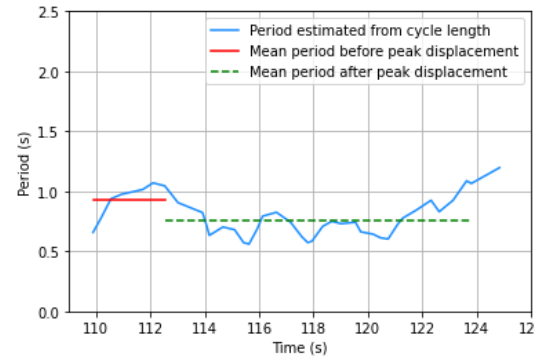
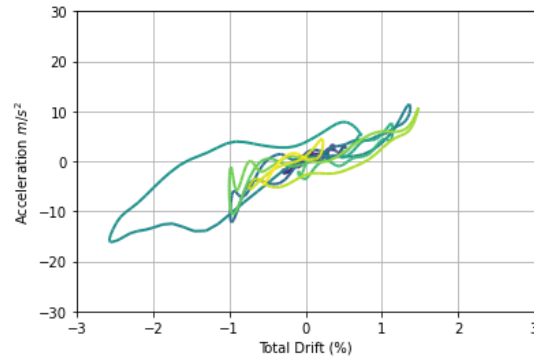
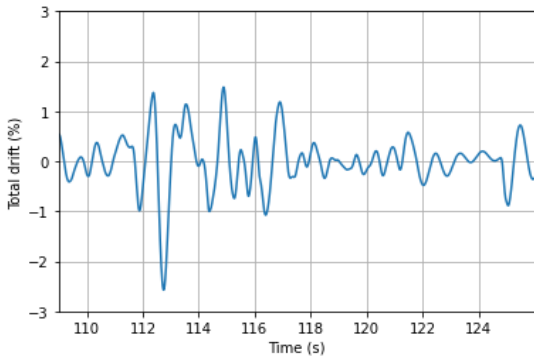
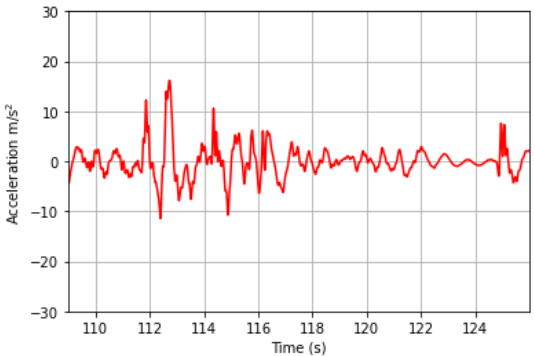
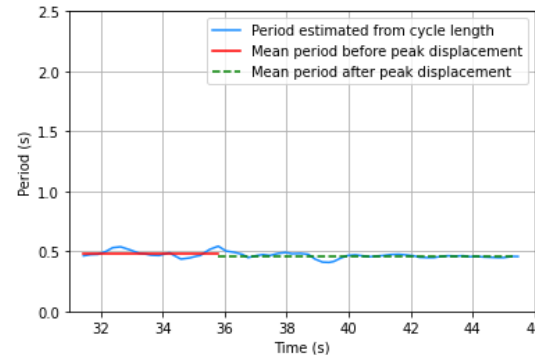
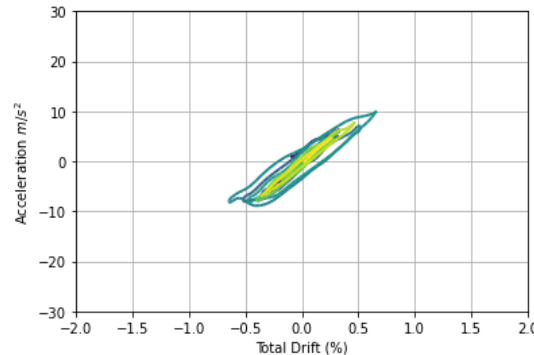
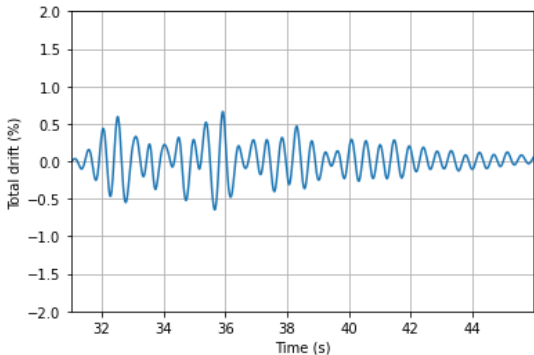
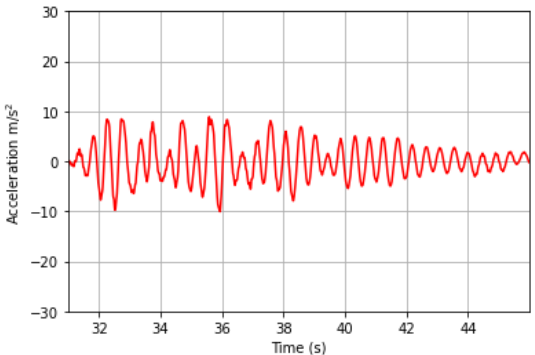


