

2011.03.11 東北地方太平洋沖地震

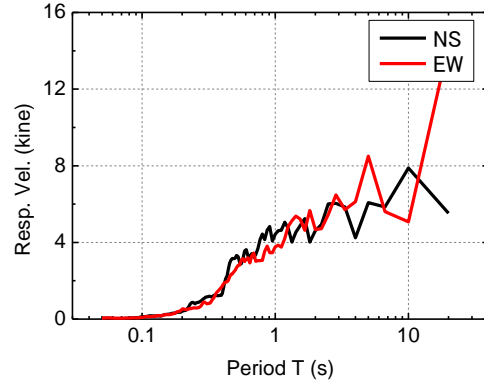
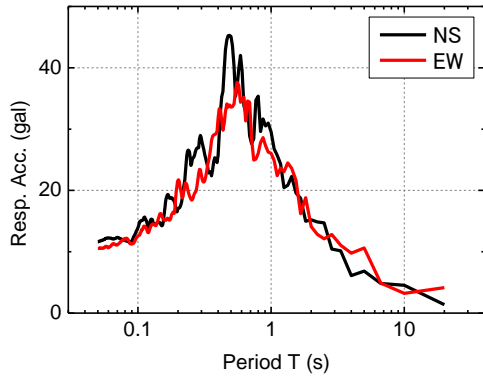
加速度および速度応答スペクトル

(青森, 岩手, 宮城, 福島, 栃木, 茨城, 埼玉, 千葉, 東京, 神奈川)

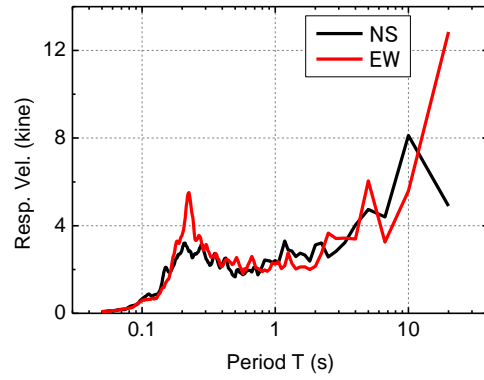
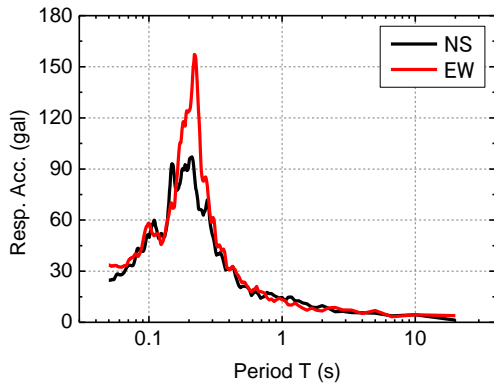
- ・ すべて防災科学技術研究所強震ネットワーク K-NET の波形から算出したものです.
- ・ 原波形(K-NET の加速度時刻歴)へフィルタ処理を施さずに応答スペクトルを算出しています.
- ・ すべて減衰 5%($h=0.05$)で算出しています.
- ・ 各図, 『左: 加速度応答スペクトル』 - 『右: 速度応答スペクトル』です.

中央大学都市環境学科 國生剛治, 加藤達也

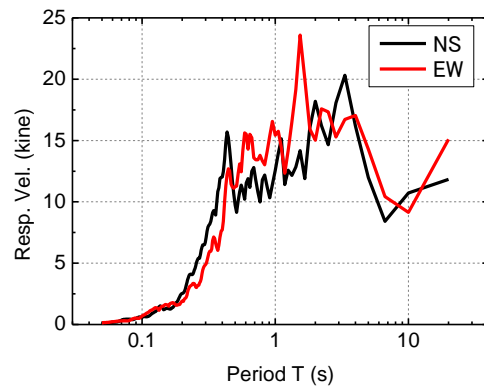
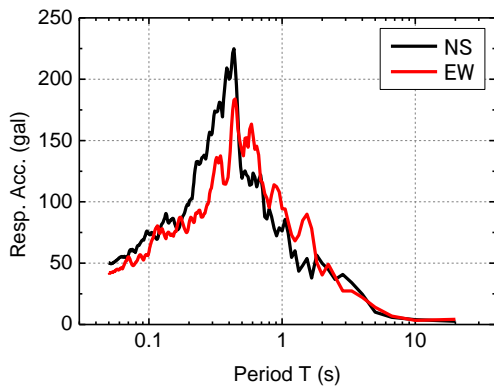
青森



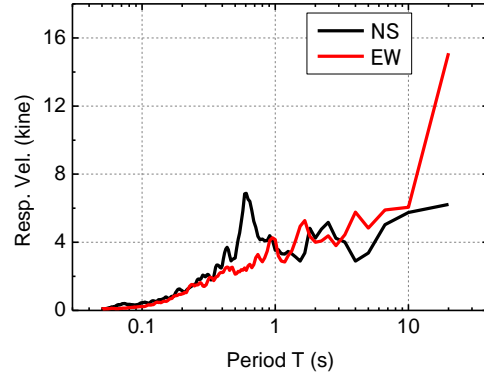
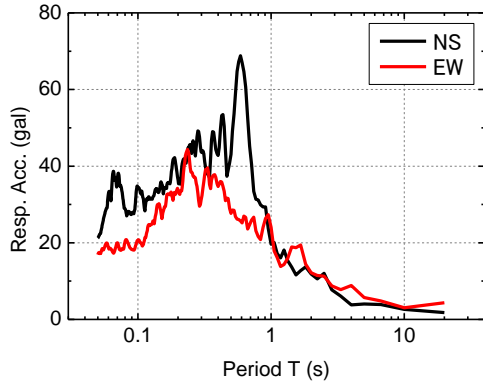
AOM001(大間)



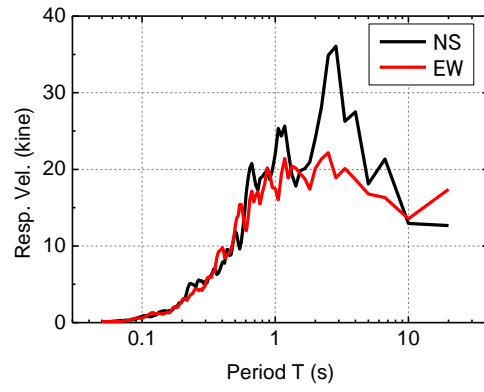
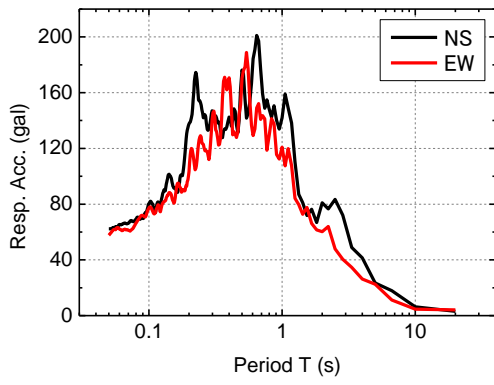
AOM002(福浦)



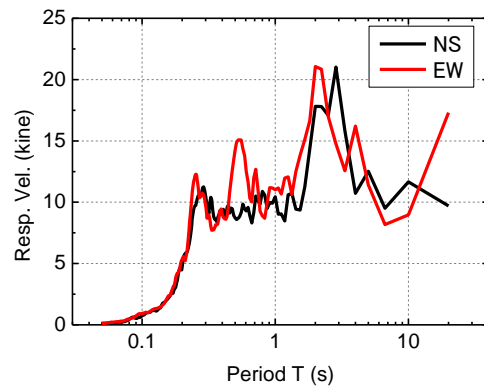
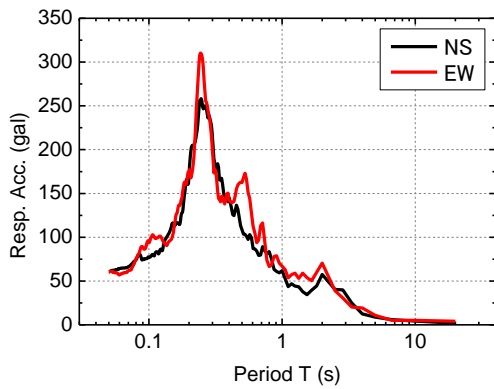
AOM003(大畑)



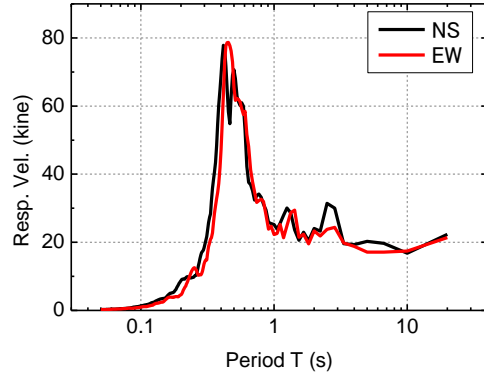
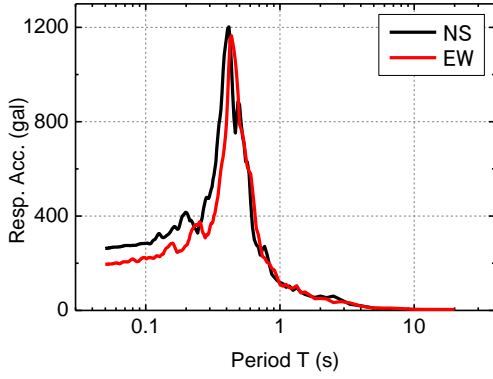
AOM004(屋)



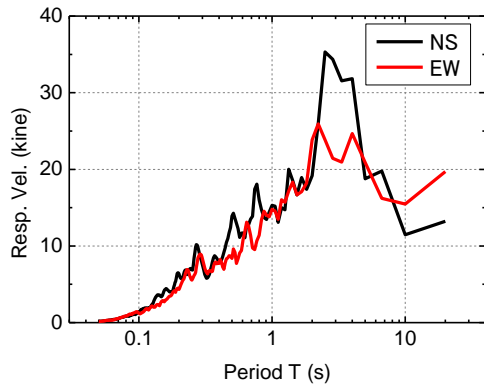
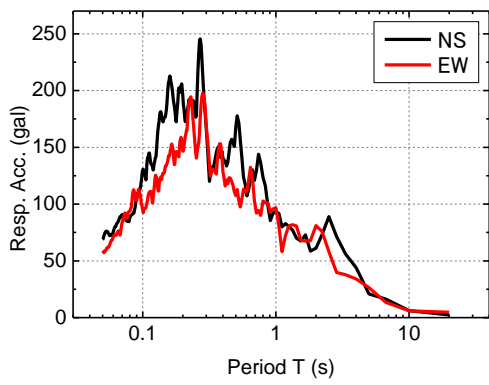
AOM005(むつ)



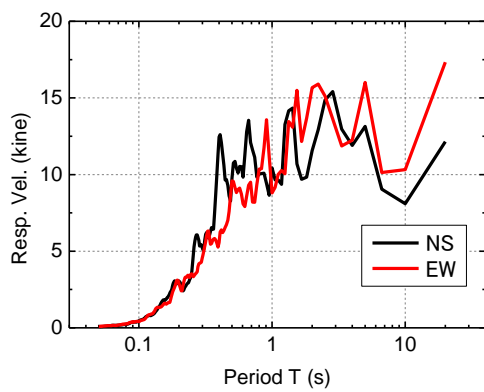
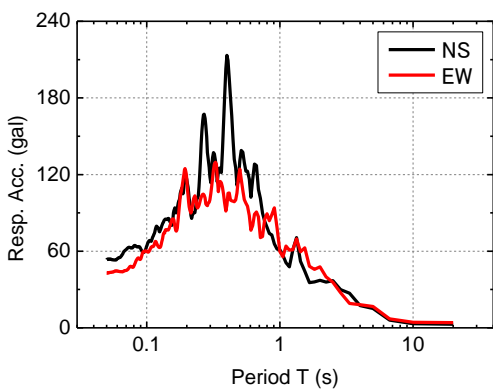
AOM006(川内)



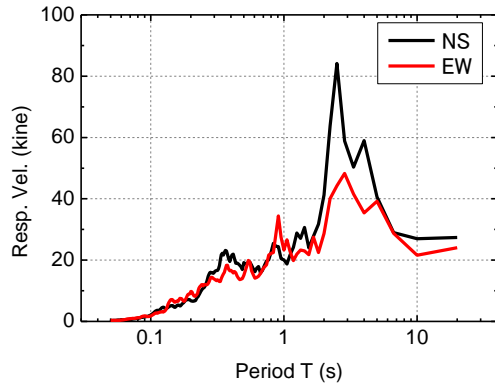
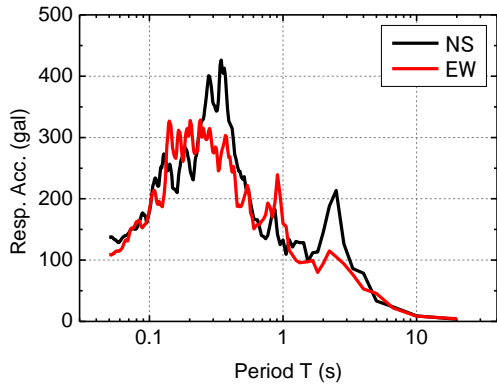
AOM007(南通)



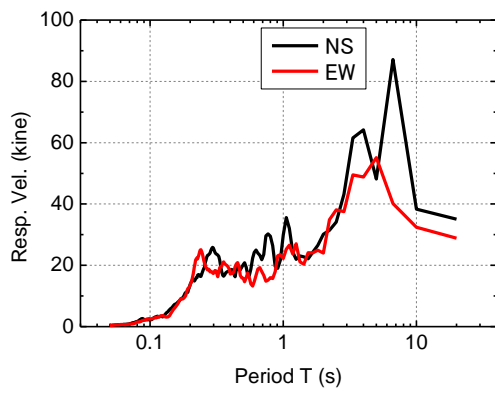
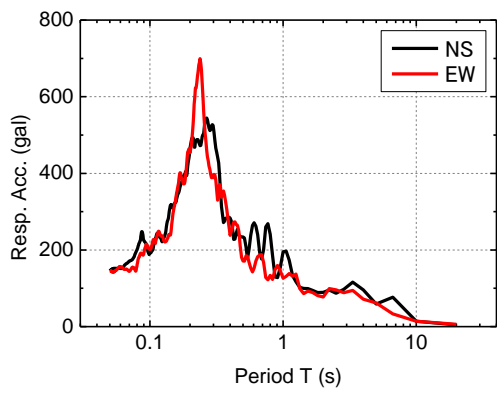
AOM008(横浜)



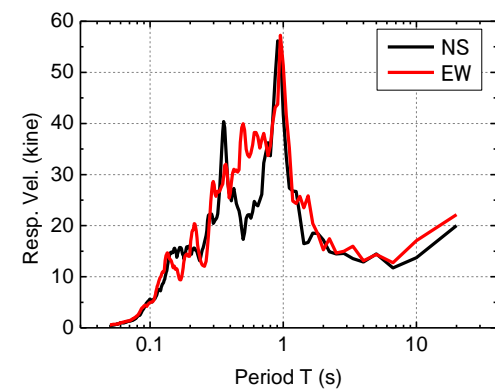
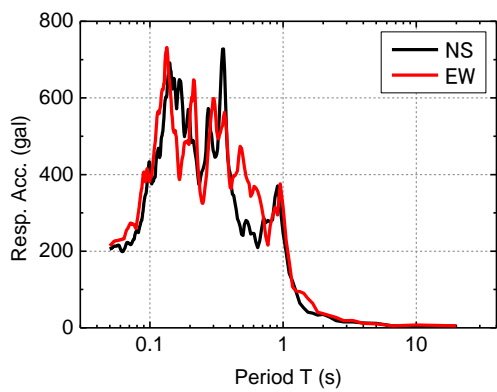
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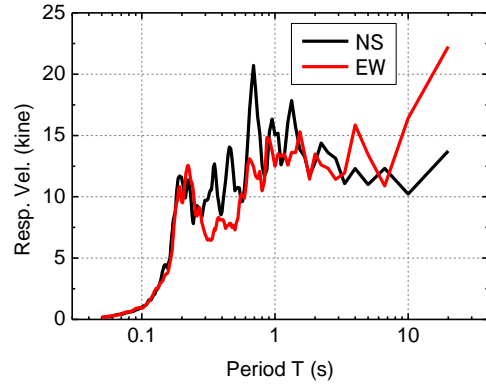
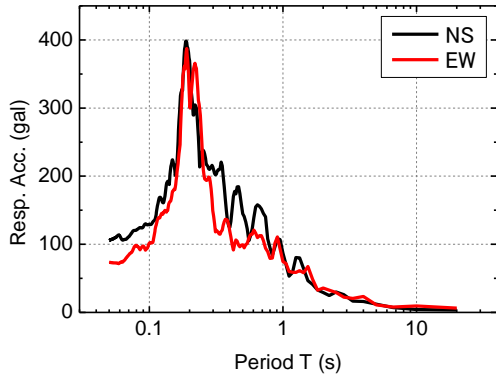
AOM010(野辺地)



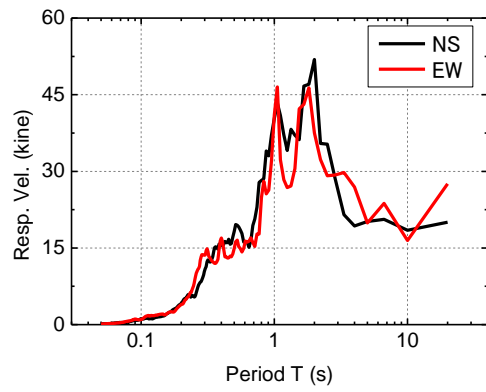
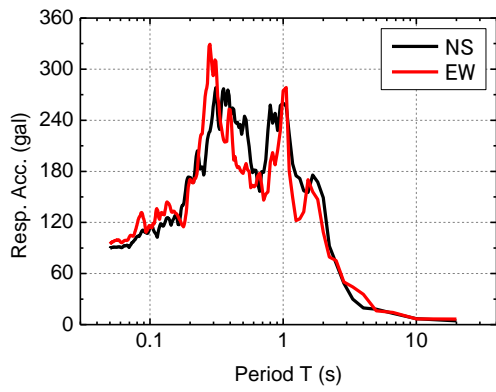
AOM011(三沢)



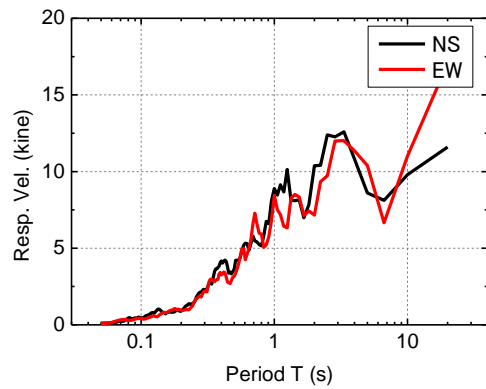
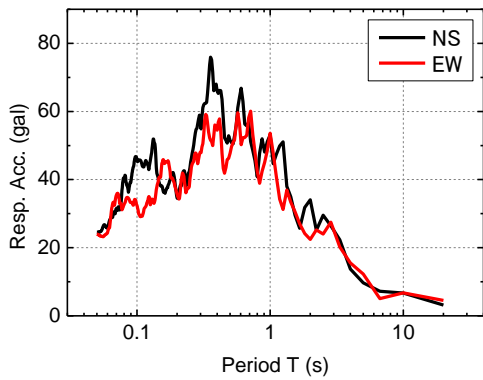
AOM012(八戸)



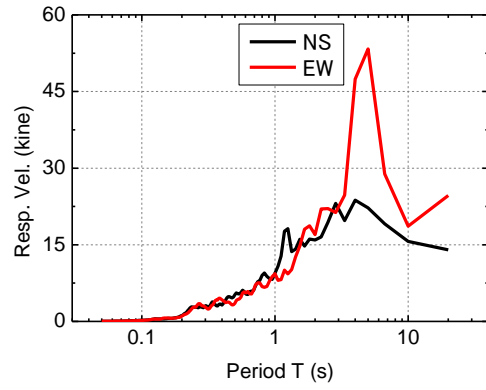
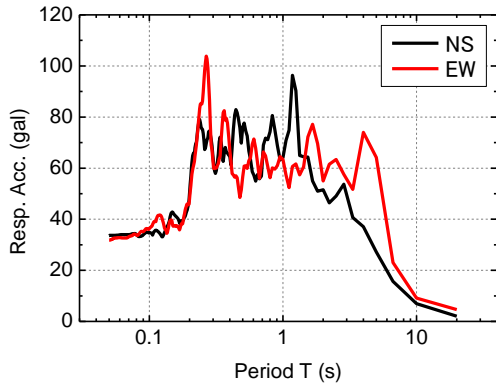
AOM013(南部)



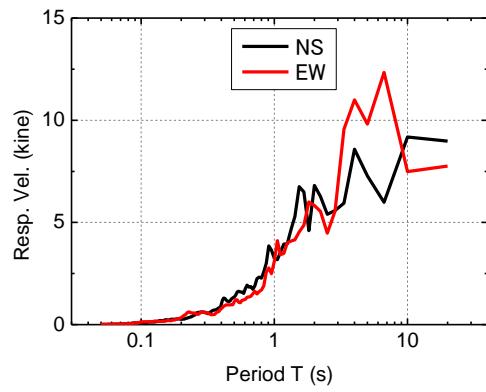
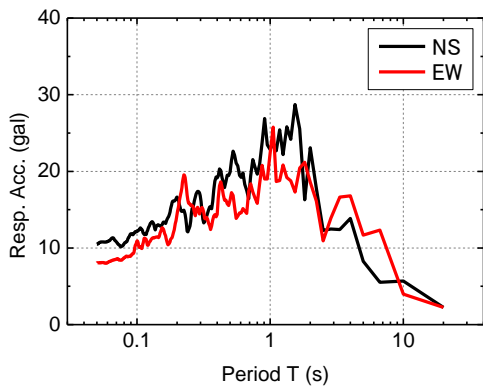
AOM014(子ノ口)



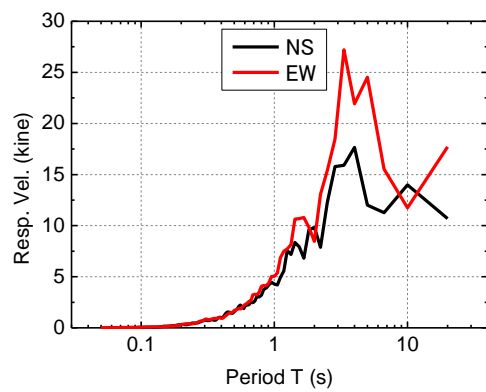
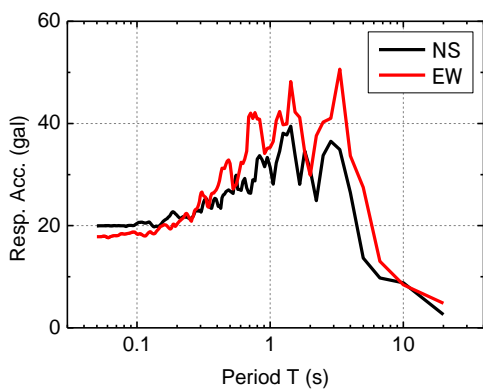
AOM015(碓ヶ関)



