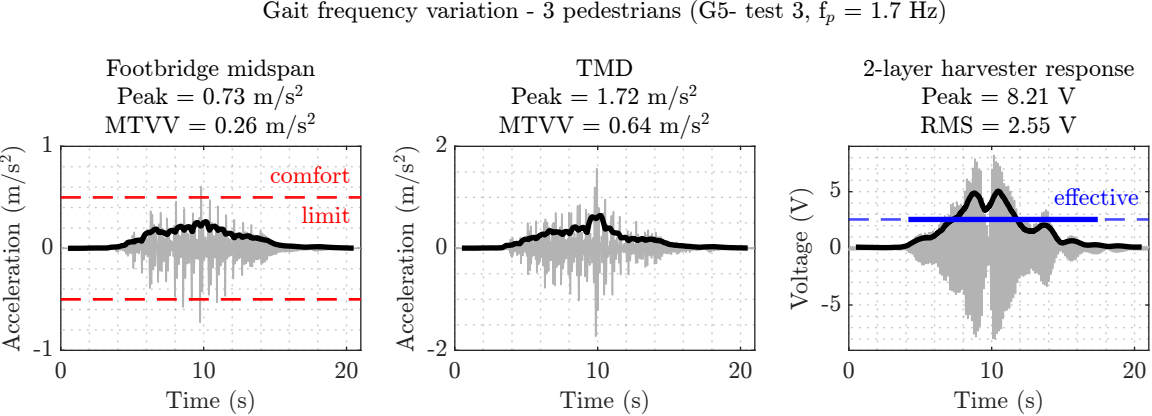

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.62 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.31 m/s²
MTVV = 0.60 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.20 V
RMS = 1.76 V
effective
Voltage (V)
Time (s)

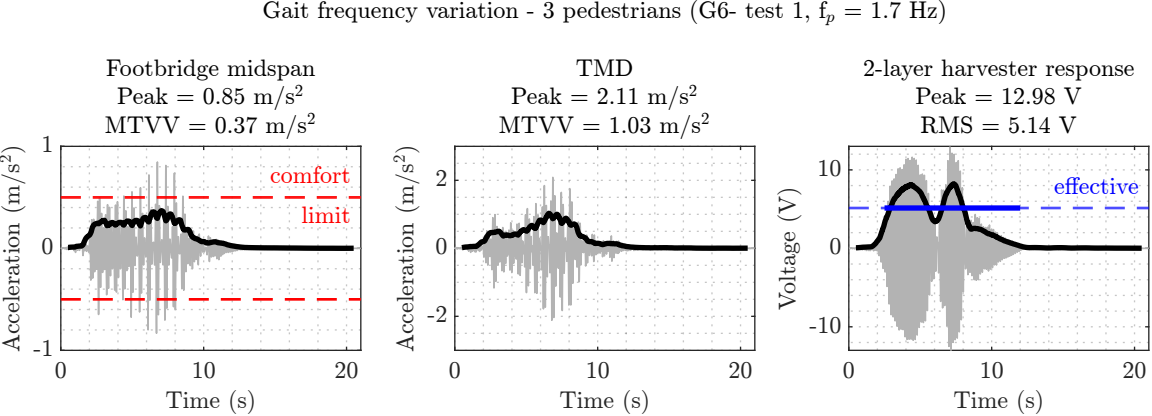

Gait frequency variation - 3 pedestrians (G4- test 2, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.52 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.38 m/s^2
MTVV = 0.45 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.81 V
RMS = 1.58 V
effective
Voltage (V)
Time (s)

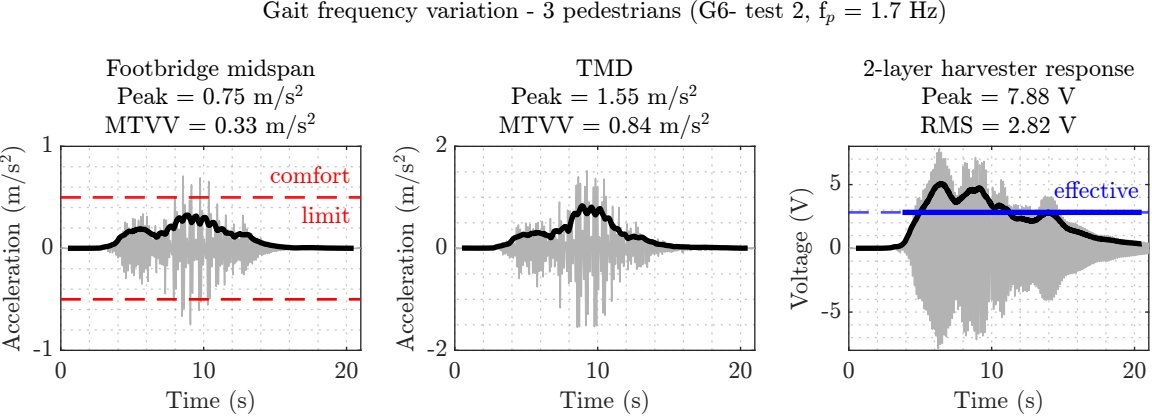

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.78 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.80 m/s²
MTVV = 0.82 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.72 V
RMS = 2.49 V
effective
Voltage (V)
Time (s)