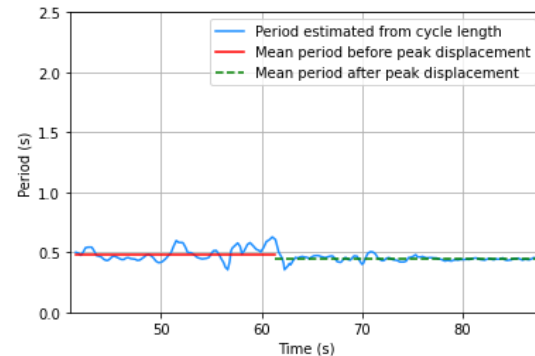
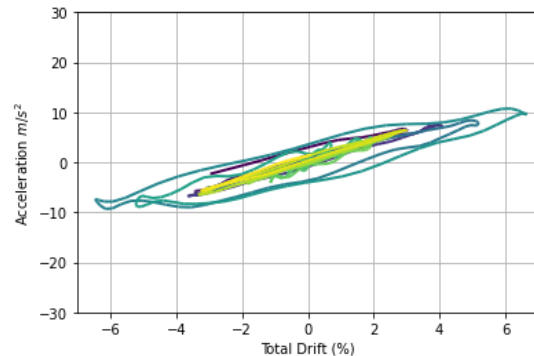
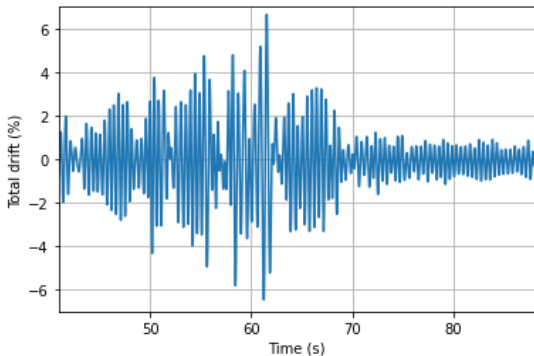
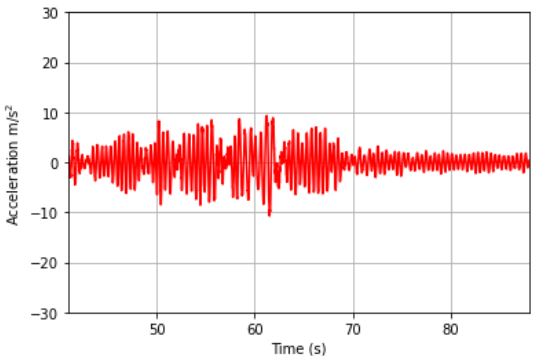
2019 RC Frame (160%) (22)  
Damage Classification = 1  
3 Storey RC Frame  
Period Change = -5%  
Peak Displacement = 27cm @ 112.7s



