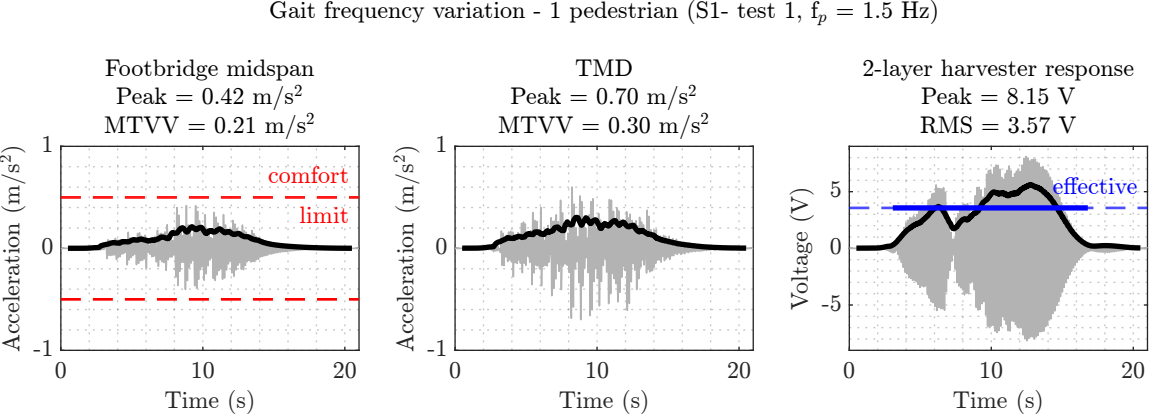
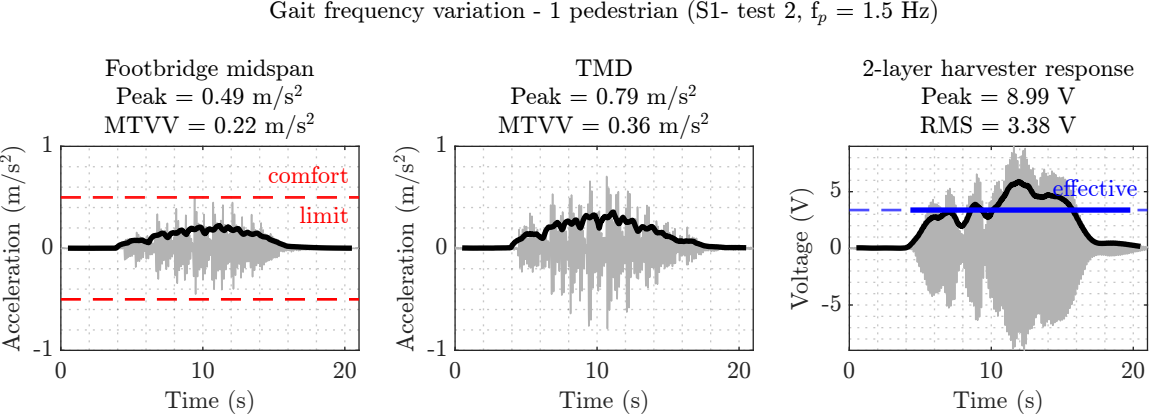
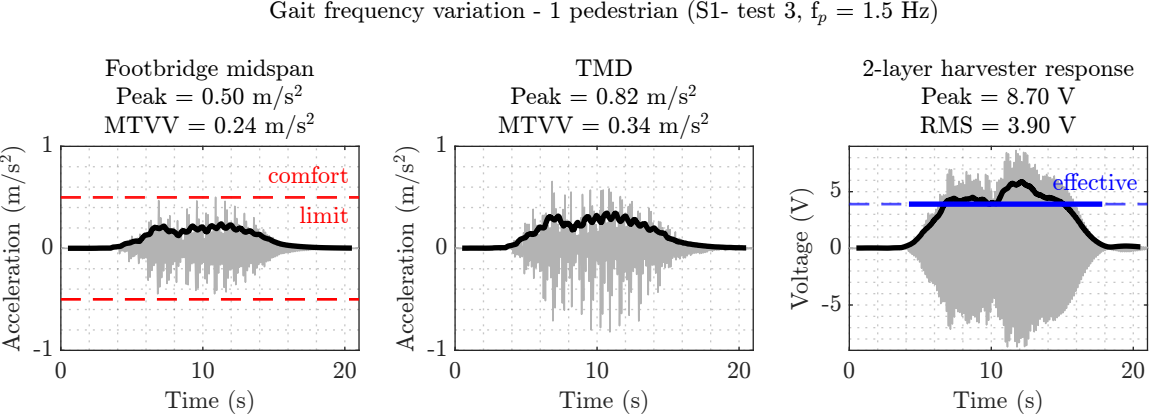
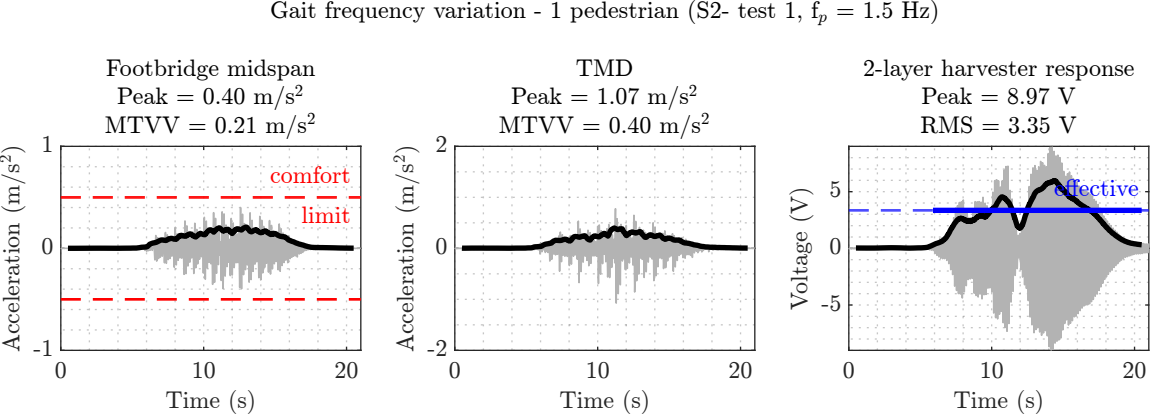
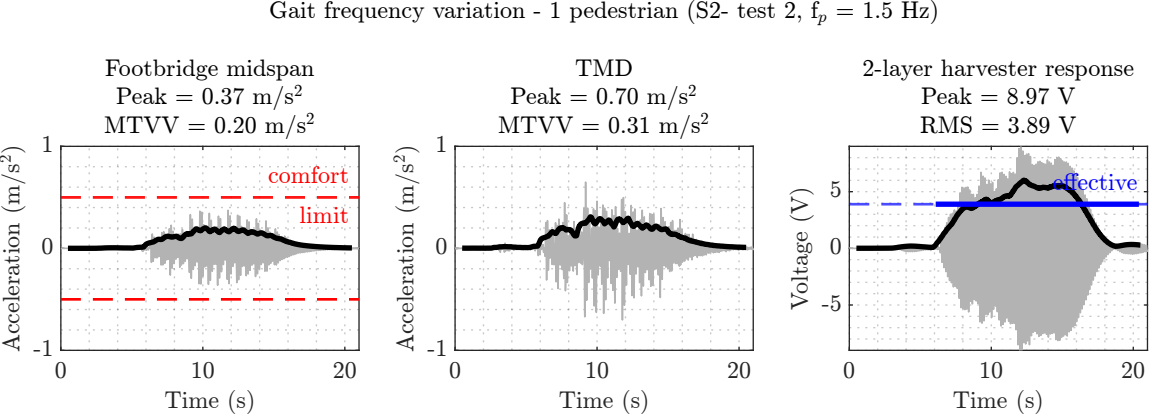
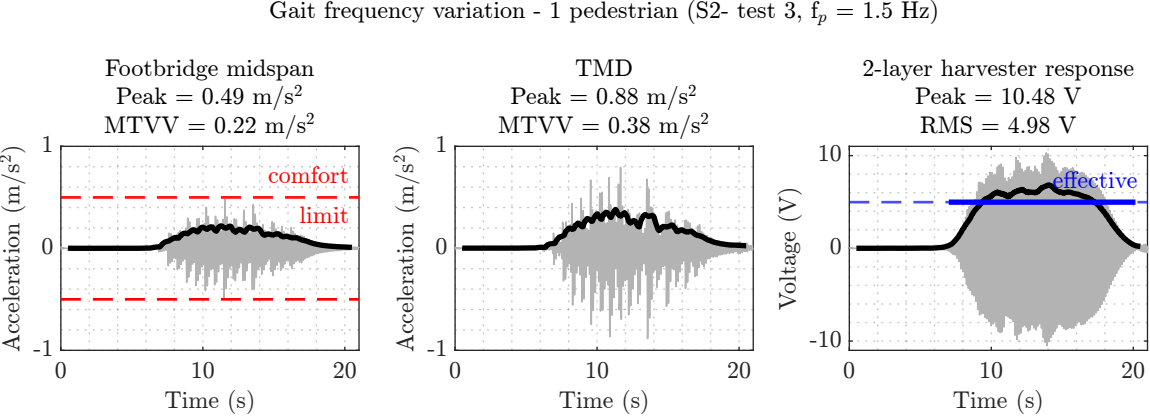

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.42 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.70 m/s²
MTVV = 0.30 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.15 V
RMS = 3.57 V
effective
Voltage (V)
Time (s)

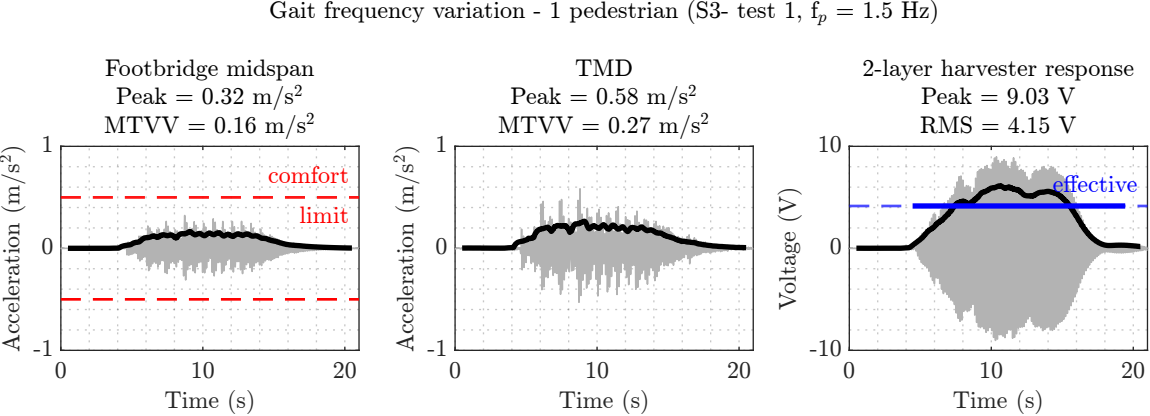

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.49 m/s^2
MTVV = 0.22 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.79 m/s^2
MTVV = 0.36 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.99 V
RMS = 3.38 V
effective
Voltage (V)
Time (s)

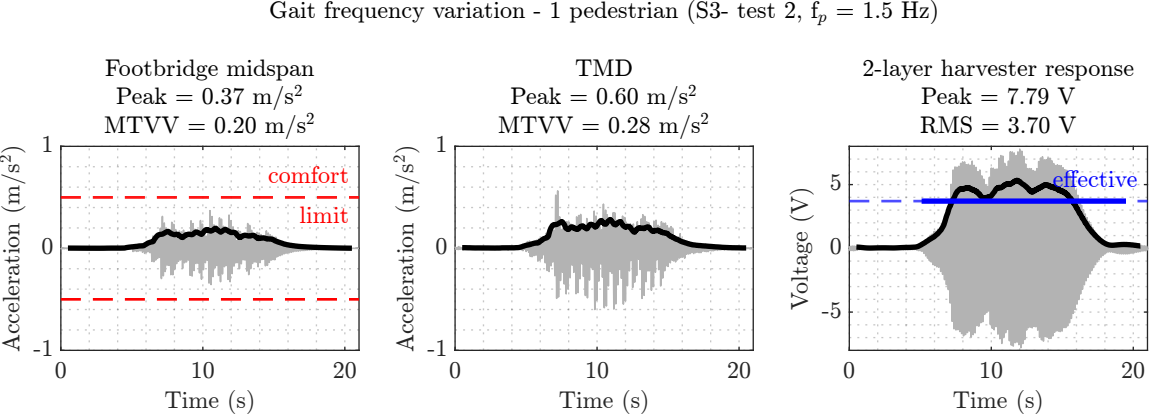

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.50 m/s^2
MTVV = 0.24 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.82 m/s^2
MTVV = 0.34 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.70 V
RMS = 3.90 V
effective
Voltage (V)
Time (s)

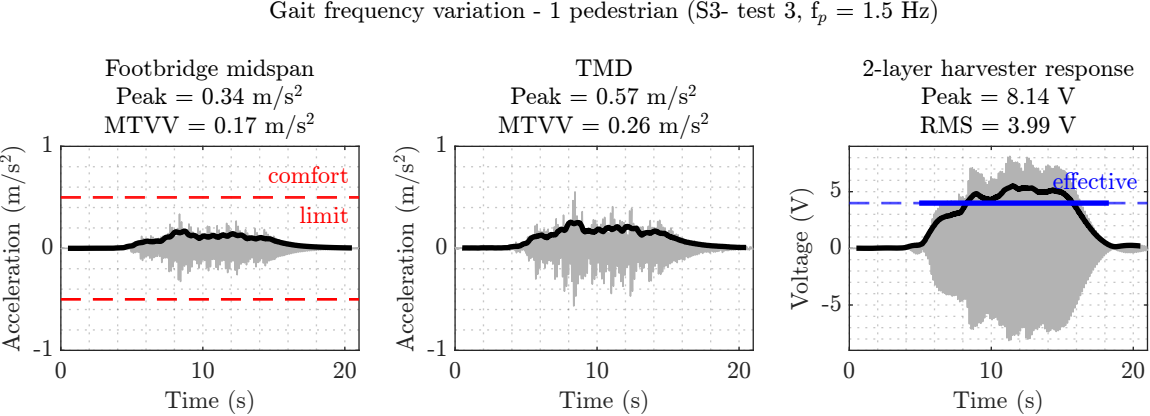

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.40 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.07 m/s²
MTVV = 0.40 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.97 V
RMS = 3.35 V
effective
Voltage (V)
Time (s)

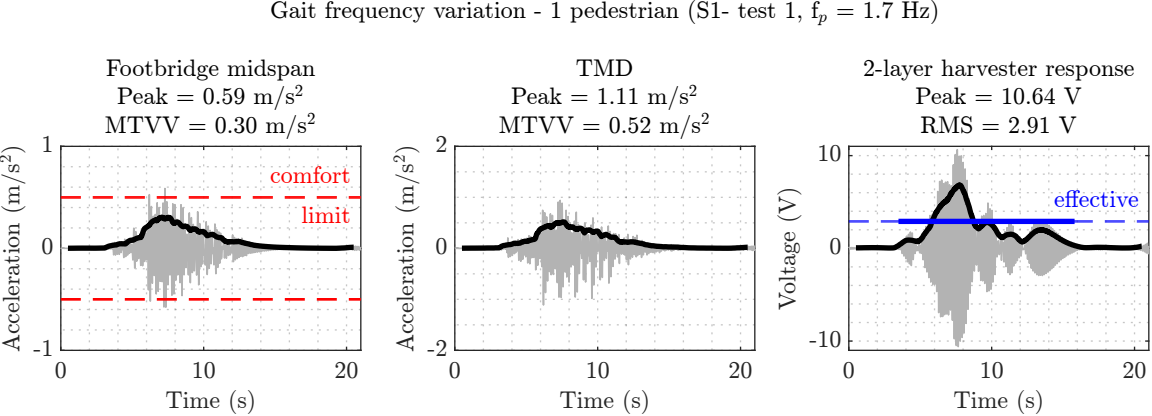

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.37 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.70 m/s^2
MTVV = 0.31 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.97 V
RMS = 3.89 V
effective
Voltage (V)
Time (s)

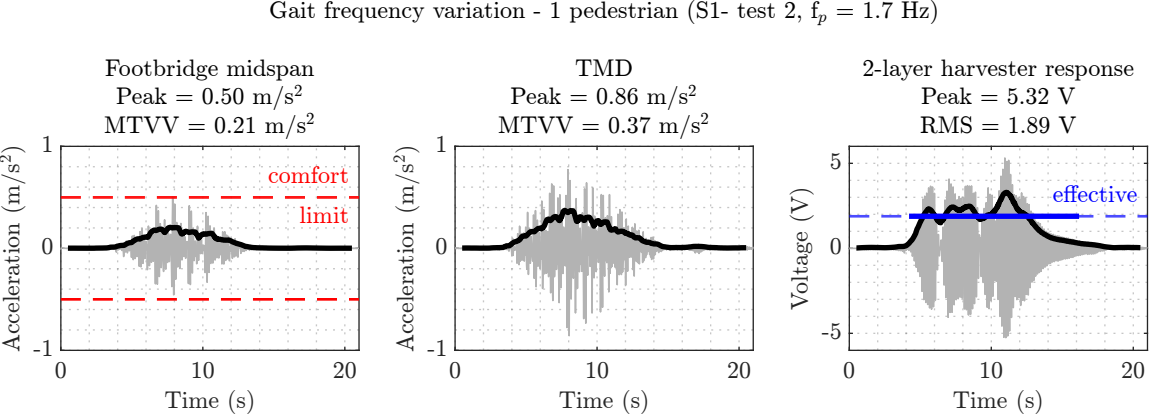

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.49 m/s^2
MTVV = 0.22 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.88 m/s^2
MTVV = 0.38 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 10.48 V
RMS = 4.98 V
effective
Voltage (V)
Time (s)

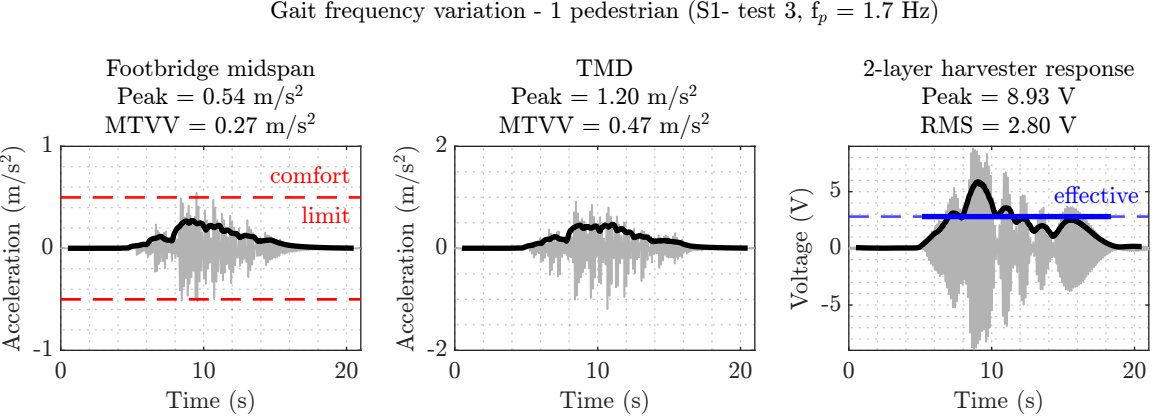

Gait frequency variation - 1 pedestrian (S3- test 1, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.32 m/s^2
MTVV = 0.16 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.58 m/s^2
MTVV = 0.27 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 9.03 V
RMS = 4.15 V
effective
Voltage (V)
Time (s)

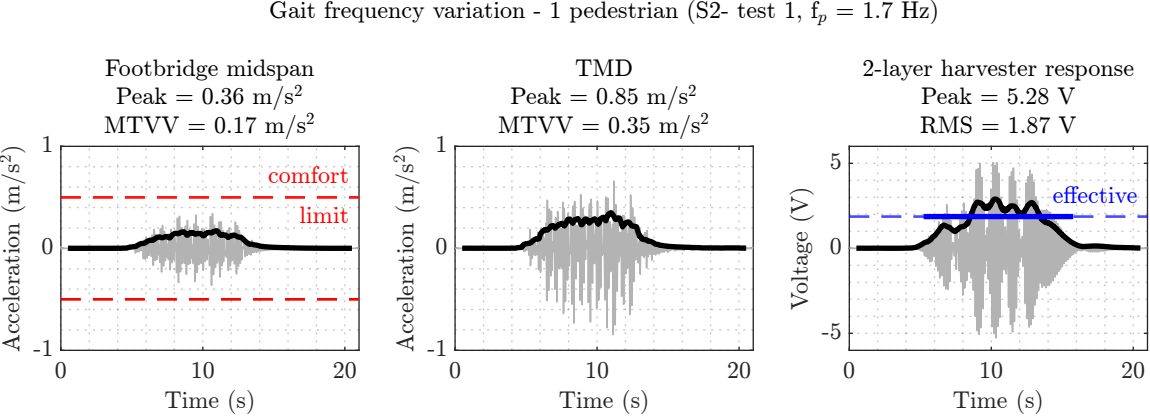

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.37 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.60 m/s^2
MTVV = 0.28 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.79 V
RMS = 3.70 V
effective
Voltage (V)
Time (s)

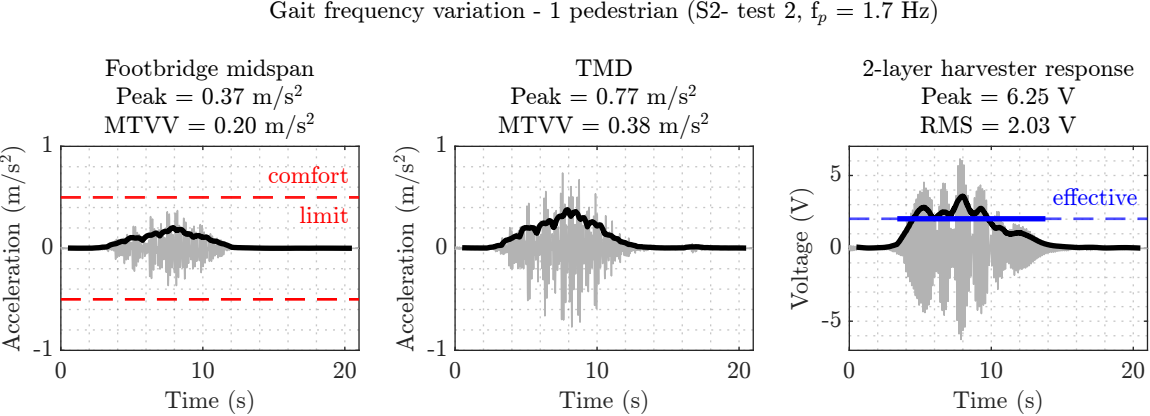

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.34 m/s^2
MTVV = 0.17 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.57 m/s^2
MTVV = 0.26 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.14 V
RMS = 3.99 V
effective
Voltage (V)
Time (s)