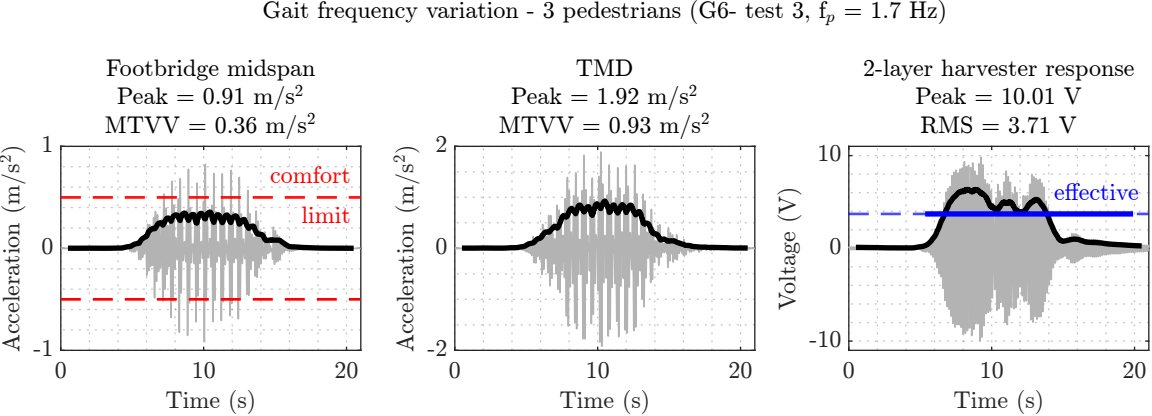

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.45 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.01 m/s²
MTVV = 0.42 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.30 V
RMS = 2.15 V
effective
Voltage (V)
Time (s)

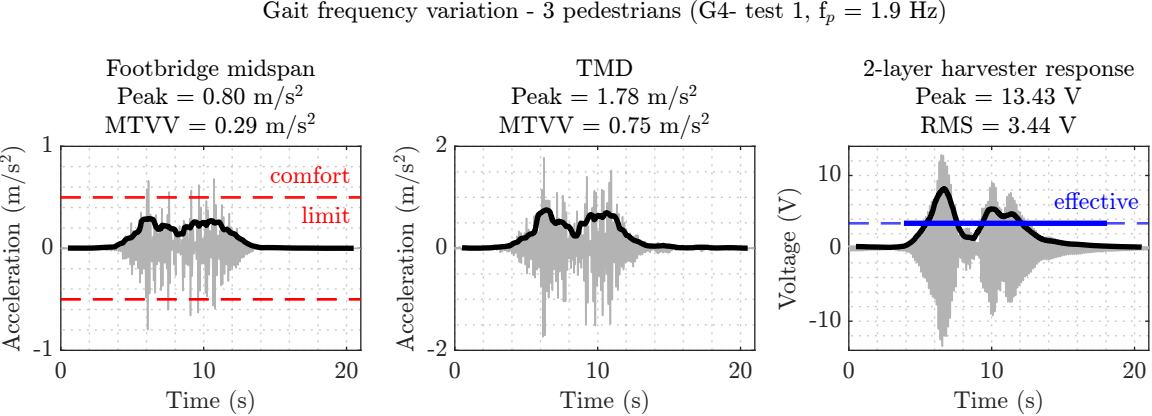

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.69 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.38 m/s²
MTVV = 0.52 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.28 V
RMS = 2.42 V
effective
Voltage (V)
Time (s)

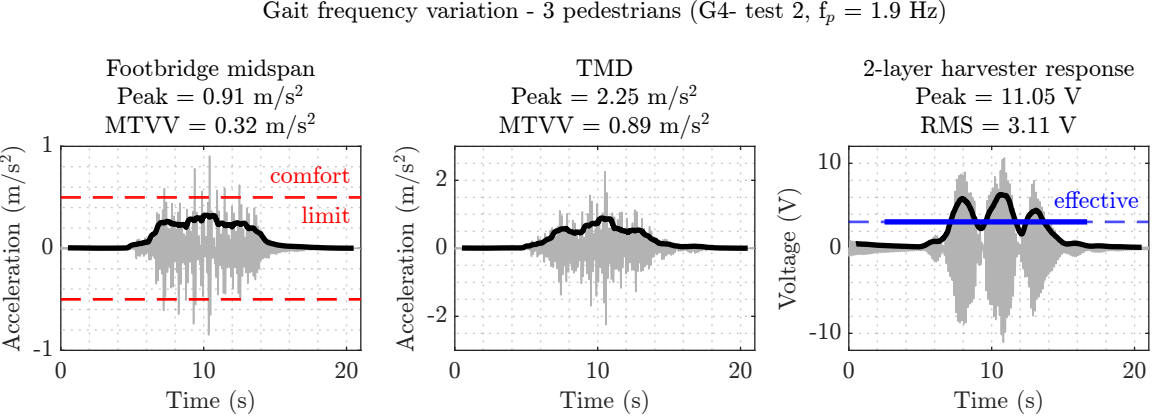

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.72 m/s²
MTVV = 0.64 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.21 V
RMS = 2.55 V
effective
Voltage (V)
Time (s)