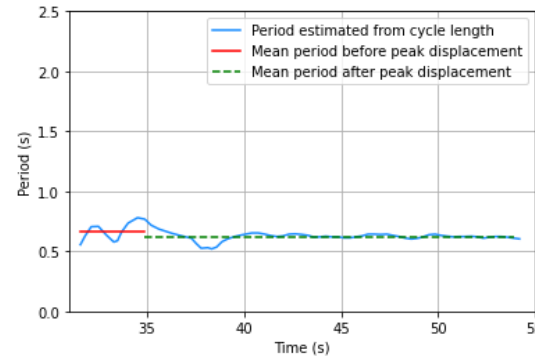
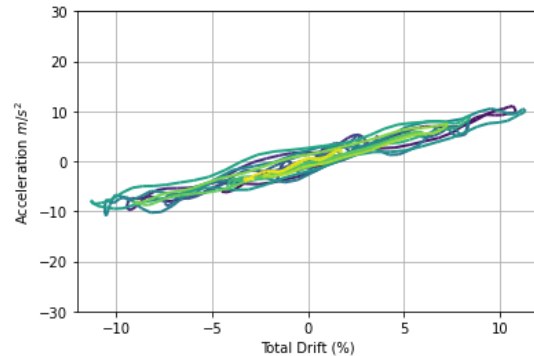
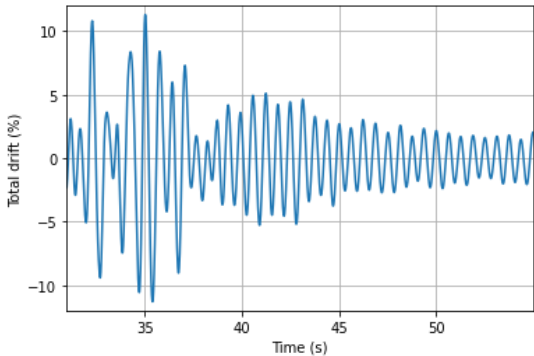
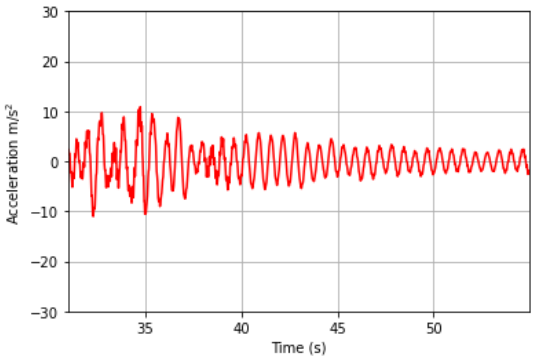
3 Storey Steel Frame REHS 120% (23)  
Damage Classification = 1  
3 Storey Steel cantilevered frame  
Period Change = 3%  
Peak Displacement = 7cm @ 35.9s