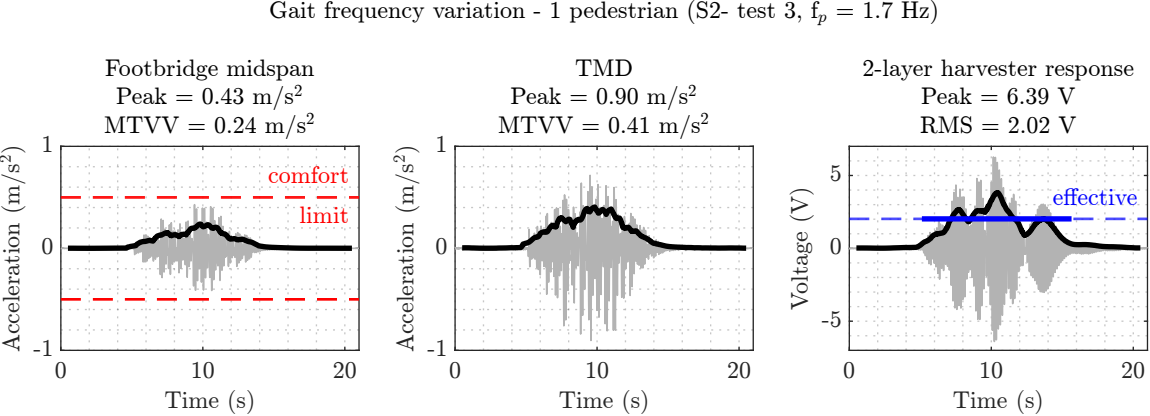

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.59 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.11 m/s²
MTVV = 0.52 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.64 V
RMS = 2.91 V
effective
Voltage (V)
Time (s)

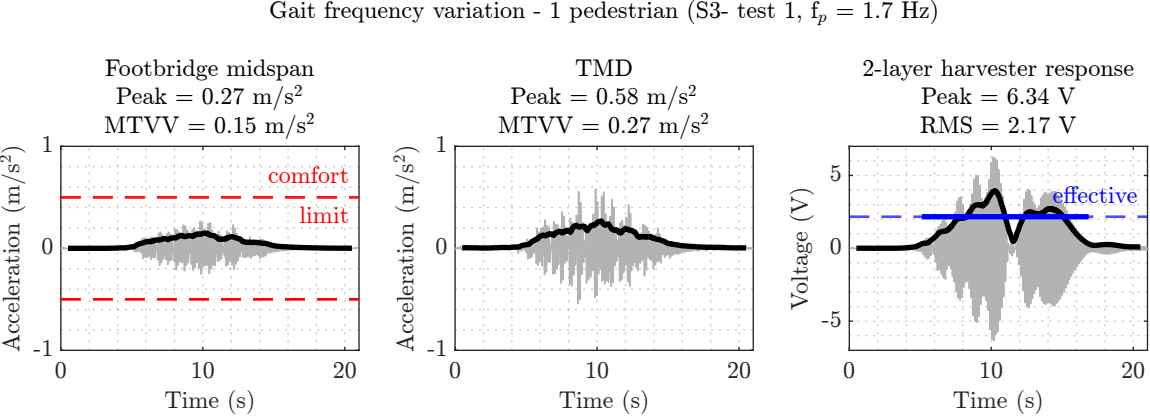

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.50 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.86 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.32 V
RMS = 1.89 V
effective
Voltage (V)
Time (s)

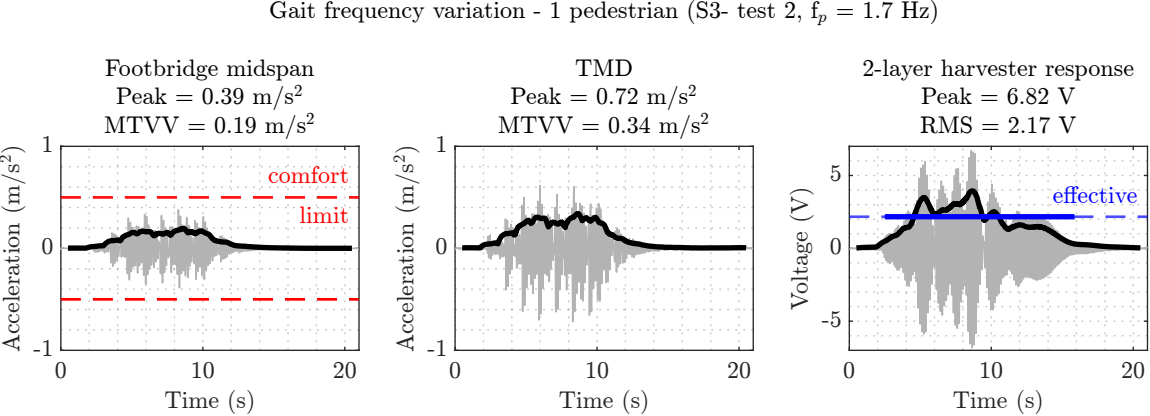

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.54 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.20 m/s²
MTVV = 0.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.93 V
RMS = 2.80 V
effective
Voltage (V)
Time (s)

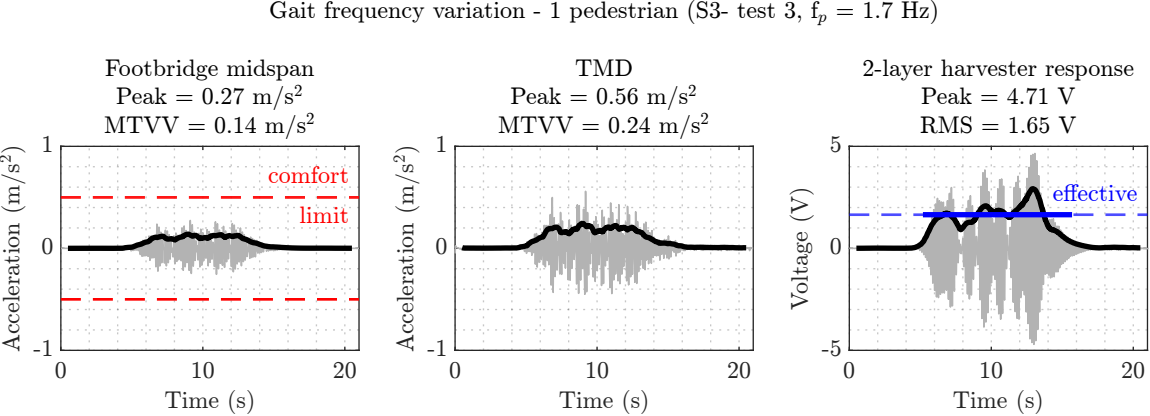

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.36 m/s²
MTVV = 0.17 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.85 m/s²
MTVV = 0.35 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 5.28 V
RMS = 1.87 V
effective
Voltage (V)
Time (s)

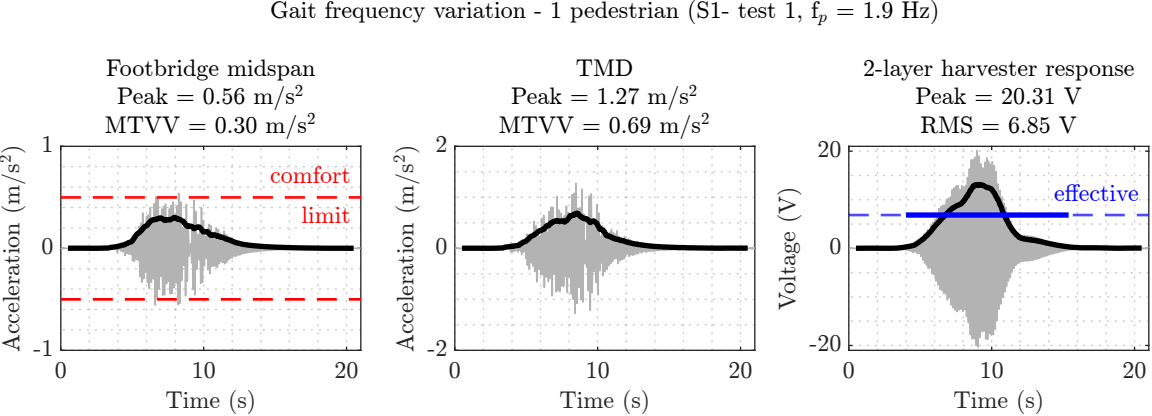

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.37 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.77 m/s²
MTVV = 0.38 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.25 V
RMS = 2.03 V
effective
Voltage (V)
Time (s)

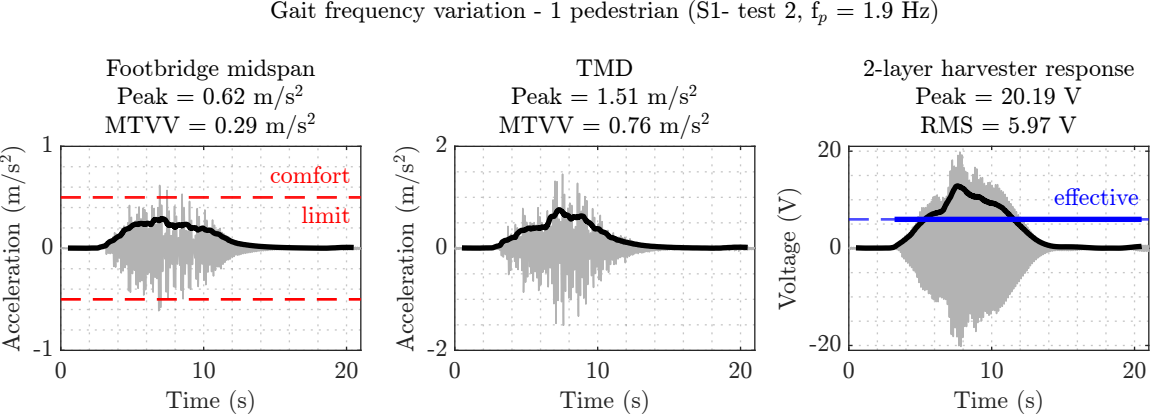

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.43 m/s²
MTVV = 0.24 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.90 m/s²
MTVV = 0.41 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.39 V
RMS = 2.02 V
effective
Voltage (V)
Time (s)

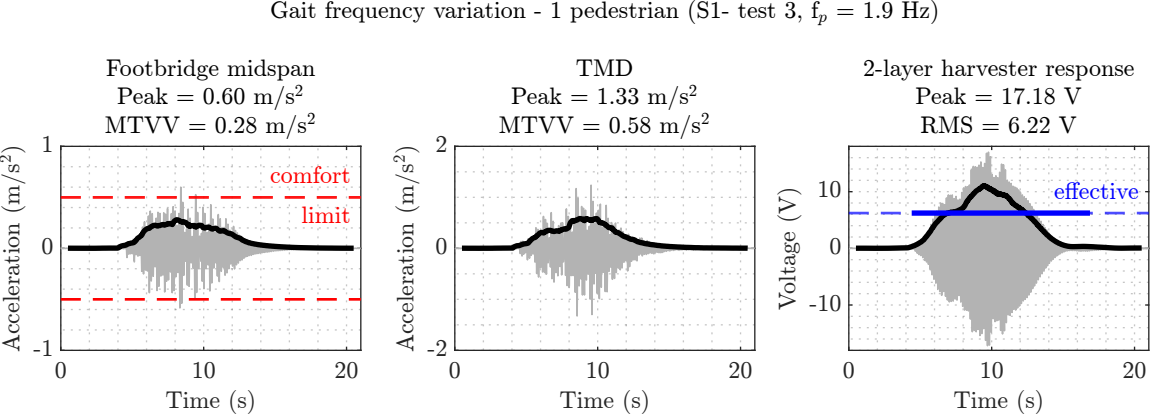

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.27 m/s^2
MTVV = 0.15 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.58 m/s^2
MTVV = 0.27 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.34 V
RMS = 2.17 V
effective
Voltage (V)
Time (s)

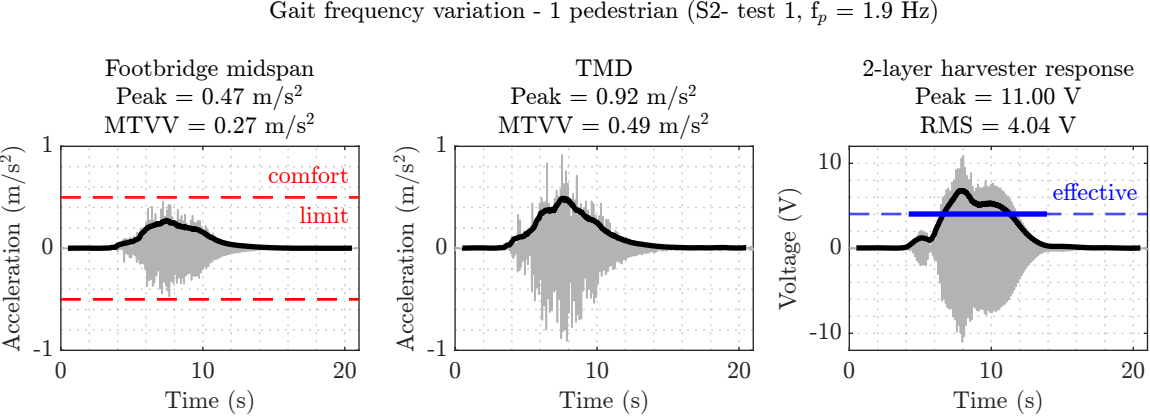

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.39 m/s^2
MTVV = 0.19 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.72 m/s^2
MTVV = 0.34 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 6.82 V
RMS = 2.17 V
effective
Voltage (V)
Time (s)

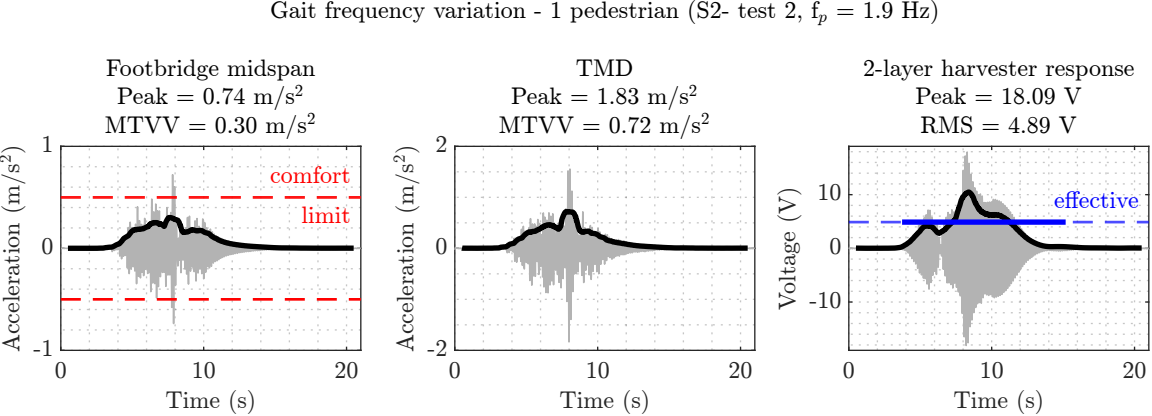

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.27 m/s^2
MTVV = 0.14 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.56 m/s^2
MTVV = 0.24 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 4.71 V
RMS = 1.65 V
effective
Voltage (V)
Time (s)

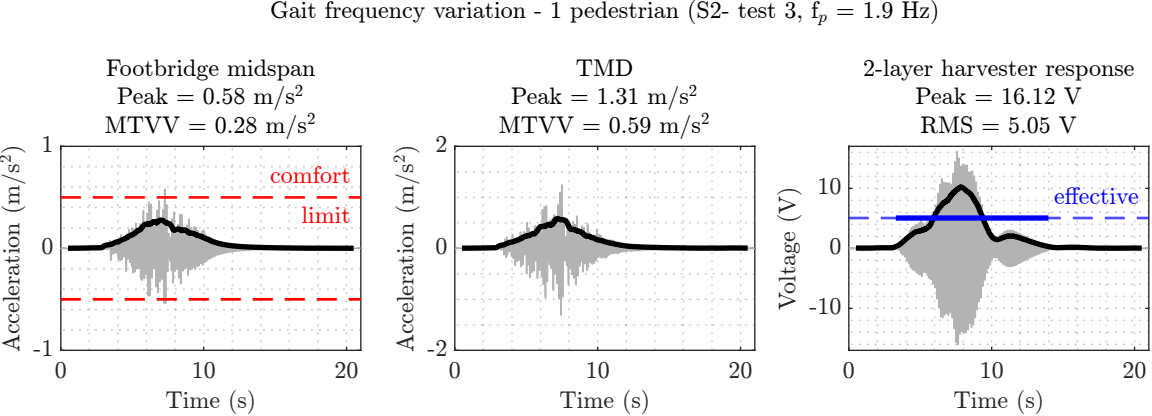

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.56 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.27 m/s²
MTVV = 0.69 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 20.31 V
RMS = 6.85 V
effective
Voltage (V)
Time (s)

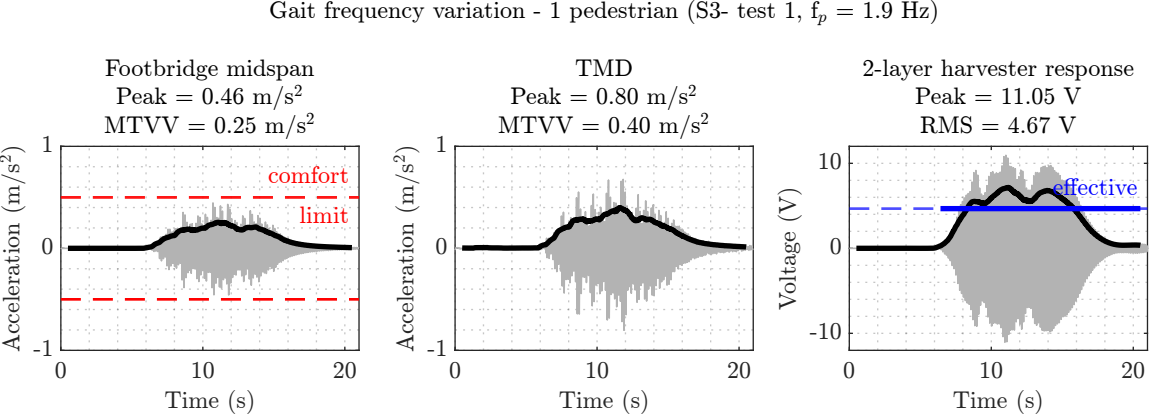

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.62 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.51 m/s²
MTVV = 0.76 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 20.19 V
RMS = 5.97 V
effective
Voltage (V)
Time (s)

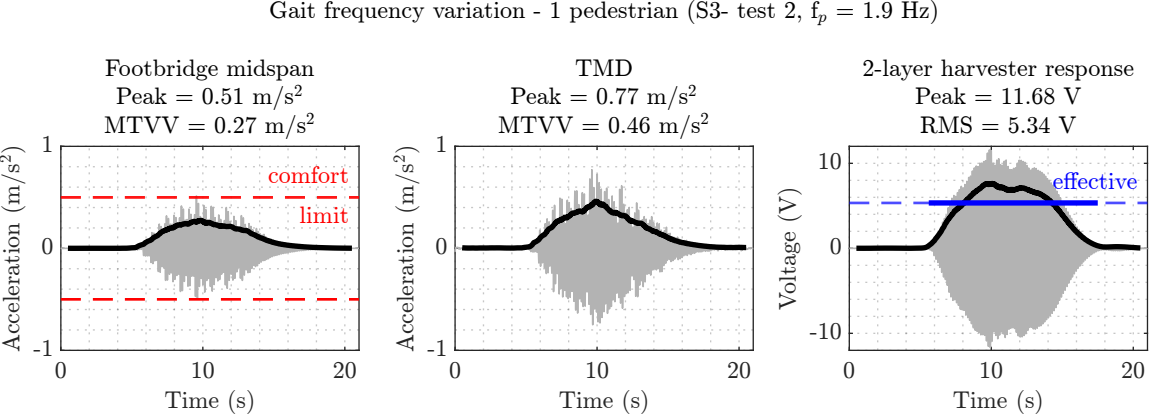

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.60 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.33 m/s²
MTVV = 0.58 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 17.18 V
RMS = 6.22 V
effective
Voltage (V)
Time (s)

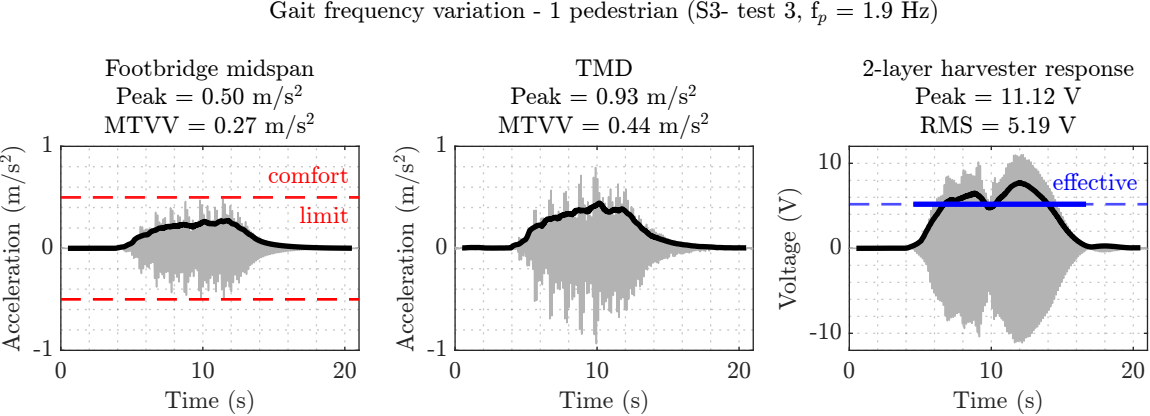

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.47 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.92 m/s^2
MTVV = 0.49 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 11.00 V
RMS = 4.04 V
effective
Voltage (V)
Time (s)

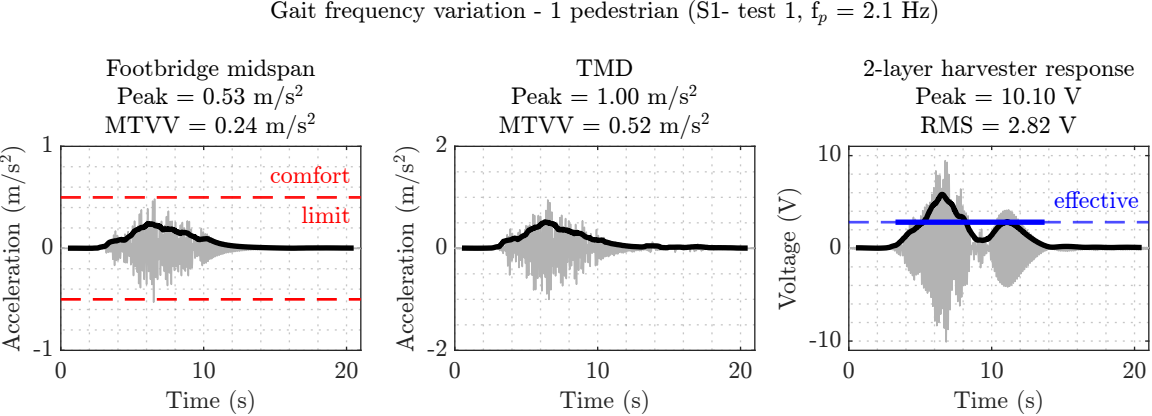

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.74 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.83 m/s²
MTVV = 0.72 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 18.09 V
RMS = 4.89 V
effective
Voltage (V)
Time (s)