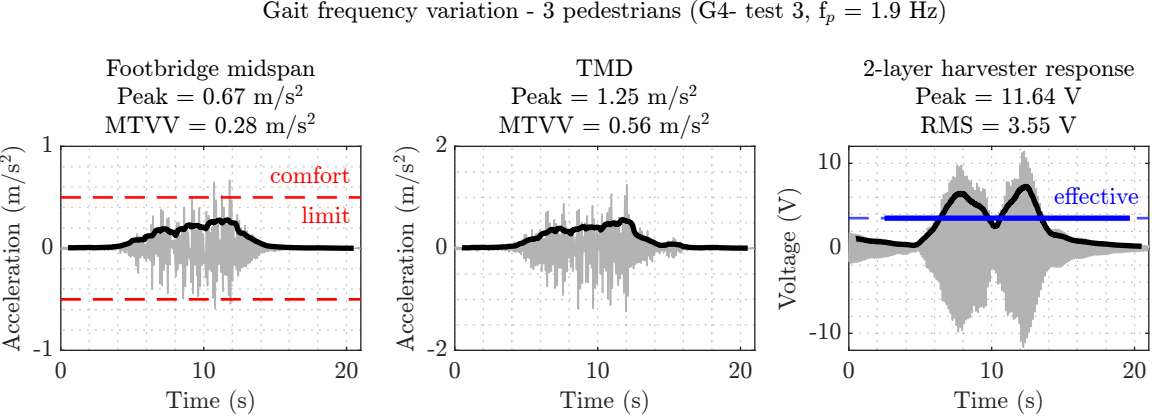

Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.85 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.11 m/s²
MTVV = 1.03 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.98 V
RMS = 5.14 V
effective
Voltage (V)
Time (s)

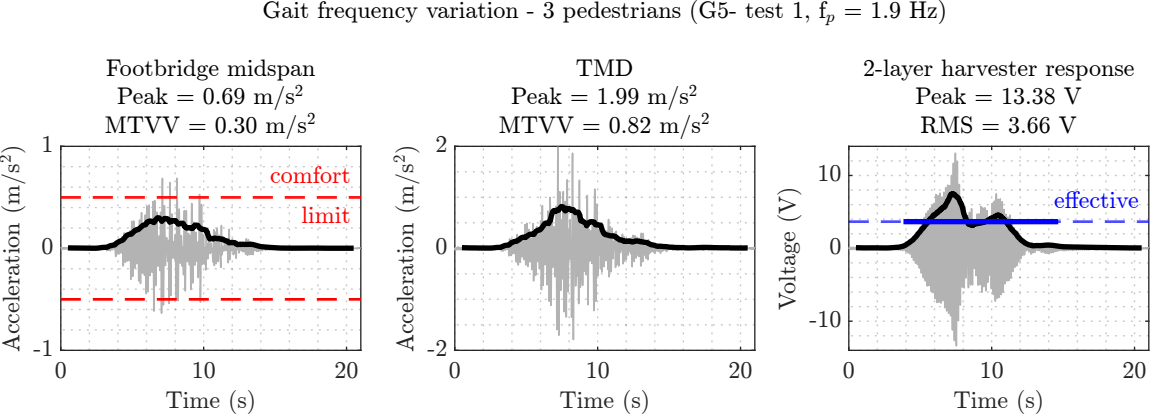

Gait frequency variation - 3 pedestrians (G6- test 2, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.75 m/s^2
MTVV = 0.33 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.55 m/s^2
MTVV = 0.84 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.88 V
RMS = 2.82 V
effective
Voltage (V)
Time (s)