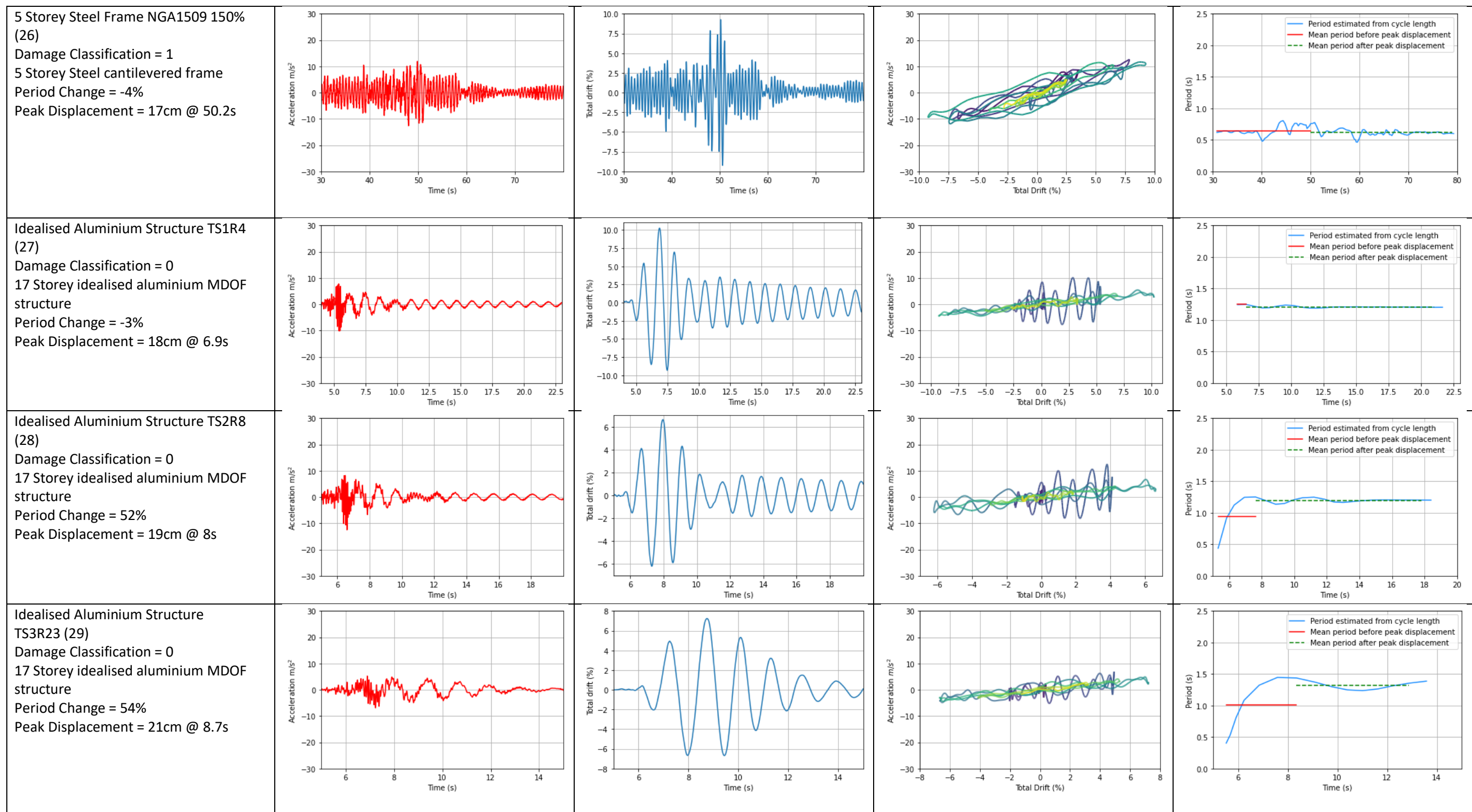


3 Storey Steel Frame (NGA1509 150% (24)  
Damage Classification = 1  
3 Storey Steel cantilevered frame  
Period Change = -8%  
Peak Displacement = 7cm @ 61.6s