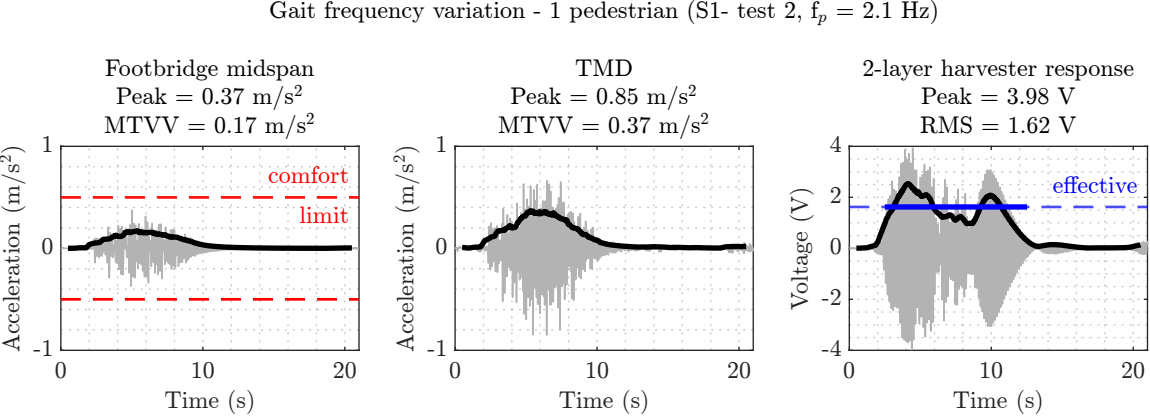

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.58 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.31 m/s²
MTVV = 0.59 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 16.12 V
RMS = 5.05 V
effective
Voltage (V)
Time (s)

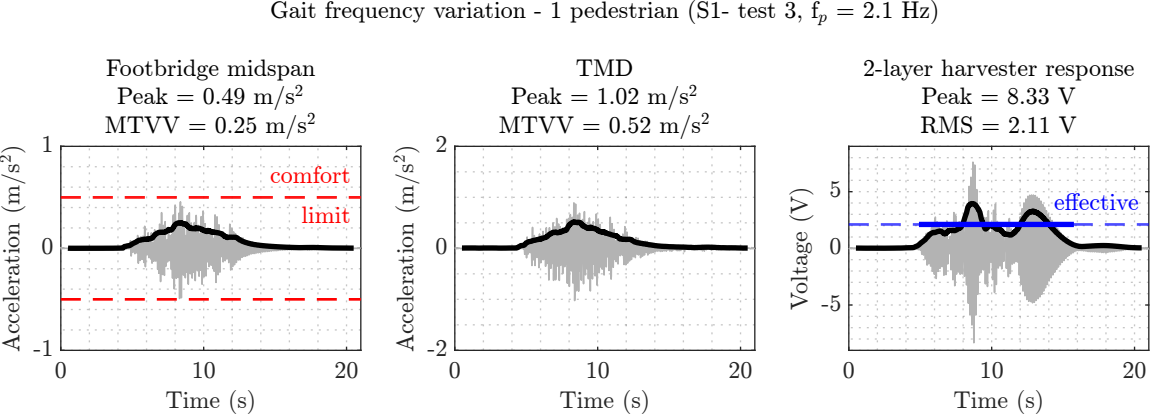

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.46 m/s^2
MTVV = 0.25 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.80 m/s^2
MTVV = 0.40 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 11.05 V
RMS = 4.67 V
effective
Voltage (V)
Time (s)

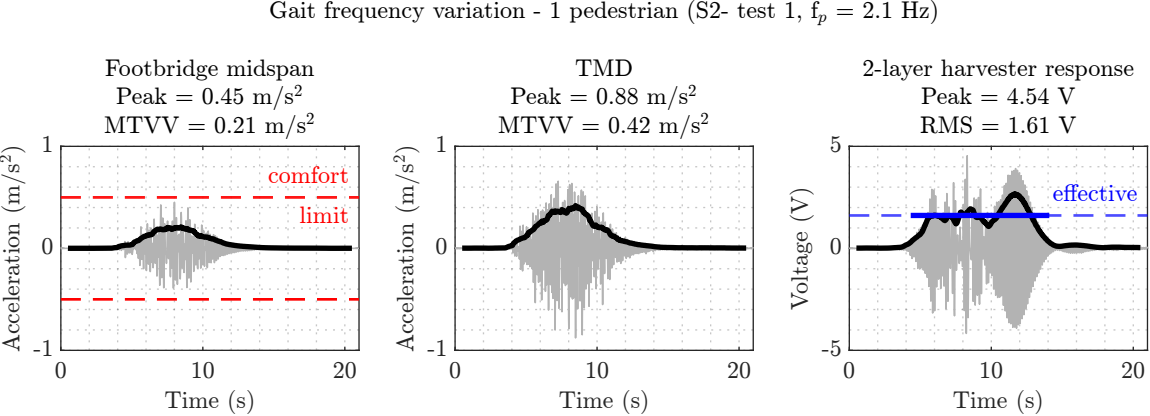

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.51 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.77 m/s²
MTVV = 0.46 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.68 V
RMS = 5.34 V
effective
Voltage (V)
Time (s)

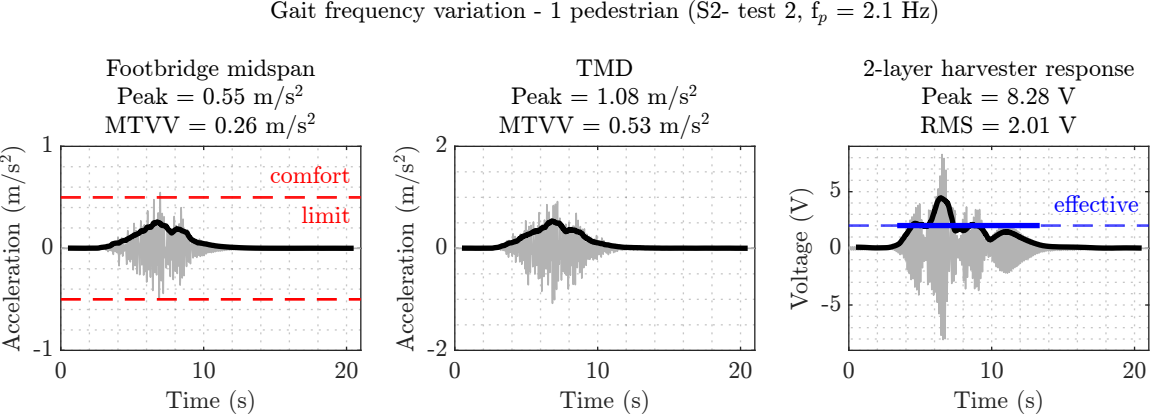

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.50 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.93 m/s²
MTVV = 0.44 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.12 V
RMS = 5.19 V
effective
Voltage (V)
Time (s)

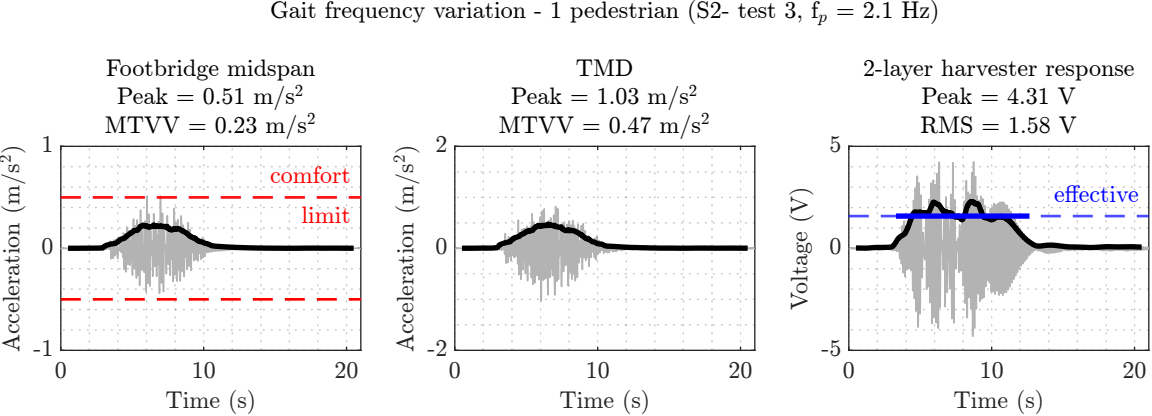

Gait frequency variation - 1 pedestrian (S1- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.53 m/s²
MTVV = 0.24 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.00 m/s²
MTVV = 0.52 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 10.10 V
RMS = 2.82 V
effective
Voltage (V)
Time (s)

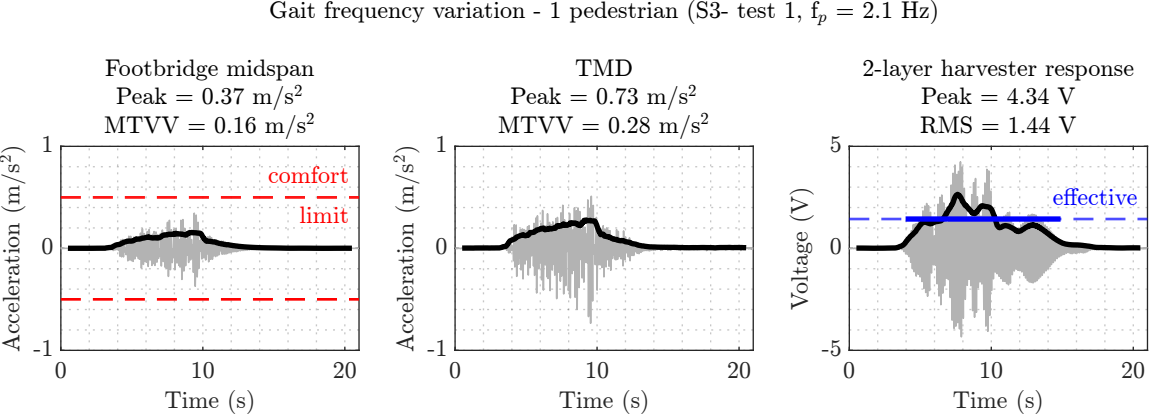

Gait frequency variation - 1 pedestrian (S1- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.37 m/s^2
MTVV = 0.17 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.85 m/s^2
MTVV = 0.37 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 3.98 V
RMS = 1.62 V
effective
Voltage (V)
Time (s)

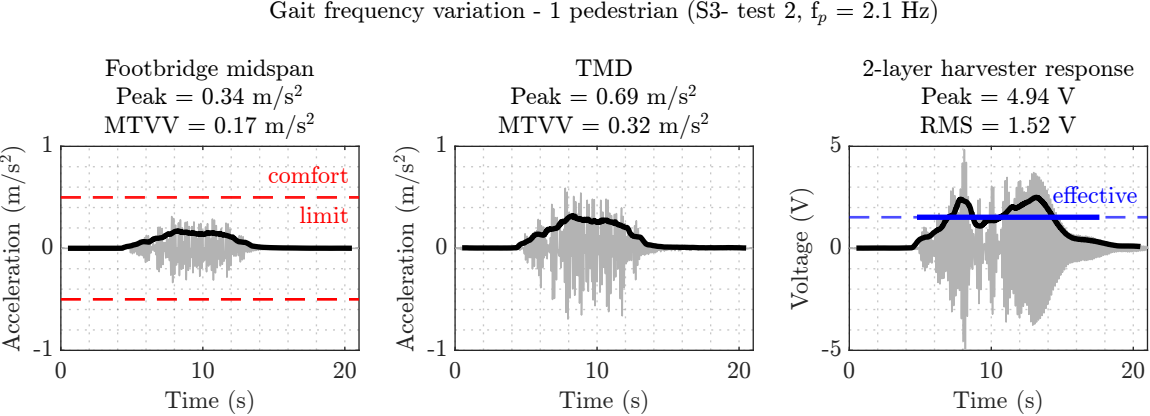

Gait frequency variation - 1 pedestrian (S1- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.49 m/s²
MTVV = 0.25 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.02 m/s²
MTVV = 0.52 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.33 V
RMS = 2.11 V
effective
Voltage (V)
Time (s)

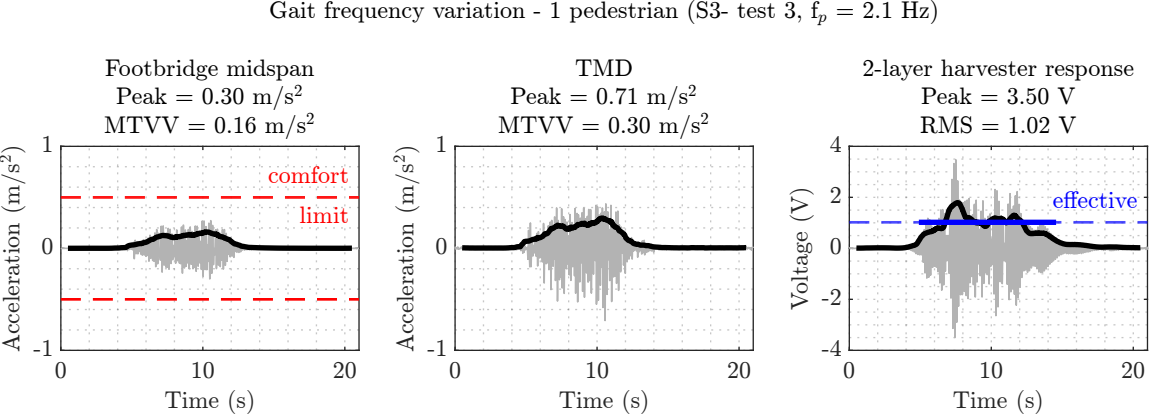

Gait frequency variation - 1 pedestrian (S2- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.45 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.88 m/s²
MTVV = 0.42 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.54 V
RMS = 1.61 V
effective
Voltage (V)
Time (s)

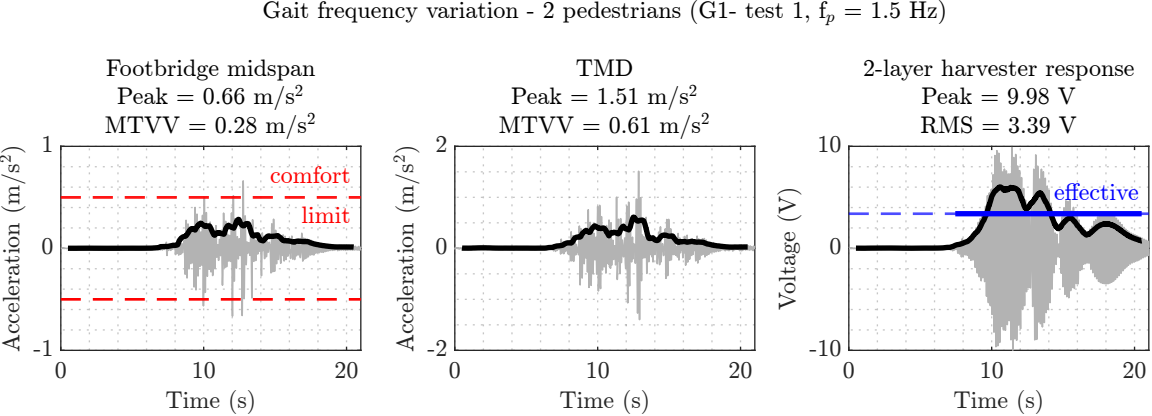

Gait frequency variation - 1 pedestrian (S2- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.55 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.08 m/s²
MTVV = 0.53 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.28 V
RMS = 2.01 V
effective
Voltage (V)
Time (s)

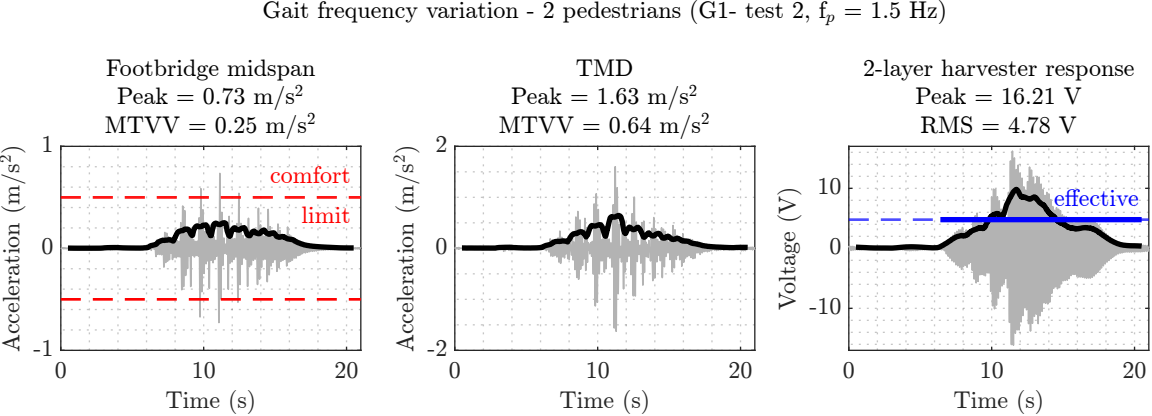

Gait frequency variation - 1 pedestrian (S2- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.51 m/s²
MTVV = 0.23 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.03 m/s²
MTVV = 0.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.31 V
RMS = 1.58 V
effective
Voltage (V)
Time (s)

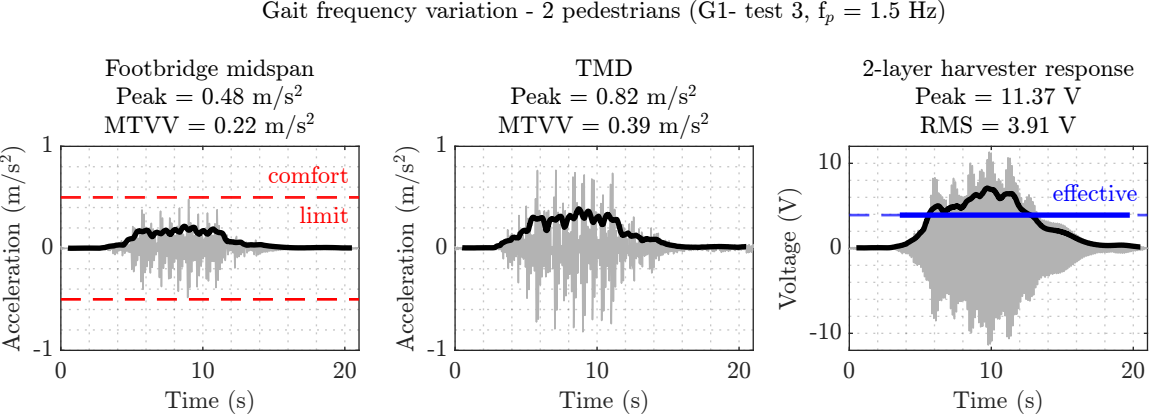

Gait frequency variation - 1 pedestrian (S3- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.37 m/s²
MTVV = 0.16 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.73 m/s²
MTVV = 0.28 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.34 V
RMS = 1.44 V
effective
Voltage (V)
Time (s)

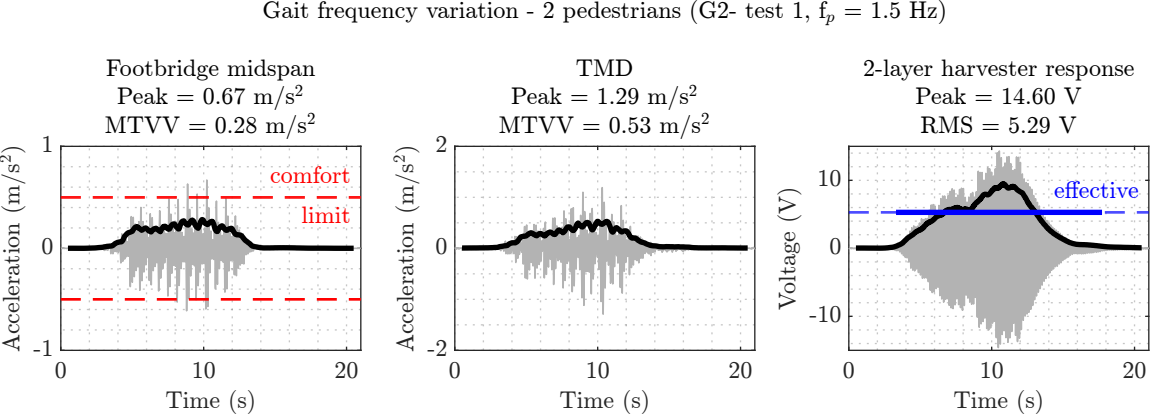

Gait frequency variation - 1 pedestrian (S3- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.34 m/s²
MTVV = 0.17 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.69 m/s²
MTVV = 0.32 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 4.94 V
RMS = 1.52 V
effective
Voltage (V)
Time (s)

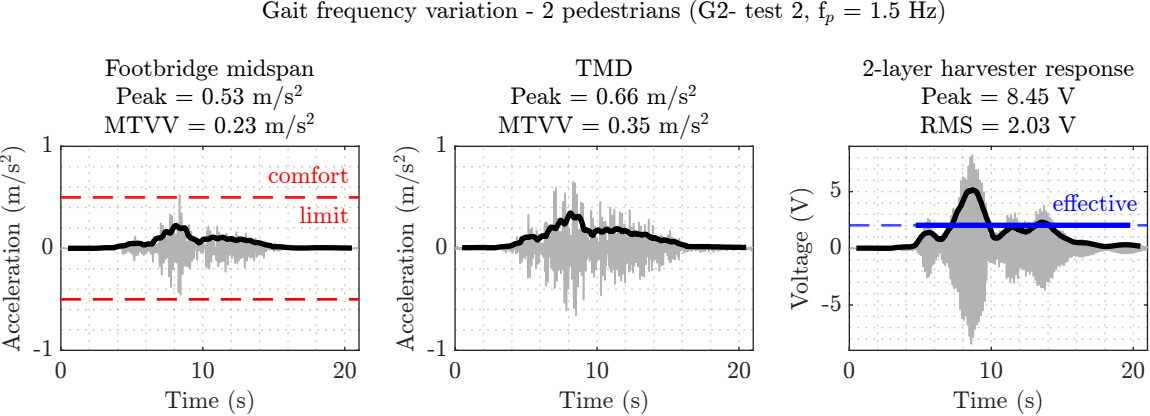

Gait frequency variation - 1 pedestrian (S3- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.30 m/s²
MTVV = 0.16 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.71 m/s²
MTVV = 0.30 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 3.50 V
RMS = 1.02 V
effective
Voltage (V)
Time (s)