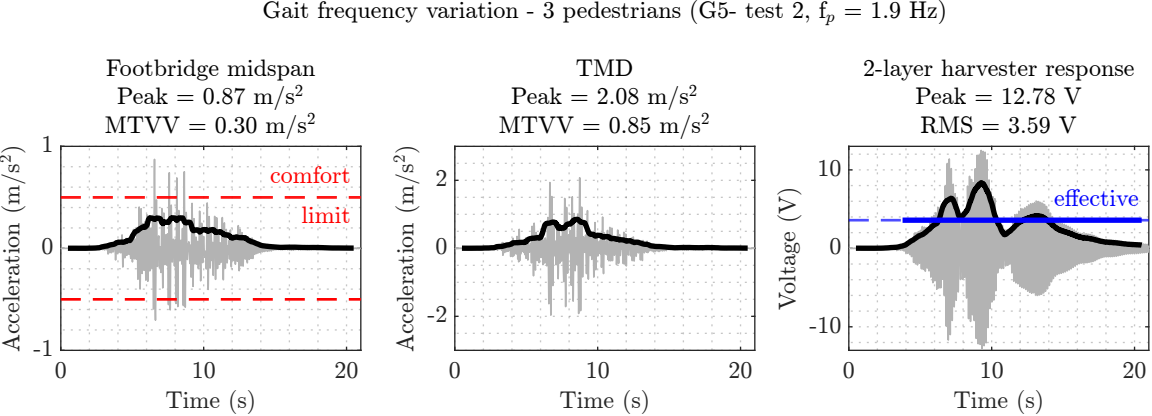

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.91 m/s²
MTVV = 0.36 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.92 m/s²
MTVV = 0.93 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.01 V
RMS = 3.71 V
effective
Voltage (V)
Time (s)

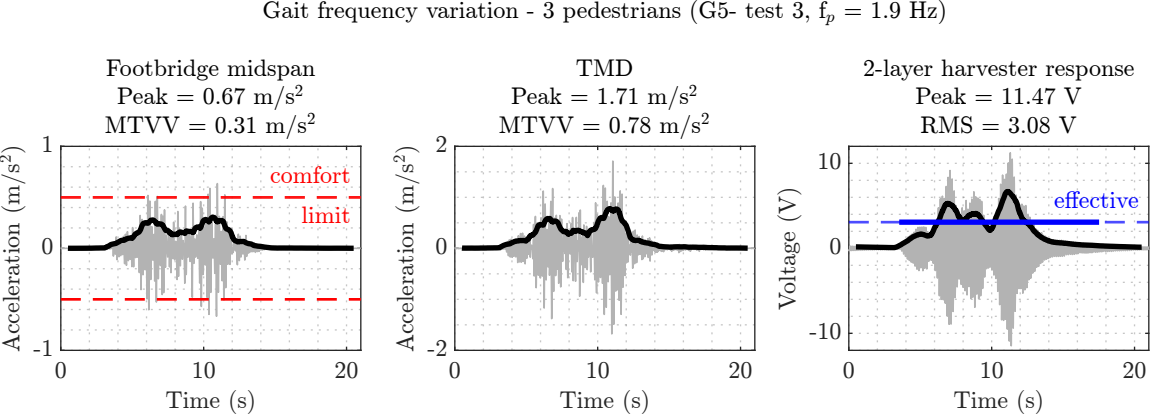

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.80 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.78 m/s²
MTVV = 0.75 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 13.43 V
RMS = 3.44 V
effective
Voltage (V)
Time (s)

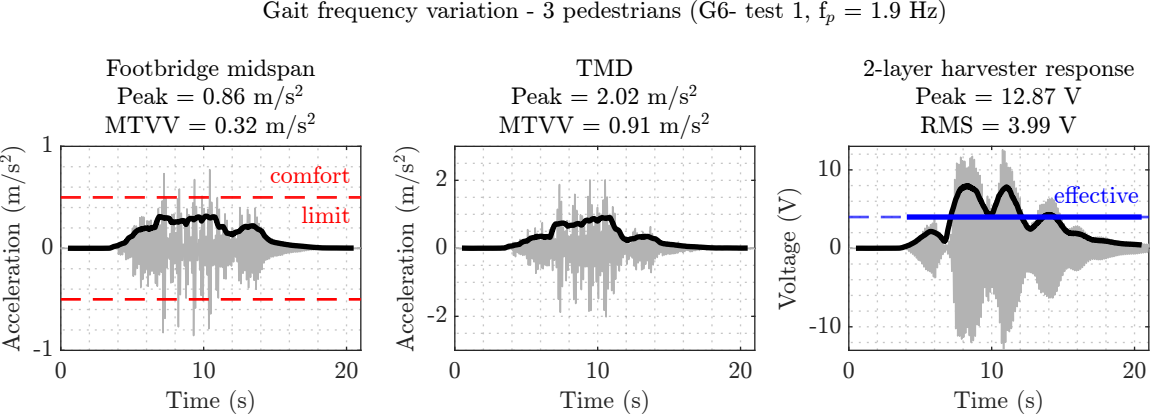

Gait frequency variation - 3 pedestrians (G4- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.91 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.25 m/s²
MTVV = 0.89 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.05 V
RMS = 3.11 V
effective
Voltage (V)
Time (s)