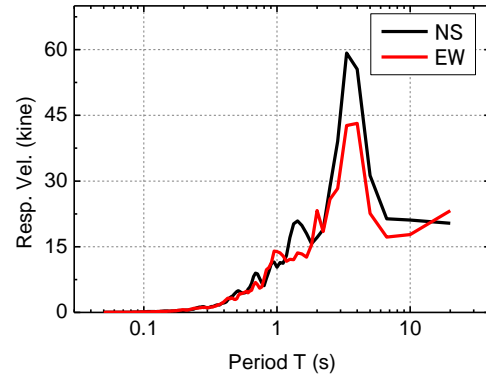
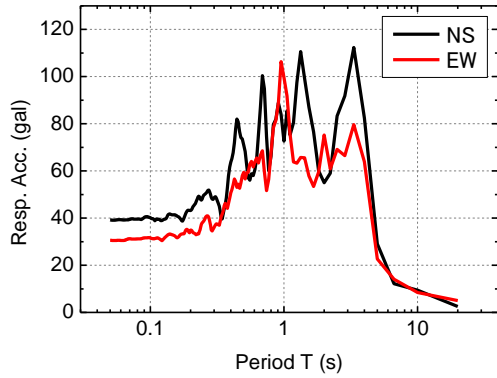
AOM016(弘前)



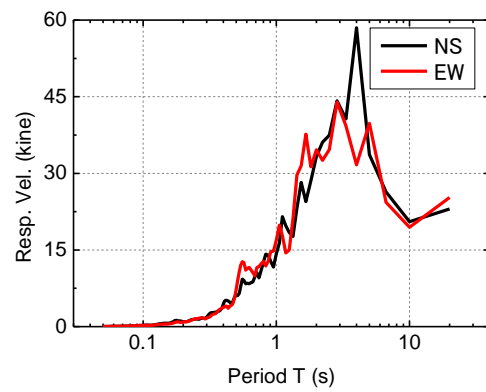
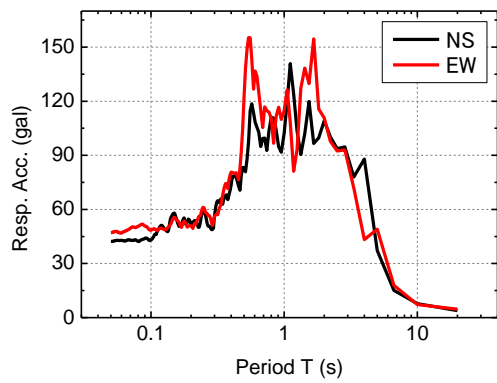
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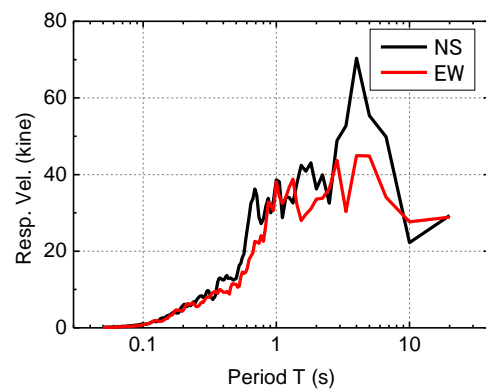
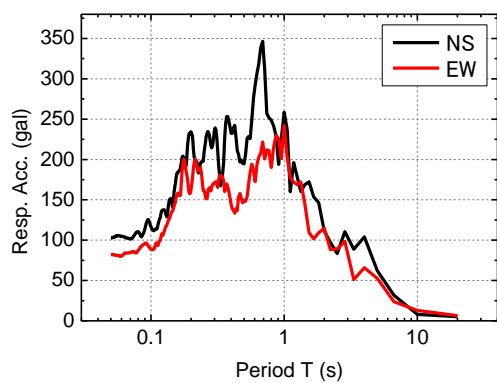
AOM018(鱒ヶ沢)



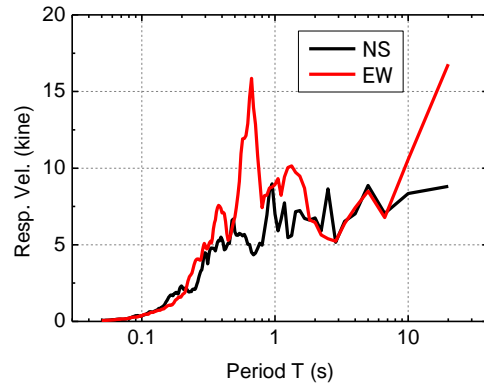
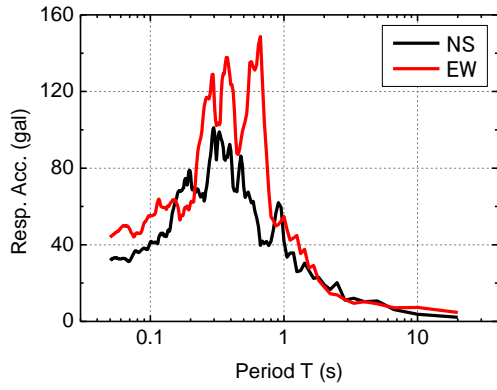
AOM019(五所川原)



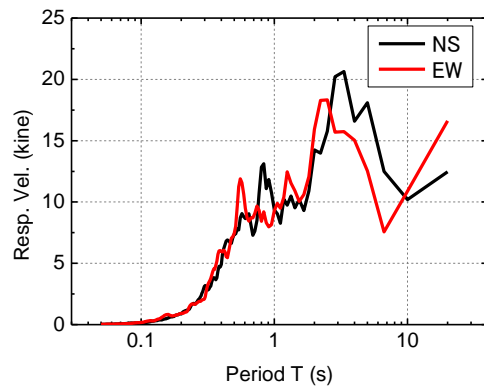
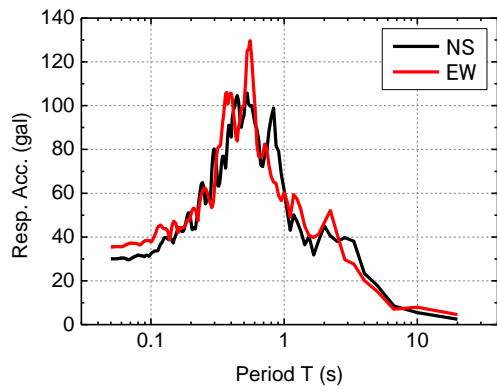
AOM020(青森)



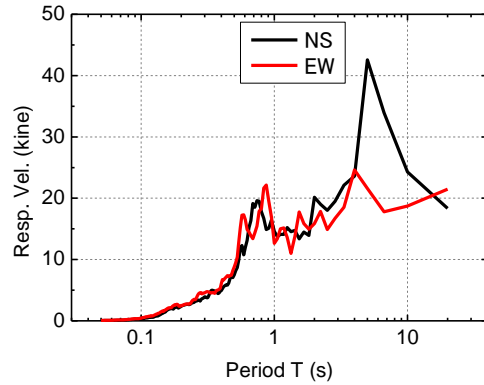
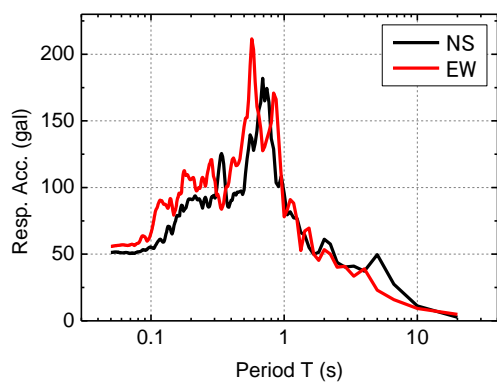
AOM021(十和田)



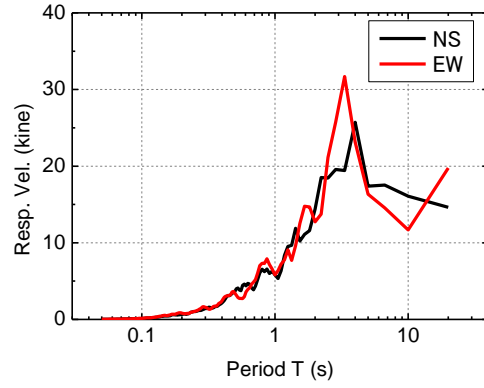
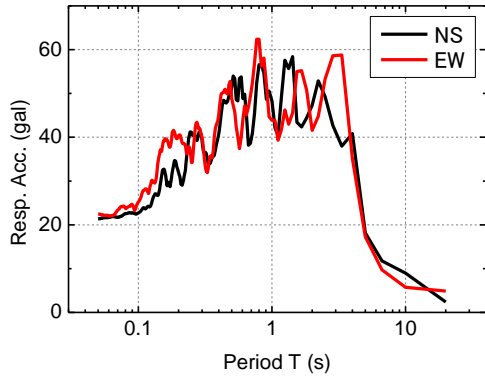
AOM022(東田沢)



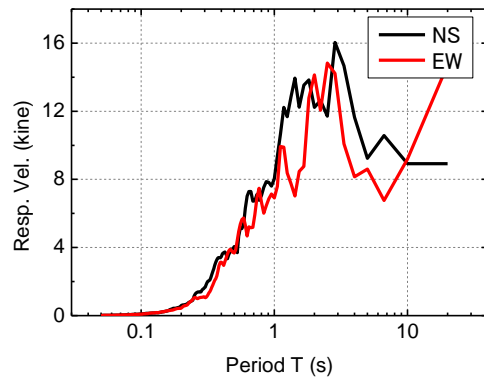
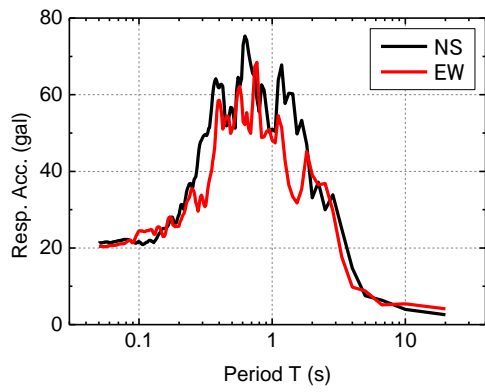
AOM023(中里)



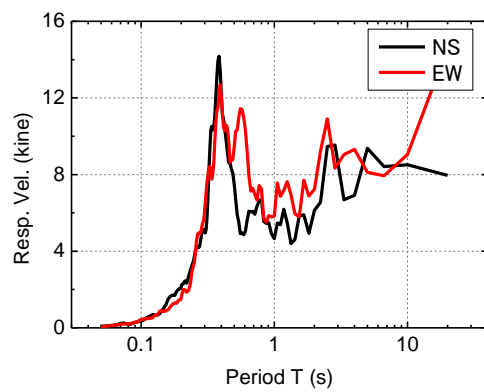
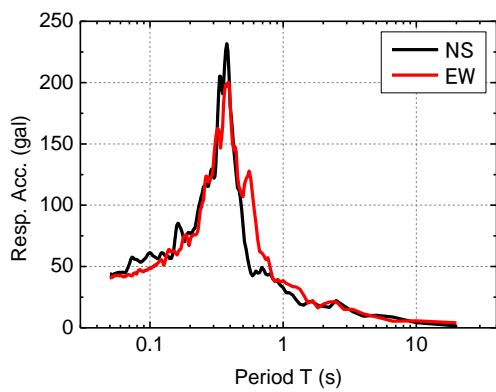
AOM024(蟹田)



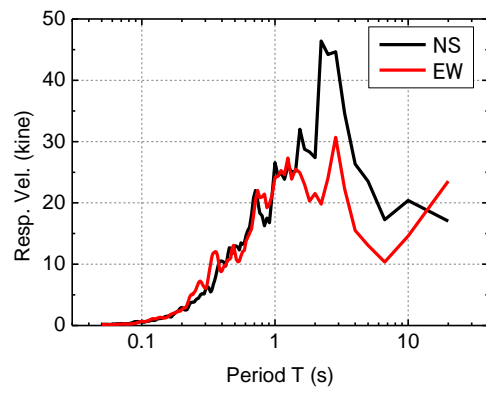
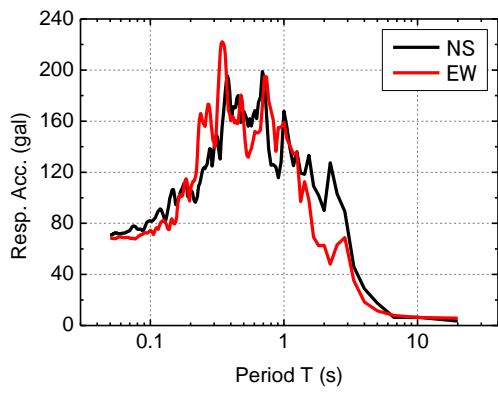
AOM025(今別)



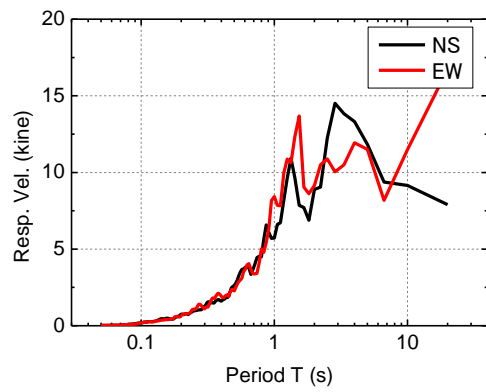
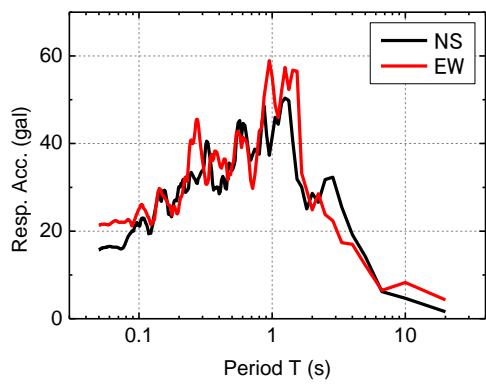
AOM026(小泊)



AOM027(脇野沢)

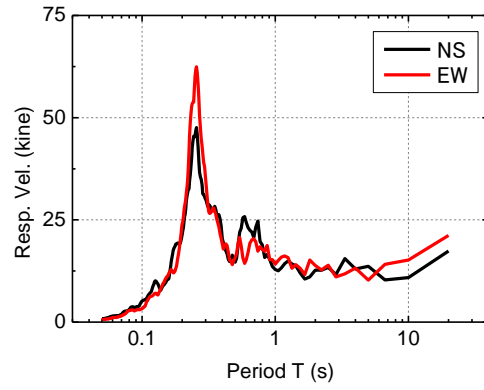
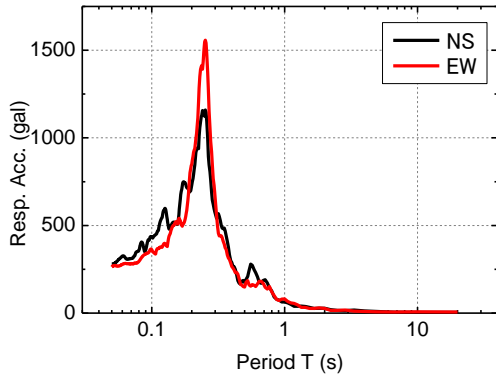


AOM028(八甲田)

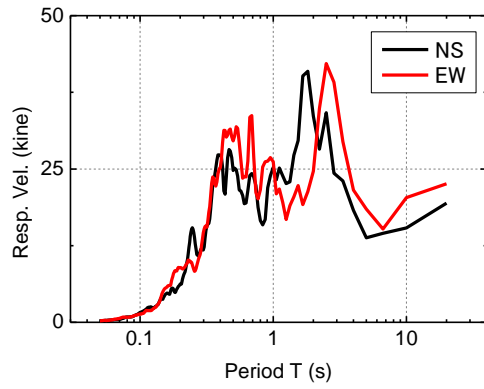
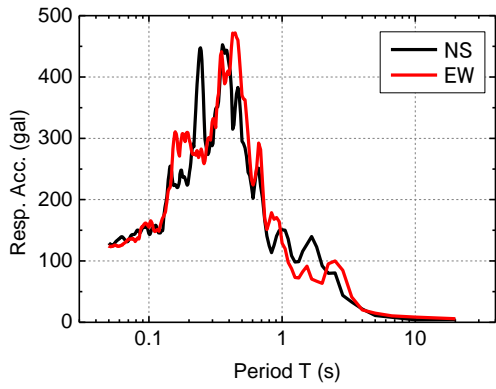


AOM029(西目屋)

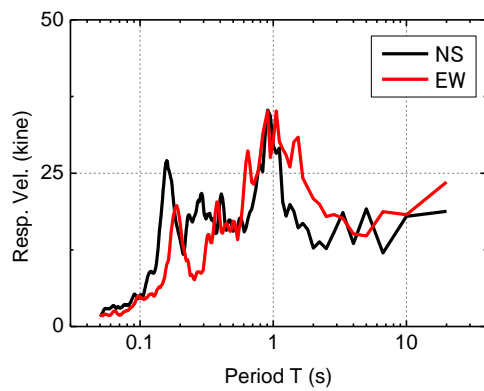
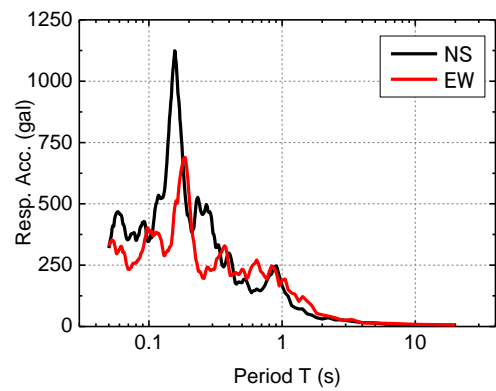
岩手



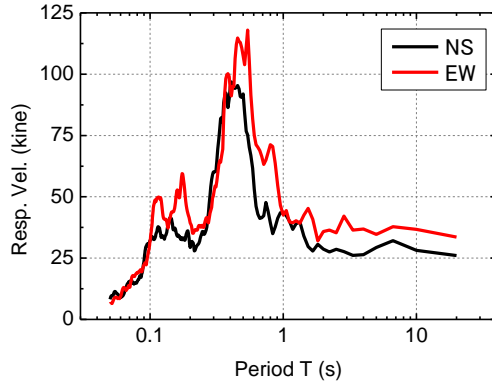
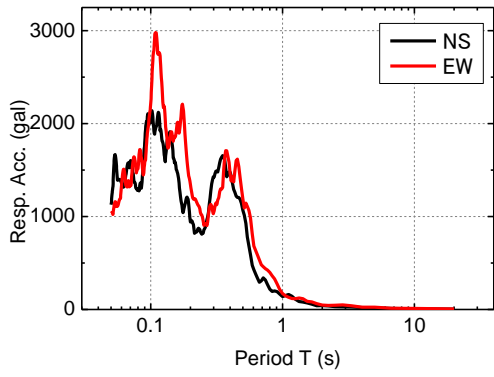
IWT001(種市)



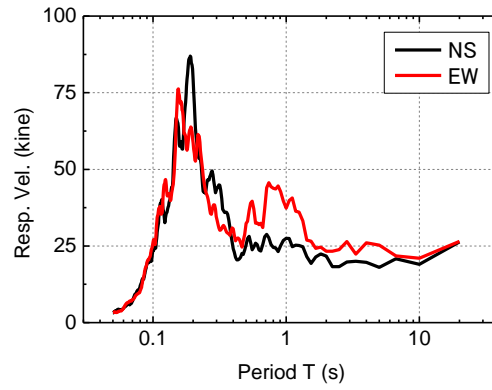
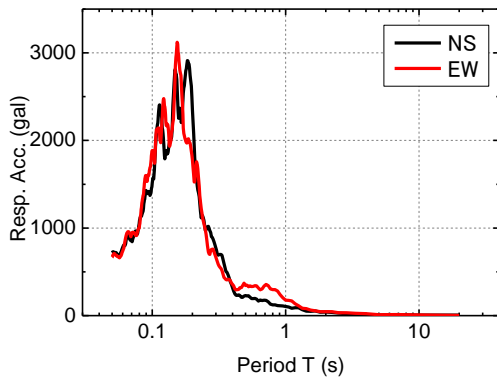
IWT002(久慈)



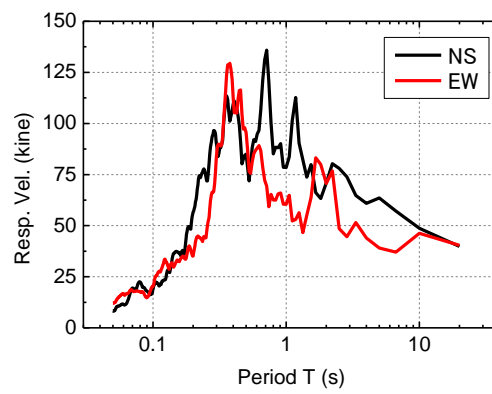
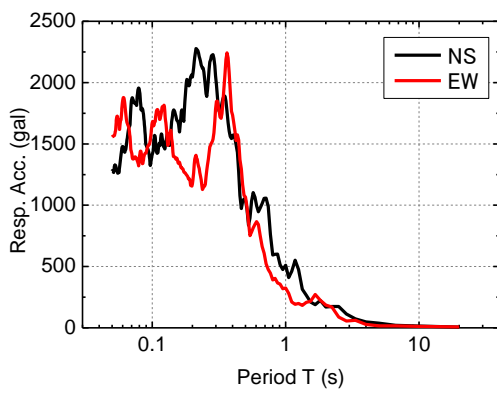
IWT005(宮古)



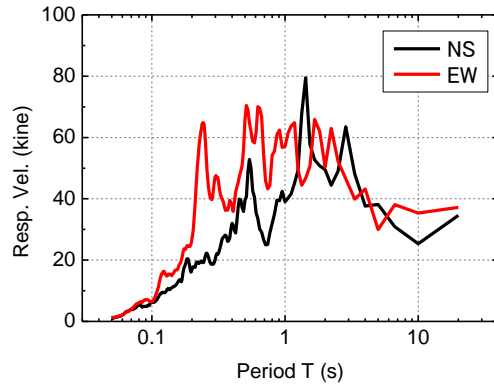
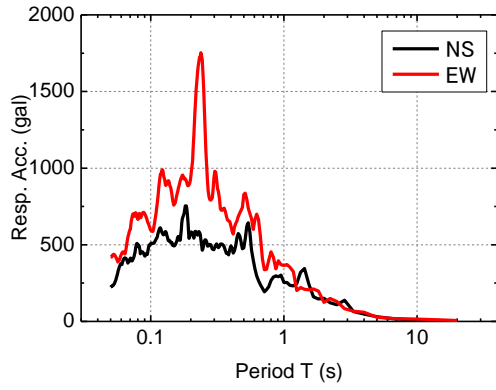
IWT007(釜石)



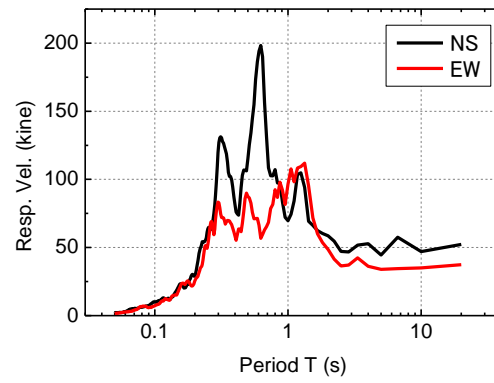
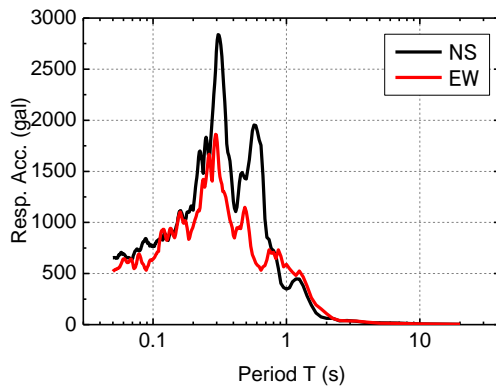
IWT009(大東)