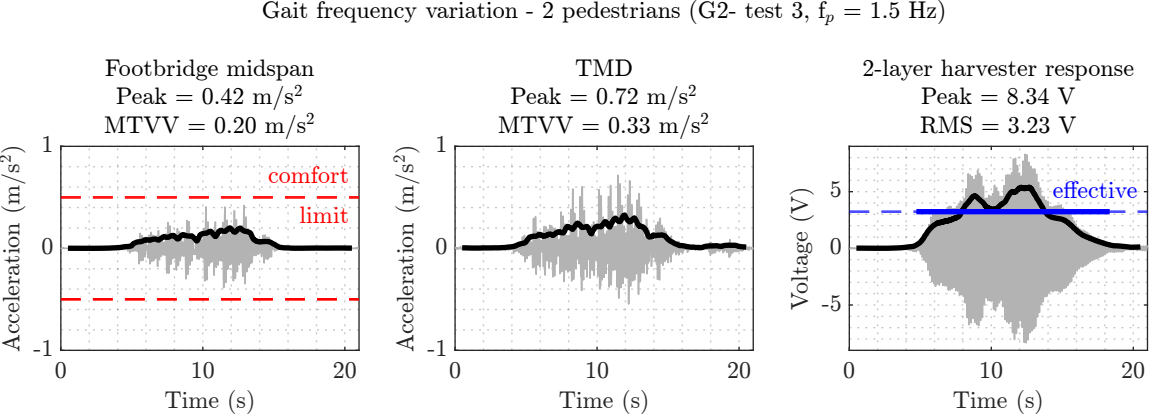

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.66 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.51 m/s²
MTVV = 0.61 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.98 V
RMS = 3.39 V
effective
Voltage (V)
Time (s)

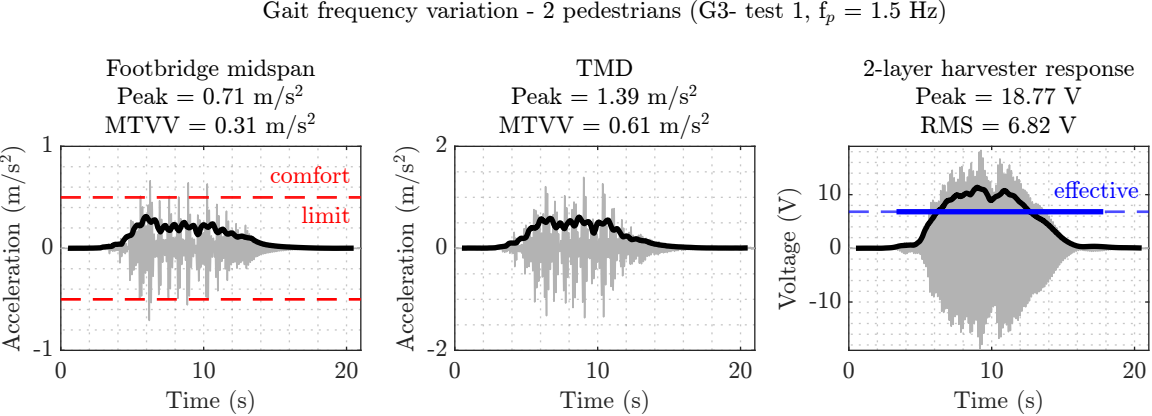

Gait frequency variation - 2 pedestrians (G1- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.73 m/s^2
MTVV = 0.25 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.63 m/s^2
MTVV = 0.64 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 16.21 V
RMS = 4.78 V
effective
Voltage (V)
Time (s)

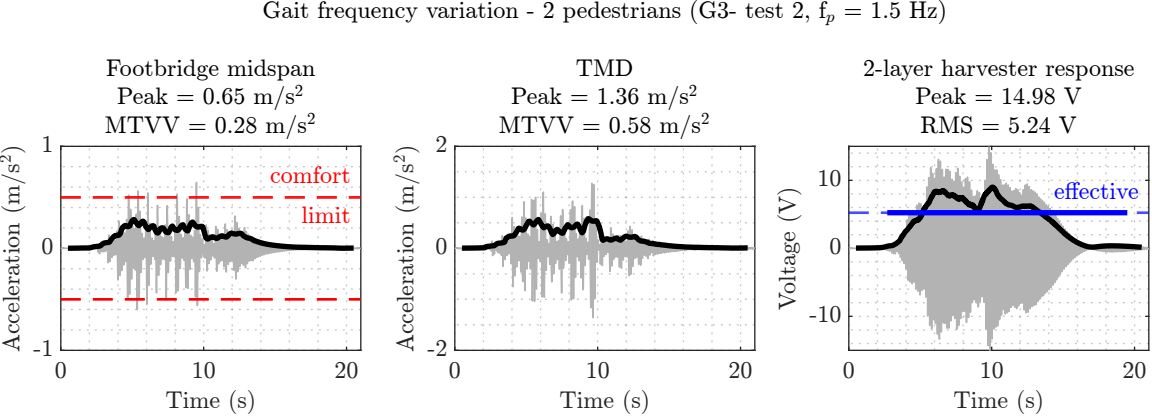

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.48 m/s²
MTVV = 0.22 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.82 m/s²
MTVV = 0.39 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.37 V
RMS = 3.91 V
effective
Voltage (V)
Time (s)

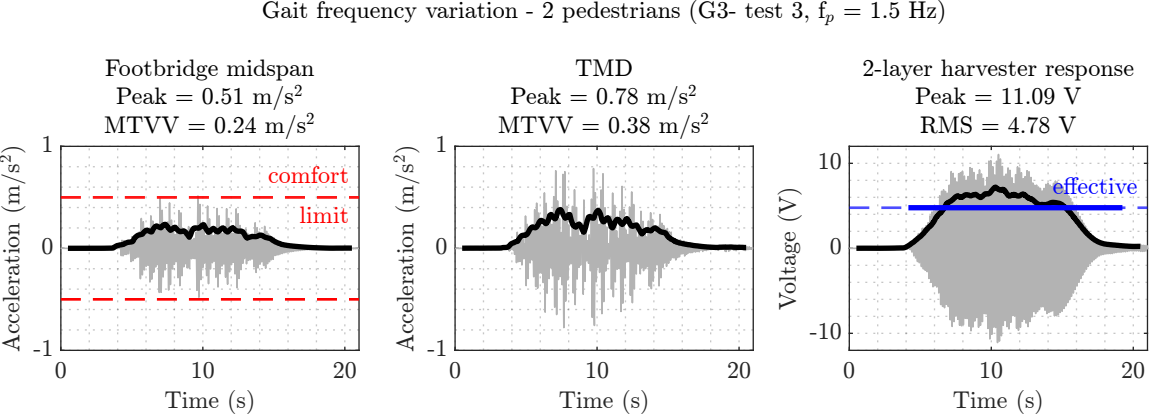

Gait frequency variation - 2 pedestrians (G2- test 1, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.67 m/s^2
MTVV = 0.28 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.29 m/s^2
MTVV = 0.53 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 14.60 V
RMS = 5.29 V
effective
Voltage (V)
Time (s)

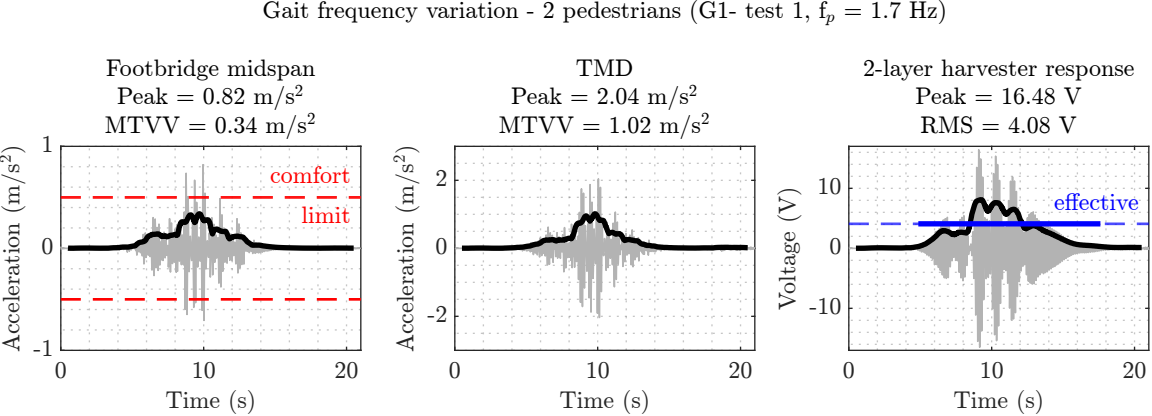

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.53 m/s^2
MTVV = 0.23 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.66 m/s^2
MTVV = 0.35 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.45 V
RMS = 2.03 V
effective
Voltage (V)
Time (s)

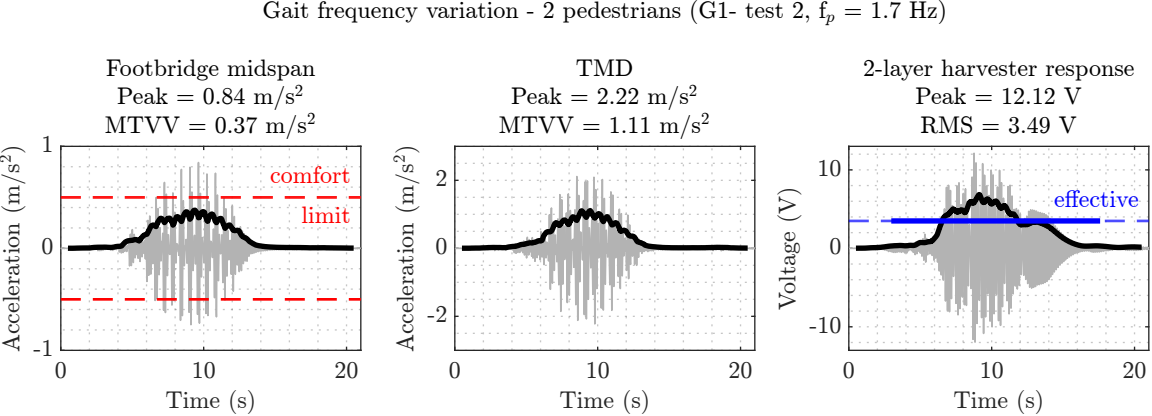

Gait frequency variation - 2 pedestrians (G2- test 3, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.42 m/s^2
MTVV = 0.20 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.72 m/s^2
MTVV = 0.33 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.34 V
RMS = 3.23 V
effective
Voltage (V)
Time (s)

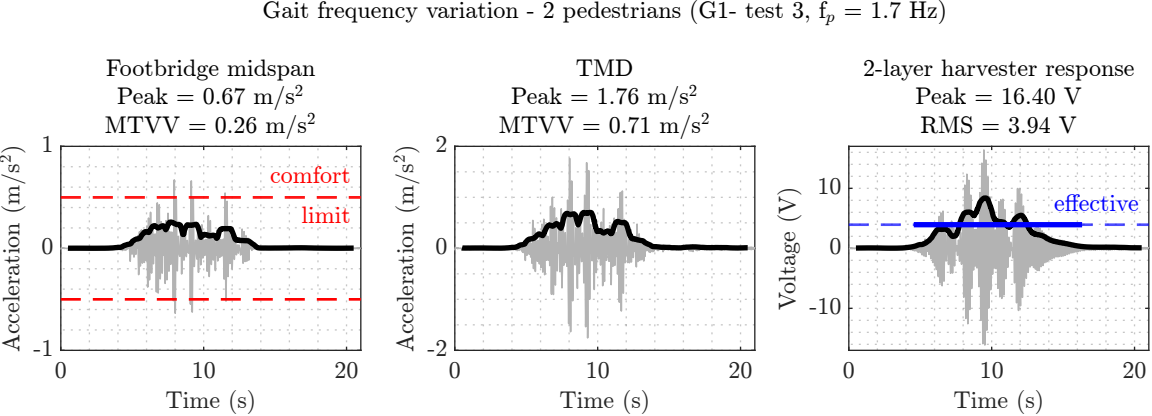

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.39 m/s²
MTVV = 0.61 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 18.77 V
RMS = 6.82 V
effective
Voltage (V)
Time (s)

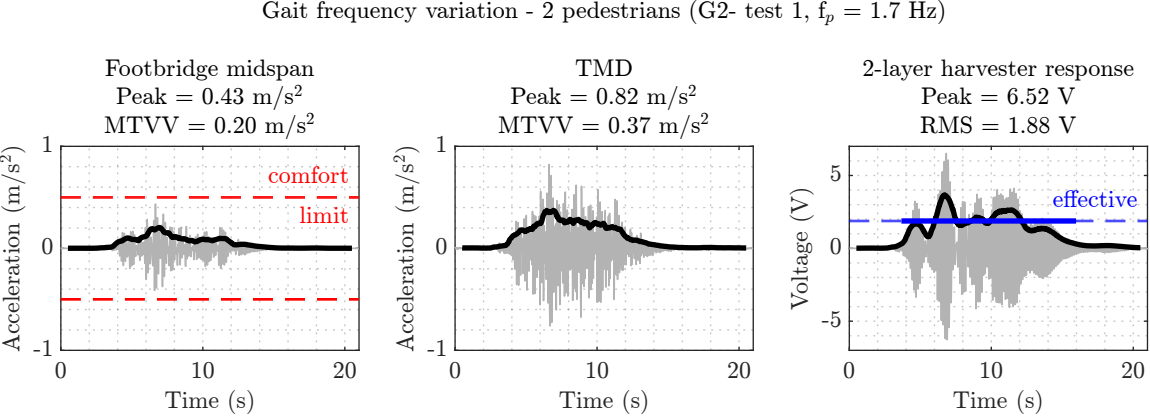

Gait frequency variation - 2 pedestrians (G3- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.65 m/s^2
MTVV = 0.28 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.36 m/s^2
MTVV = 0.58 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 14.98 V
RMS = 5.24 V
effective
Voltage (V)
Time (s)

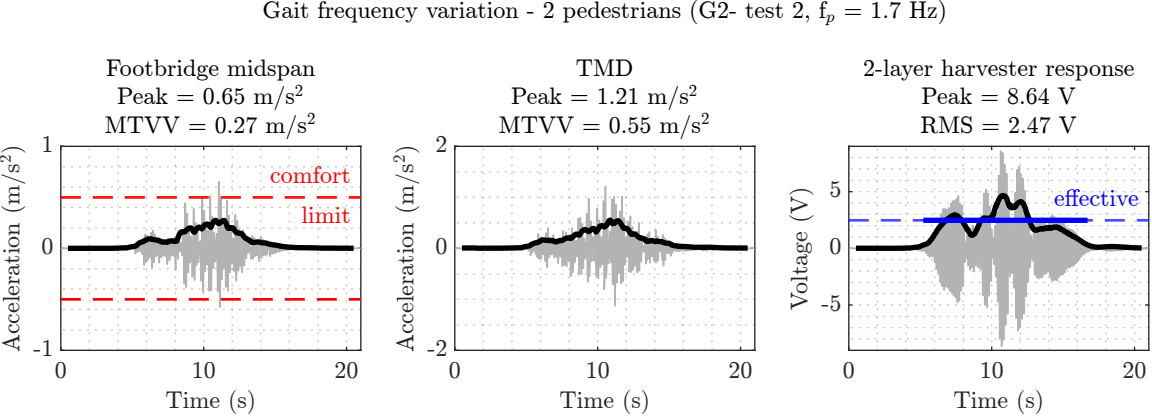

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.51 m/s^2
MTVV = 0.24 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.78 m/s^2
MTVV = 0.38 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 11.09 V
RMS = 4.78 V
effective
Voltage (V)
Time (s)

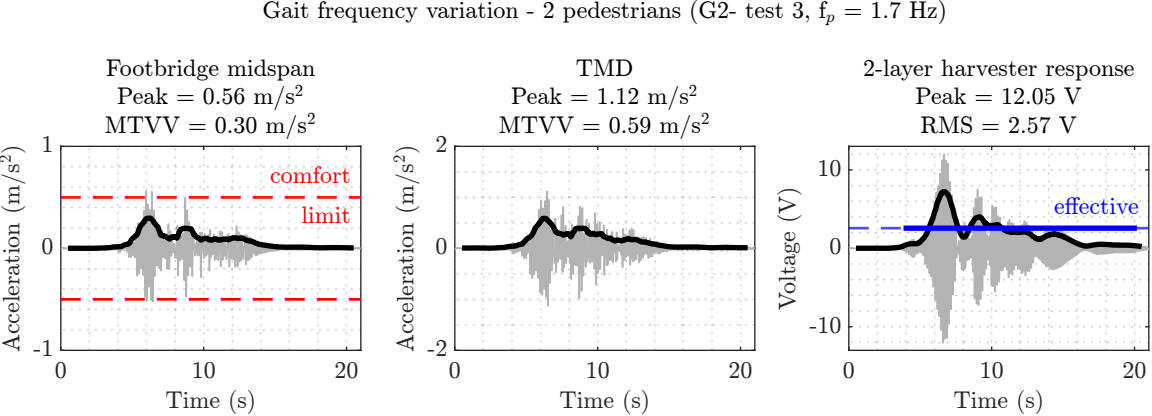

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.82 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.04 m/s²
MTVV = 1.02 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 16.48 V
RMS = 4.08 V
effective
Voltage (V)
Time (s)

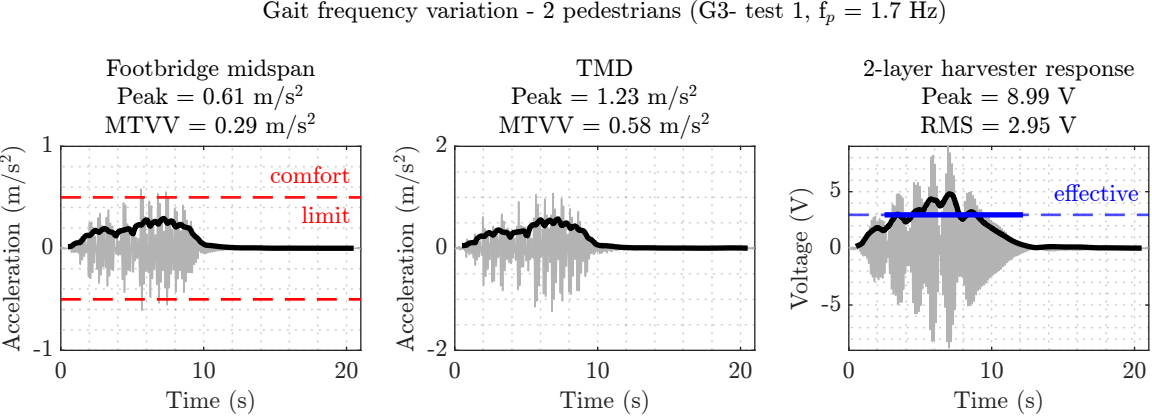

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.84 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.22 m/s²
MTVV = 1.11 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.12 V
RMS = 3.49 V
effective
Voltage (V)
Time (s)

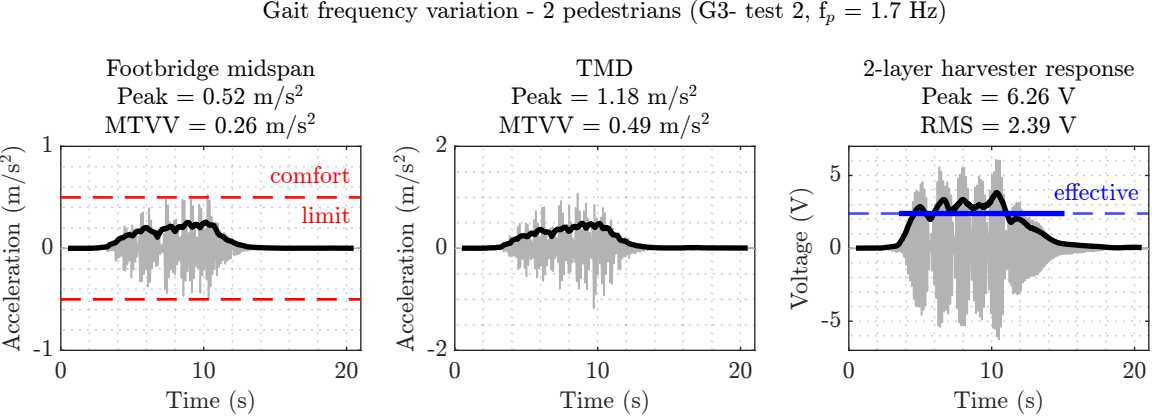

Gait frequency variation - 2 pedestrians (G1- test 3, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.67 m/s^2
MTVV = 0.26 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.76 m/s^2
MTVV = 0.71 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 16.40 V
RMS = 3.94 V
effective
Voltage (V)
Time (s)

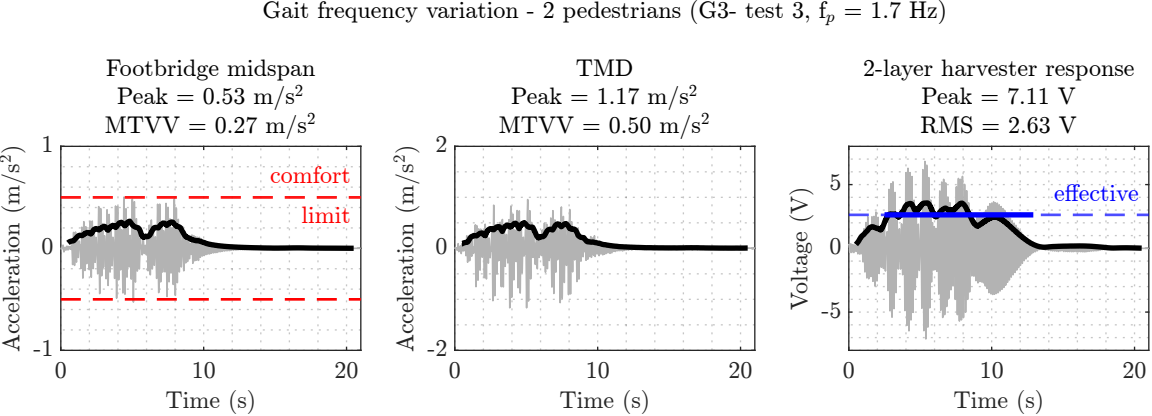

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.43 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.82 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.52 V
RMS = 1.88 V
effective
Voltage (V)
Time (s)

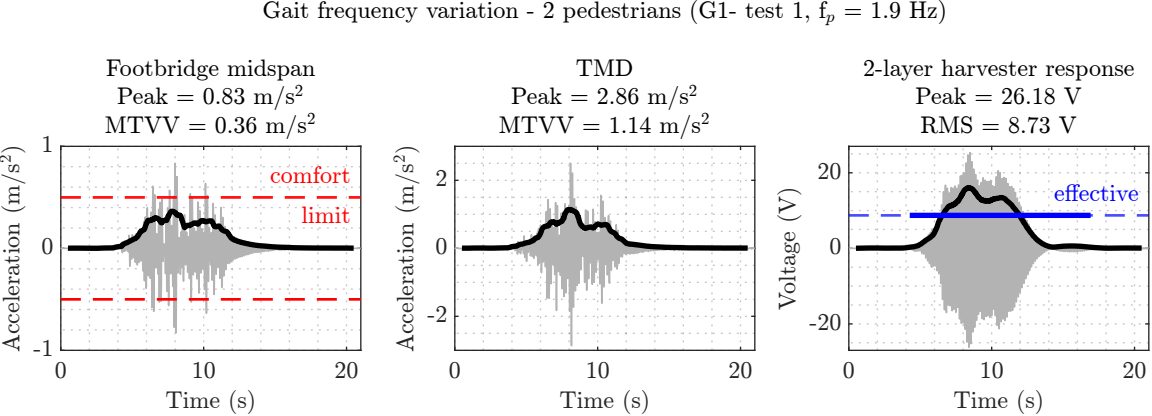

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.65 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.21 m/s²
MTVV = 0.55 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.64 V
RMS = 2.47 V
effective
Voltage (V)
Time (s)