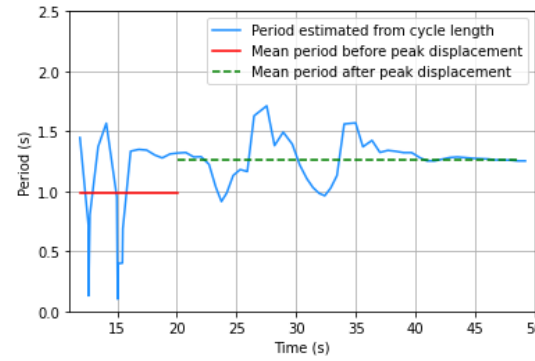
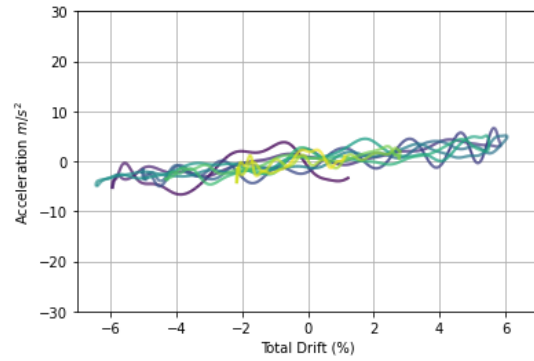
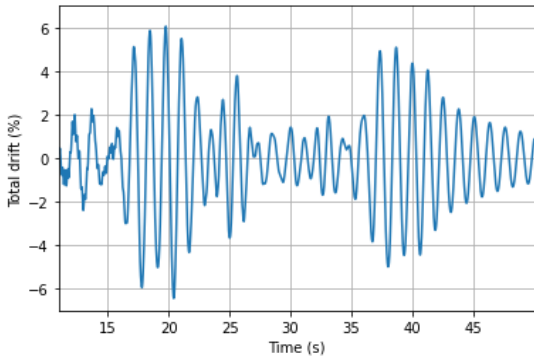
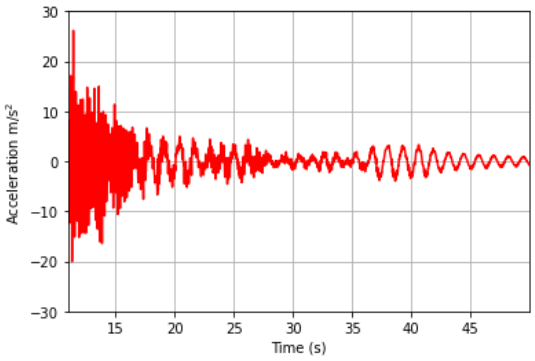


5 Storey Steel Frame REHS 120% (25)  
Damage Classification = 1  
5 Storey Steel cantilevered frame  
Period Change = 2%  
Peak Displacement = 12cm @ 35s.

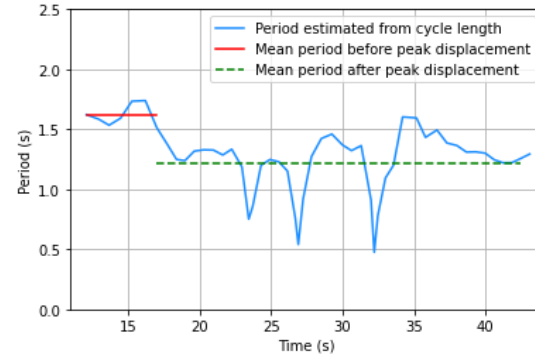
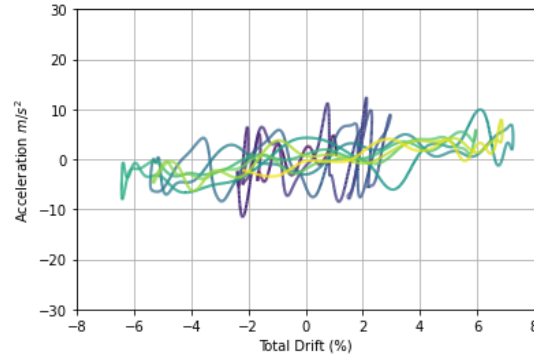
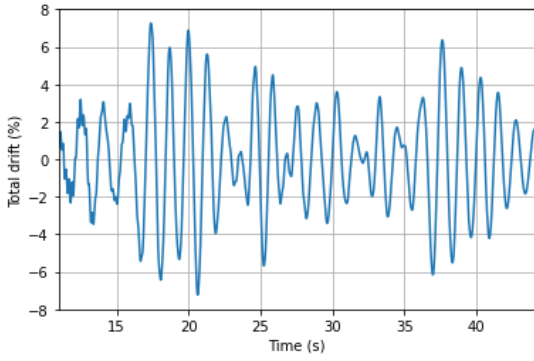
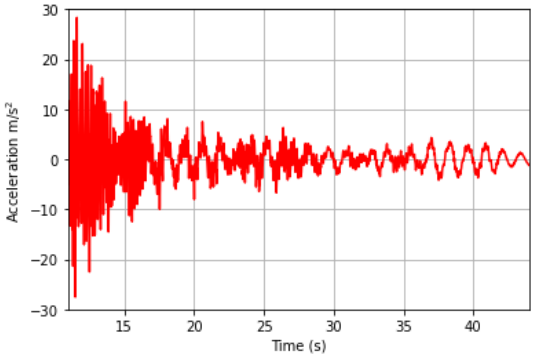