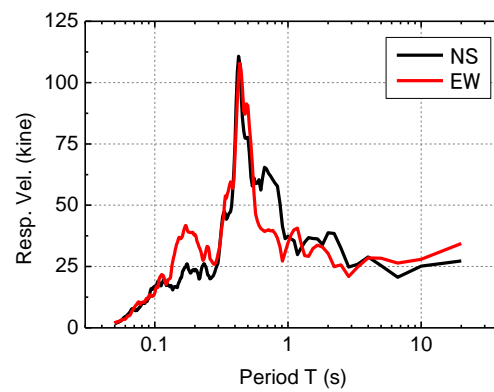
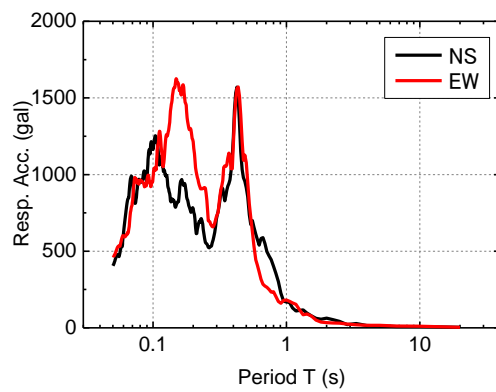
IWT010(一関)



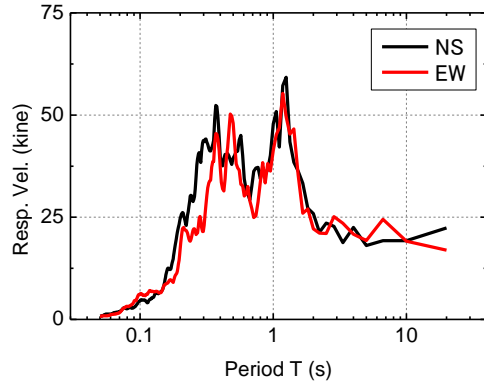
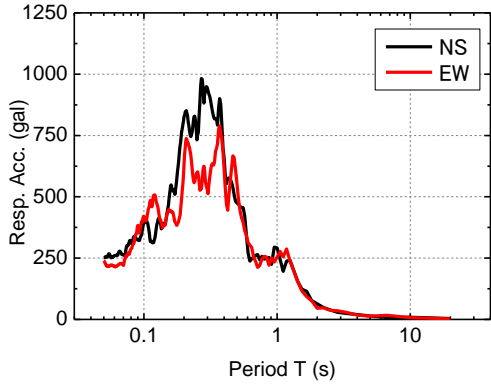
IWT011(水沢)



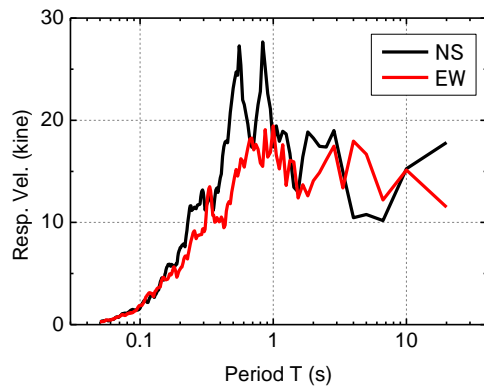
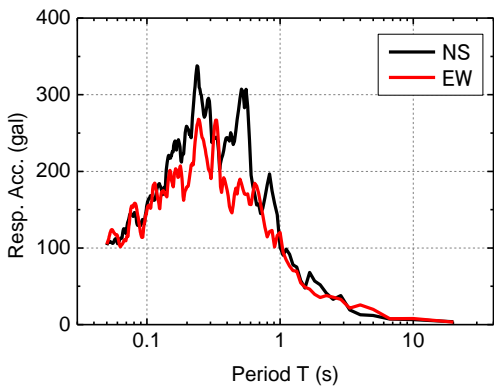
IWT012(北上)



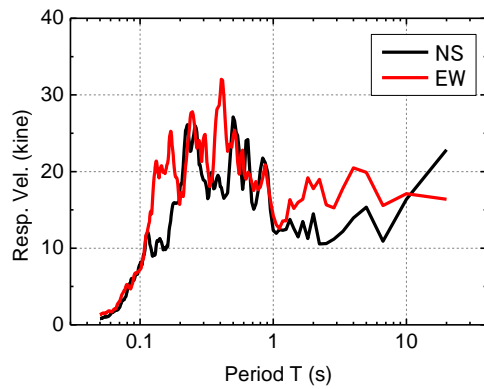
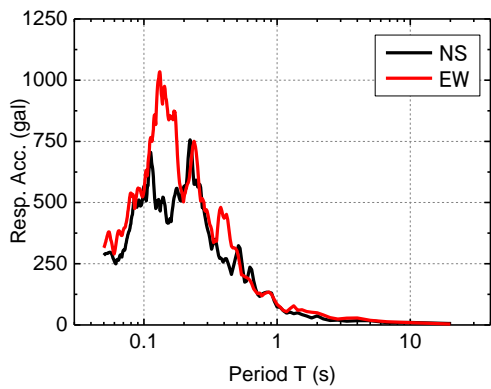
IWT013(遠野)



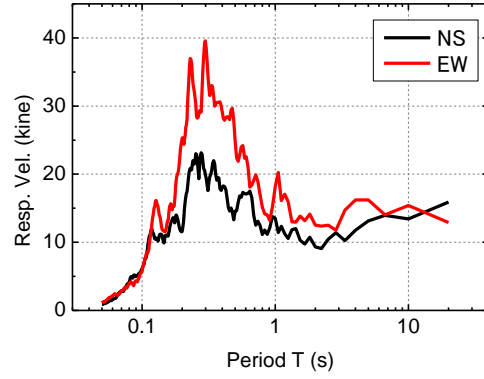
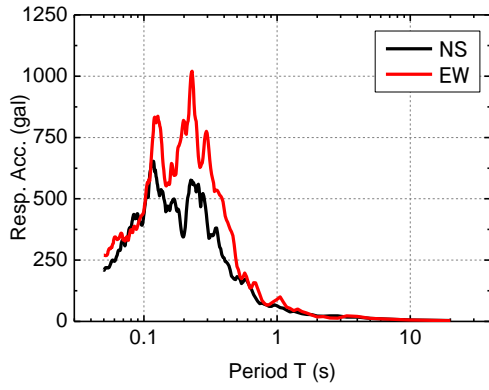
IWT014(石鳥谷)



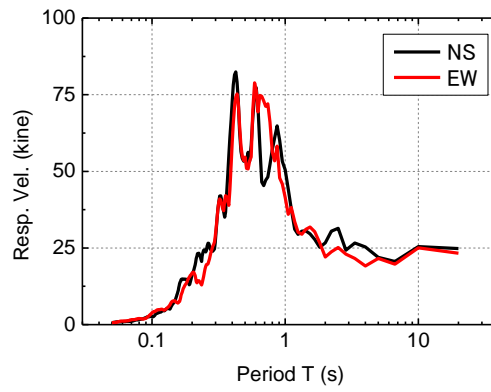
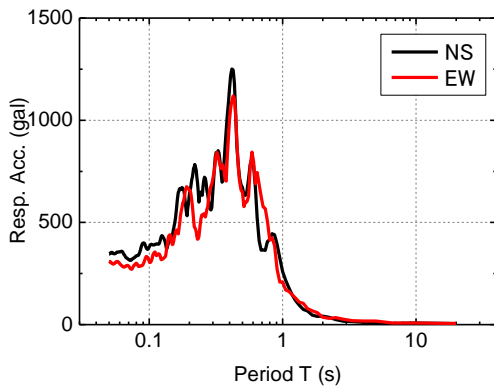
IWT015(川尻)



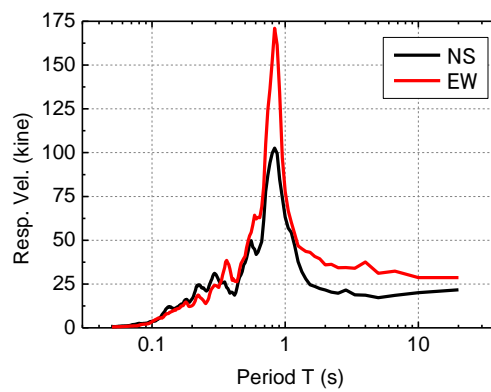
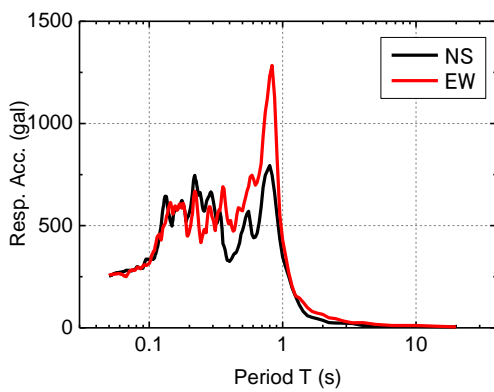
IWT016(川井)



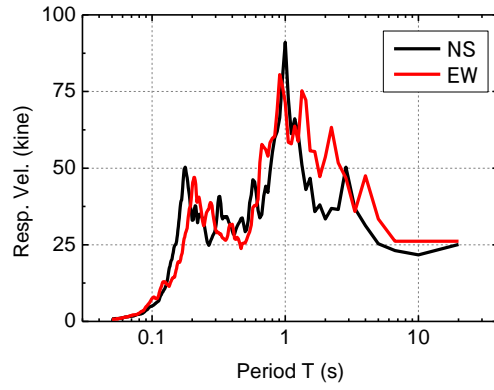
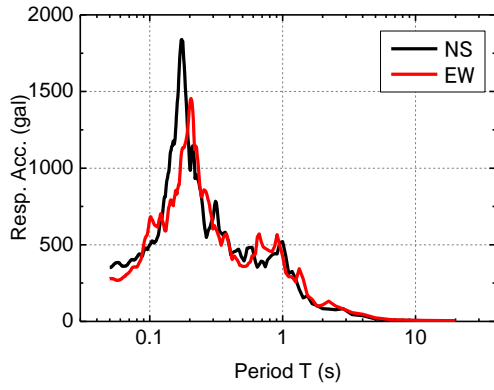
IWT018(盛岡)



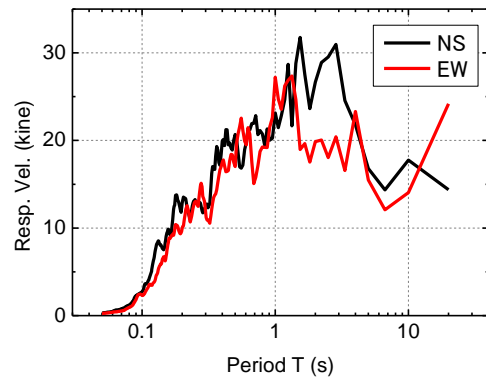
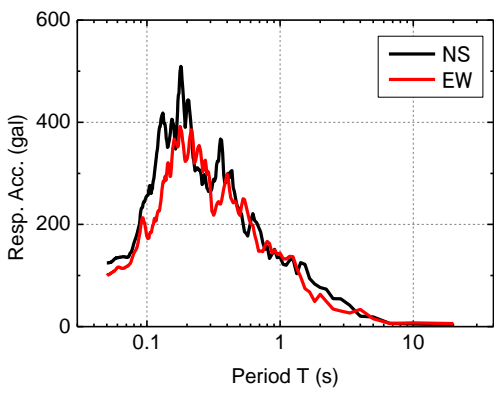
IWT019(岩泉)



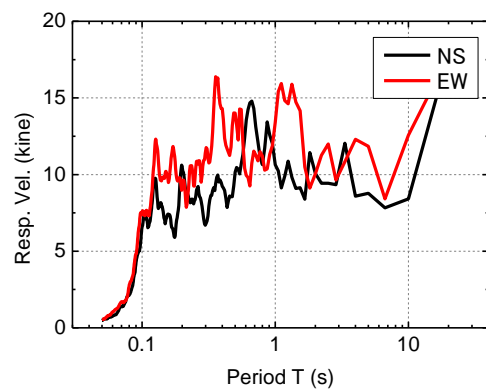
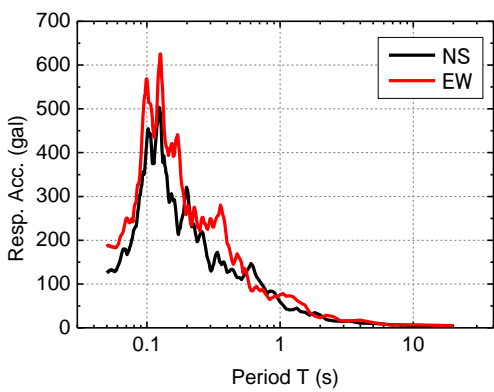
IWT020(藪川)



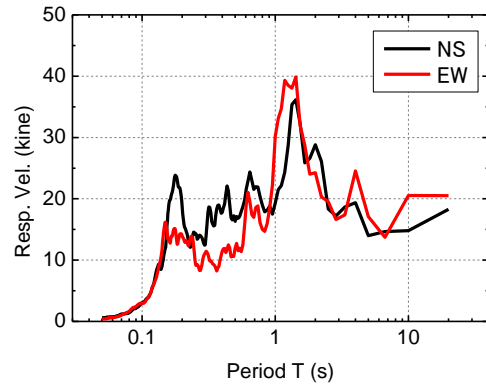
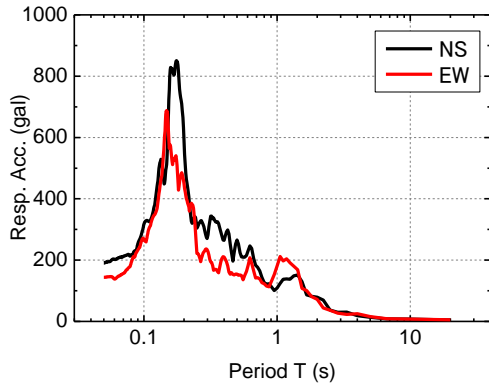
IWT021(西根)



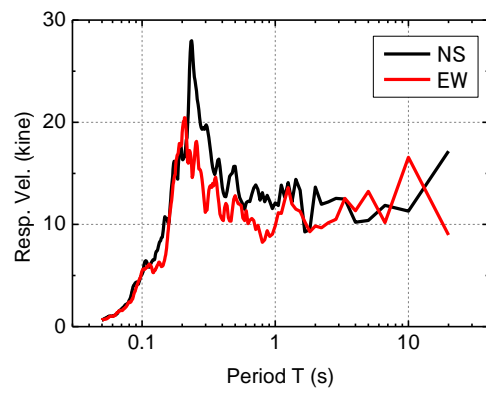
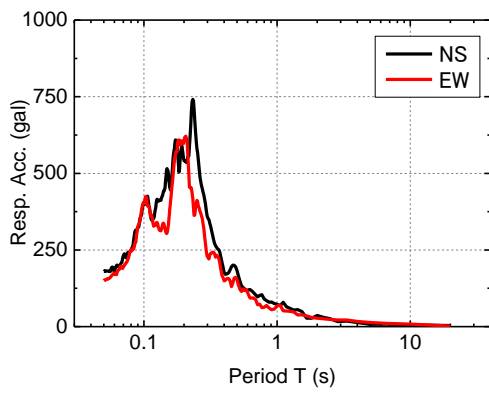
IWT022(安代)



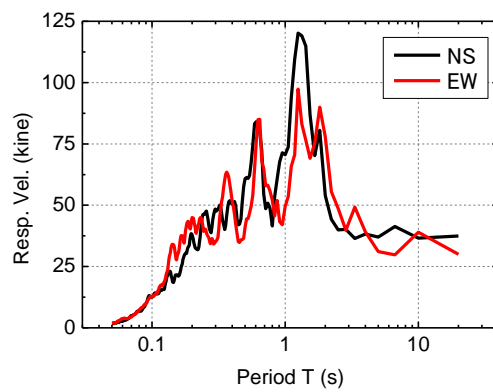
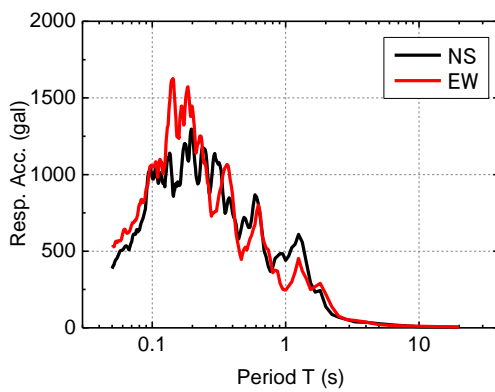
IWT023(葛卷)



IWT024(二戸)

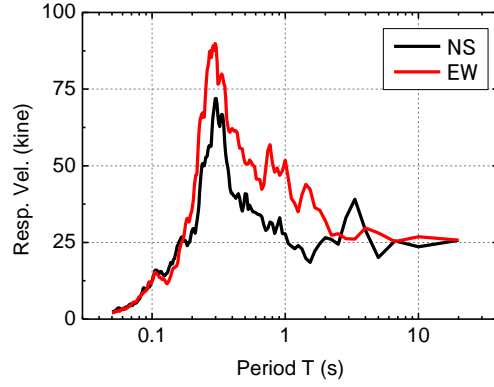
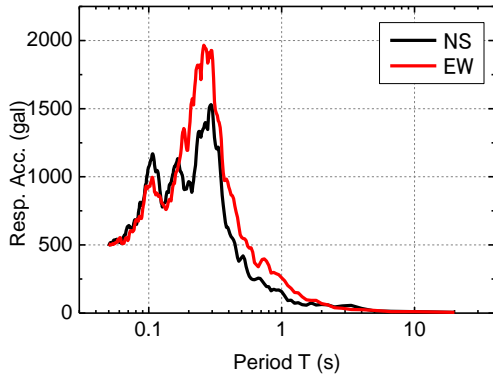


IWT025(大志田)

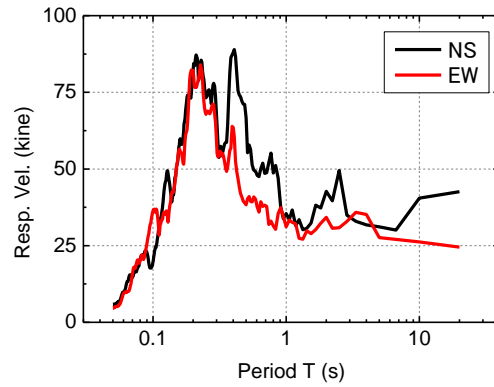
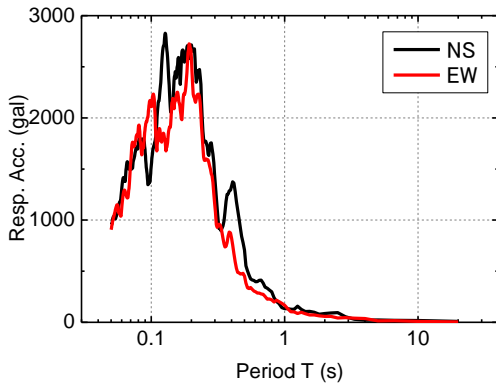


IWT026(相去)

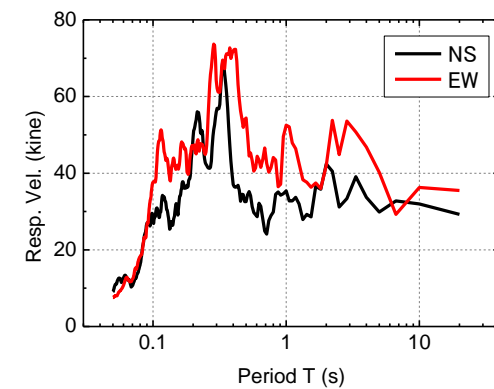
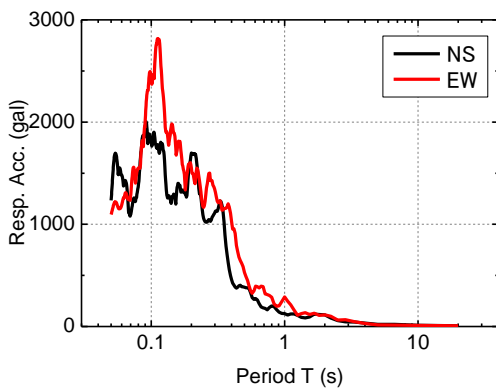
宮城



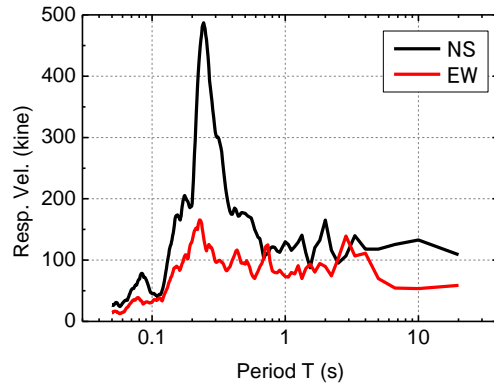
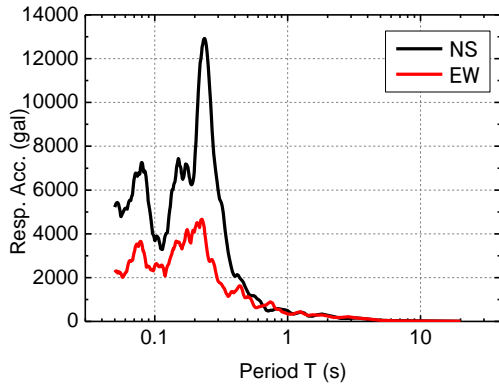
MYG001(気仙沼)



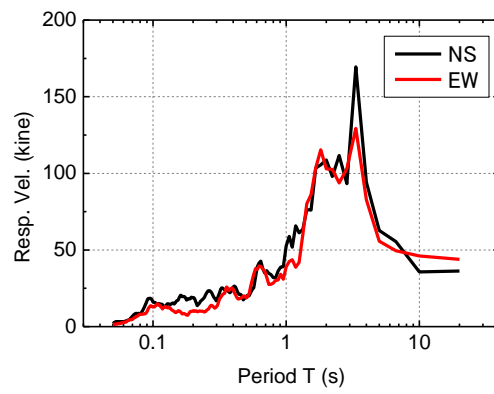
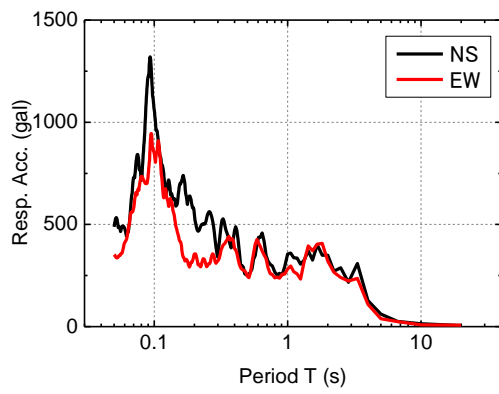
MYG002(歌津)



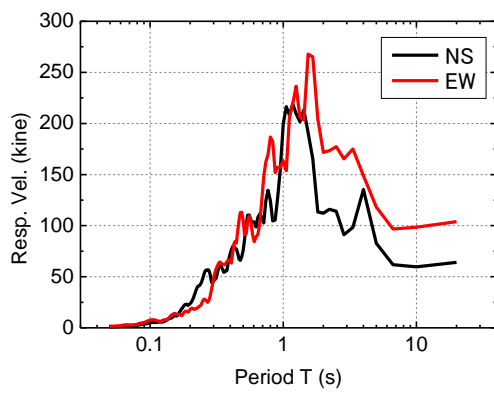
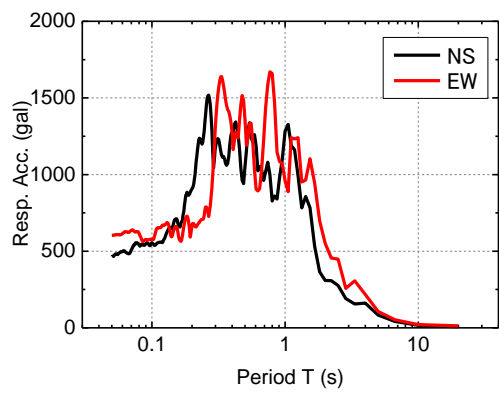
MYG003(東和)