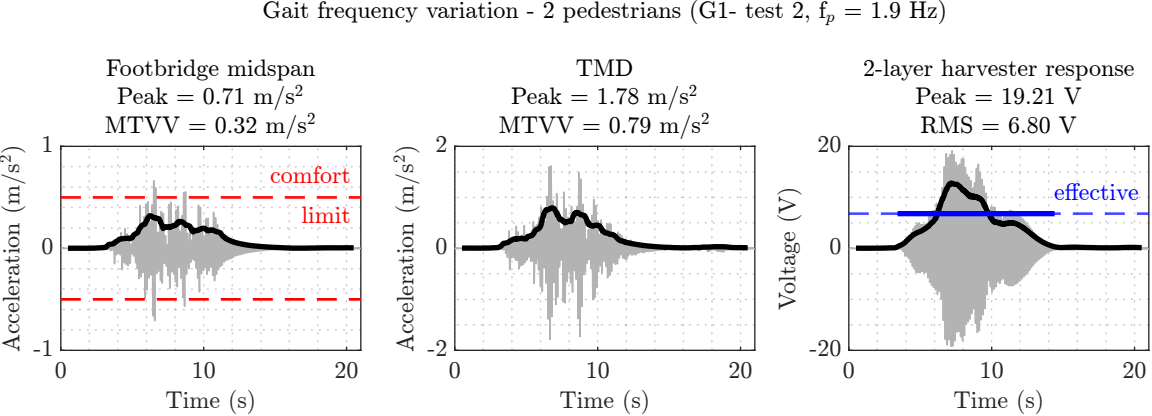

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.56 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.12 m/s²
MTVV = 0.59 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.05 V
RMS = 2.57 V
effective
Voltage (V)
Time (s)

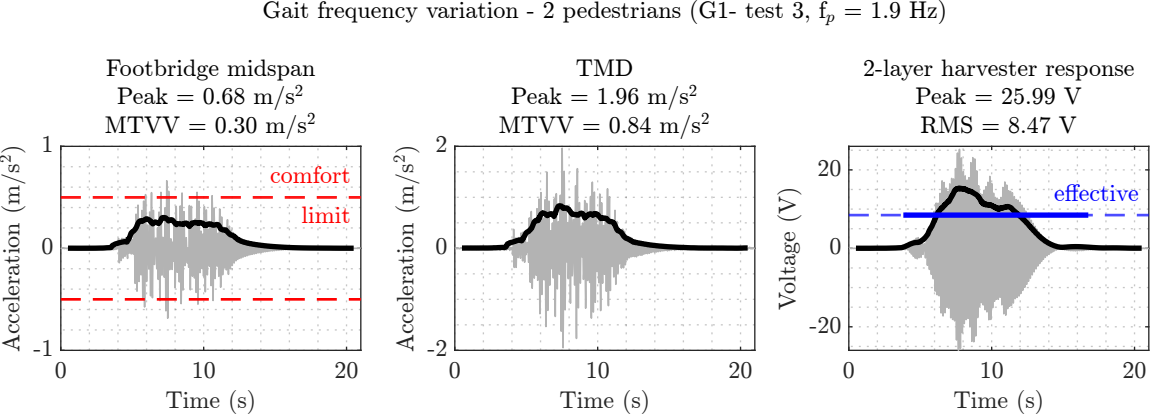

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.61 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.23 m/s²
MTVV = 0.58 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.99 V
RMS = 2.95 V
effective
Voltage (V)
Time (s)

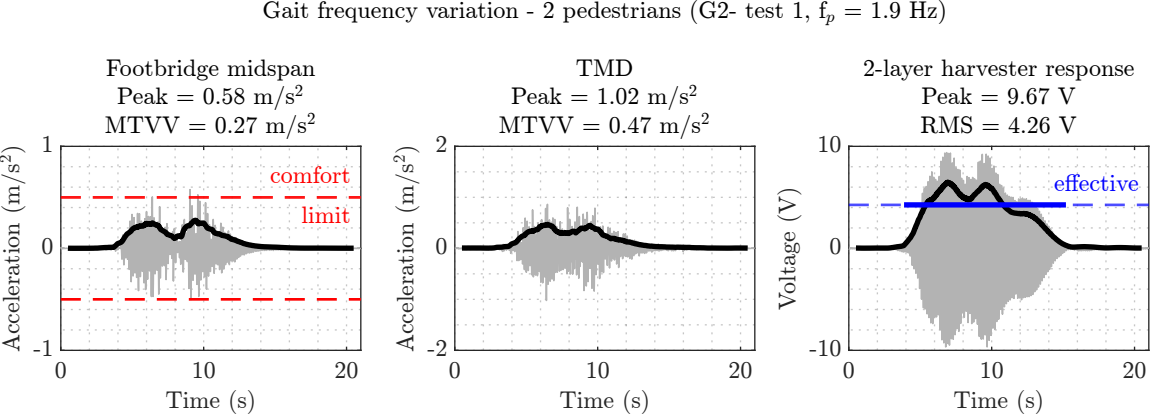

Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.52 m/s²
MTVV = 0.26 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.18 m/s²
MTVV = 0.49 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.26 V
RMS = 2.39 V
effective
Voltage (V)
Time (s)

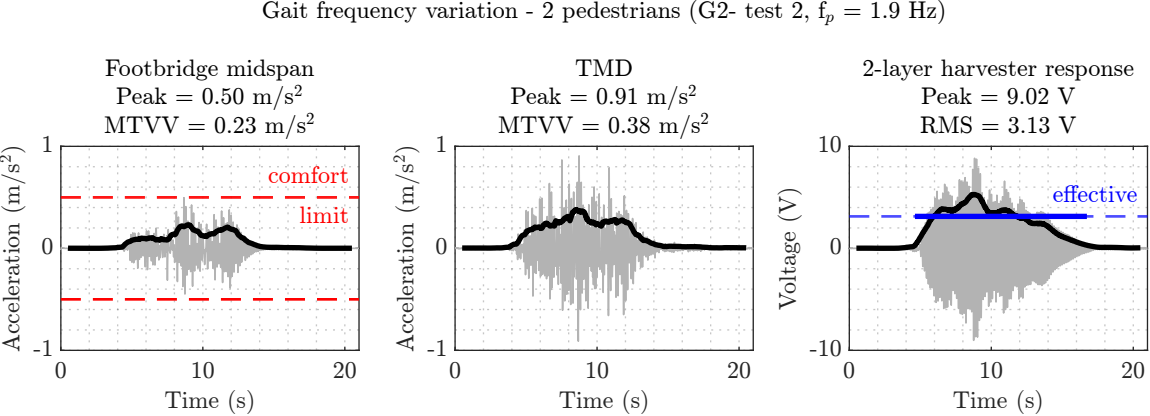

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.53 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.17 m/s²
MTVV = 0.50 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.11 V
RMS = 2.63 V
effective
Voltage (V)
Time (s)

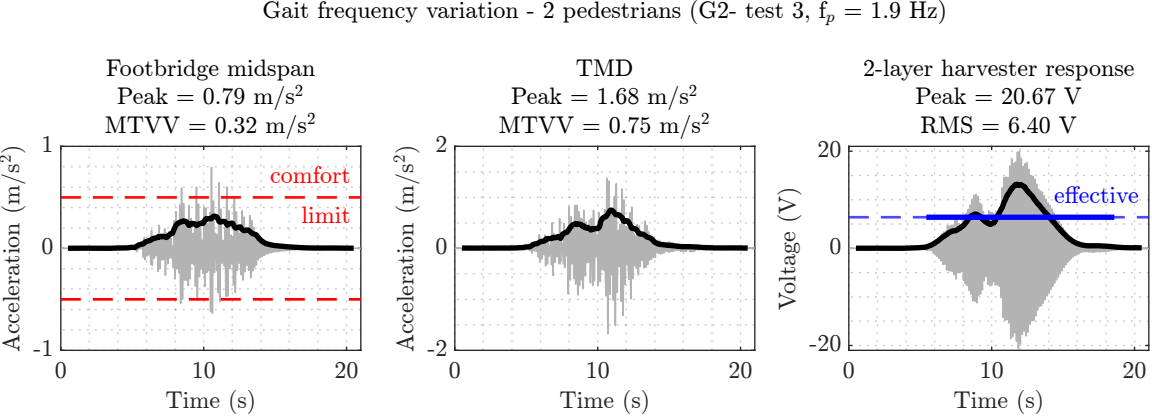

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.83 m/s²
MTVV = 0.36 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.86 m/s²
MTVV = 1.14 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 26.18 V
RMS = 8.73 V
effective
Voltage (V)
Time (s)

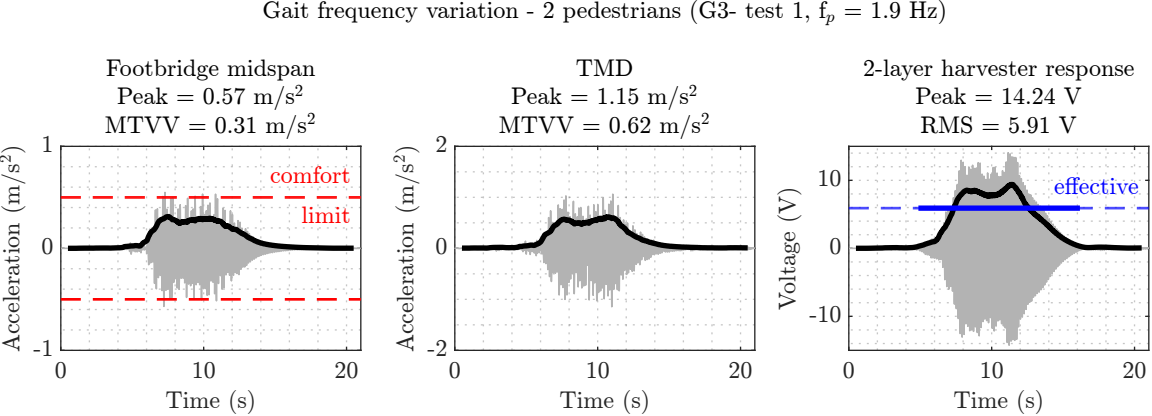

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.78 m/s²
MTVV = 0.79 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 19.21 V
RMS = 6.80 V
effective
Voltage (V)
Time (s)

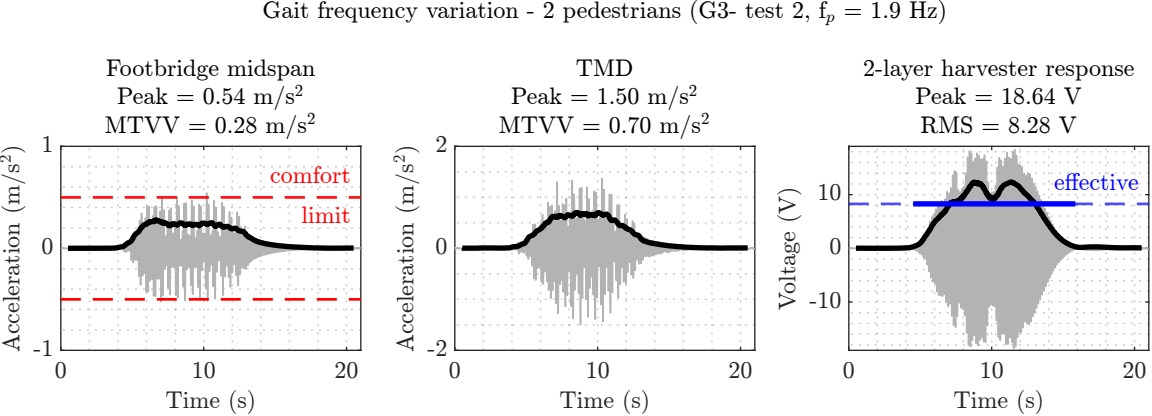

Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.68 m/s²
MTVV = 0.30 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.96 m/s²
MTVV = 0.84 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 25.99 V
RMS = 8.47 V
effective
Voltage (V)
Time (s)

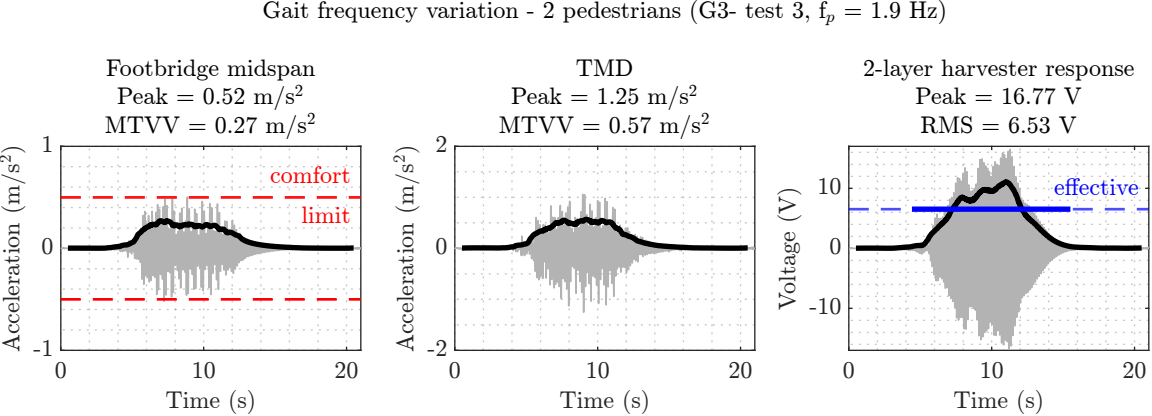

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.58 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.02 m/s²
MTVV = 0.47 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.67 V
RMS = 4.26 V
effective
Voltage (V)
Time (s)

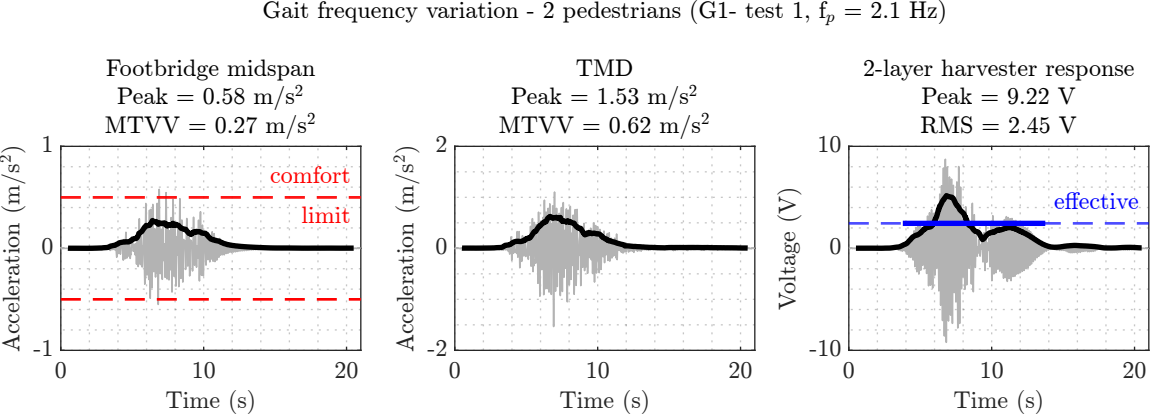

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.50 m/s^2
MTVV = 0.23 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.91 m/s^2
MTVV = 0.38 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 9.02 V
RMS = 3.13 V
effective
Voltage (V)
Time (s)

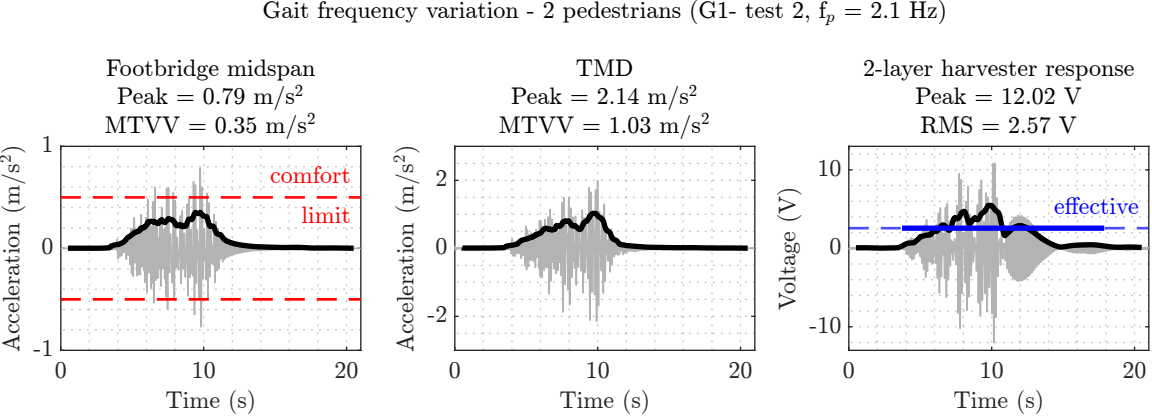

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.79 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.68 m/s²
MTVV = 0.75 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 20.67 V
RMS = 6.40 V
effective
Voltage (V)
Time (s)

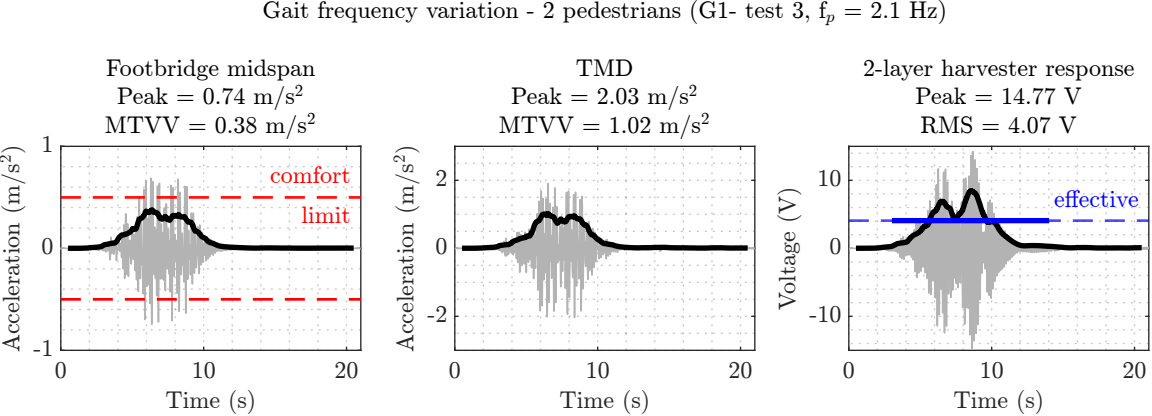

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.57 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.15 m/s²
MTVV = 0.62 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 14.24 V
RMS = 5.91 V
effective
Voltage (V)
Time (s)

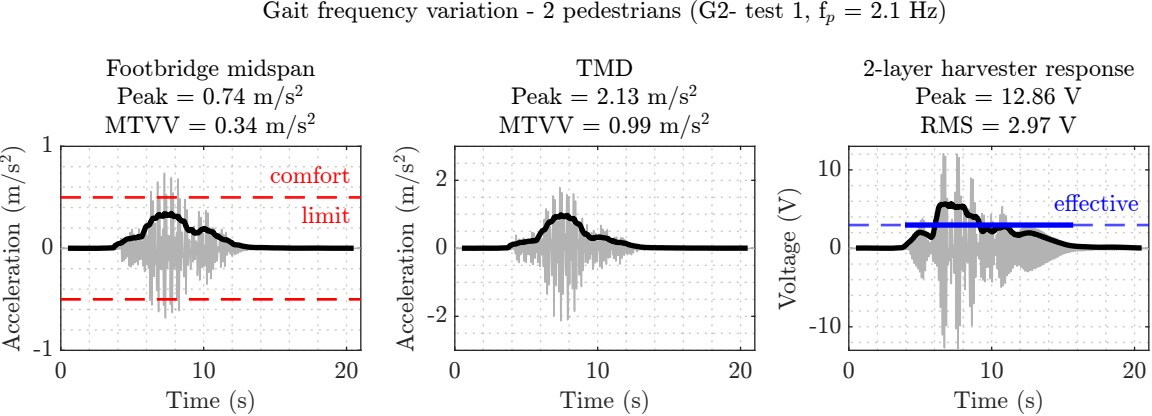

Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.54 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.50 m/s²
MTVV = 0.70 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 18.64 V
RMS = 8.28 V
effective
Voltage (V)
Time (s)

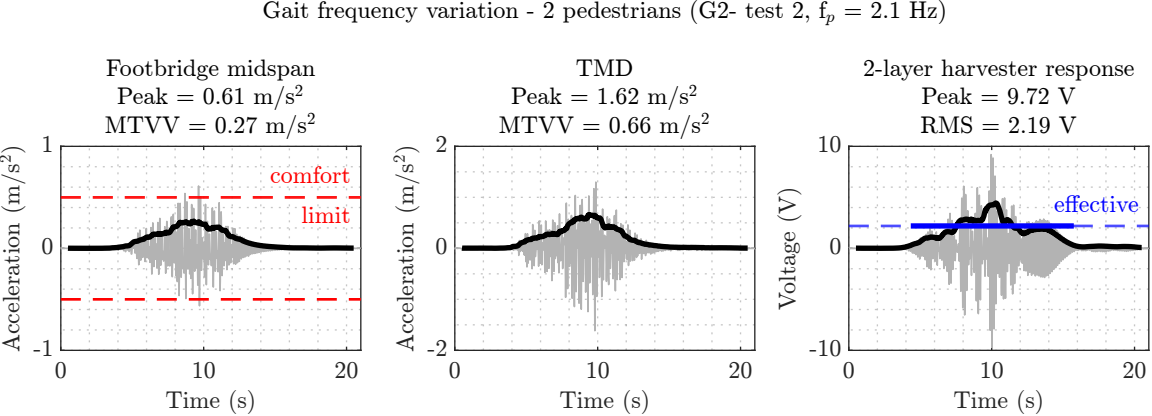

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.52 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.25 m/s²
MTVV = 0.57 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 16.77 V
RMS = 6.53 V
effective
Voltage (V)
Time (s)