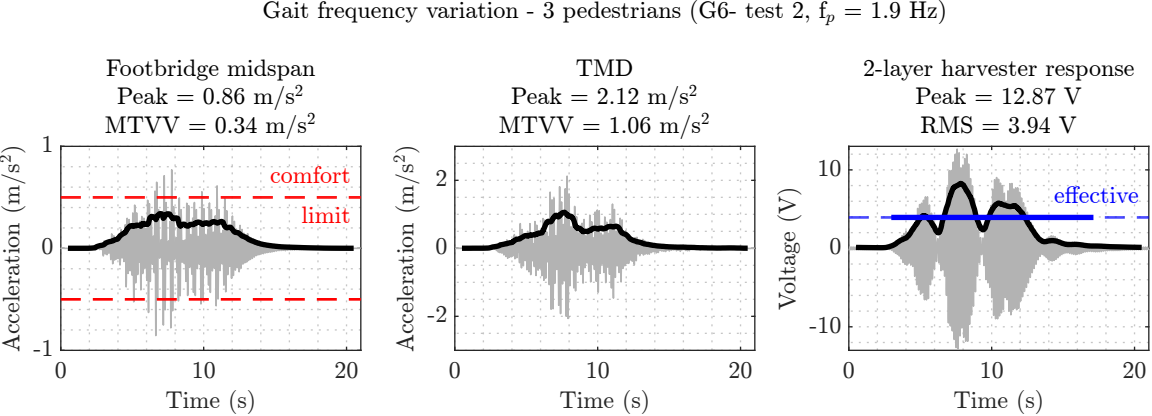

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.67 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.25 m/s²
MTVV = 0.56 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.64 V
RMS = 3.55 V
effective
Voltage (V)
Time (s)

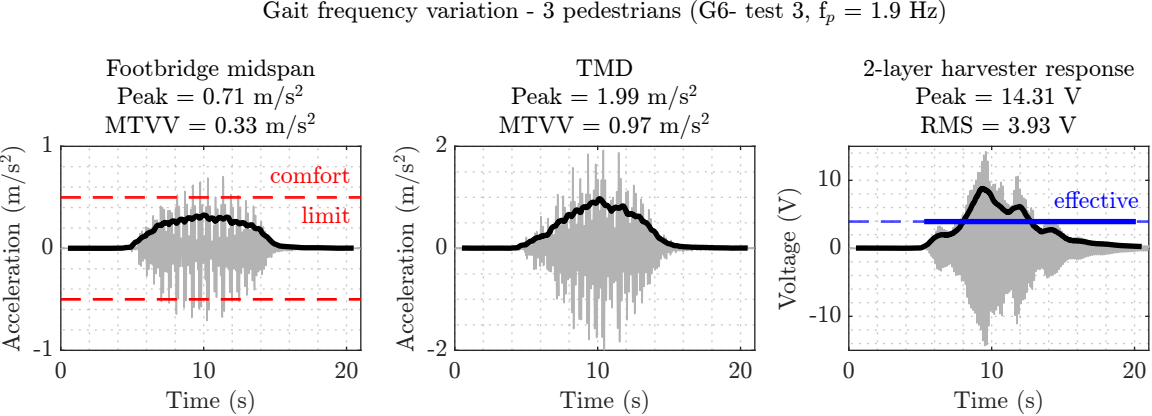

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.69 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.99 m/s²
MTVV = 0.82 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 13.38 V
RMS = 3.66 V
effective
Voltage (V)
Time (s)

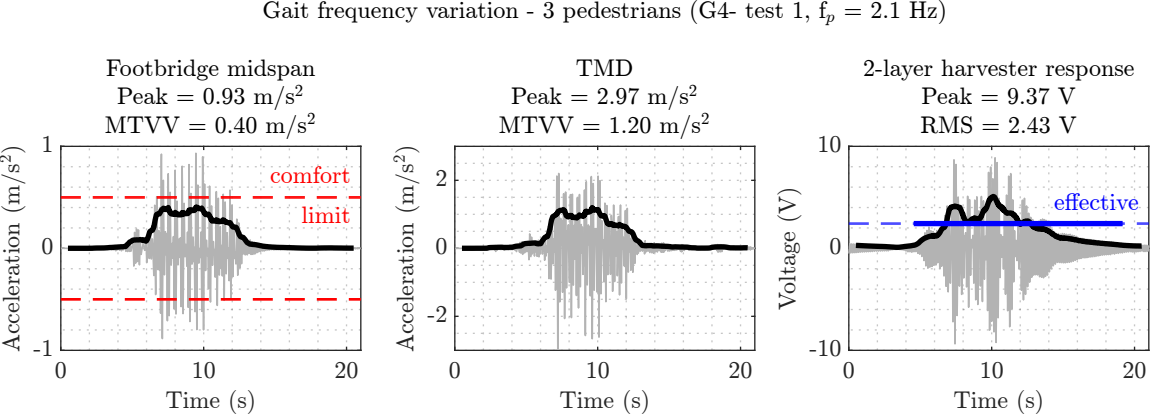

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.87 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.08 m/s²
MTVV = 0.85 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.78 V
RMS = 3.59 V
effective
Voltage (V)
Time (s)