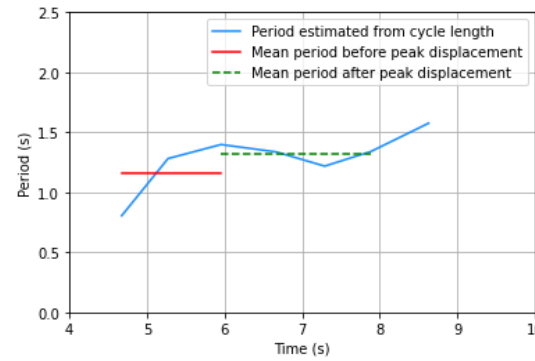
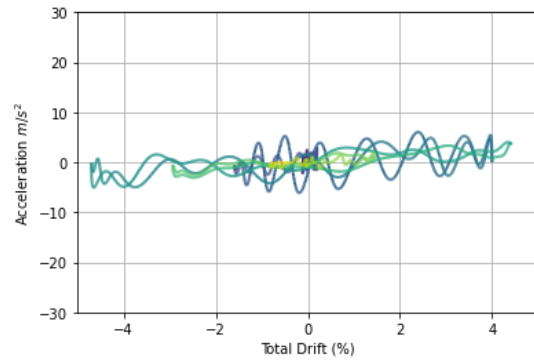
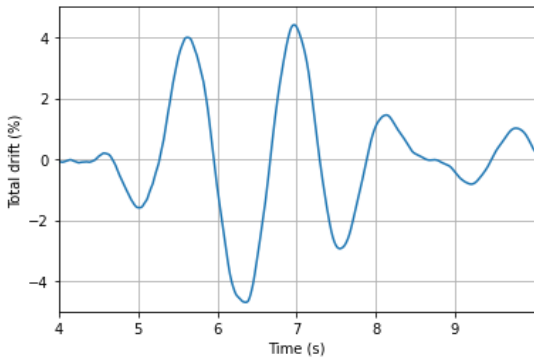
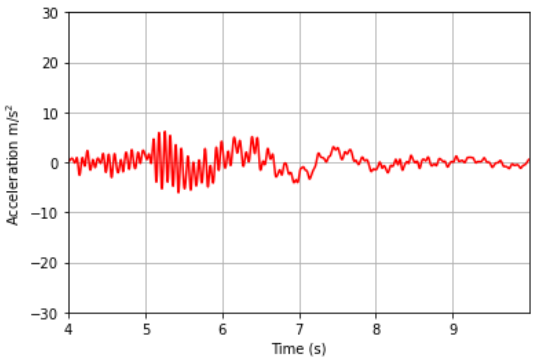
Idealised Aluminium Structure  
TS4R13 (30)  
Damage Classification = 0  
17 Storey idealised aluminium MDOF  
structure  
Period Change = 18%  
Peak Displacement = 19cm @ 20.4s



Idealised Aluminium Structure  
TS5R13 (31)  
Damage Classification = 0  
17 Storey idealised aluminium MDOF  
structure  
Period Change = -13%  
Peak Displacement = 21cm @ 17.4s



Idealised Aluminium Structure  
TS6R22 (32)  
Damage Classification = 0  
17 Storey idealised aluminium MDOF  
structure  
Period Change = 20%  
Peak Displacement = 14cm to 6.4s



Idealised Aluminium Structure  
TS7R35 (33)  
Damage Classification = 0  
17 Storey idealised aluminium MDOF  
structure  
Period Change = 0%  
Peak Displacement = 22cm @ 7.1s