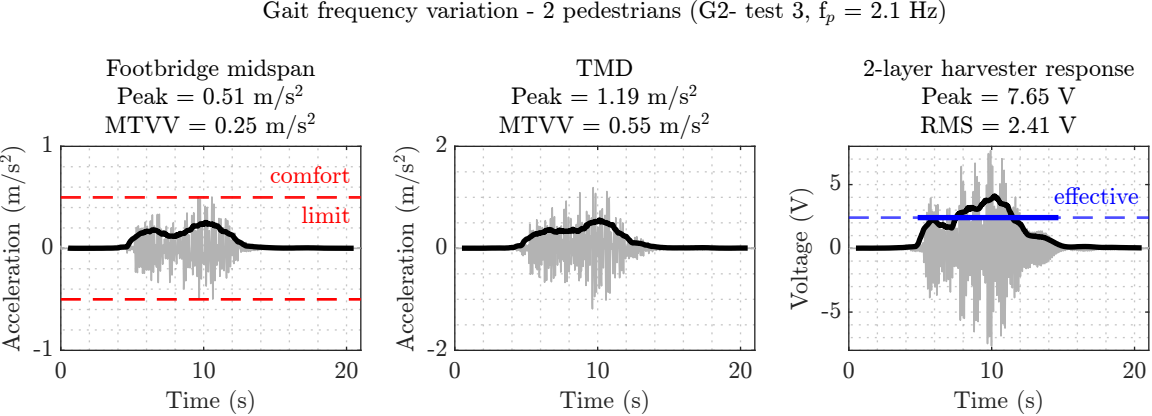

Gait frequency variation - 2 pedestrians (G1- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.58 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.53 m/s²
MTVV = 0.62 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.22 V
RMS = 2.45 V
effective
Voltage (V)
Time (s)

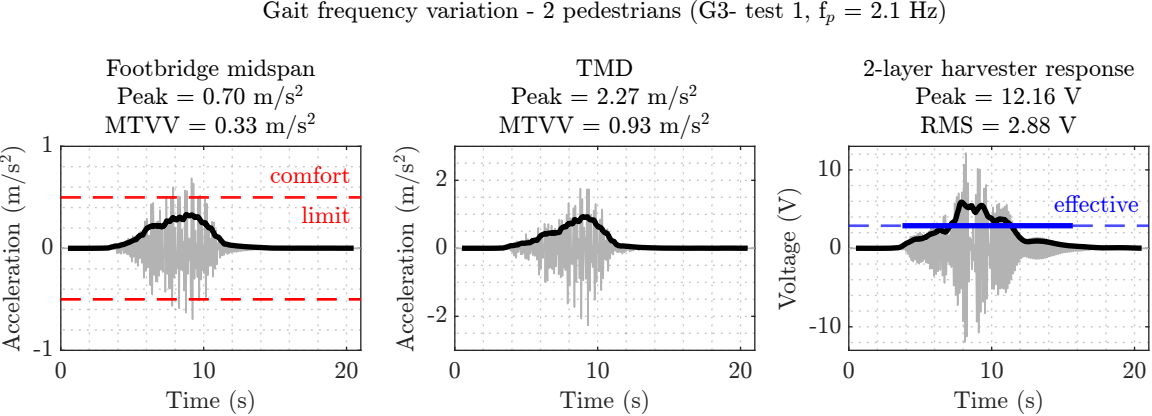

Gait frequency variation - 2 pedestrians (G1- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.79 m/s²
MTVV = 0.35 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.14 m/s²
MTVV = 1.03 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.02 V
RMS = 2.57 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 2 pedestrians (G1- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.74 m/s²
MTVV = 0.38 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.03 m/s²
MTVV = 1.02 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 14.77 V
RMS = 4.07 V
effective
Voltage (V)
Time (s)

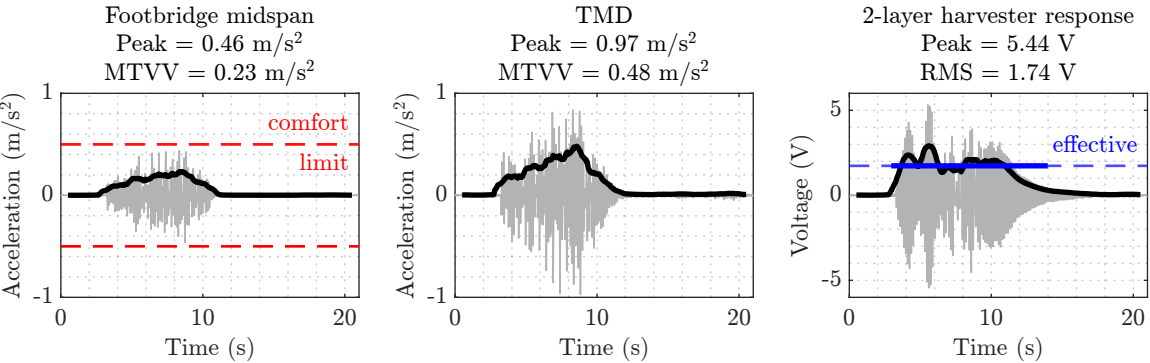

Gait frequency variation - 2 pedestrians (G2- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.74 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.13 m/s²
MTVV = 0.99 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.86 V
RMS = 2.97 V
effective
Voltage (V)
Time (s)

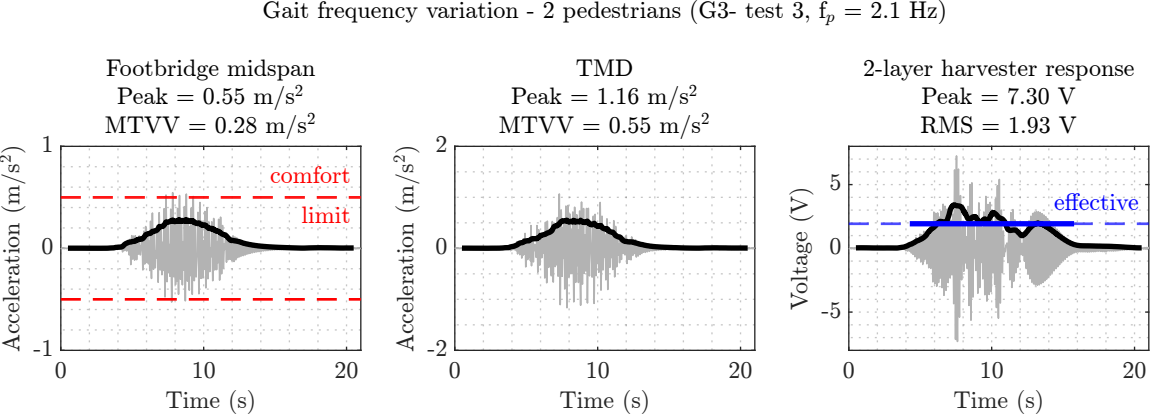

Gait frequency variation - 2 pedestrians (G2- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.61 m/s²
MTVV = 0.27 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.62 m/s²
MTVV = 0.66 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.72 V
RMS = 2.19 V
effective
Voltage (V)
Time (s)

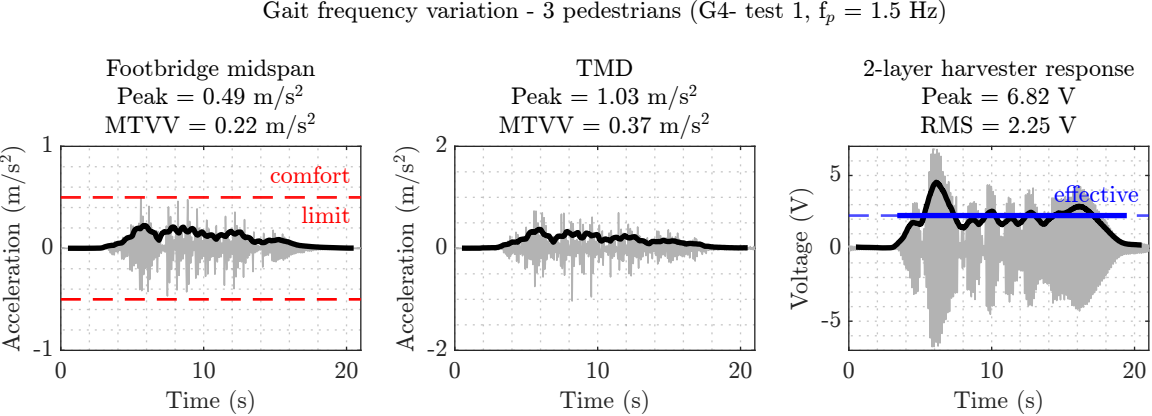

Gait frequency variation - 2 pedestrians (G2- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.51 m/s²
MTVV = 0.25 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.19 m/s²
MTVV = 0.55 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.65 V
RMS = 2.41 V
effective
Voltage (V)
Time (s)

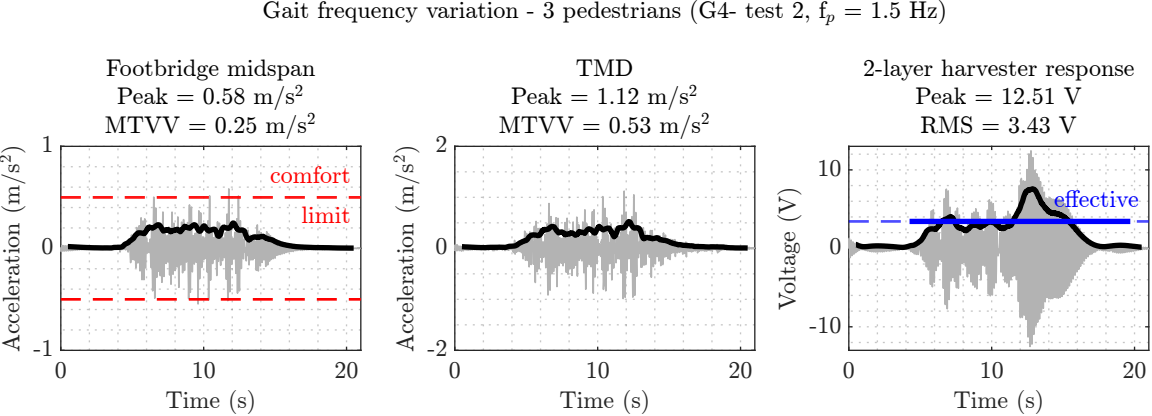

Gait frequency variation - 2 pedestrians (G3- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.70 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.27 m/s²
MTVV = 0.93 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.16 V
RMS = 2.88 V
effective
Voltage (V)
Time (s)

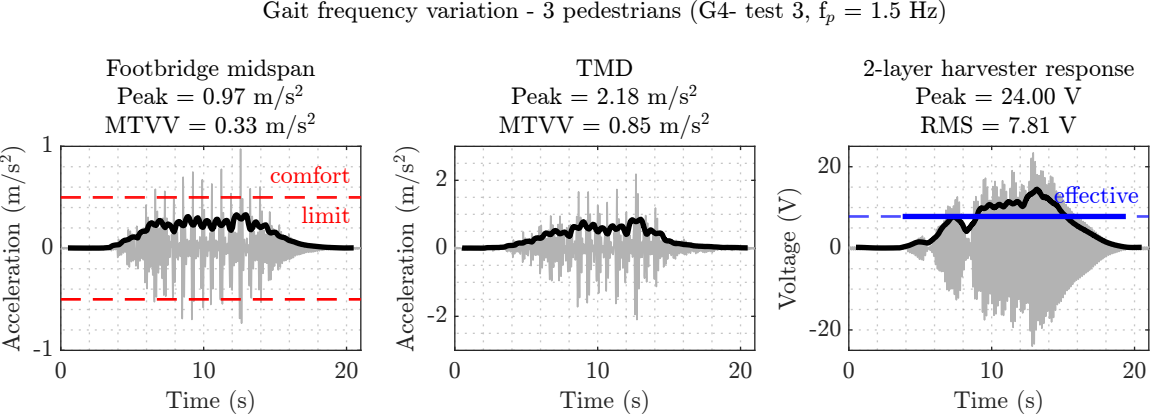
Gait frequency variation - 2 pedestrians (G3- test 2, f_p = 2.1 Hz)

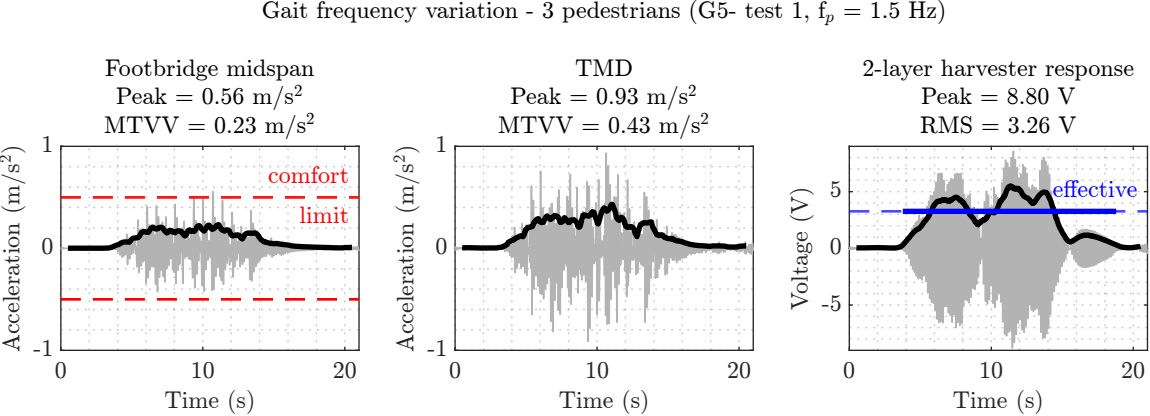


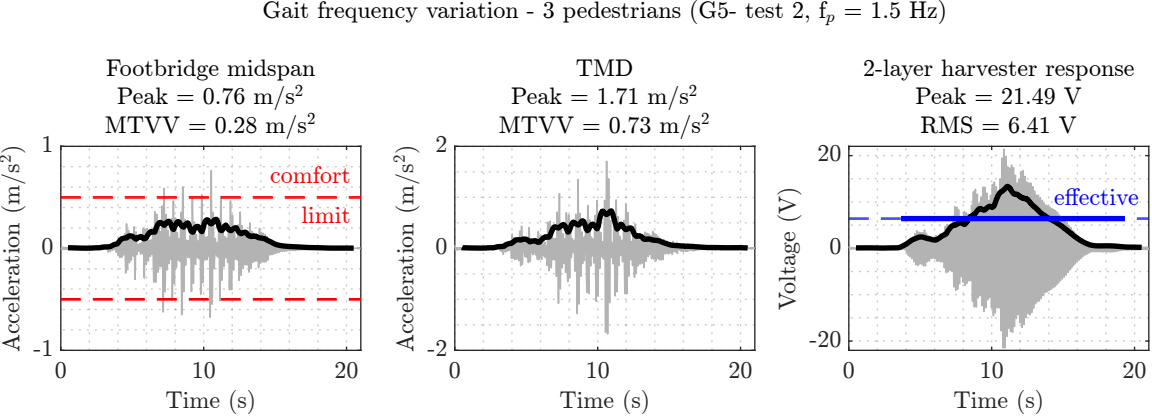

Gait frequency variation - 2 pedestrians (G3- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.55 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.16 m/s²
MTVV = 0.55 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.30 V
RMS = 1.93 V
effective
Voltage (V)
Time (s)

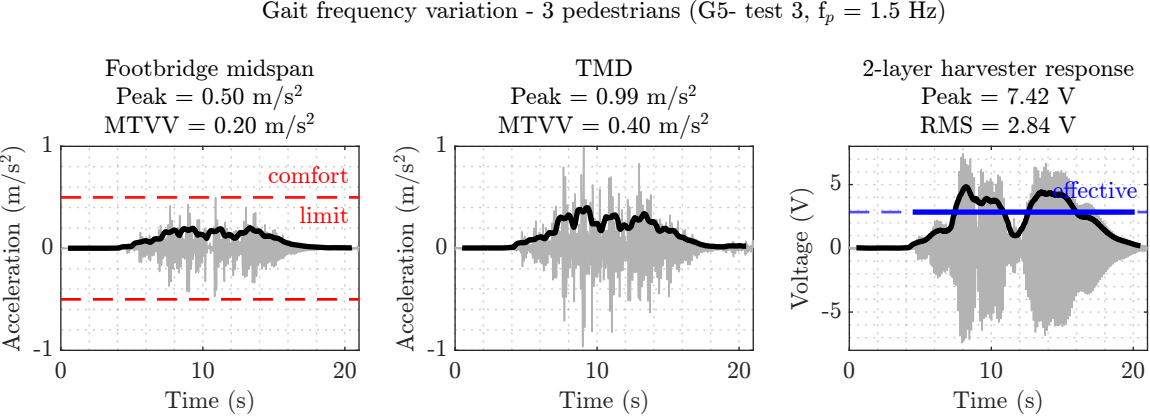

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.49 m/s²
MTVV = 0.22 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.03 m/s²
MTVV = 0.37 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 6.82 V
RMS = 2.25 V
effective
Voltage (V)
Time (s)

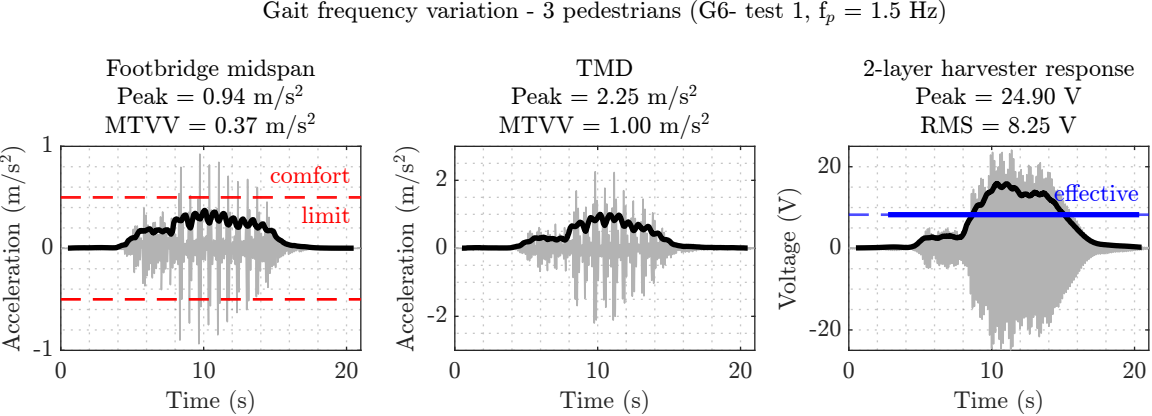

Gait frequency variation - 3 pedestrians (G4- test 2, f$_p$ = 1.5 Hz)
Footbridge midspan
Peak = 0.58 m/s^2
MTVV = 0.25 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.12 m/s^2
MTVV = 0.53 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 12.51 V
RMS = 3.43 V
effective
Voltage (V)
Time (s)

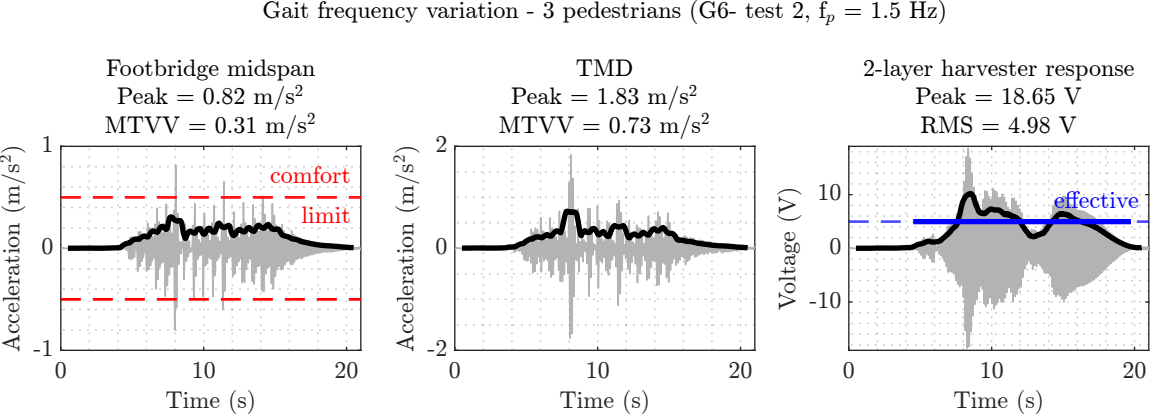

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.97 m/s²
MTVV = 0.33 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.18 m/s²
MTVV = 0.85 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 24.00 V
RMS = 7.81 V
effective
Voltage (V)
Time (s)

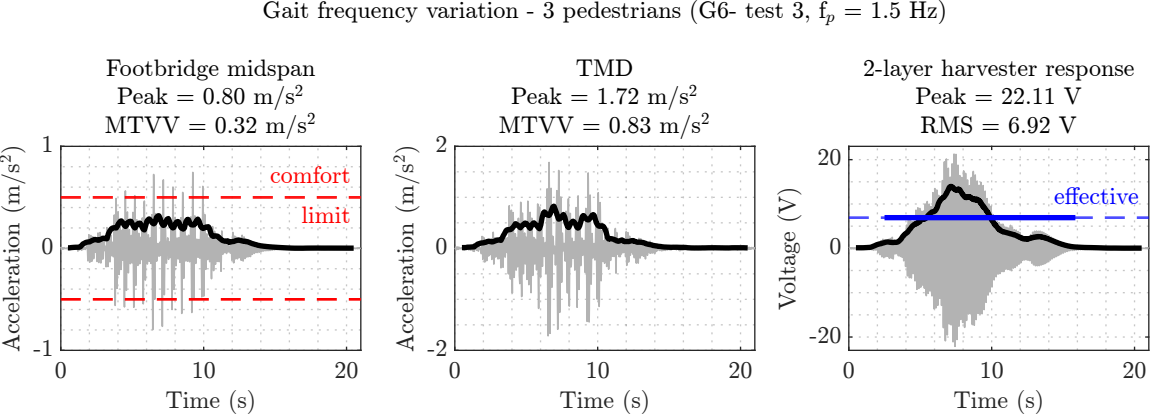

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.56 m/s^2
MTVV = 0.23 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 0.93 m/s^2
MTVV = 0.43 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 8.80 V
RMS = 3.26 V
effective
Voltage (V)
Time (s)

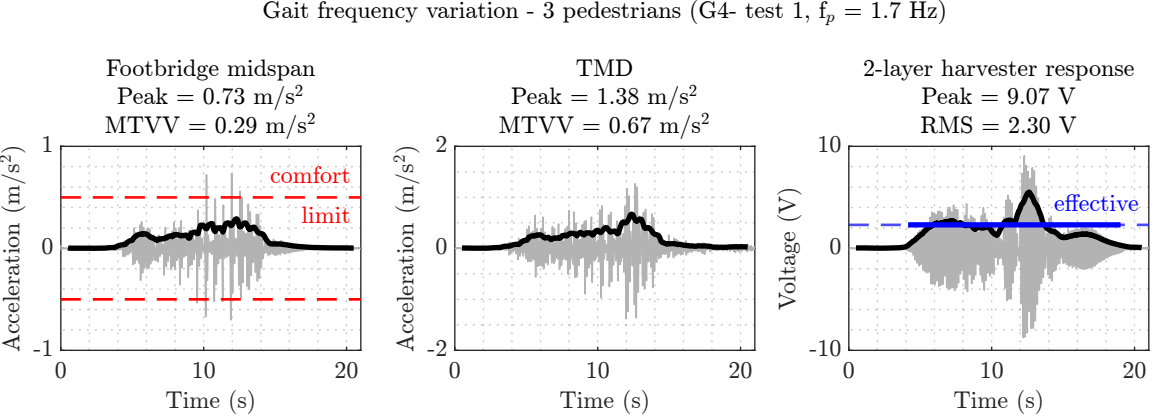

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.76 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.71 m/s²
MTVV = 0.73 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 21.49 V
RMS = 6.41 V
effective
Voltage (V)
Time (s)