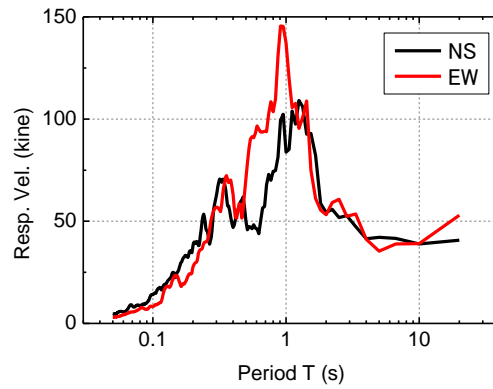
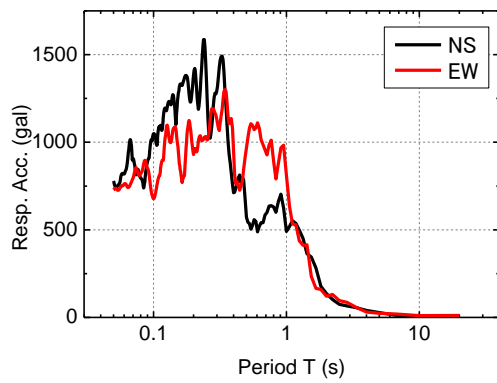
MYG004(築館)



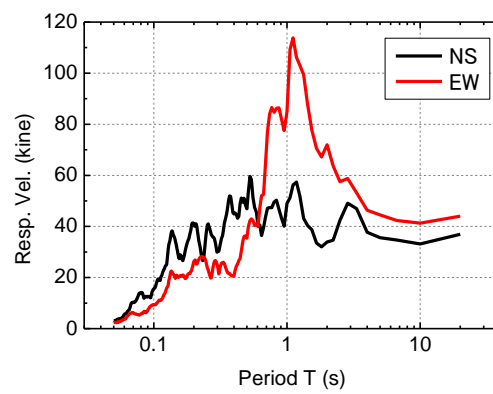
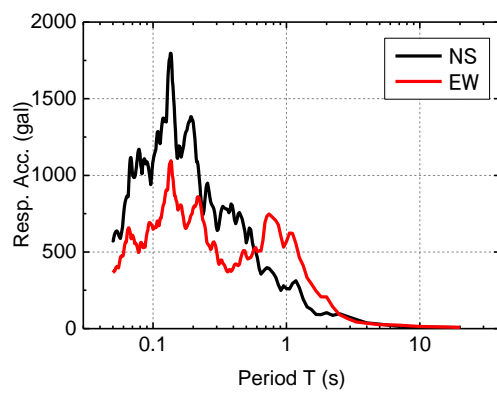
MYG005(鳴子)



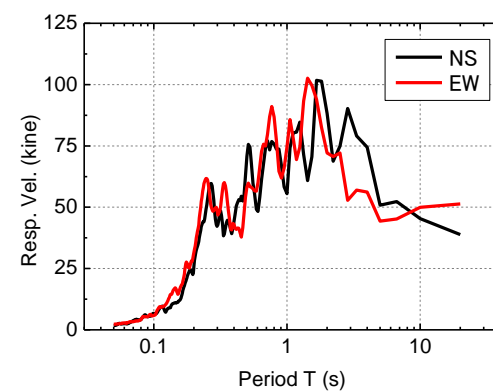
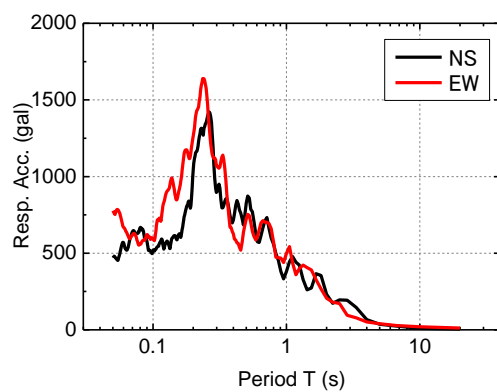
MYG006(古川)



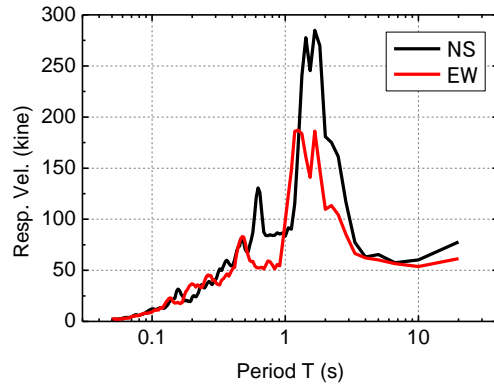
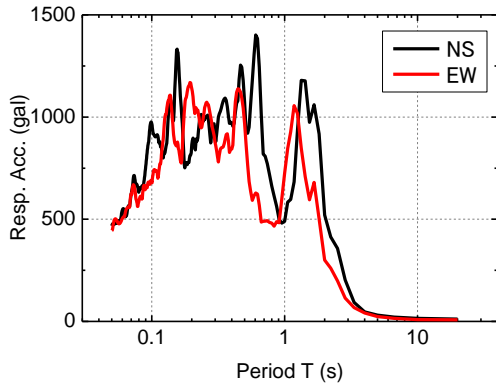
MYG007(豊里)



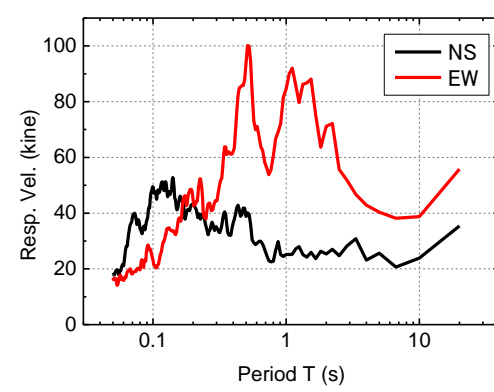
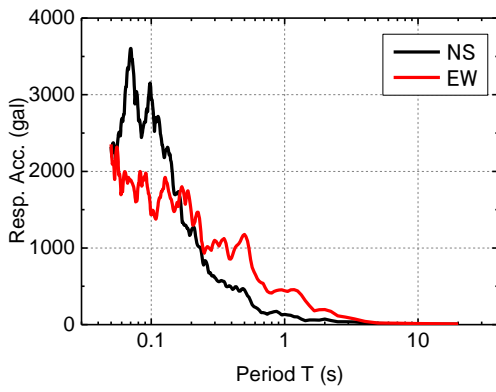
MYG008(北上)



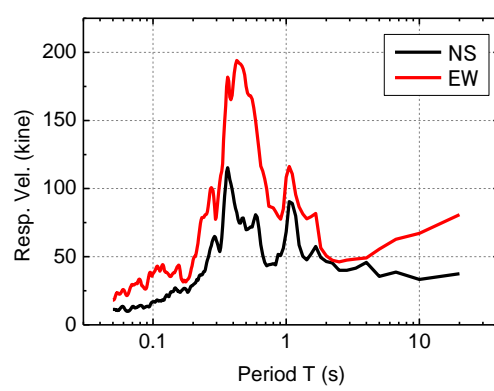
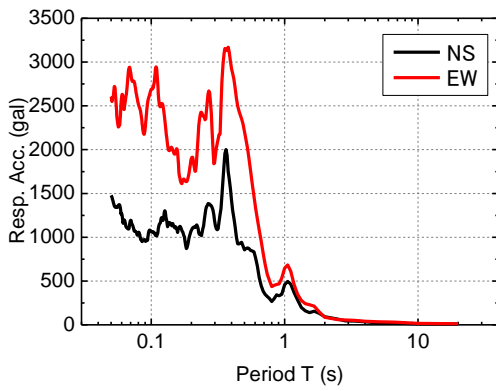
MYG009(大和)



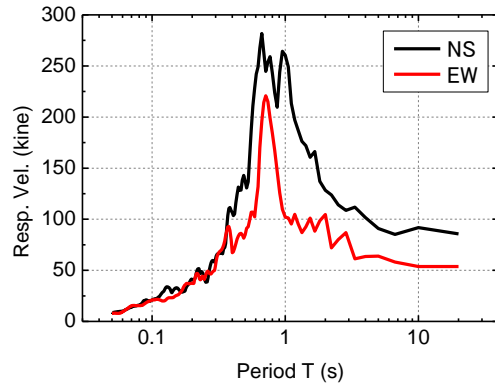
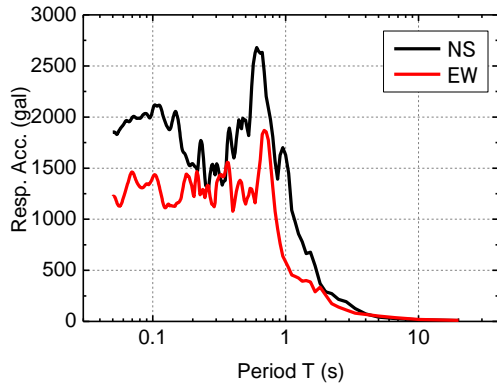
MYG010(石巻)



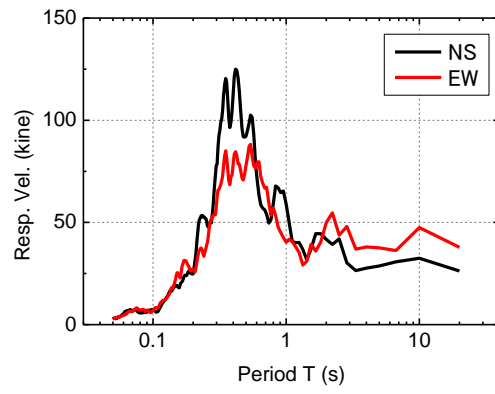
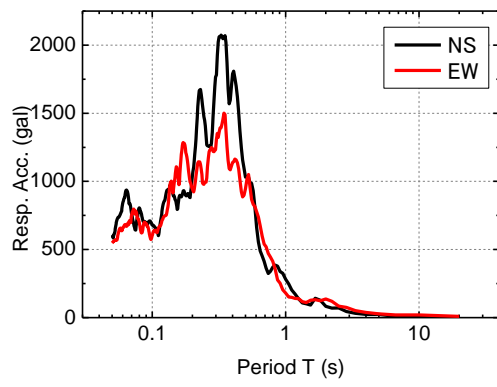
MYG011(牡鹿)



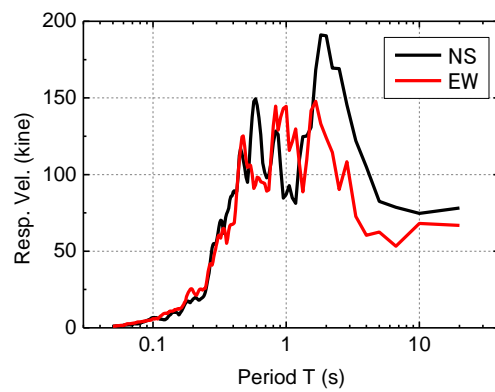
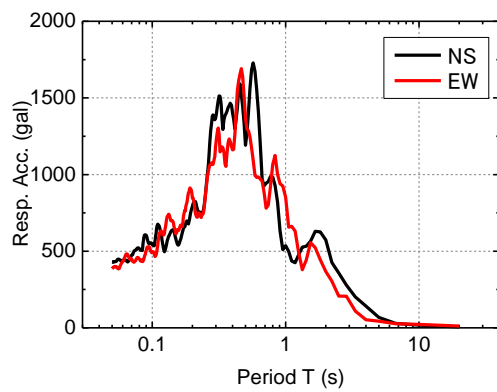
MYG012(塩竈)



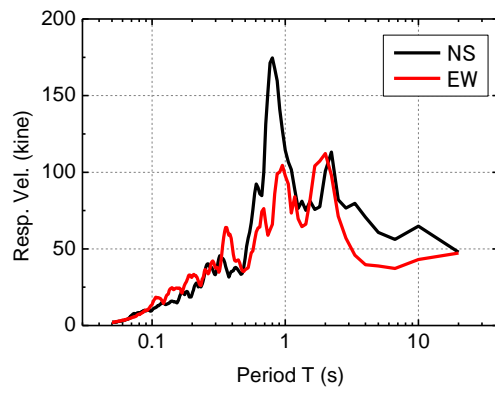
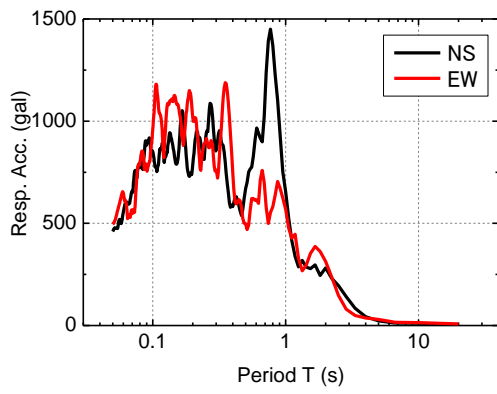
MYG013(仙台)



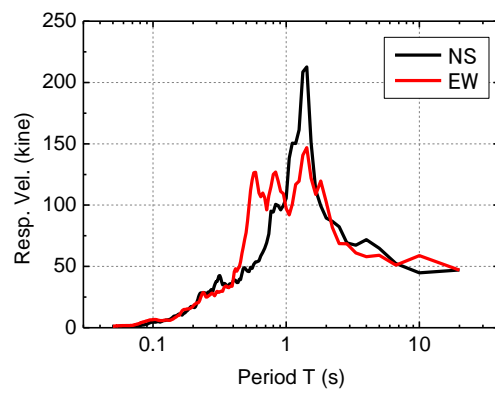
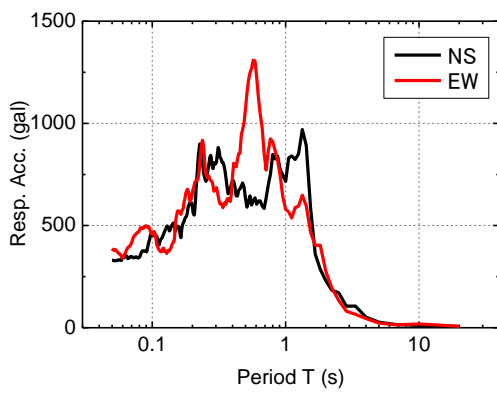
MYG014(作並)



MYG015(岩沼)

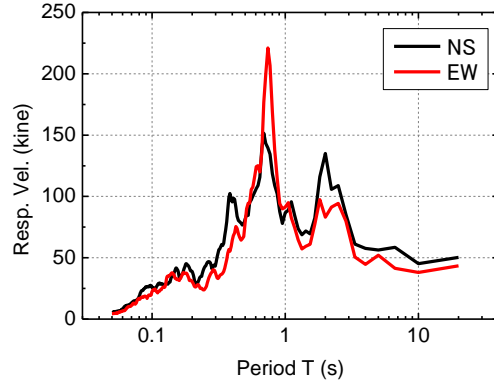
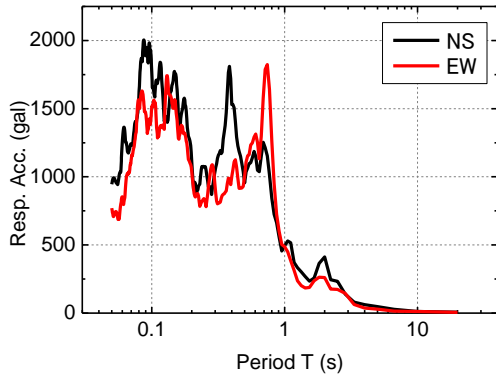


MYG016(白石)

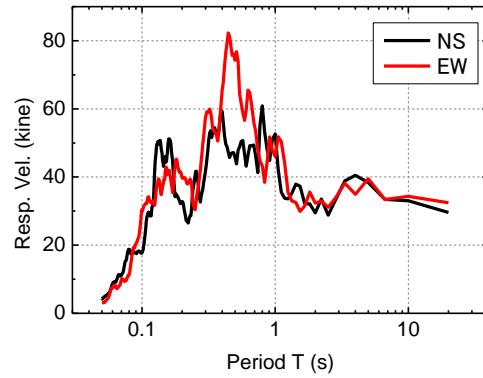
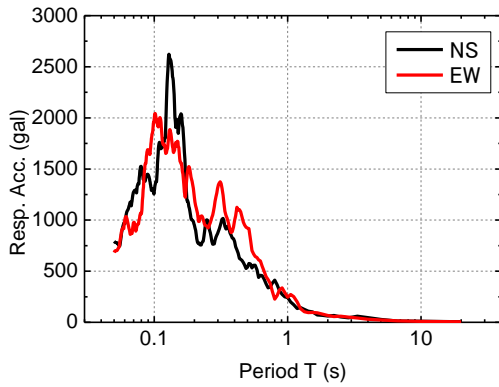


MYG017(角田)

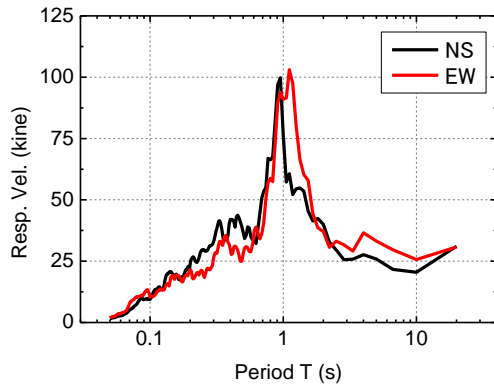
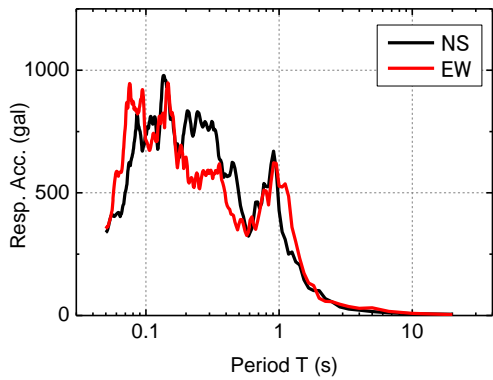
福島



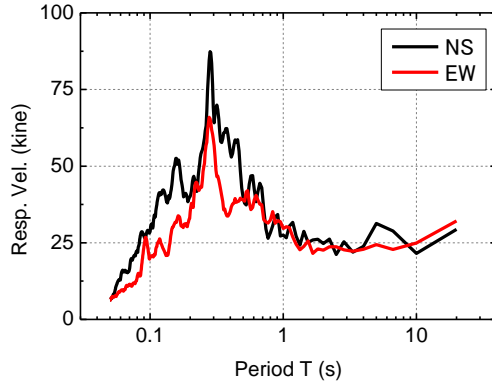
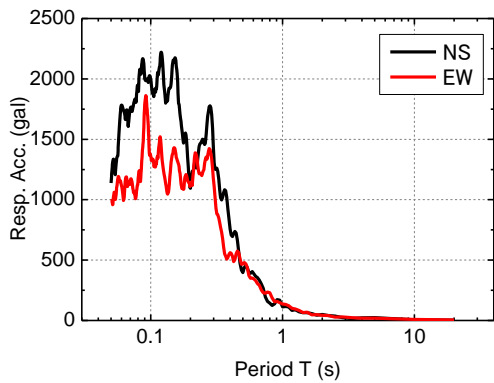
FKS001(相馬)



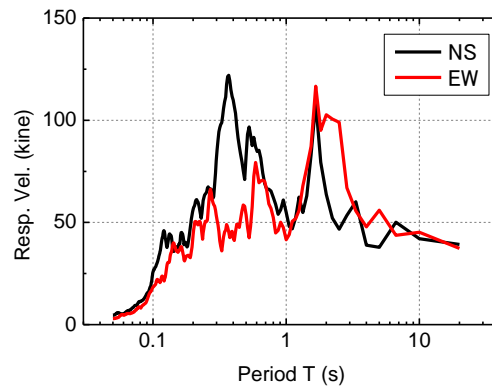
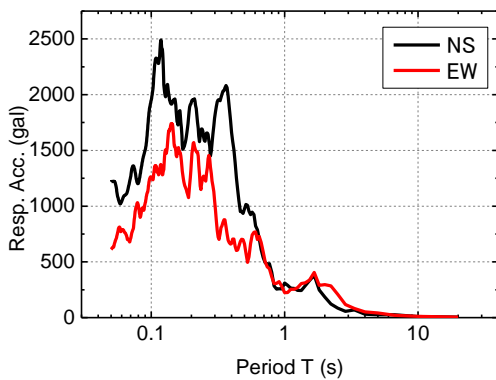
FKS002(梁川)



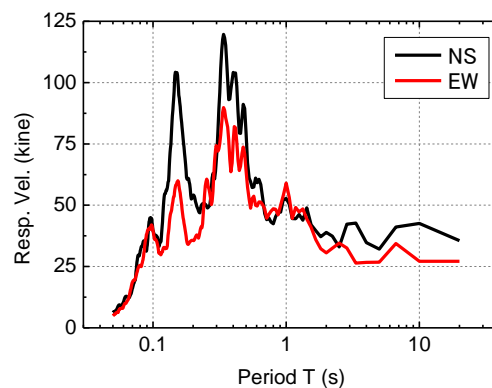
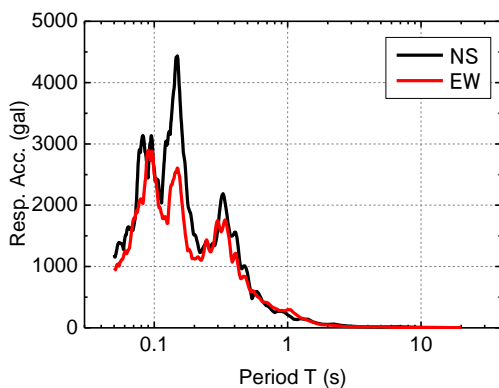
FKS003(福島)



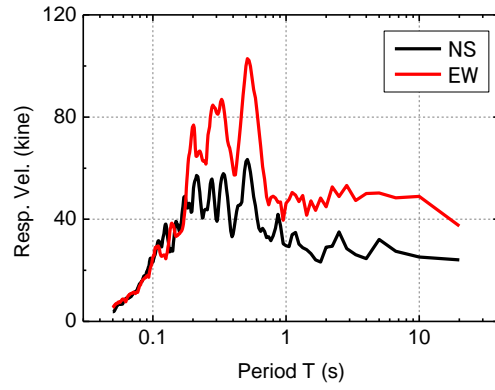
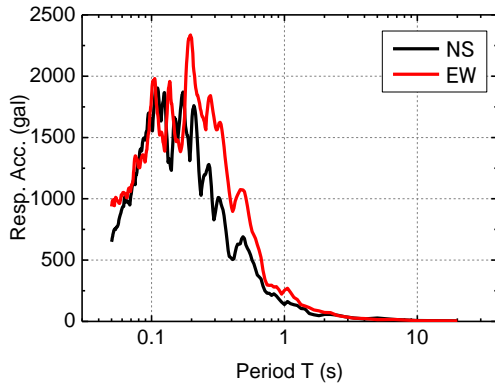
FKS004(飯館)



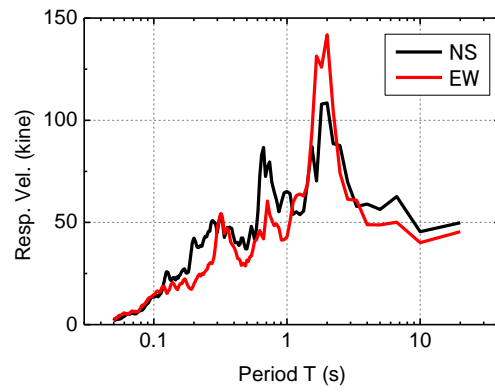
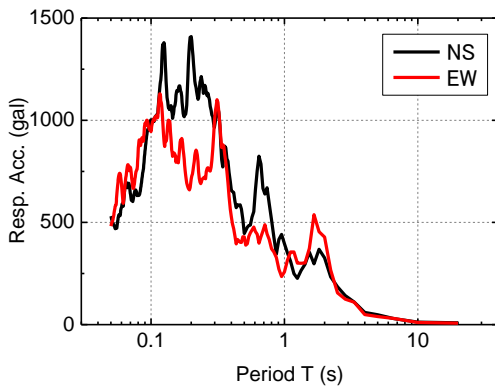
FKS005(原町)