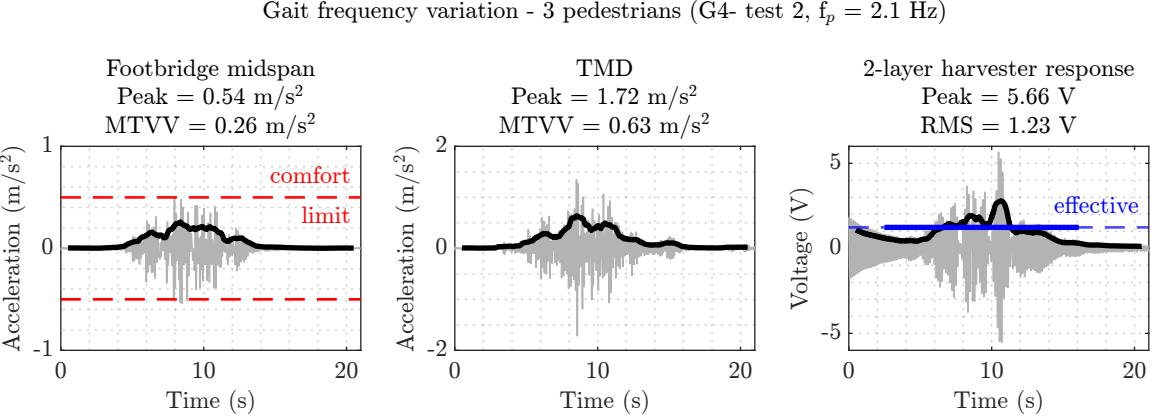

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.67 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.71 m/s²
MTVV = 0.78 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.47 V
RMS = 3.08 V
effective
Voltage (V)
Time (s)

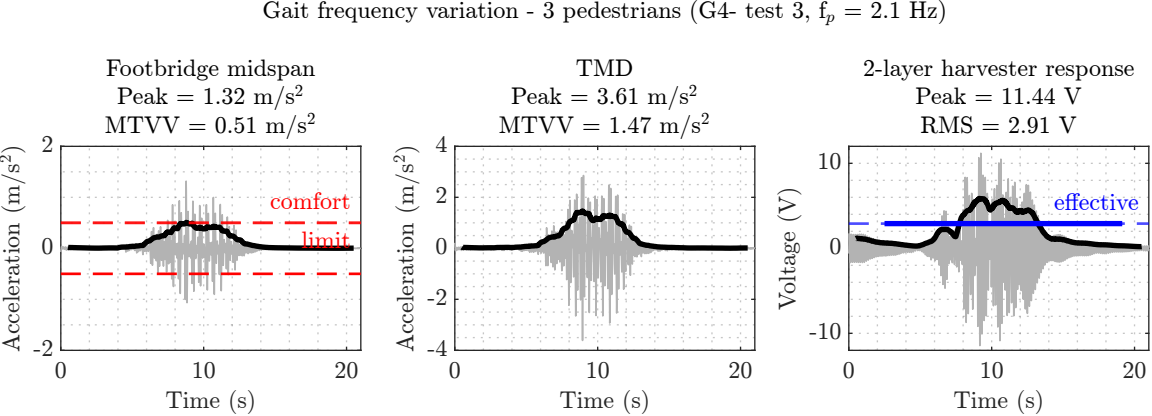

Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.86 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.02 m/s²
MTVV = 0.91 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.87 V
RMS = 3.99 V
effective
Voltage (V)
Time (s)

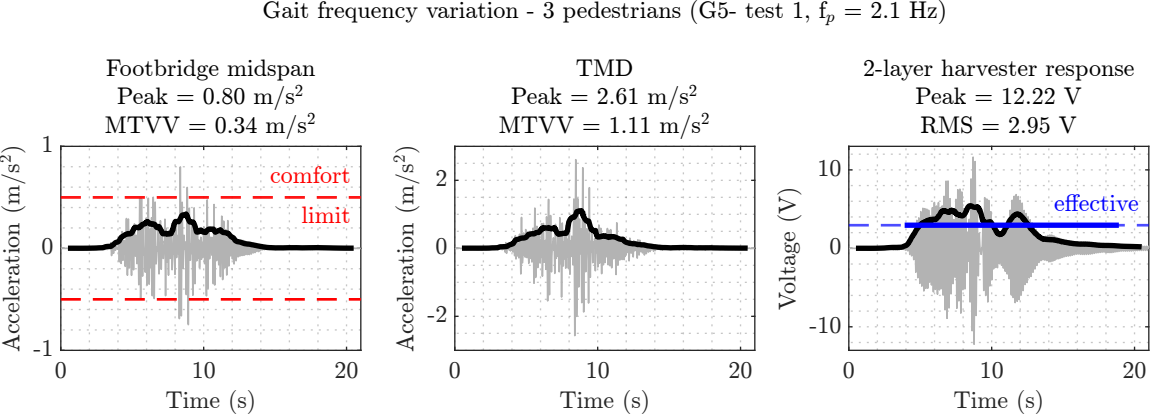

Gait frequency variation - 3 pedestrians (G6- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.86 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.12 m/s²
MTVV = 1.06 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.87 V
RMS = 3.94 V
effective
Voltage (V)
Time (s)