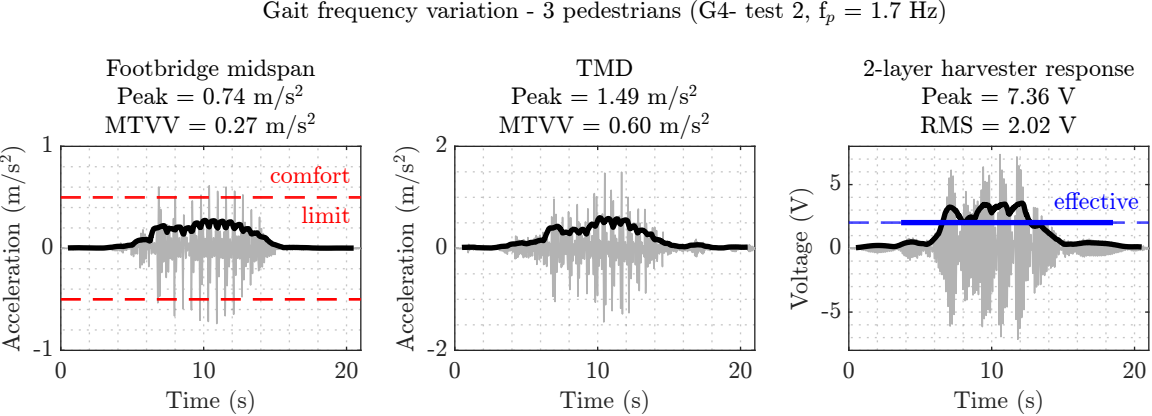

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.50 m/s²
MTVV = 0.20 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 0.99 m/s²
MTVV = 0.40 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.42 V
RMS = 2.84 V
effective
Voltage (V)
Time (s)

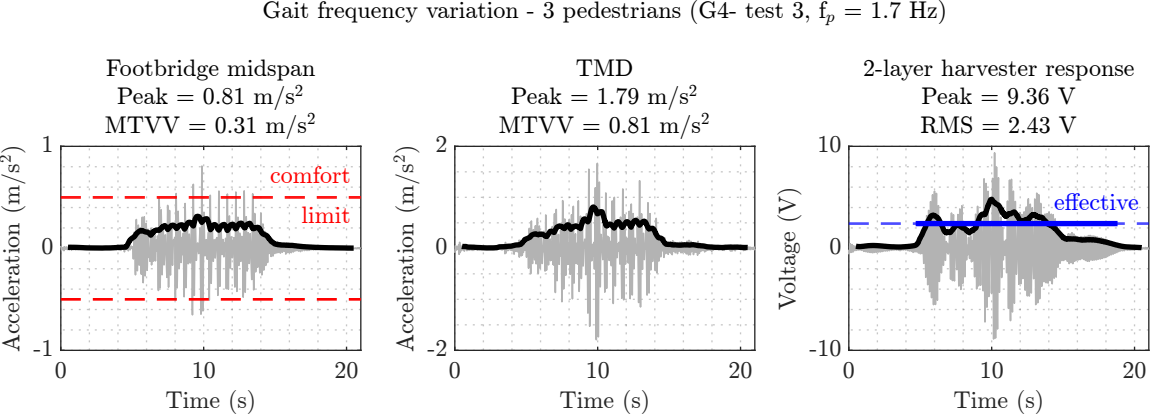

Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.94 m/s²
MTVV = 0.37 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.25 m/s²
MTVV = 1.00 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 24.90 V
RMS = 8.25 V
effective
Voltage (V)
Time (s)

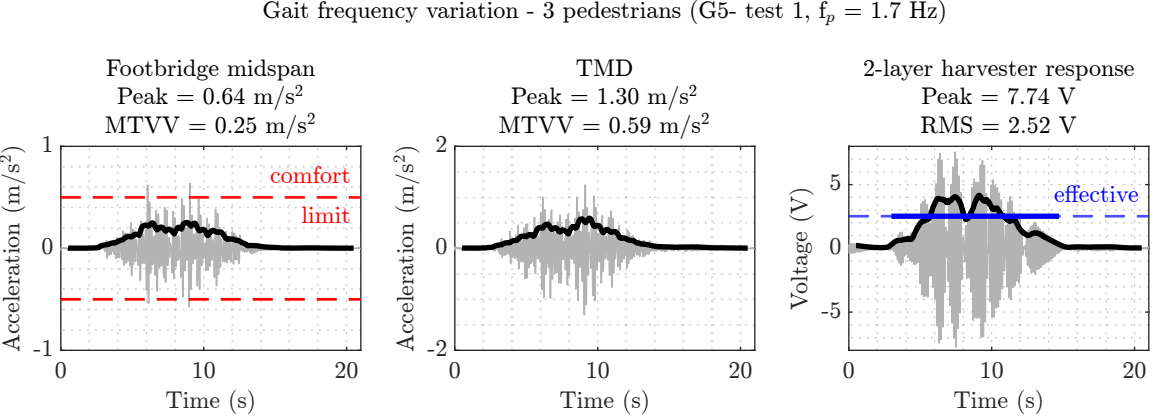

Gait frequency variation - 3 pedestrians (G6- test 2, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.82 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.83 m/s²
MTVV = 0.73 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 18.65 V
RMS = 4.98 V
effective
Voltage (V)
Time (s)

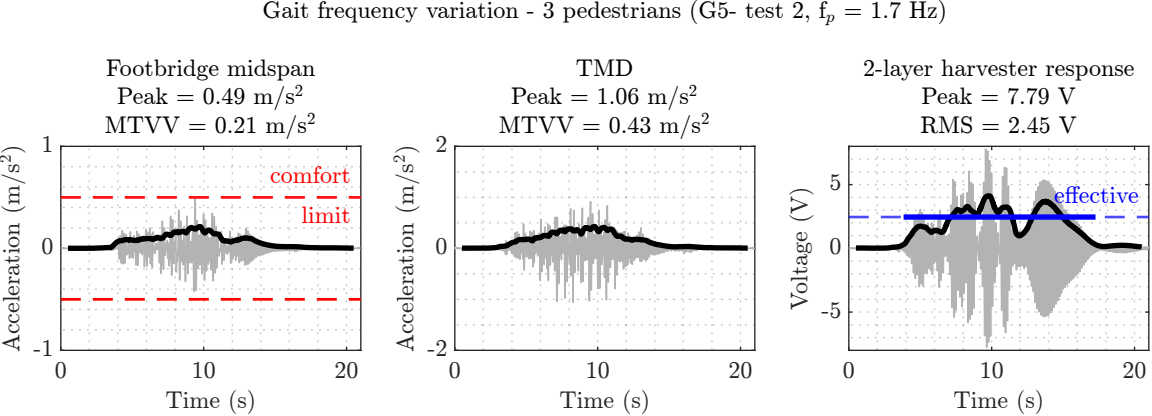

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.5 Hz)
Footbridge midspan
Peak = 0.80 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.72 m/s²
MTVV = 0.83 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 22.11 V
RMS = 6.92 V
effective
Voltage (V)
Time (s)

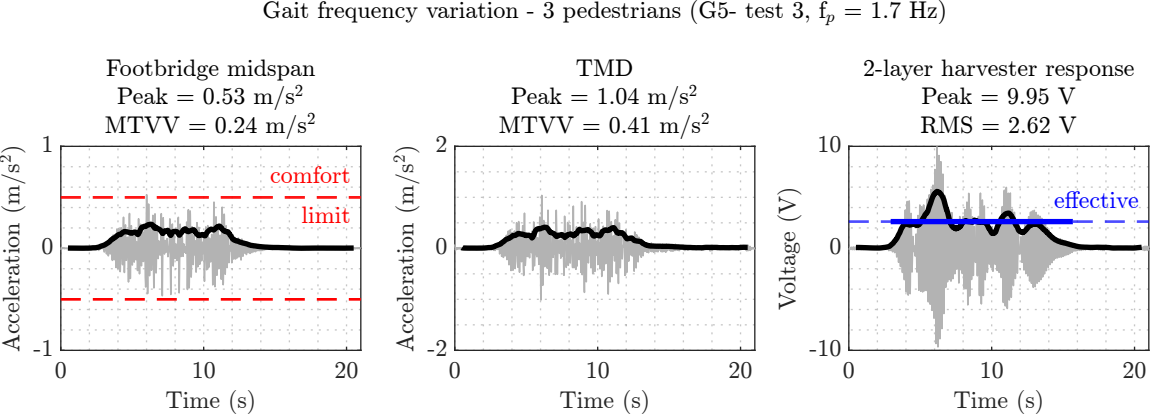

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.38 m/s²
MTVV = 0.67 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.07 V
RMS = 2.30 V
effective
Voltage (V)
Time (s)

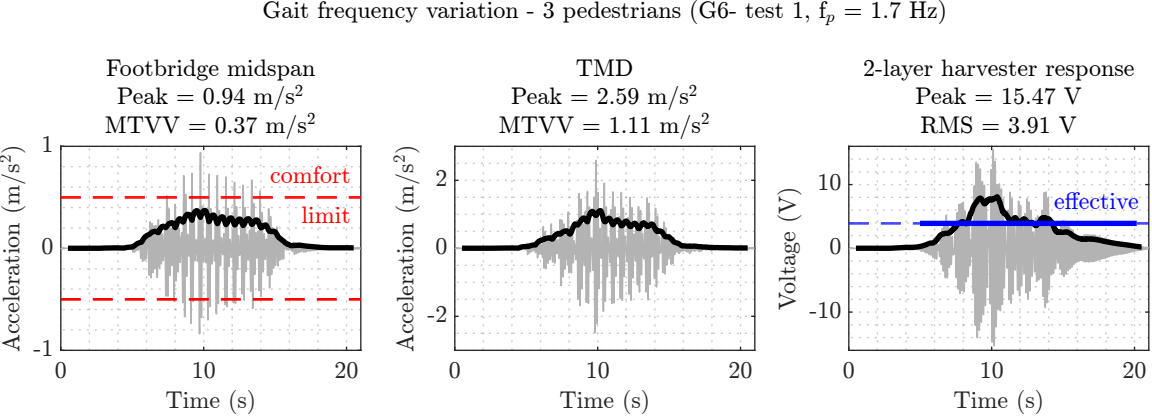

Gait frequency variation - 3 pedestrians (G4- test 2, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.74 m/s^2
MTVV = 0.27 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 1.49 m/s^2
MTVV = 0.60 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 7.36 V
RMS = 2.02 V
effective
Voltage (V)
Time (s)

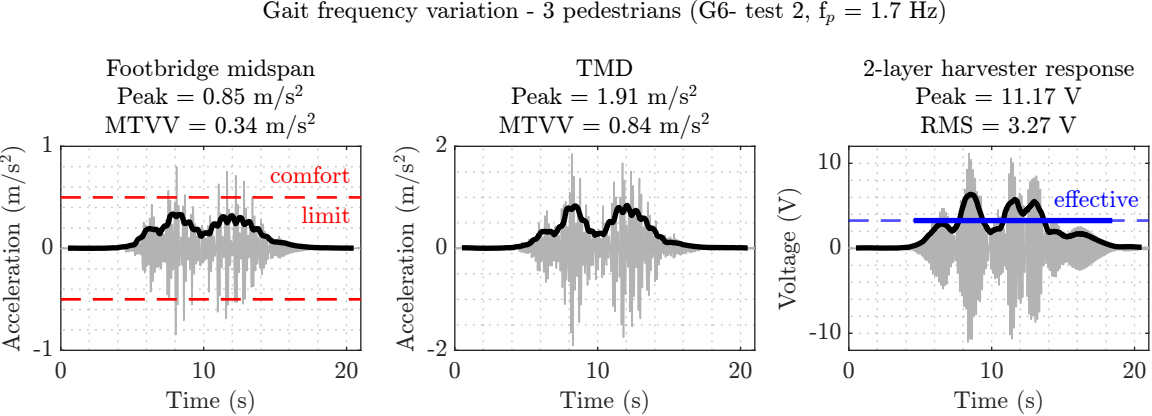

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.81 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.79 m/s²
MTVV = 0.81 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.36 V
RMS = 2.43 V
effective
Voltage (V)
Time (s)

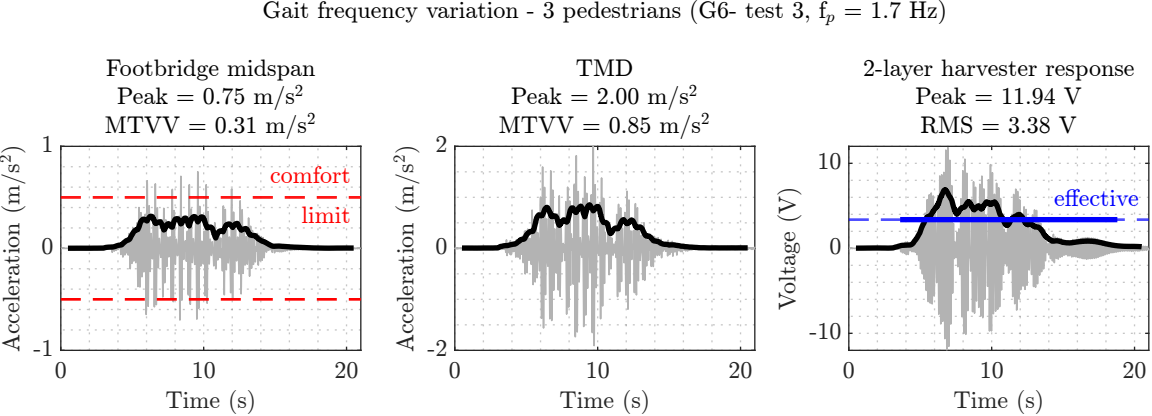

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.64 m/s²
MTVV = 0.25 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.30 m/s²
MTVV = 0.59 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.74 V
RMS = 2.52 V
effective
Voltage (V)
Time (s)

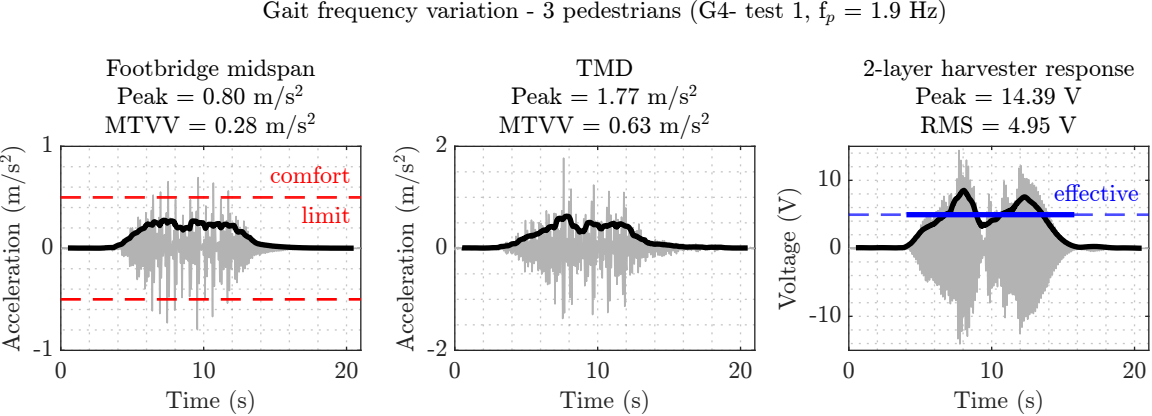

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.49 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.06 m/s²
MTVV = 0.43 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 7.79 V
RMS = 2.45 V
effective
Voltage (V)
Time (s)

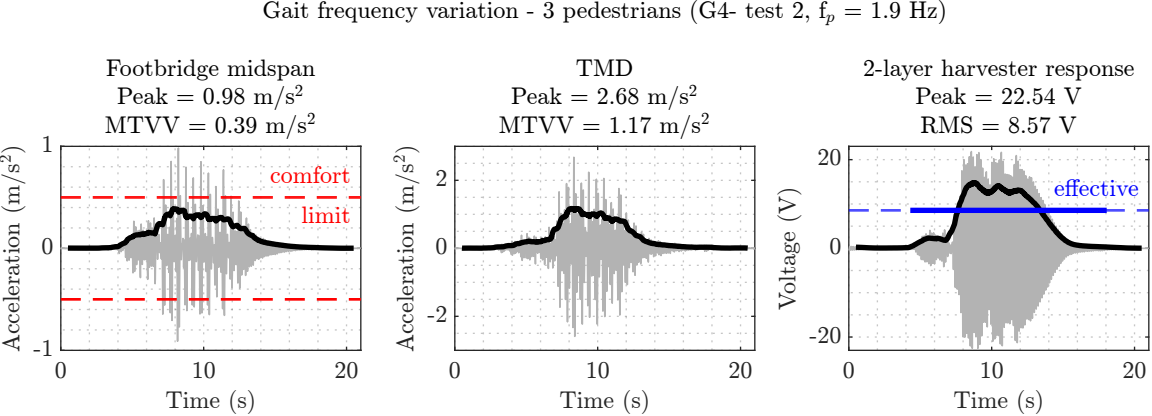

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.53 m/s²
MTVV = 0.24 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.04 m/s²
MTVV = 0.41 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.95 V
RMS = 2.62 V
effective
Voltage (V)
Time (s)

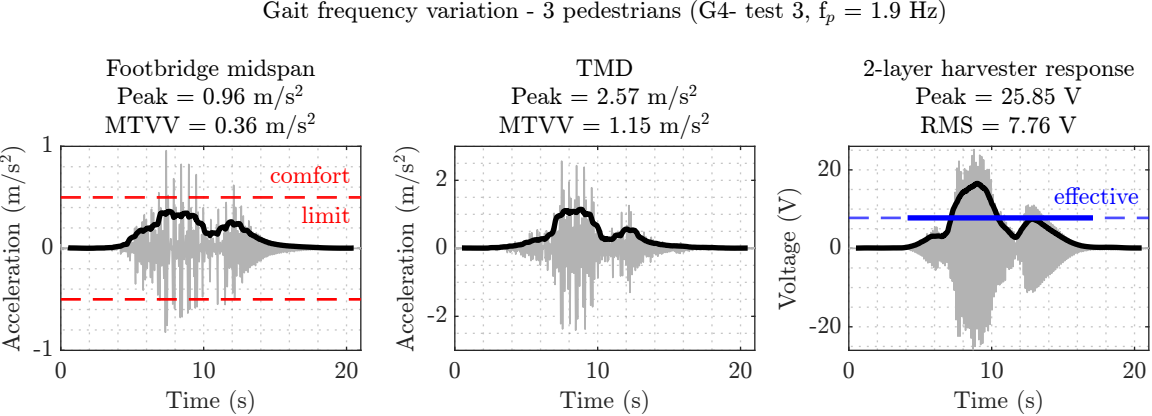

Gait frequency variation - 3 pedestrians (G6- test 1, f$_p$ = 1.7 Hz)
Footbridge midspan
Peak = 0.94 m/s^2
MTVV = 0.37 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 2.59 m/s^2
MTVV = 1.11 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 15.47 V
RMS = 3.91 V
effective
Voltage (V)
Time (s)

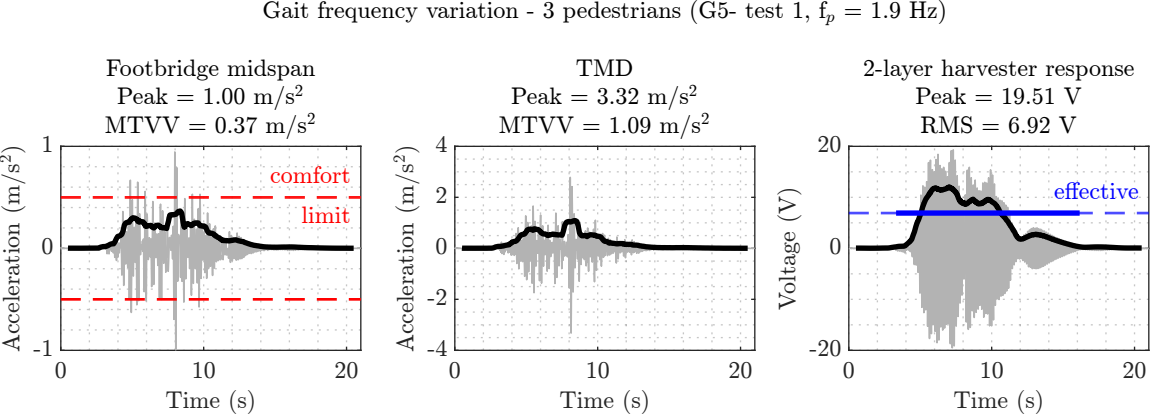

Gait frequency variation - 3 pedestrians (G6- test 2, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.85 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.91 m/s²
MTVV = 0.84 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.17 V
RMS = 3.27 V
effective
Voltage (V)
Time (s)

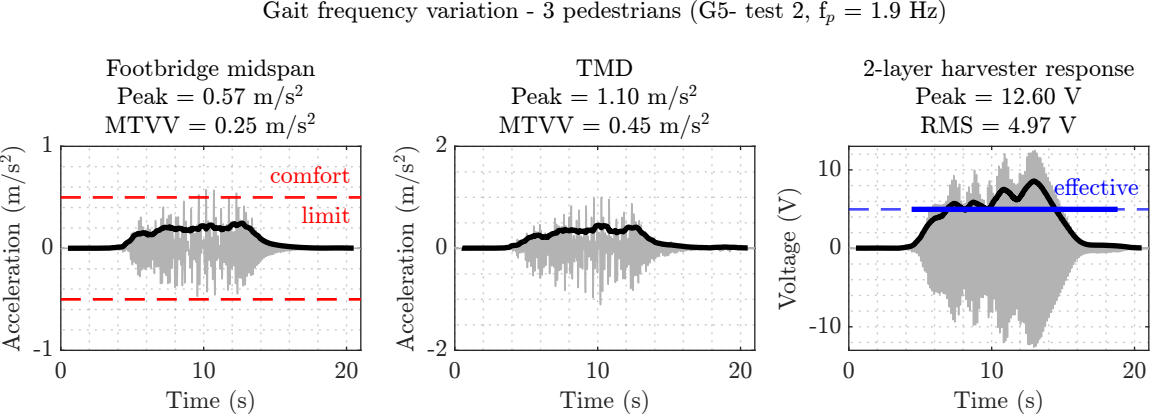

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.7 Hz)
Footbridge midspan
Peak = 0.75 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.00 m/s²
MTVV = 0.85 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 11.94 V
RMS = 3.38 V
effective
Voltage (V)
Time (s)