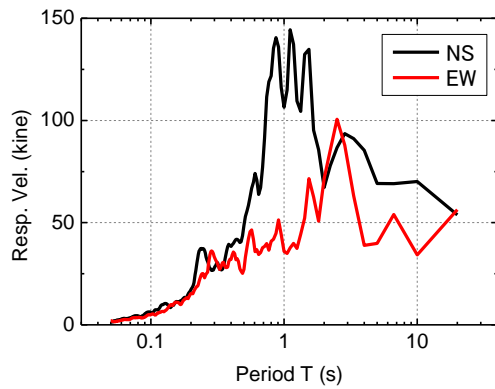
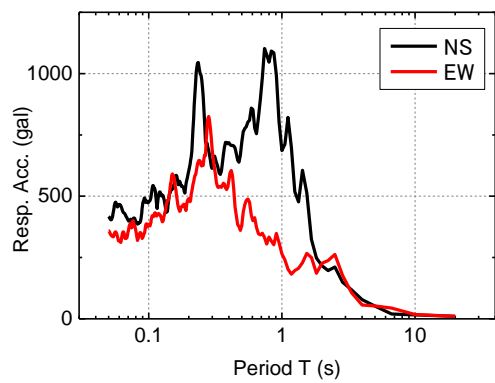
FKS008(船引)



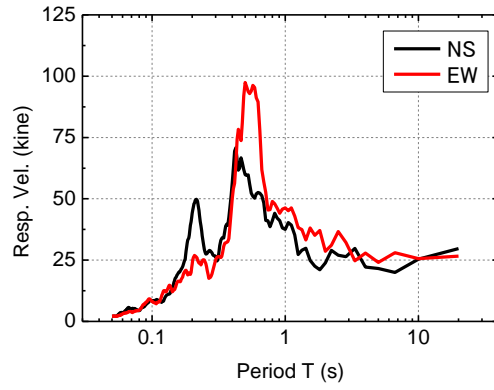
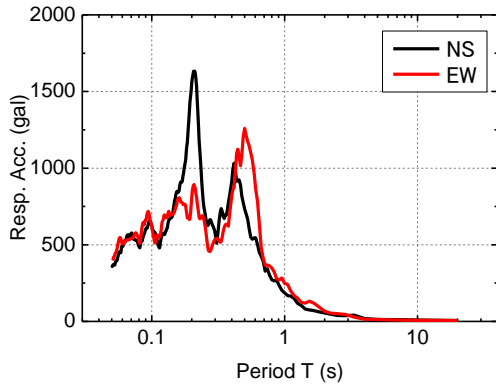
FKS009(小野)



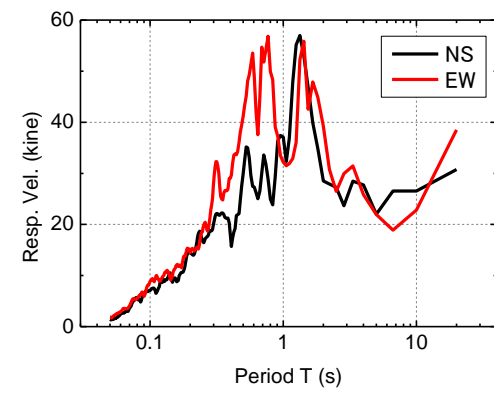
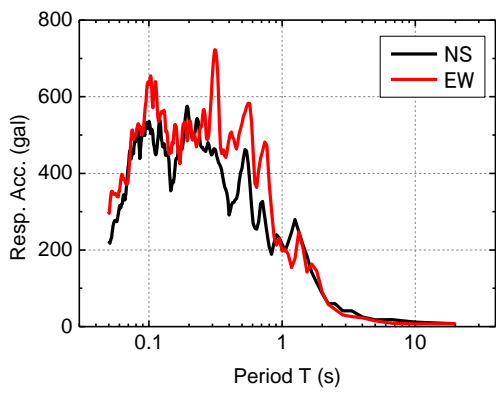
FKS011(いわき)



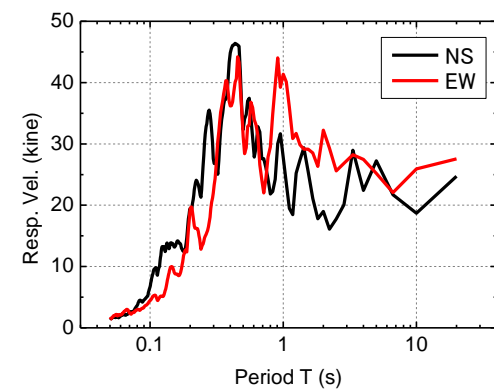
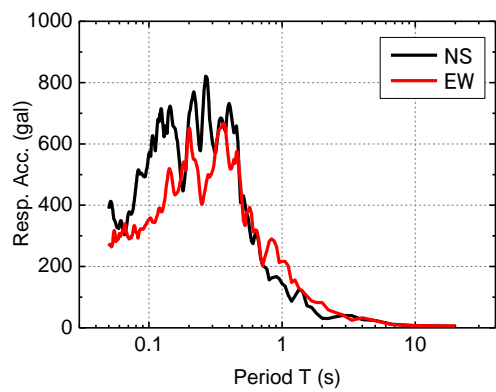
FKS012(勿来)



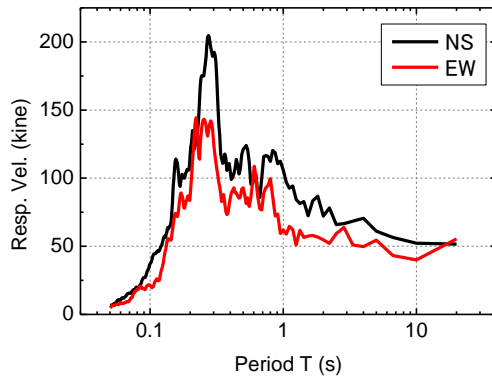
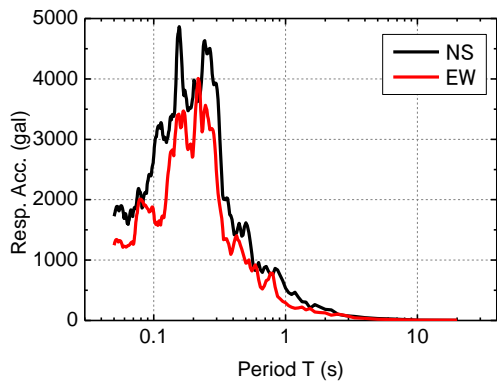
FKS013(古殿)



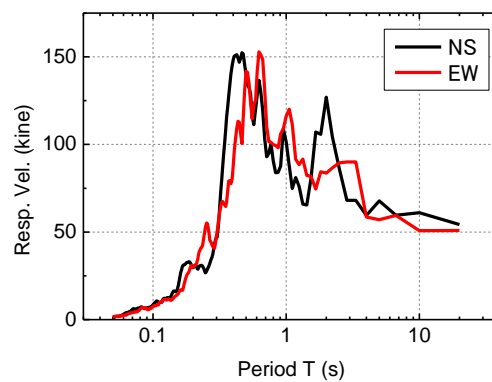
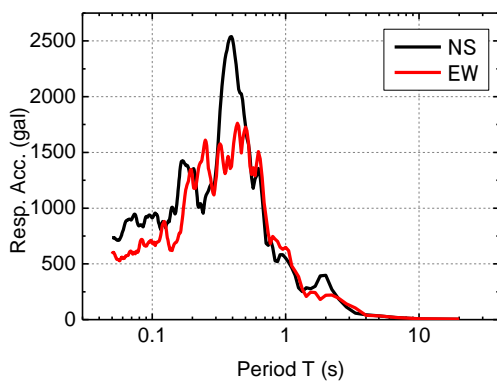
FKS014(矢祭)



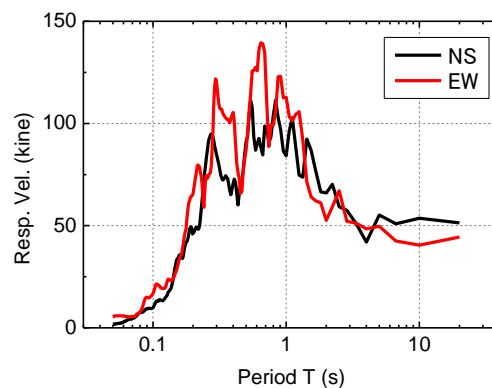
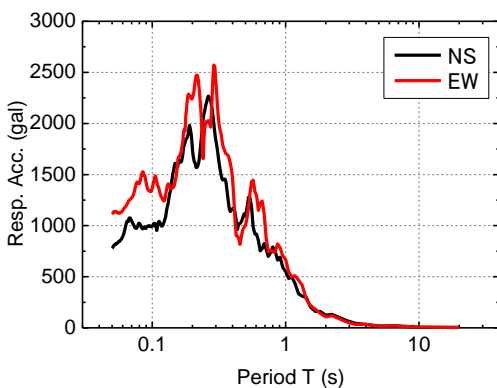
FKS015(棚倉)



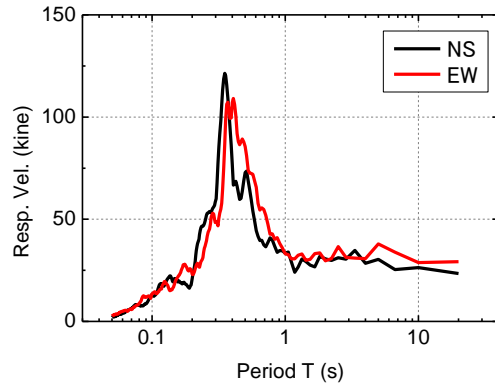
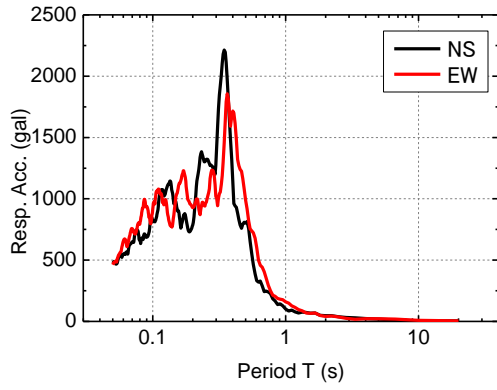
FKS016(白河)



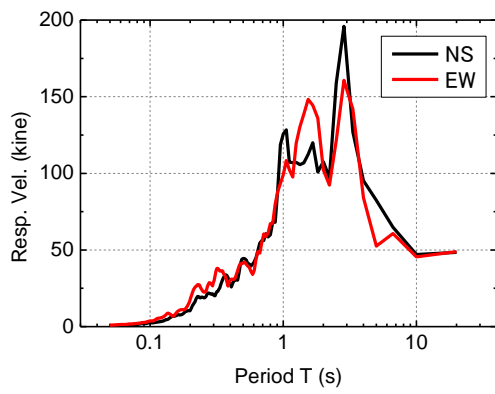
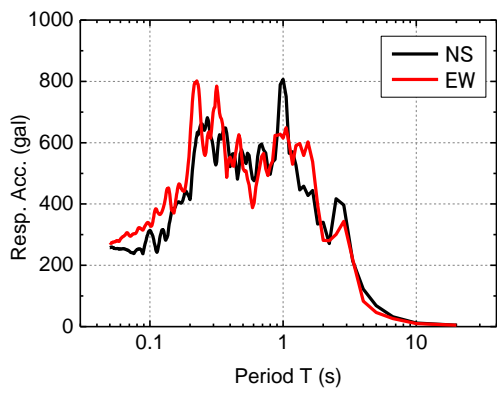
FKS017(須賀川)



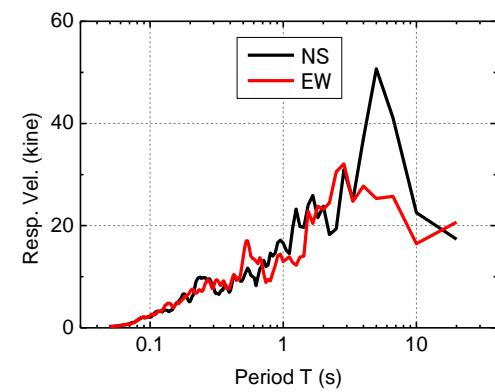
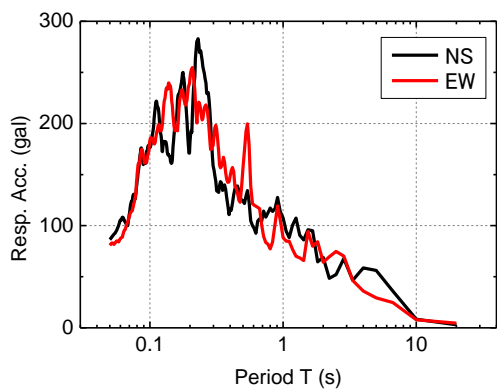
FKS018(郡山)



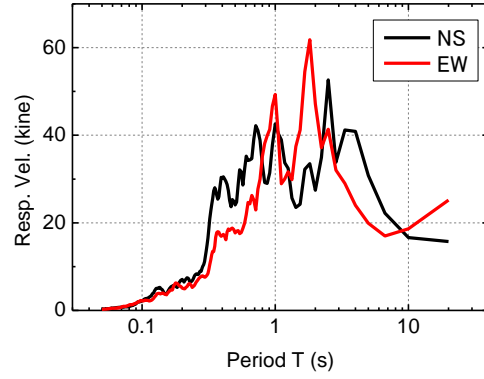
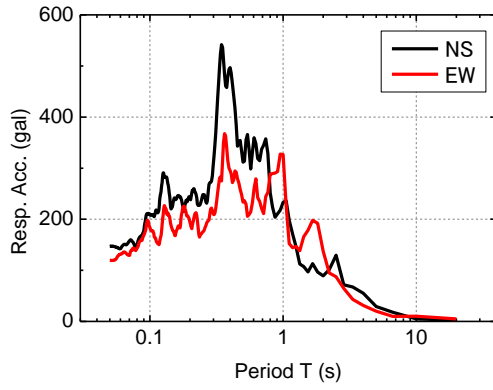
FKS019(二本松)



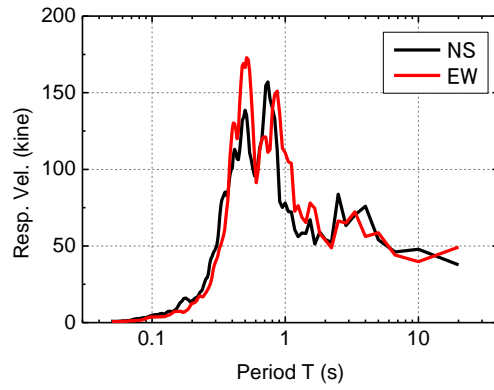
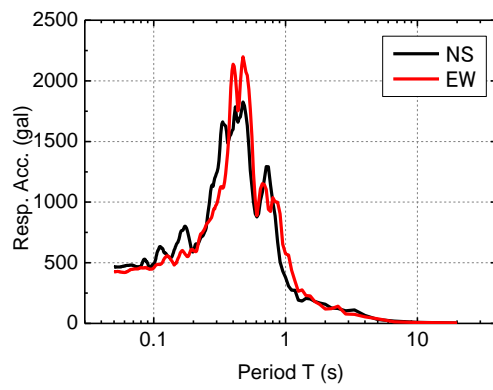
FKS020(猪苗代)



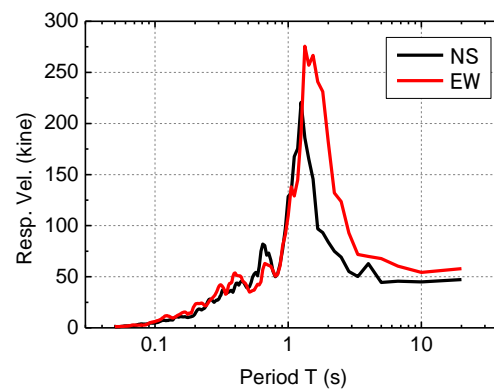
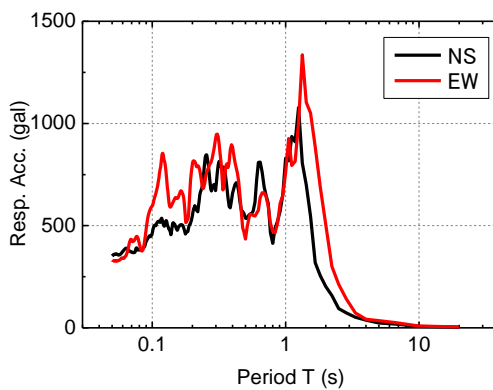
FKS021(喜多方)



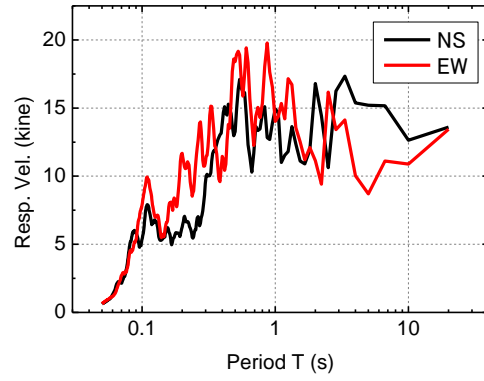
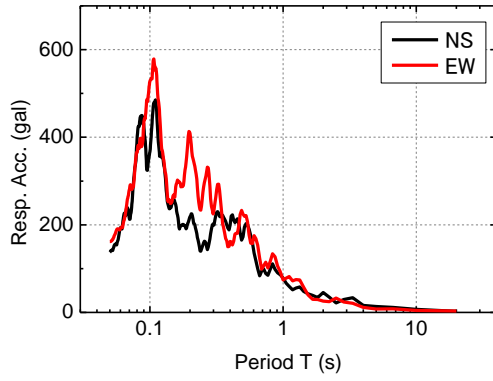
FKS022(西会津)



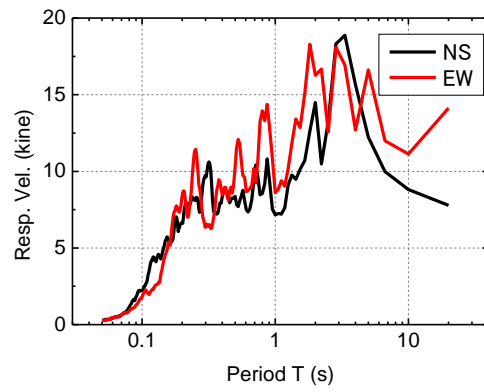
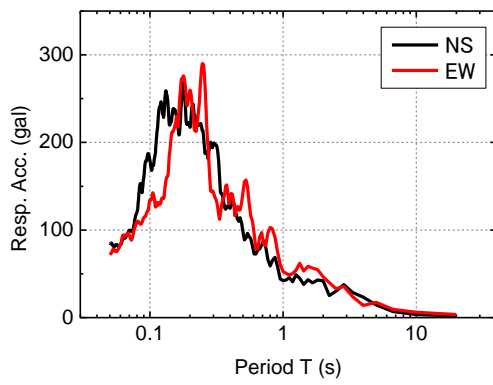
FKS023(会津若松)



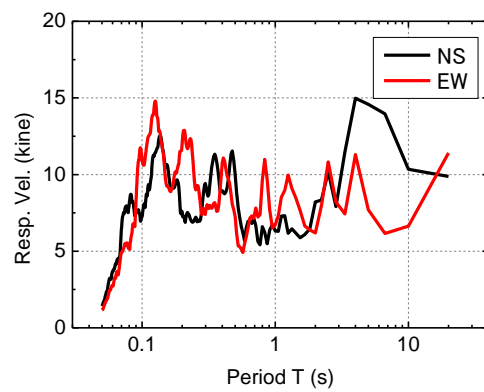
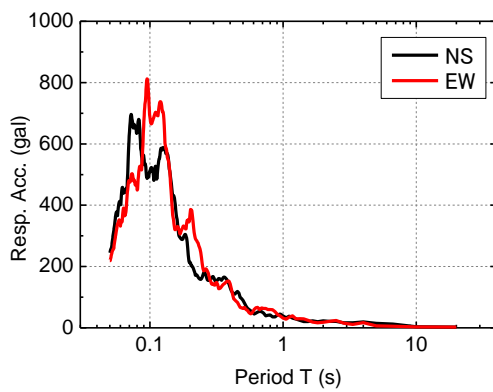
FKS024(中野)



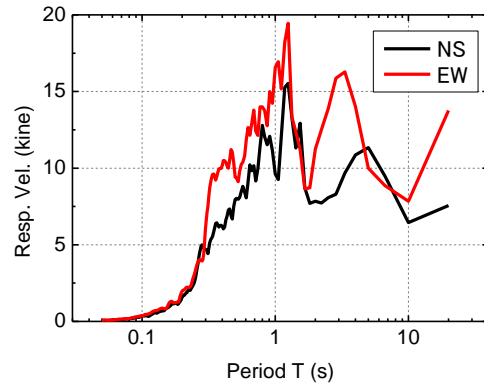
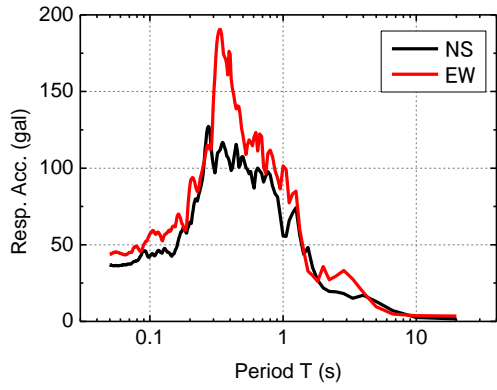
FKS025(下郷)



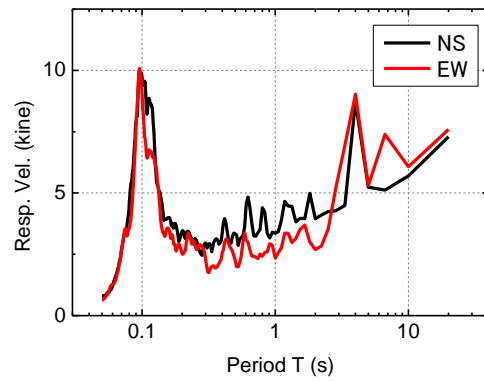
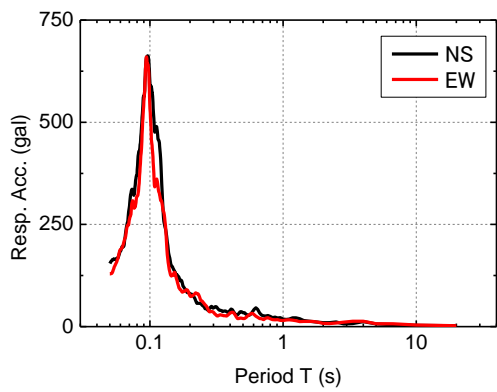
FKS026(南郷)



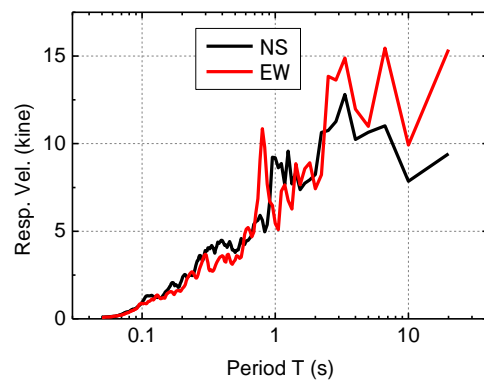
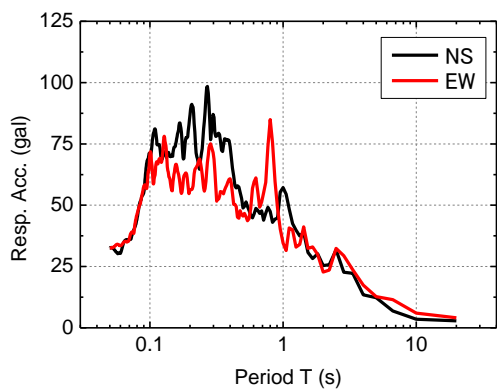
FKS027(滝原)