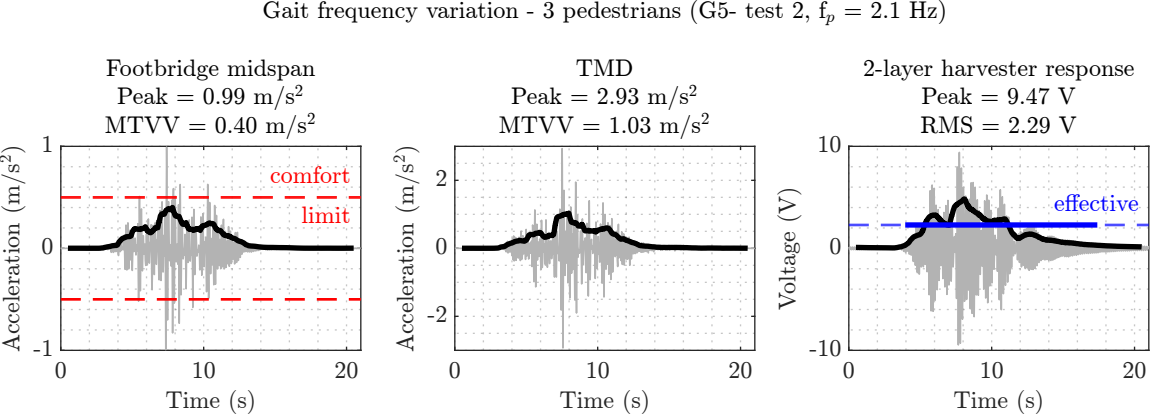

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.99 m/s²
MTVV = 0.97 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 14.31 V
RMS = 3.93 V
effective
Voltage (V)
Time (s)

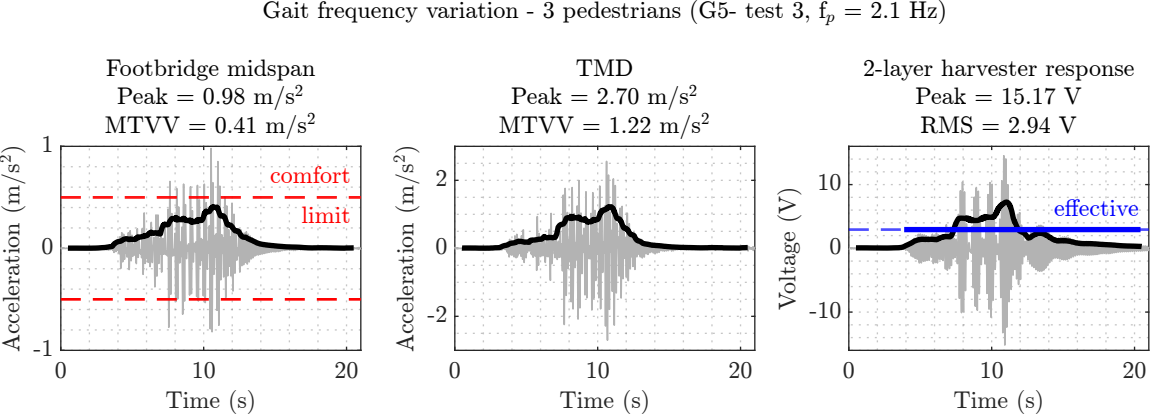

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.93 m/s²
MTVV = 0.40 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.97 m/s²
MTVV = 1.20 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.37 V
RMS = 2.43 V
effective
Voltage (V)
Time (s)