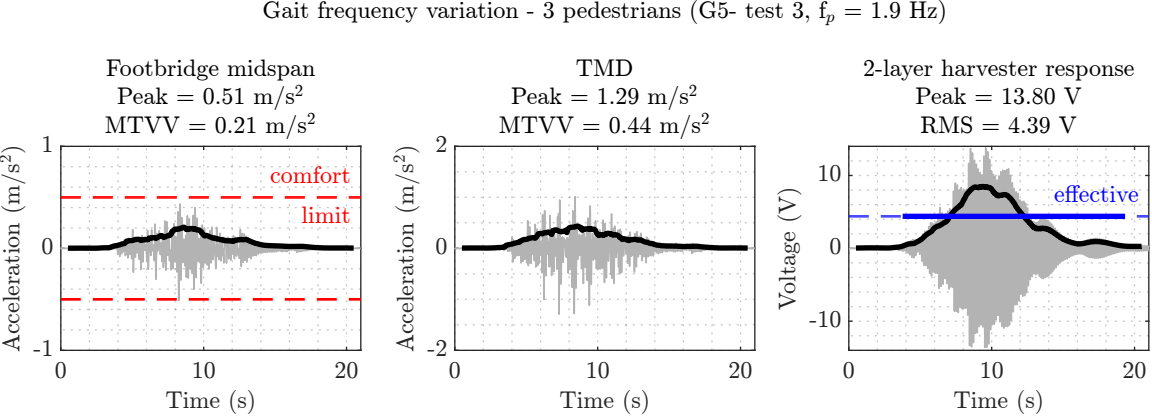

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.80 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.77 m/s²
MTVV = 0.63 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 14.39 V
RMS = 4.95 V
effective
Voltage (V)
Time (s)

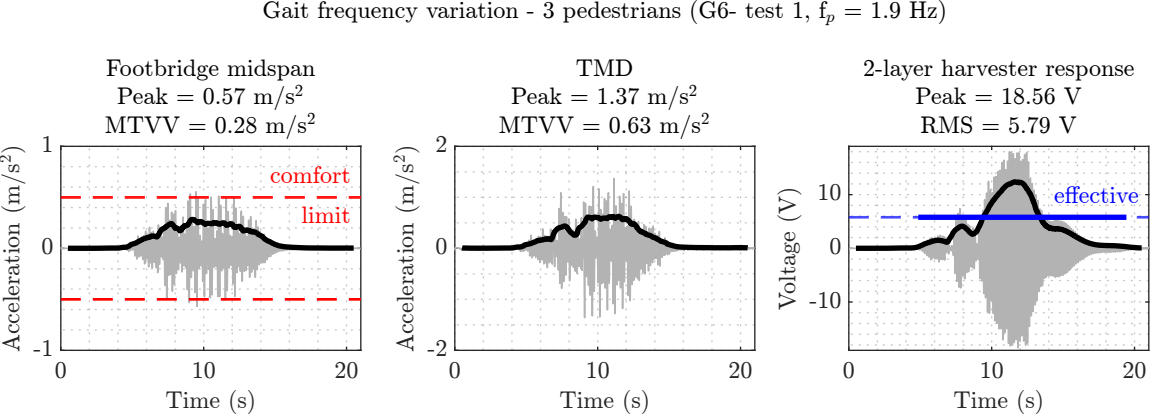

Gait frequency variation - 3 pedestrians (G4- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.98 m/s²
MTVV = 0.39 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.68 m/s²
MTVV = 1.17 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 22.54 V
RMS = 8.57 V
effective
Voltage (V)
Time (s)

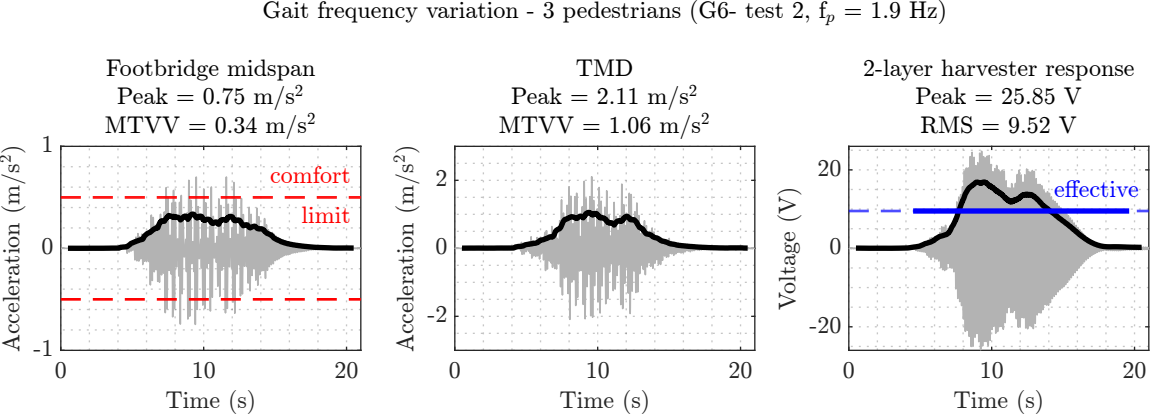

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.96 m/s²
MTVV = 0.36 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.57 m/s²
MTVV = 1.15 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 25.85 V
RMS = 7.76 V
effective
Voltage (V)
Time (s)

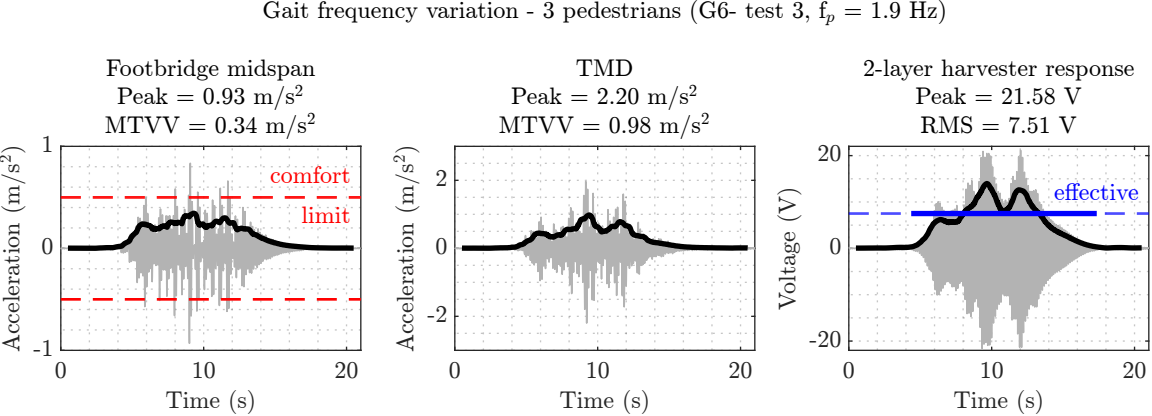

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 1.00 m/s^2
MTVV = 0.37 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 3.32 m/s^2
MTVV = 1.09 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 19.51 V
RMS = 6.92 V
effective
Voltage (V)
Time (s)

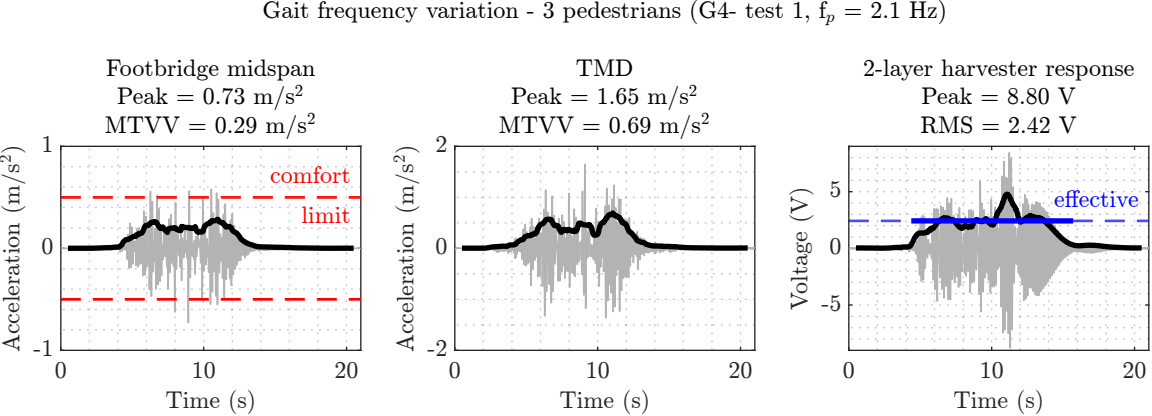

Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.57 m/s²
MTVV = 0.25 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.10 m/s²
MTVV = 0.45 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.60 V
RMS = 4.97 V
effective
Voltage (V)
Time (s)

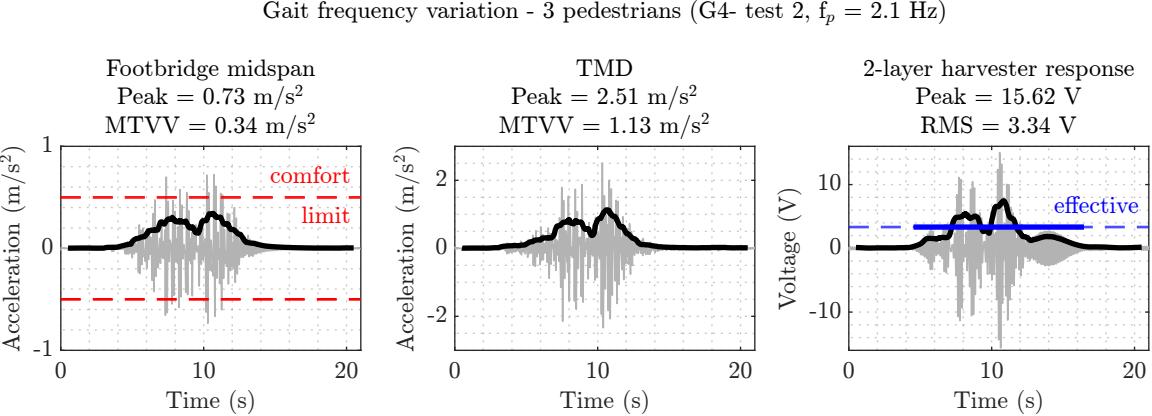

Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.51 m/s²
MTVV = 0.21 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.29 m/s²
MTVV = 0.44 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 13.80 V
RMS = 4.39 V
effective
Voltage (V)
Time (s)

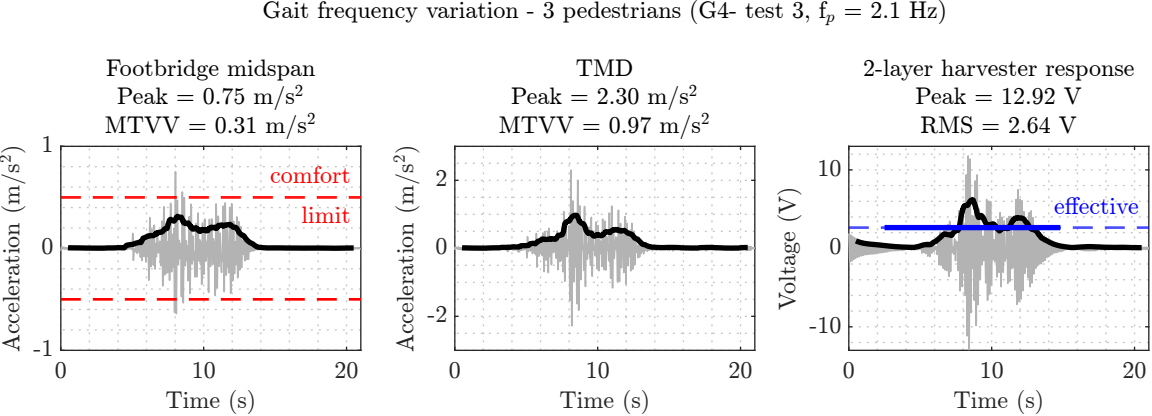

Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.57 m/s²
MTVV = 0.28 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.37 m/s²
MTVV = 0.63 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 18.56 V
RMS = 5.79 V
effective
Voltage (V)
Time (s)

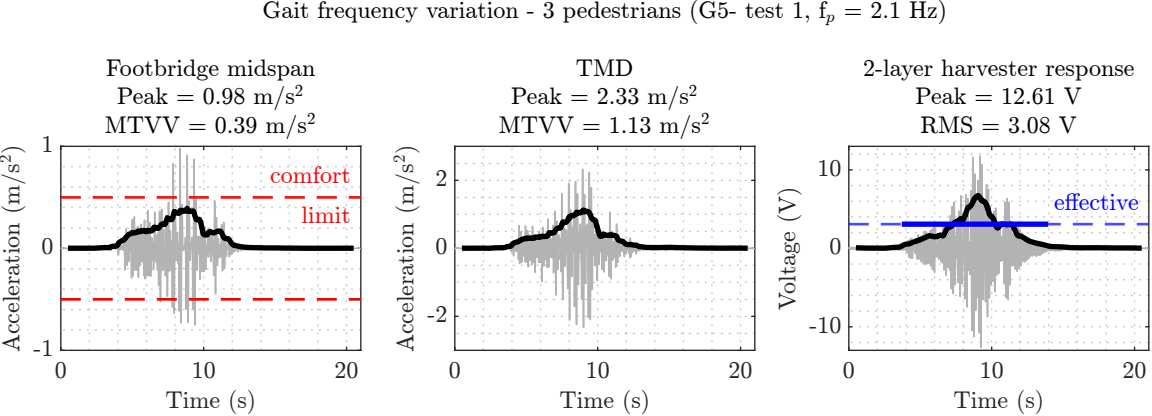

Gait frequency variation - 3 pedestrians (G6- test 2, f$_p$ = 1.9 Hz)
Footbridge midspan
Peak = 0.75 m/s^2
MTVV = 0.34 m/s^2
comfort
limit
Acceleration (m/s^2)
Time (s)
TMD
Peak = 2.11 m/s^2
MTVV = 1.06 m/s^2
Acceleration (m/s^2)
Time (s)
2-layer harvester response
Peak = 25.85 V
RMS = 9.52 V
effective
Voltage (V)
Time (s)

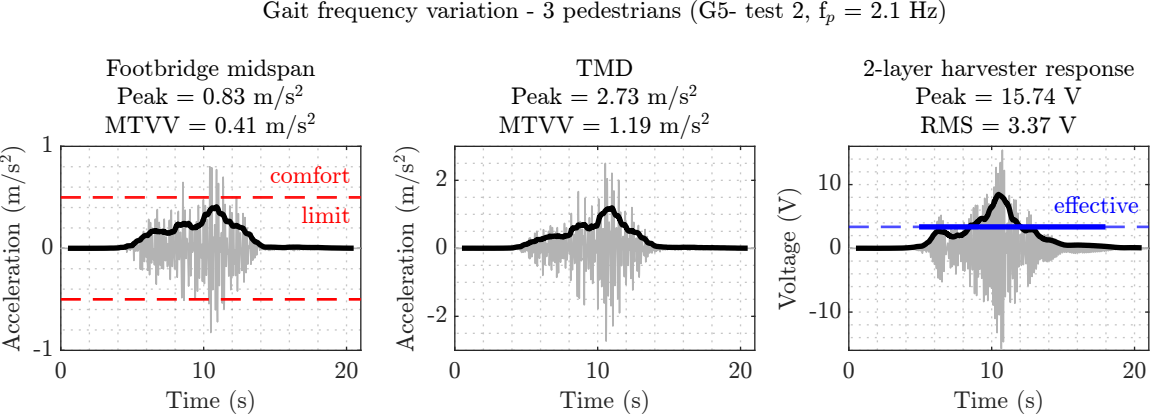

Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 1.9 Hz)
Footbridge midspan
Peak = 0.93 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.20 m/s²
MTVV = 0.98 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 21.58 V
RMS = 7.51 V
effective
Voltage (V)
Time (s)

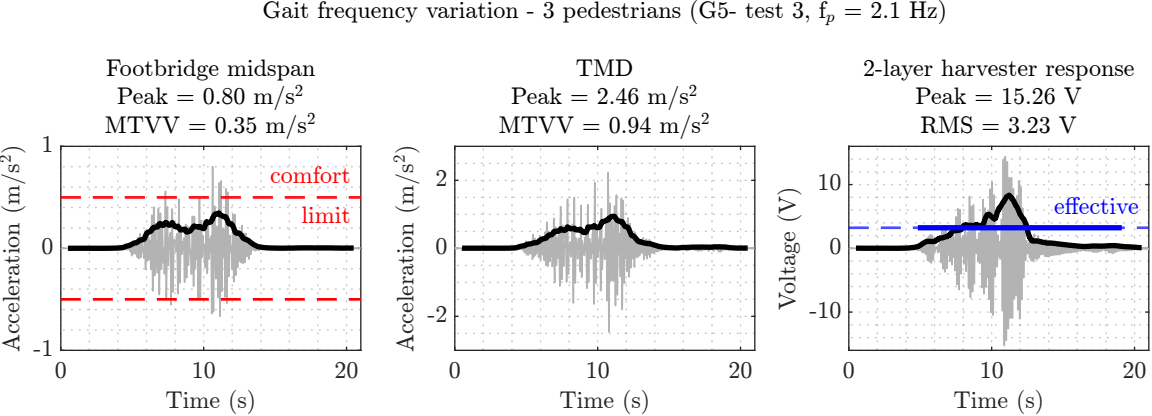

Gait frequency variation - 3 pedestrians (G4- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.29 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.65 m/s²
MTVV = 0.69 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 8.80 V
RMS = 2.42 V
effective
Voltage (V)
Time (s)

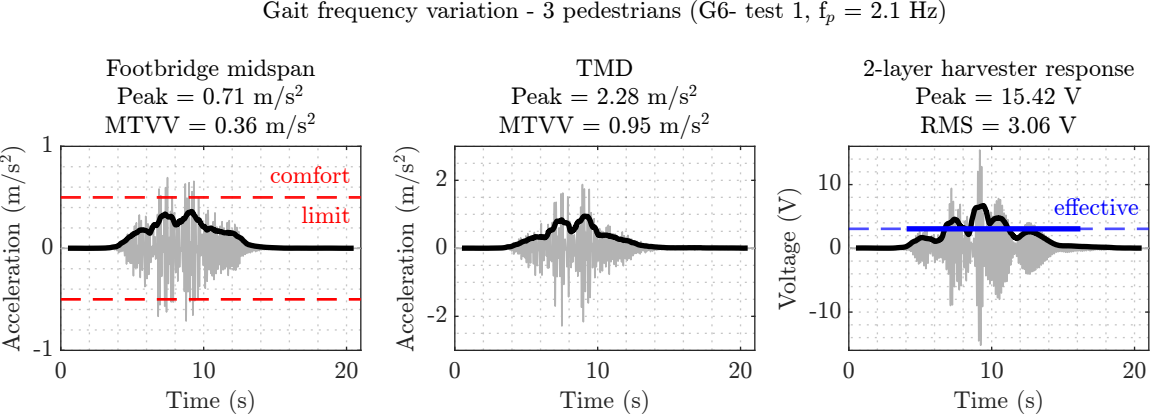

Gait frequency variation - 3 pedestrians (G4- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.73 m/s²
MTVV = 0.34 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.51 m/s²
MTVV = 1.13 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.62 V
RMS = 3.34 V
effective
Voltage (V)
Time (s)

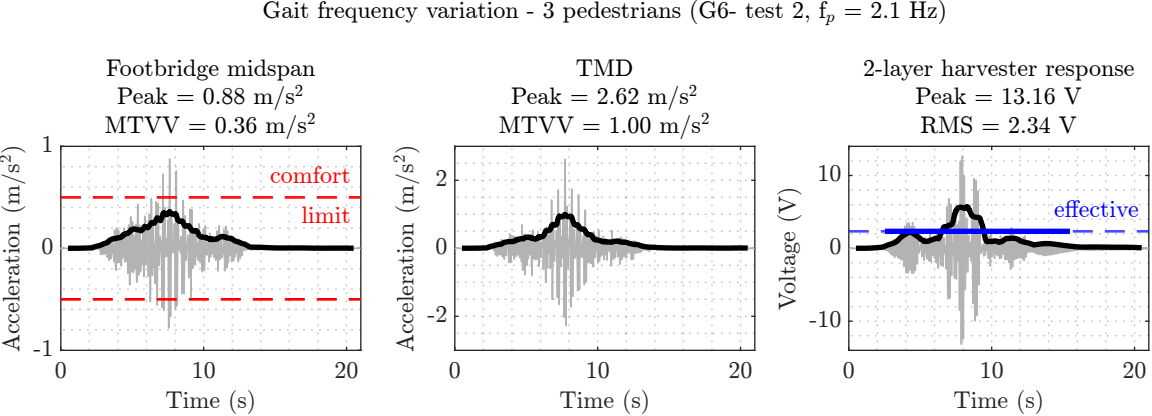

Gait frequency variation - 3 pedestrians (G4- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.75 m/s²
MTVV = 0.31 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.30 m/s²
MTVV = 0.97 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.92 V
RMS = 2.64 V
effective
Voltage (V)
Time (s)

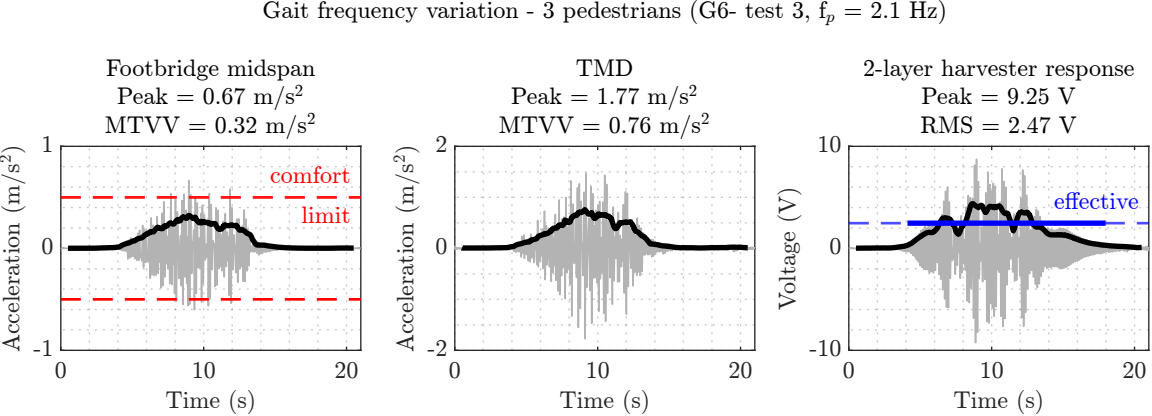

Gait frequency variation - 3 pedestrians (G5- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.98 m/s²
MTVV = 0.39 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.33 m/s²
MTVV = 1.13 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 12.61 V
RMS = 3.08 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G5- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.83 m/s²
MTVV = 0.41 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.73 m/s²
MTVV = 1.19 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.74 V
RMS = 3.37 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G5- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.80 m/s²
MTVV = 0.35 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.46 m/s²
MTVV = 0.94 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.26 V
RMS = 3.23 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 1, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.71 m/s²
MTVV = 0.36 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.28 m/s²
MTVV = 0.95 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 15.42 V
RMS = 3.06 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 2, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.88 m/s²
MTVV = 0.36 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 2.62 m/s²
MTVV = 1.00 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 13.16 V
RMS = 2.34 V
effective
Voltage (V)
Time (s)


Gait frequency variation - 3 pedestrians (G6- test 3, f_p = 2.1 Hz)
Footbridge midspan
Peak = 0.67 m/s²
MTVV = 0.32 m/s²
comfort
limit
Acceleration (m/s²)
Time (s)
TMD
Peak = 1.77 m/s²
MTVV = 0.76 m/s²
Acceleration (m/s²)
Time (s)
2-layer harvester response
Peak = 9.25 V
RMS = 2.47 V
effective
Voltage (V)
Time (s)