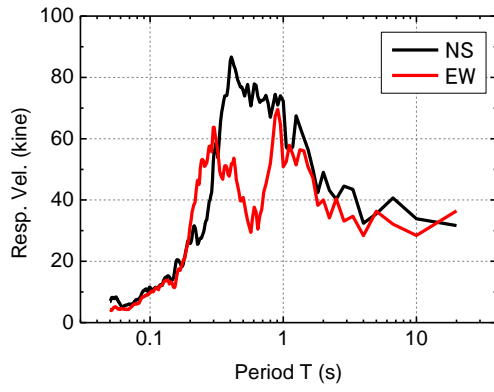
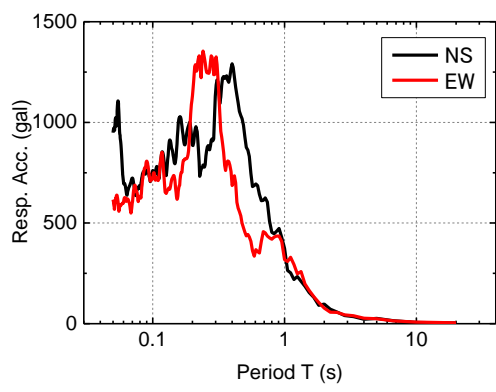
FKS028(只見)



FKS029(桜枝岐)

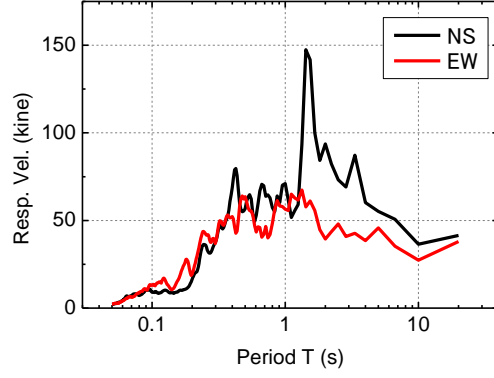
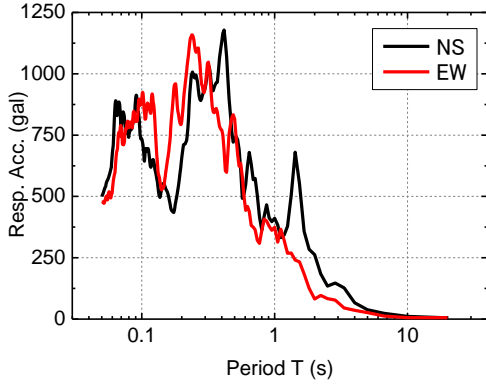


FKS030(金山)

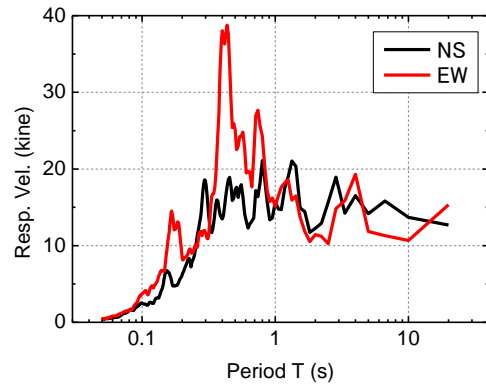
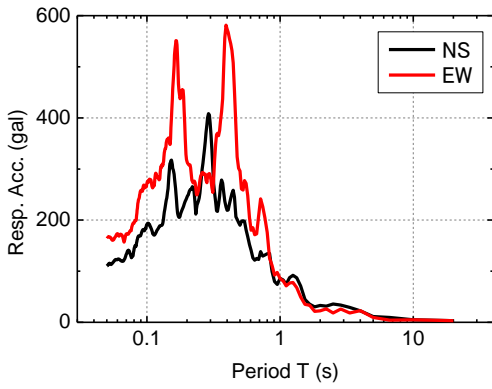


FKS031(川内)

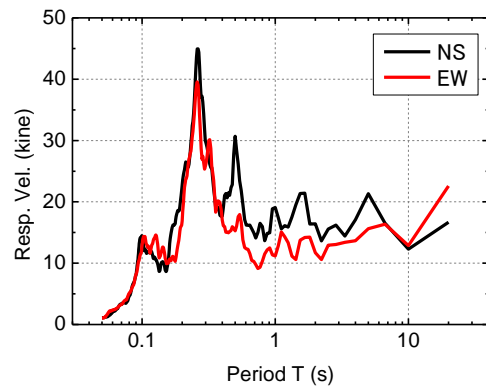
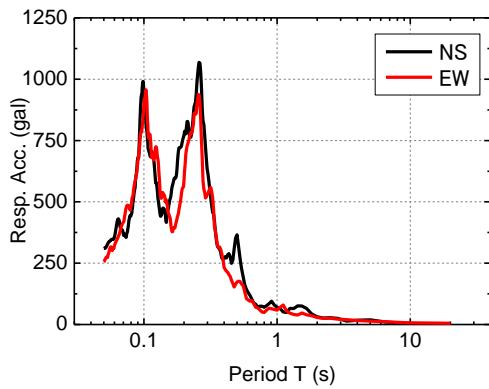
栃木



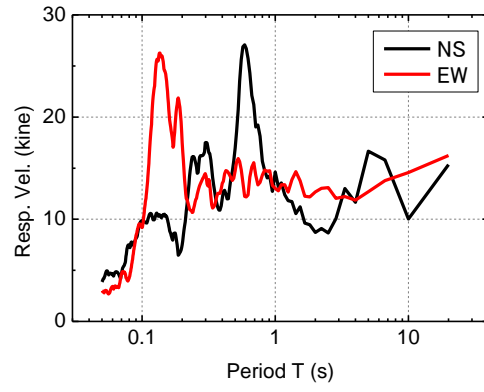
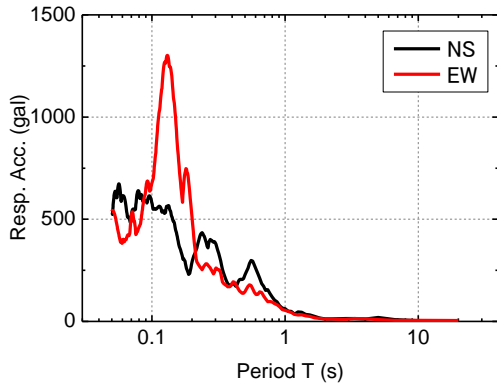
TCG001(黒磯)



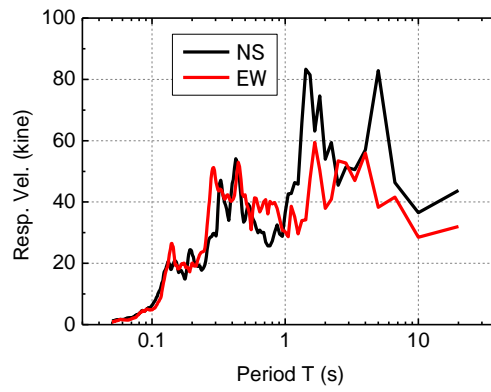
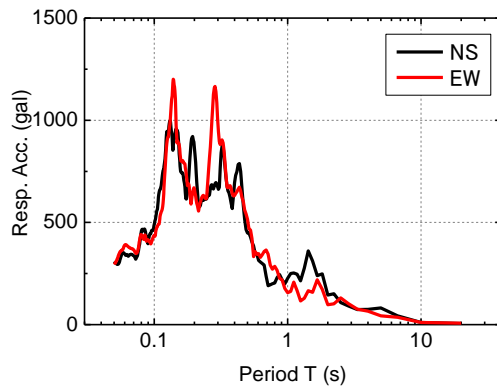
TCG002(塩原)



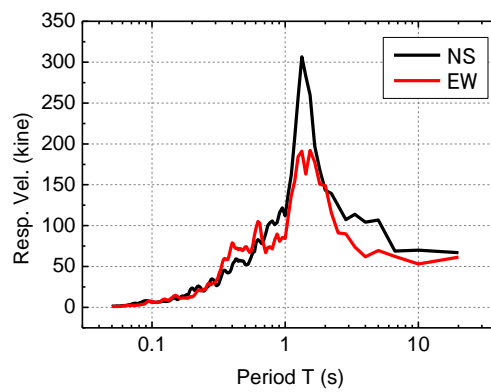
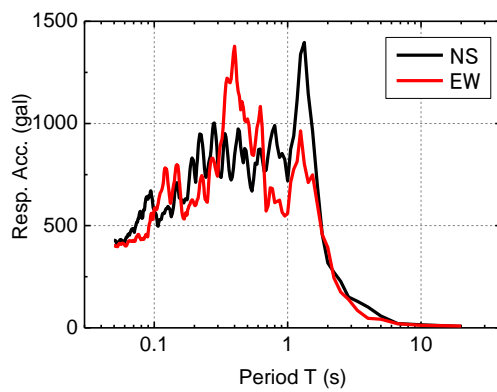
TCG003(藤原)



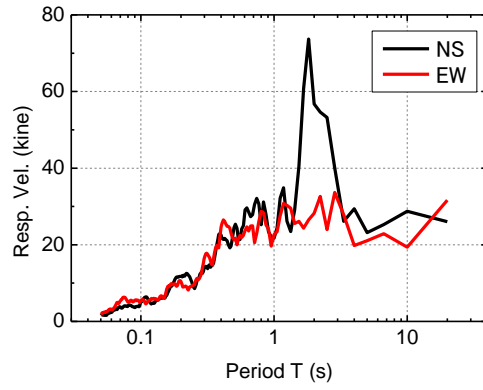
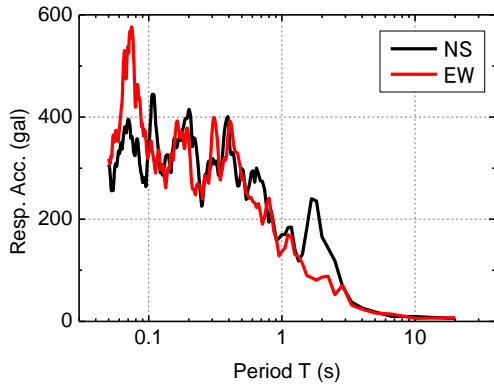
TCG004(湯元)



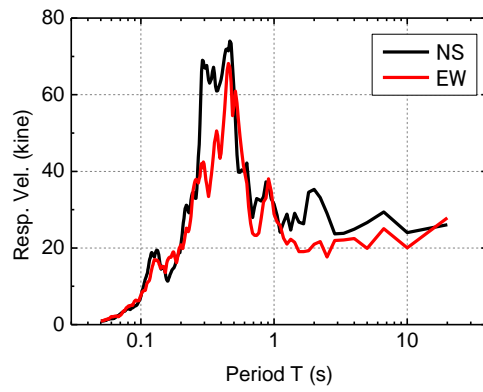
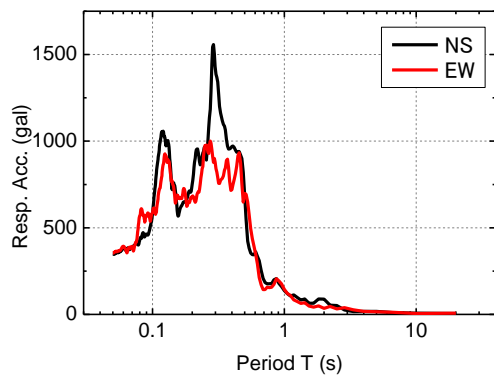
TCG005(矢板)



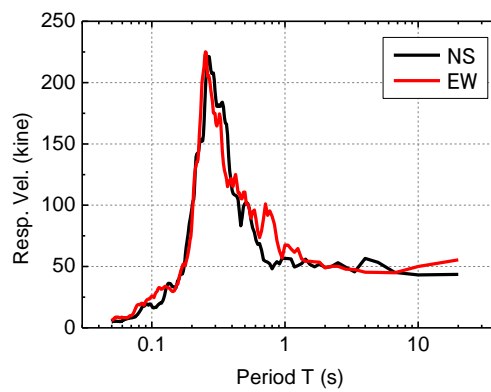
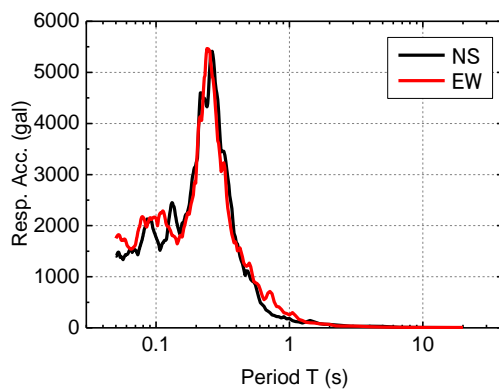
TCG006(小川)



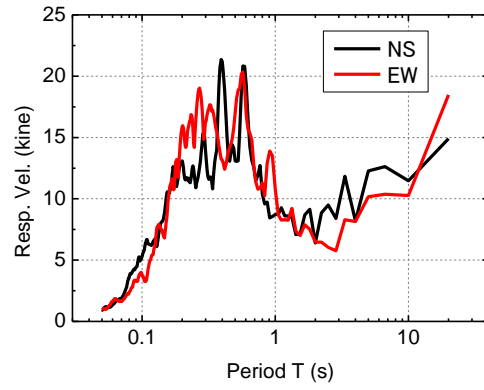
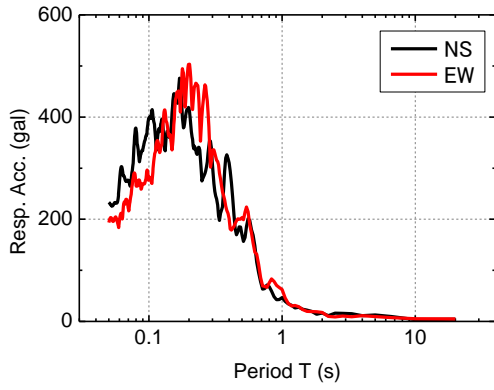
TCG007(宇都宮)



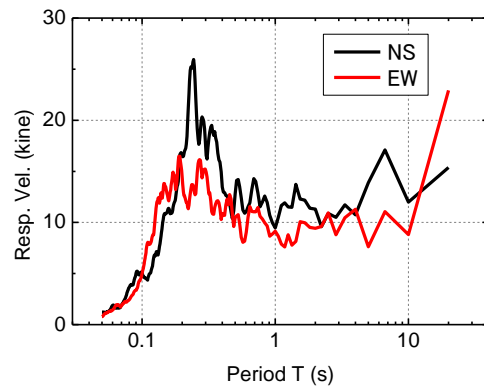
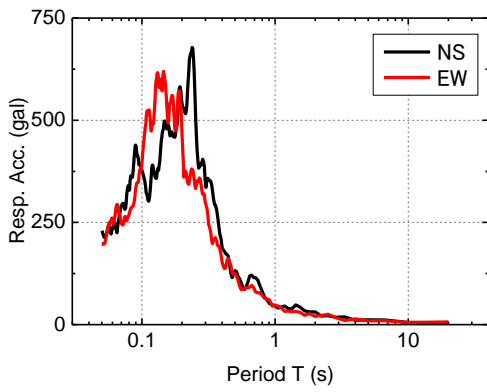
TCG008(鹿沼)



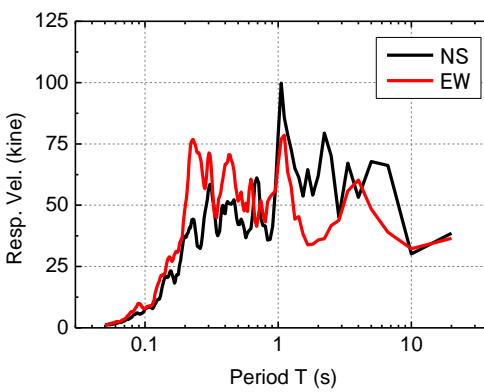
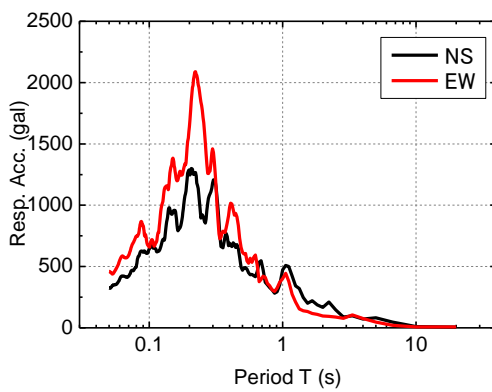
TCG009(今市)



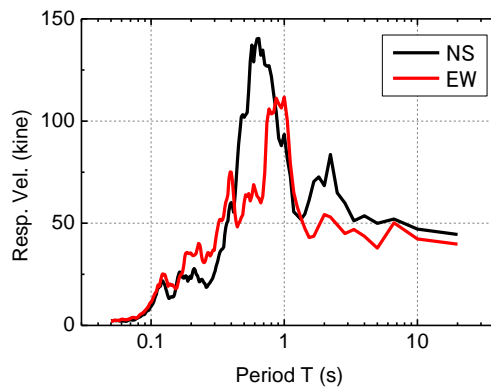
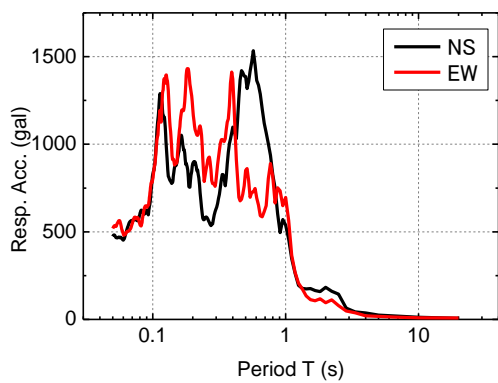
TCG010(足尾)



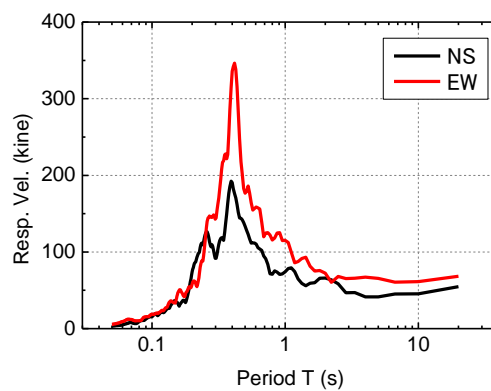
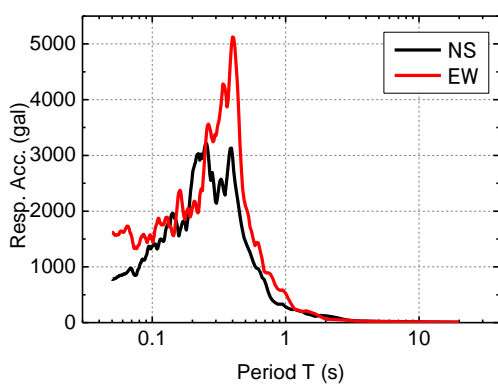
TCG011(葛生)



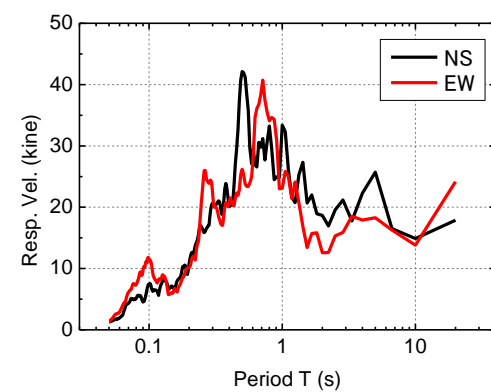
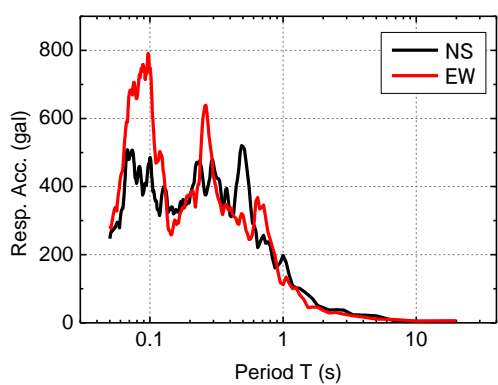
TCG012(小山)



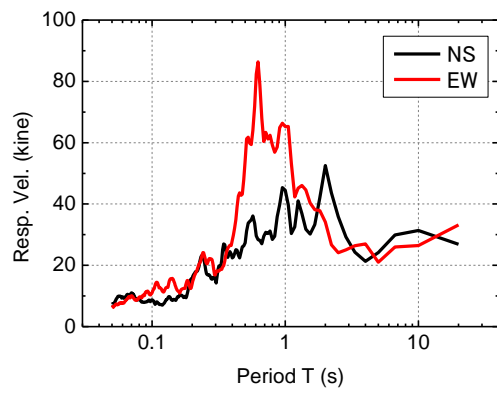
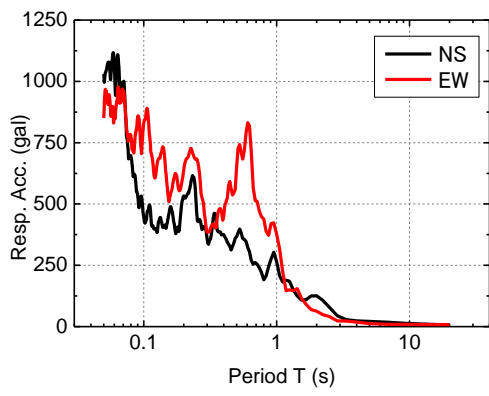
TCG013(真岡)



TCG014(茂木)

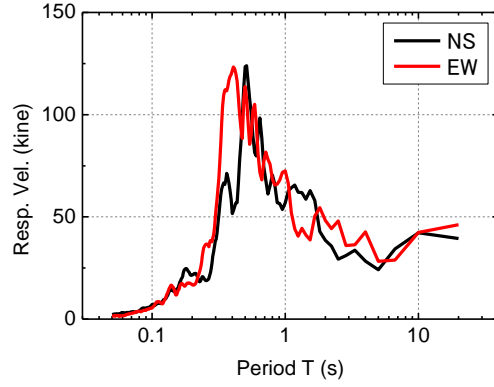
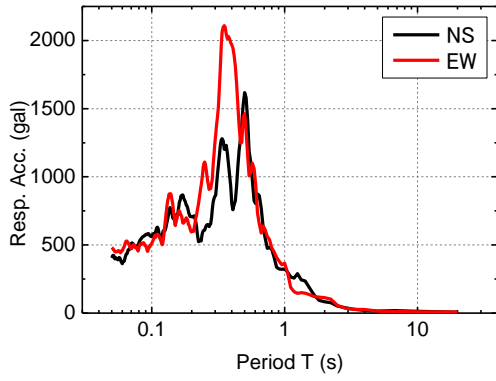


TCG015(芹沼)