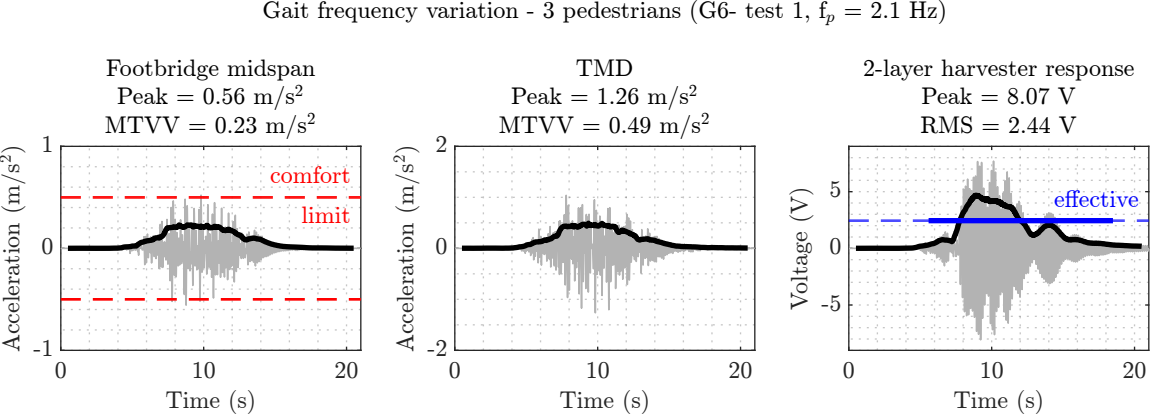

Gait frequency variation - 3 pedestrians (G4- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.54 m/s^2
MTVV = 0.26 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.72 m/s^2
MTVV = 0.63 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 5.66 V
RMS = 1.23 V
effective
Voltage (V)
Time (s)

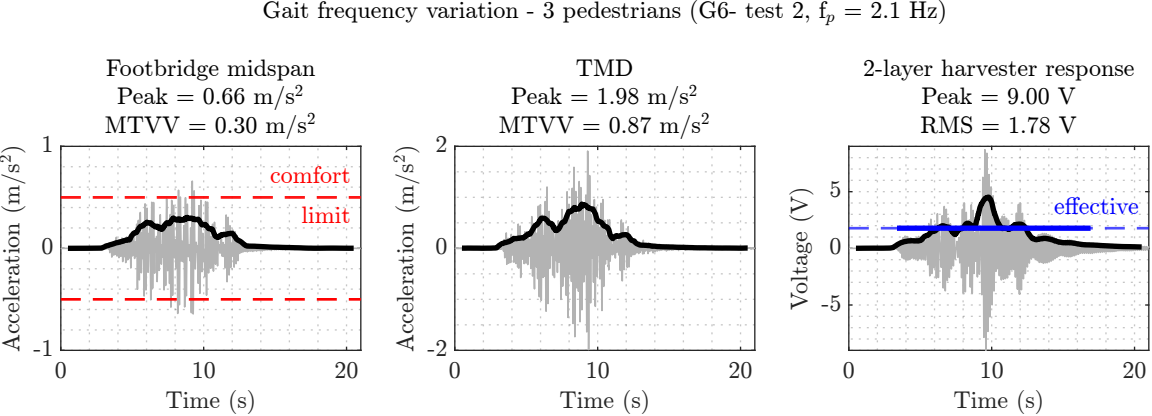

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 1.32 m/s²
MTVV = 0.51 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 3.61 m/s²
MTVV = 1.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.44 V
RMS = 2.91 V
effective
Voltage (V)
Time (s)

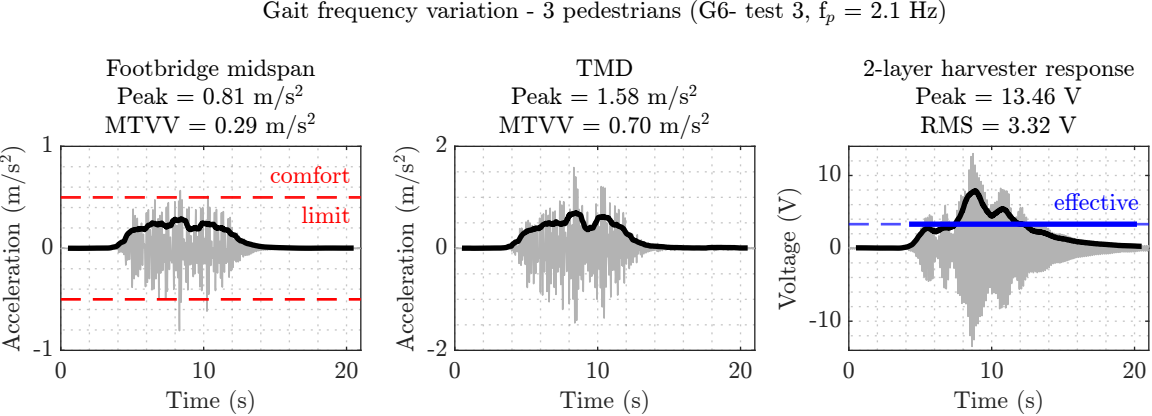

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.80 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.61 m/s²
MTVV = 1.11 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.22 V
RMS = 2.95 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.99 m/s²
MTVV = 0.40 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.93 m/s²
MTVV = 1.03 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.47 V
RMS = 2.29 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.98 m/s²
MTVV = 0.41 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.70 m/s²
MTVV = 1.22 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.17 V
RMS = 2.94 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.56 m/s²
MTVV = 0.23 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.26 m/s²
MTVV = 0.49 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.07 V
RMS = 2.44 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.66 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.98 m/s²
MTVV = 0.87 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.00 V
RMS = 1.78 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.81 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.58 m/s²
MTVV = 0.70 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 13.46 V
RMS = 3.32 V
effective
Voltage (V)
Time (s)