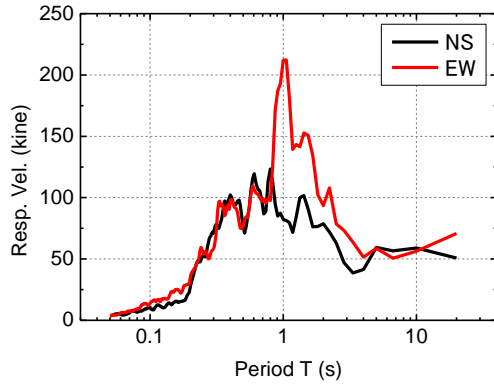
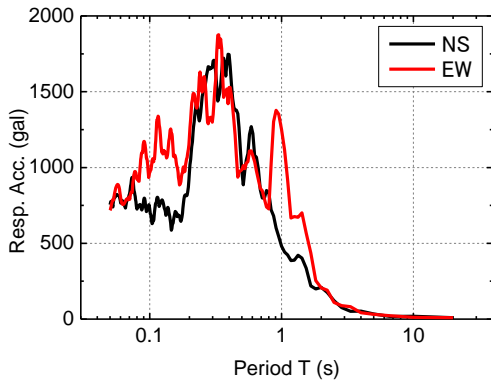


TCG016(北高岡)

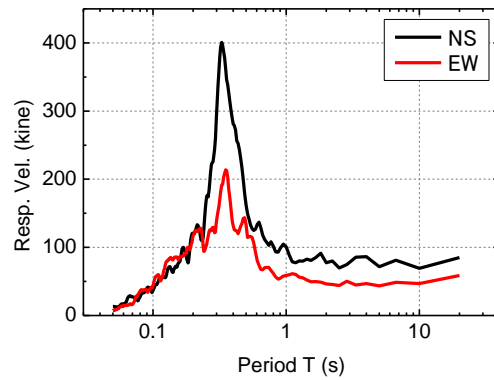
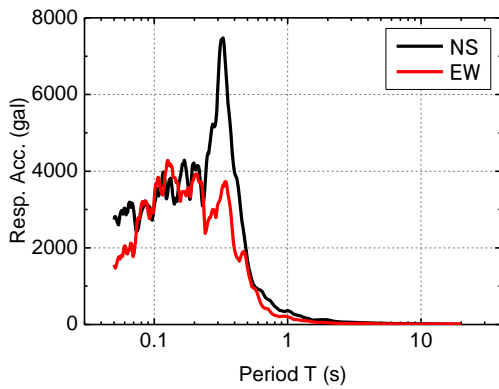
茨城



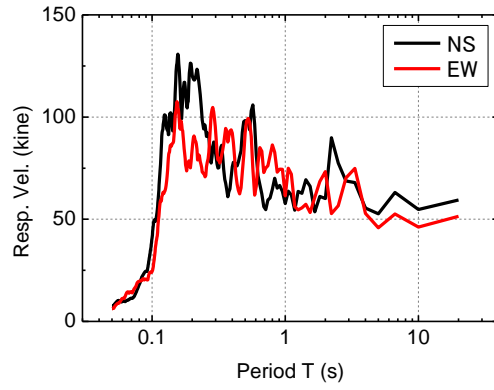
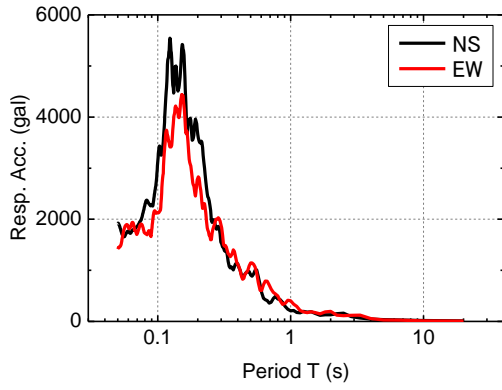
IBR001(大子)



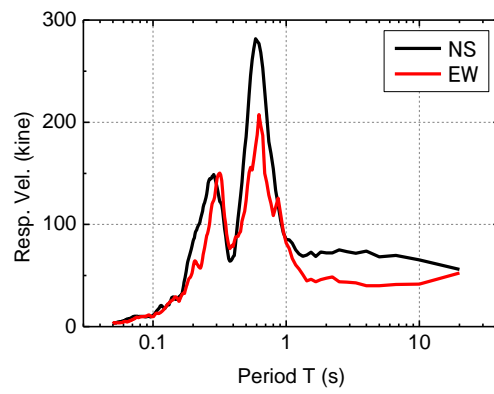
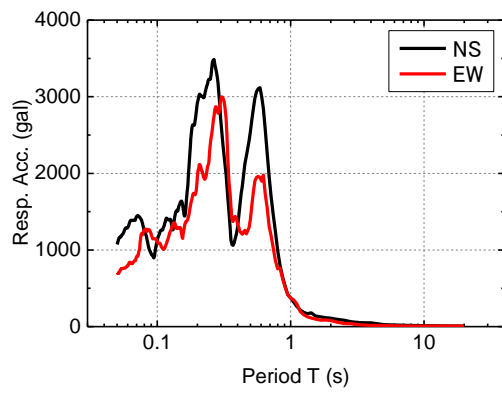
IBR002(高萩)



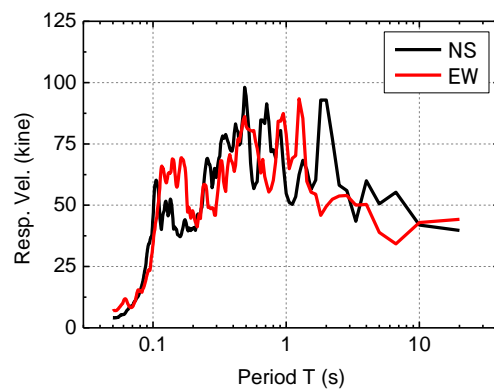
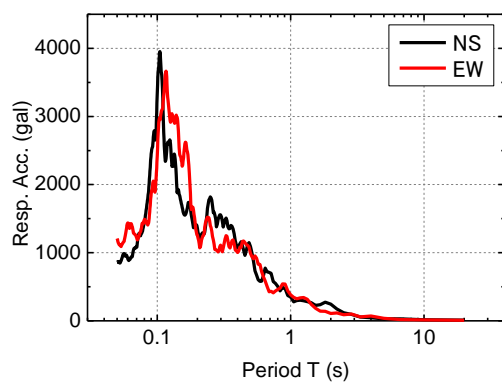
IBR003(日立)



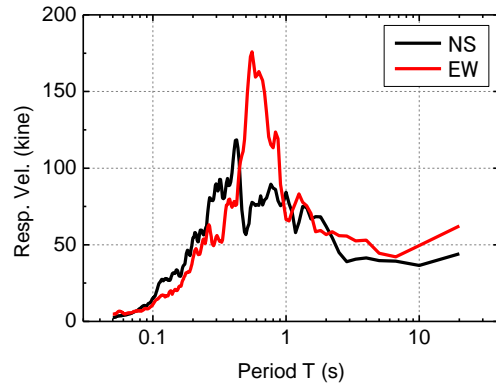
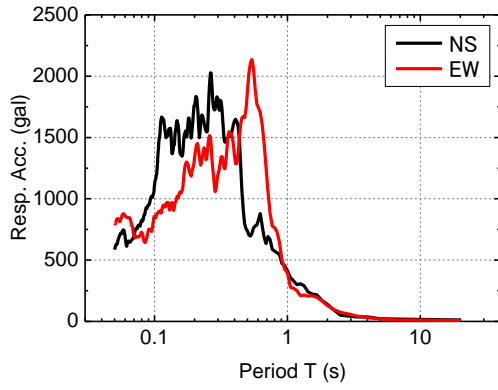
IBR004(大宮)



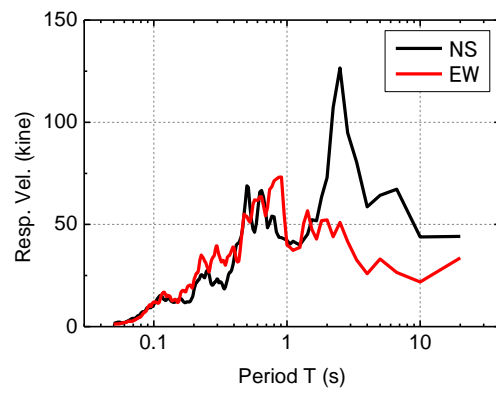
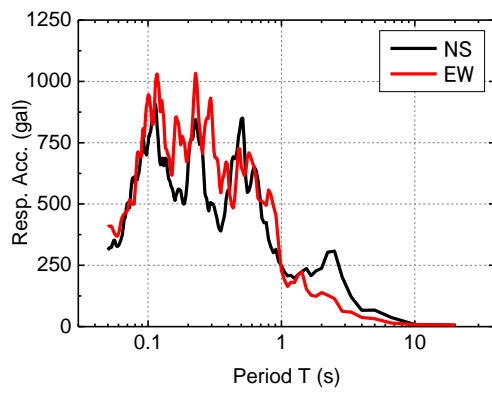
IBR005(笠間)



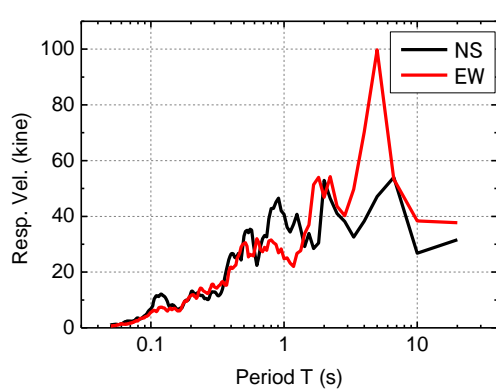
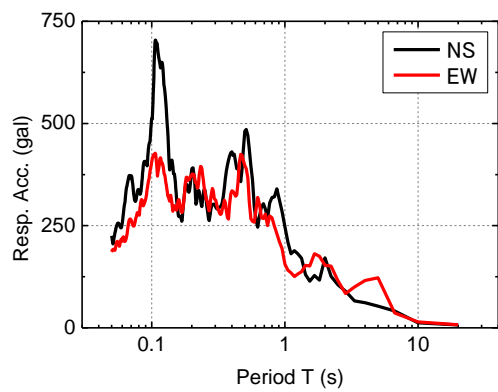
IBR006(水戸)



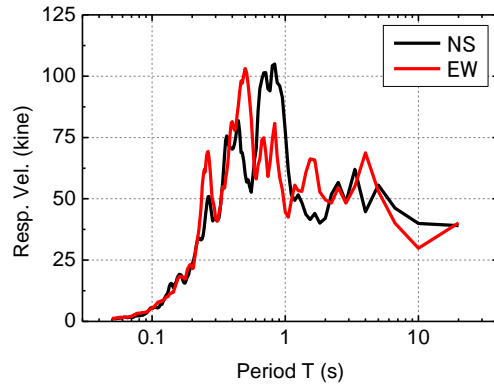
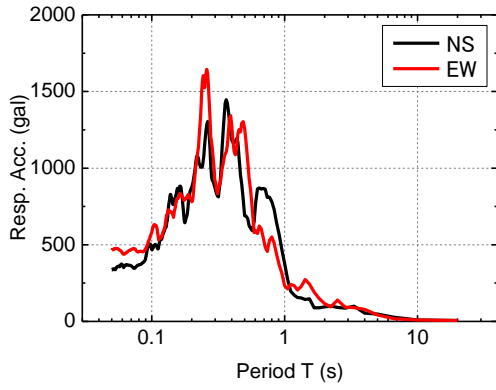
IBR007(那珂湊)



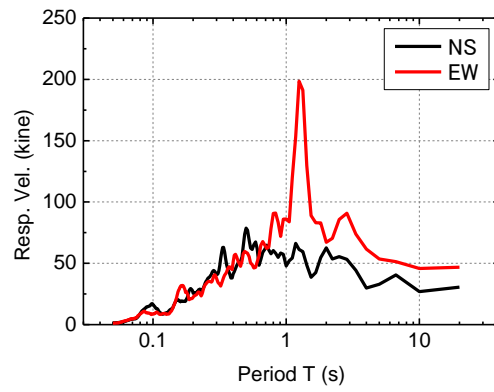
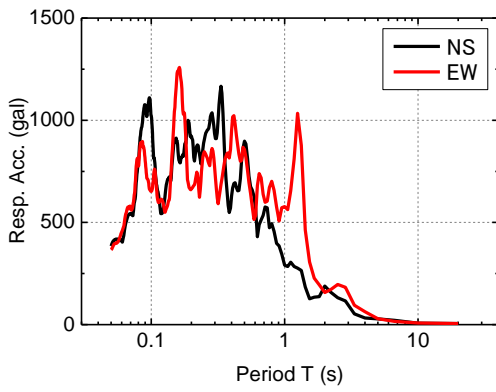
IBR008(下館)



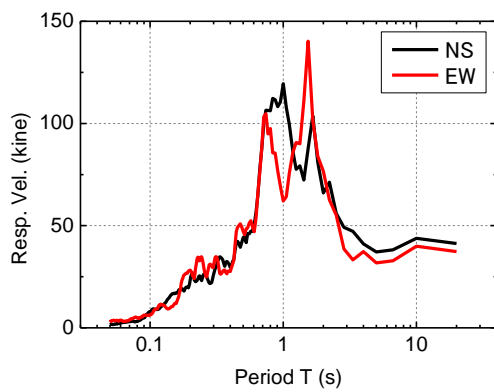
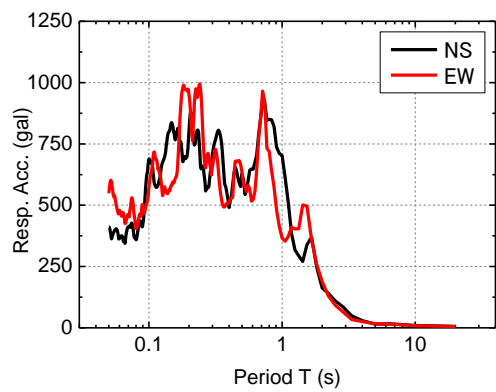
IBR009(古河)



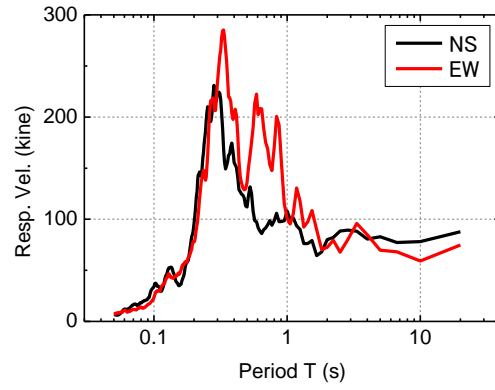
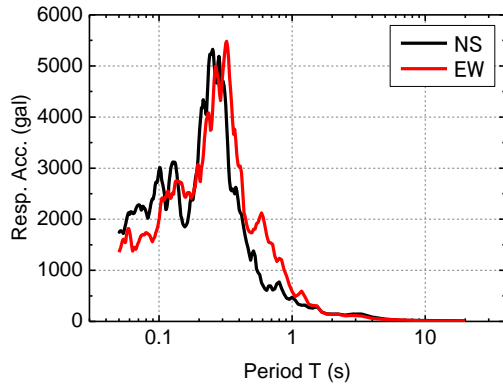
IBR010(下妻)



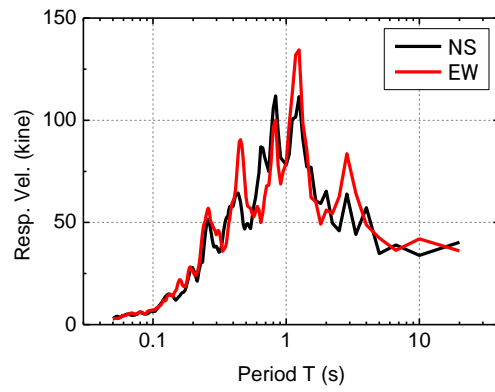
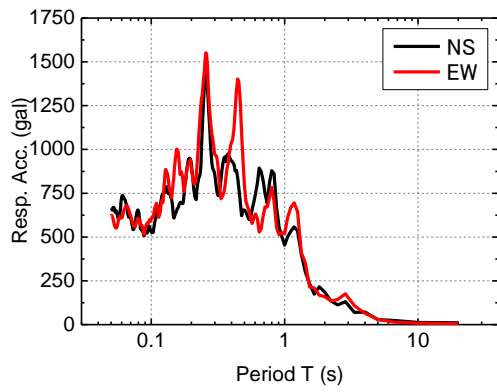
IBR011(つくば)



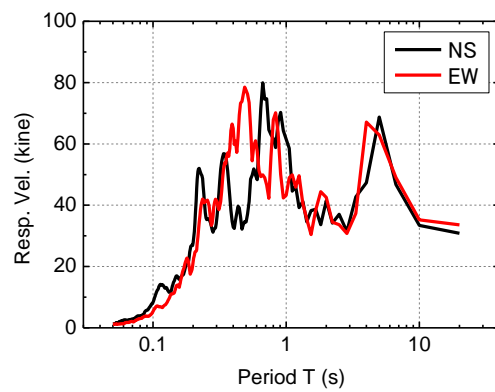
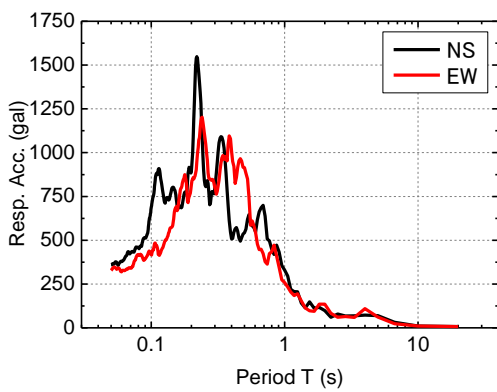
IBR012(石岡)



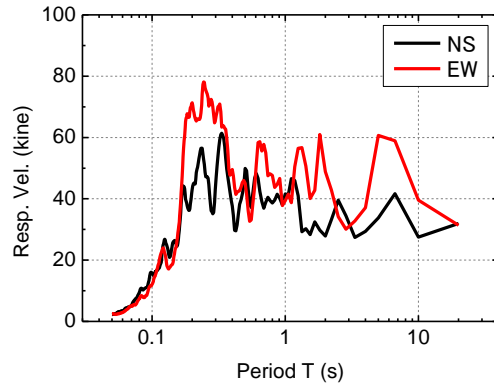
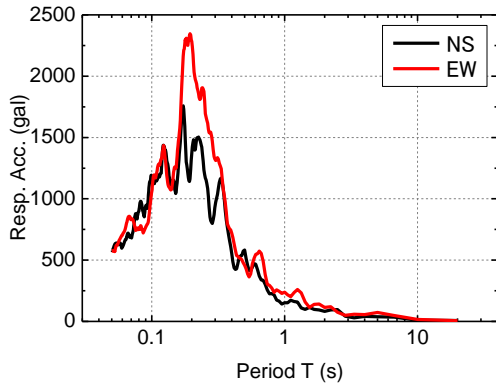
IBR013(鉾田)



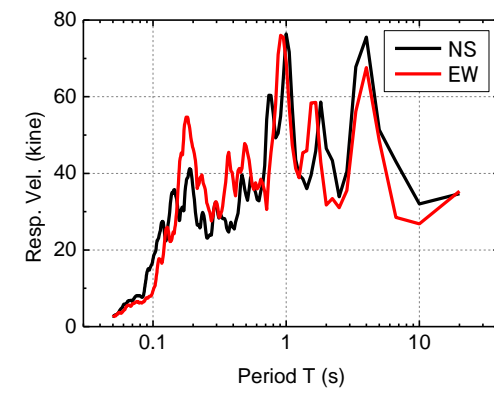
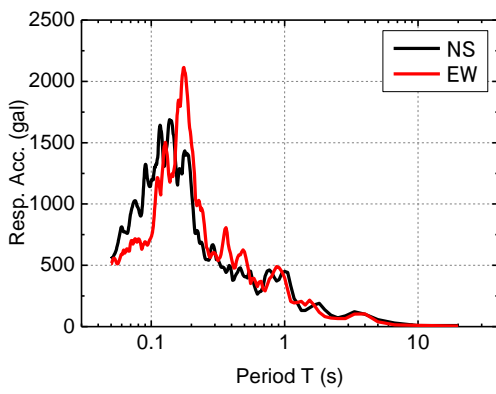
IBR014(土浦)



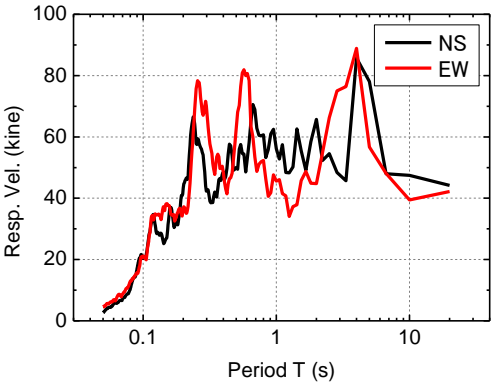
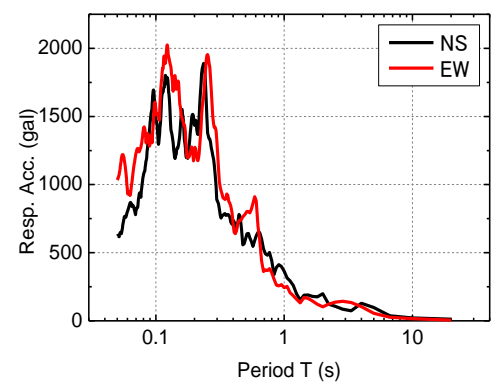
IBR015(岩井)



IBR016(取手)

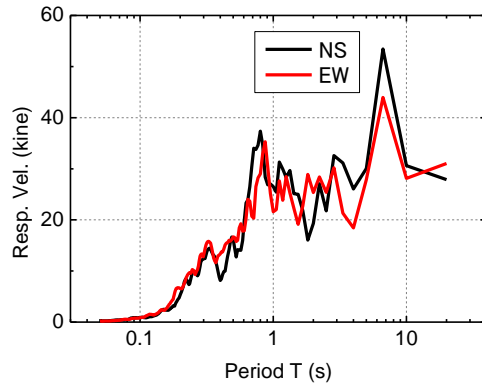
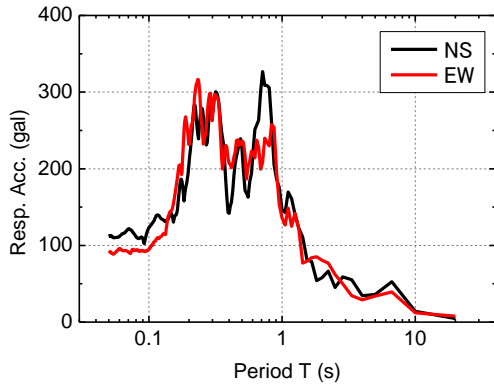


IBR017(江戸崎)

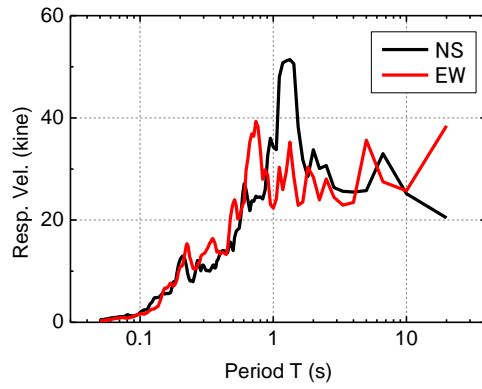
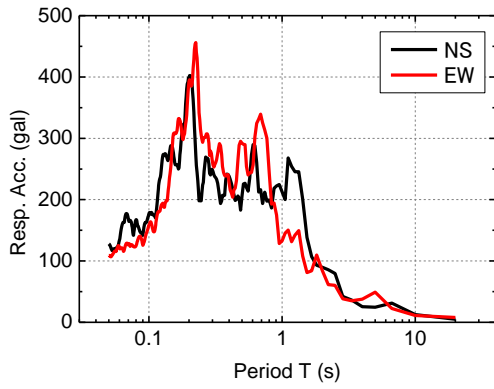


IBR018(鹿嶋)

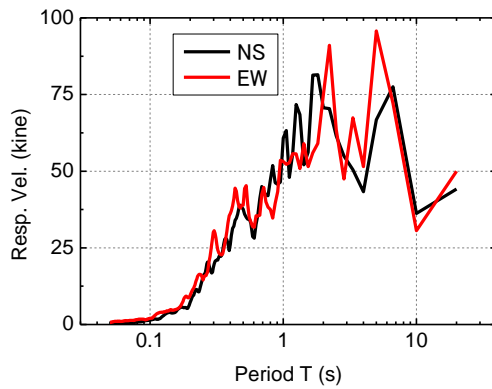
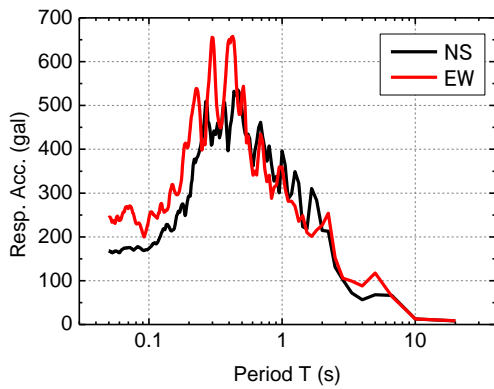
埼玉



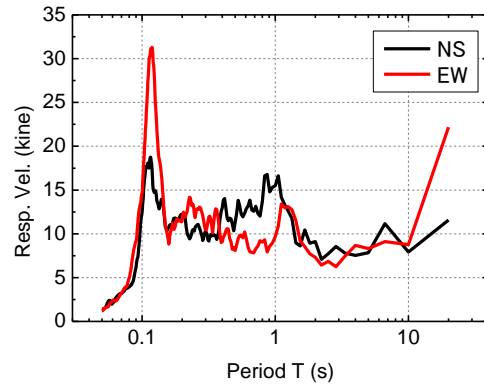
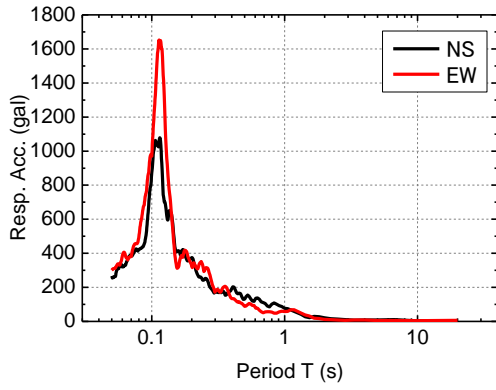
SIT001(本庄)



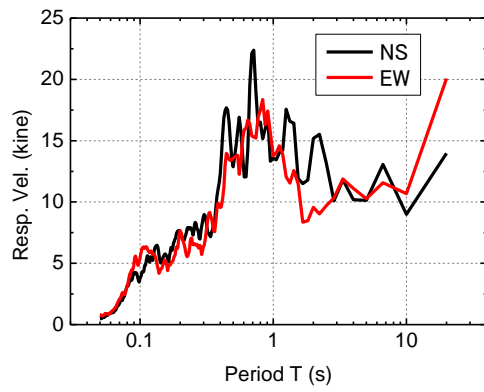
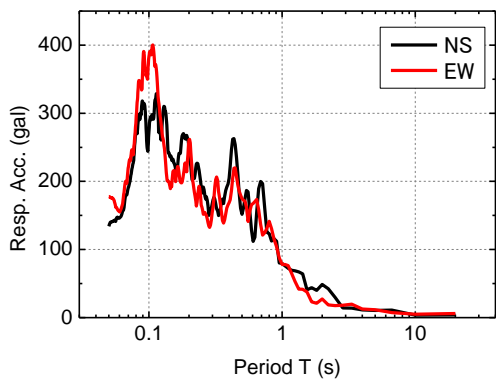
SIT002(熊谷)



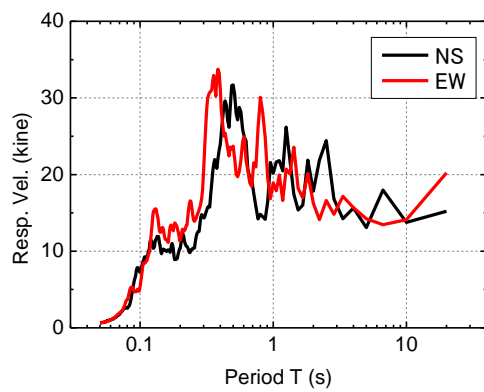
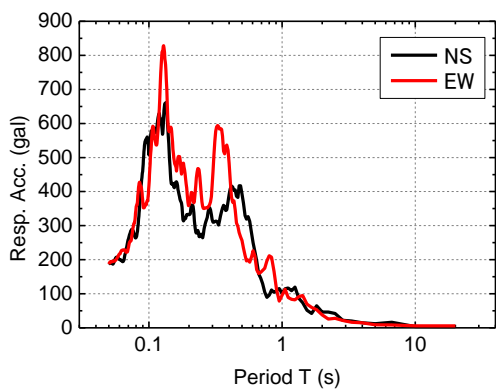
SIT003(久喜)



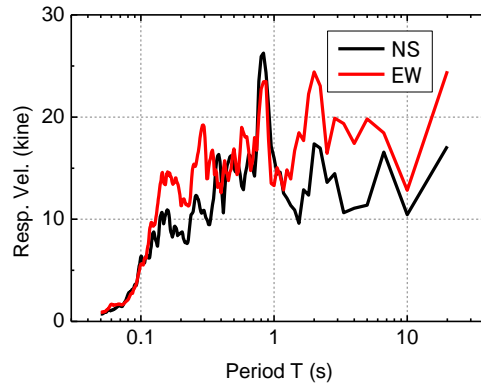
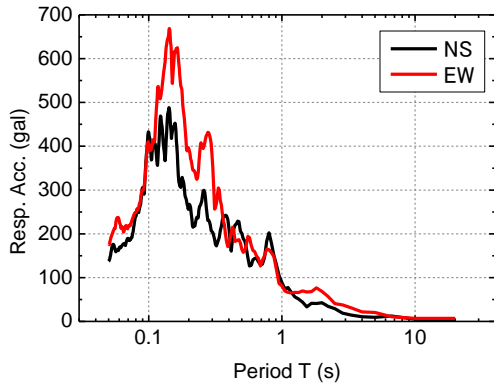
SIT004(長瀬)



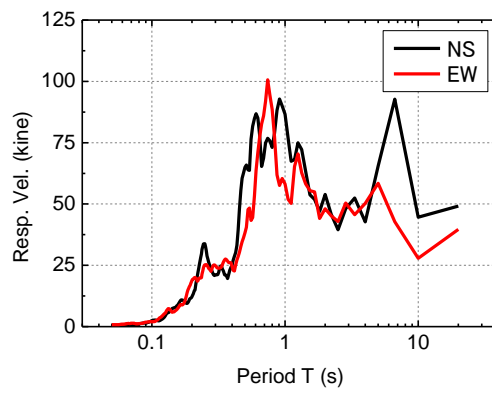
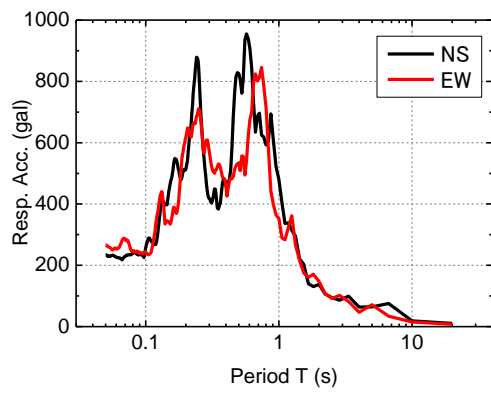
SIT005(小川)



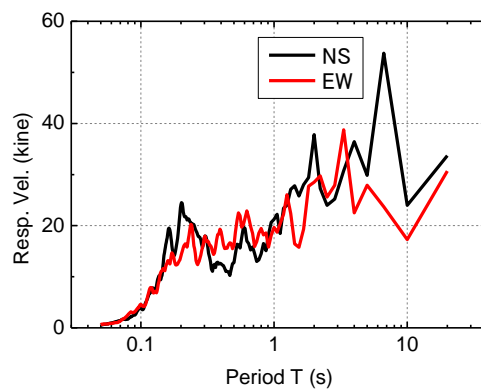
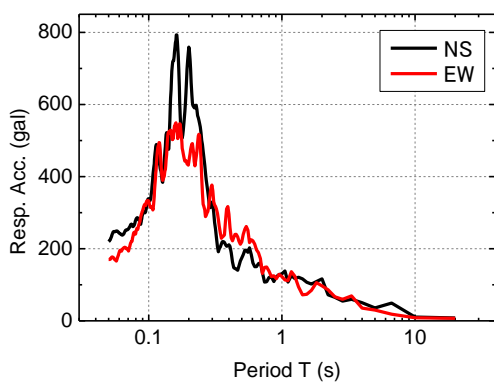
SIT006(秩父)



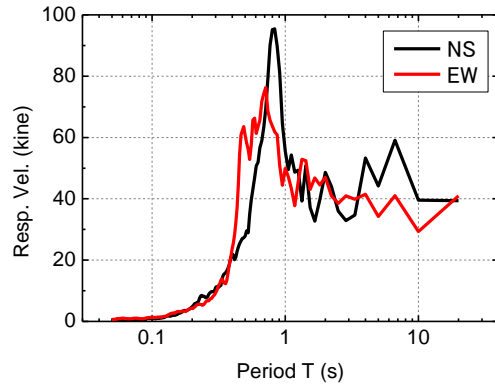
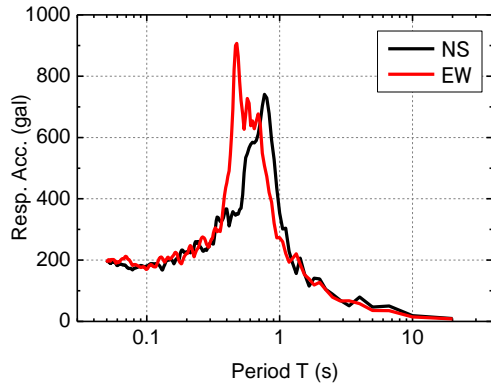
SIT007(東松山)



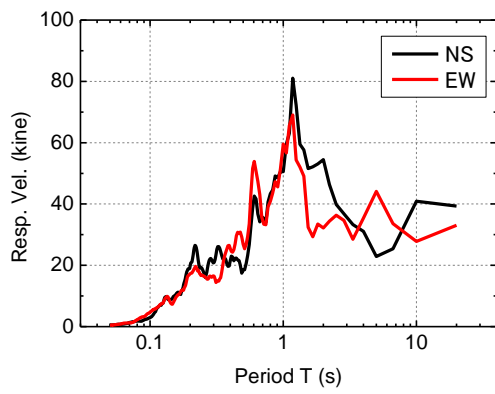
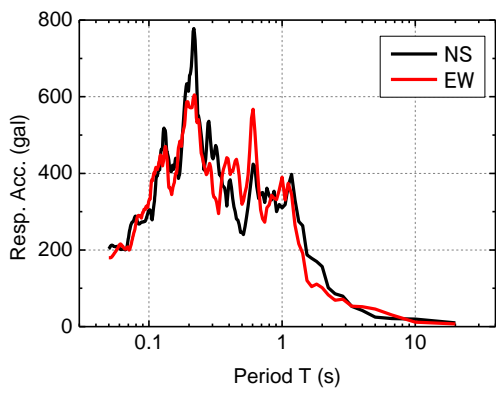
SIT008(春日部)



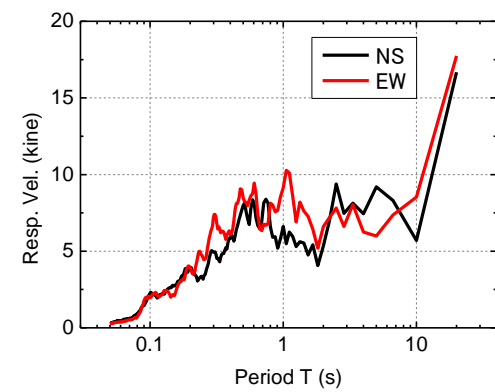
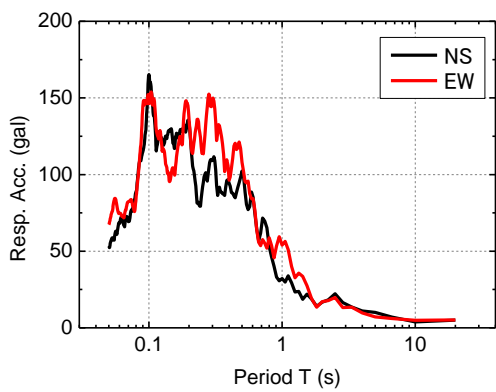
SIT009(川越)



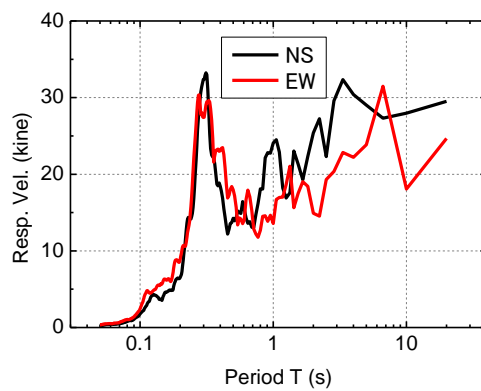
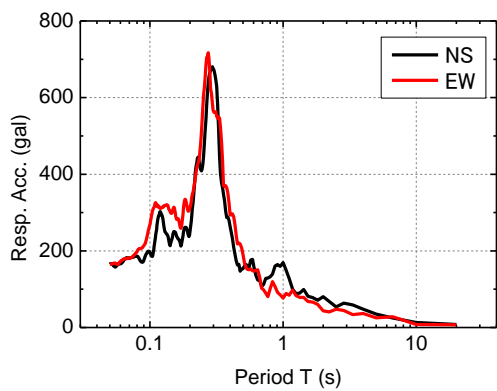
SIT010(大宮)



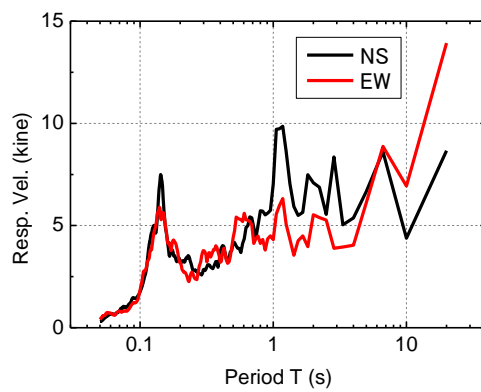
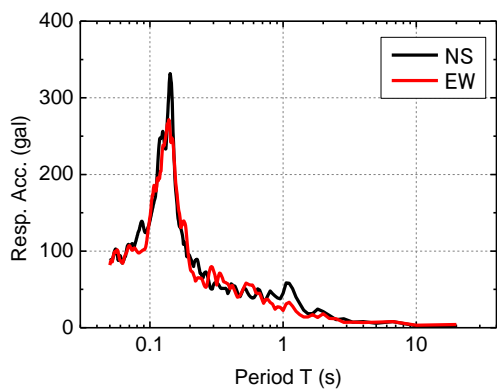
SIT011(川口)



SIT012(飯能)

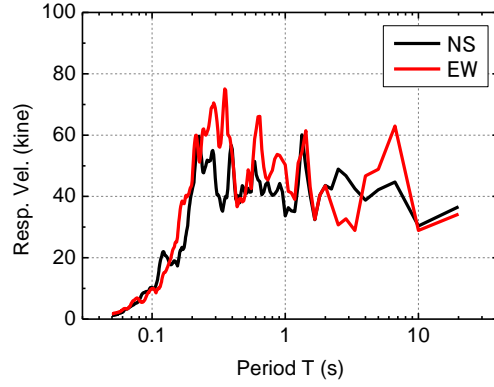
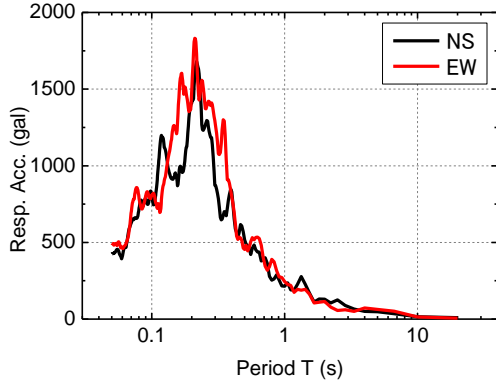


SIT013(所沢)

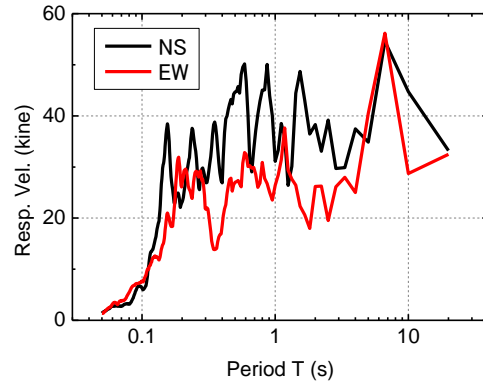
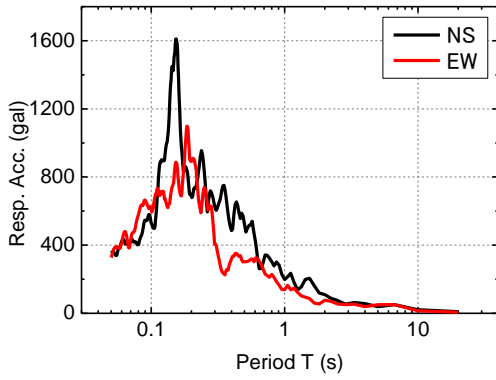


SIT014(中津川)

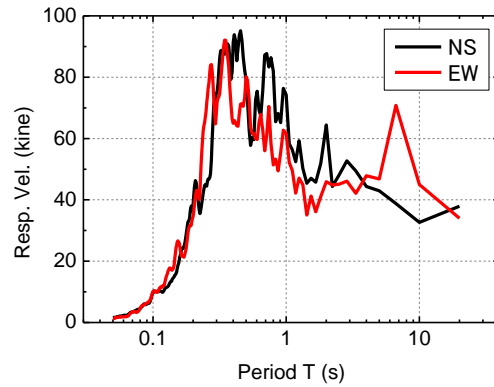
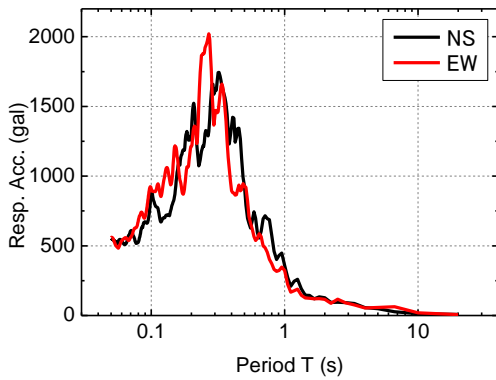
千葉



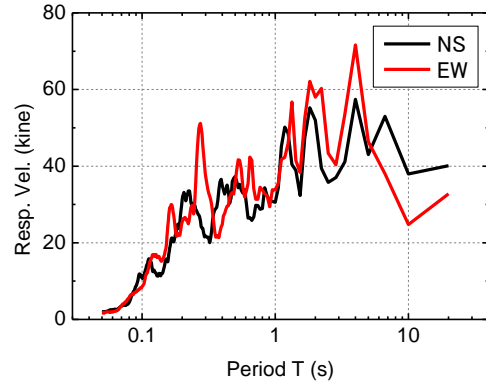
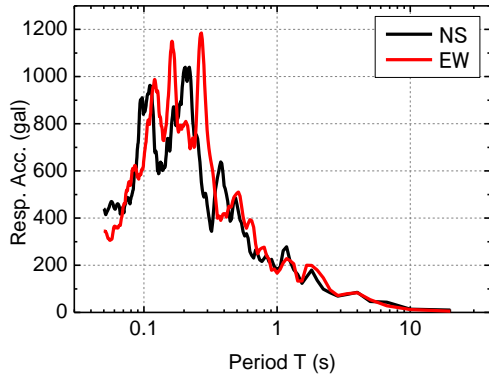
CHB001(野田)



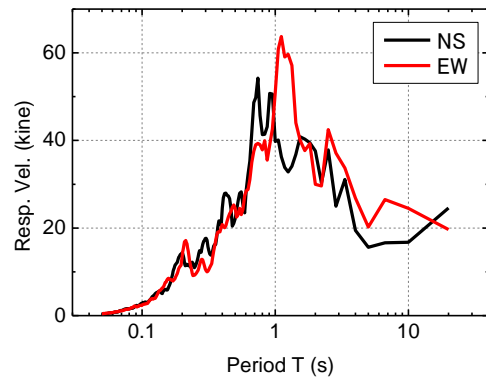
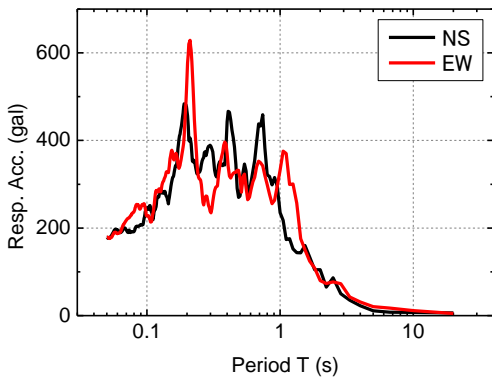
CHB002(松戸)



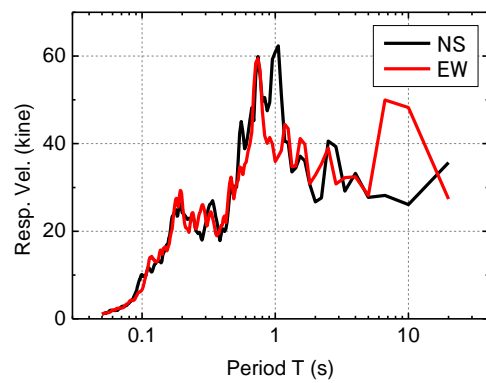
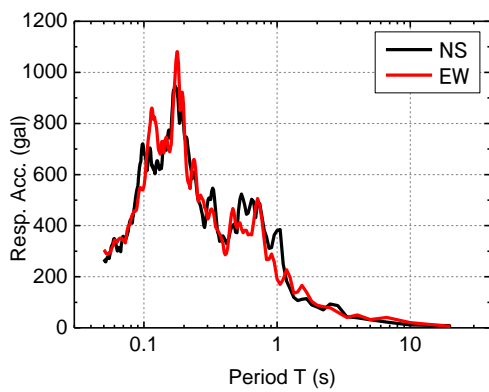
CHB003(白井)



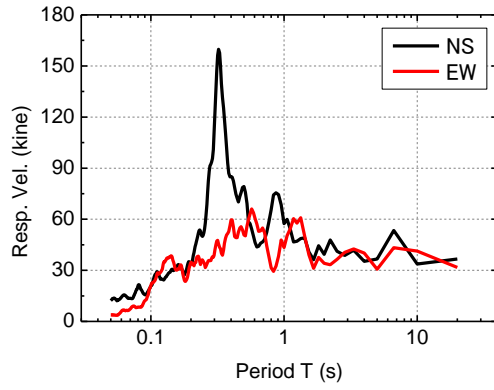
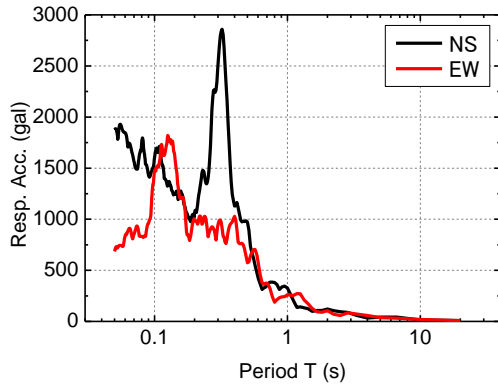
CHB004(佐原)



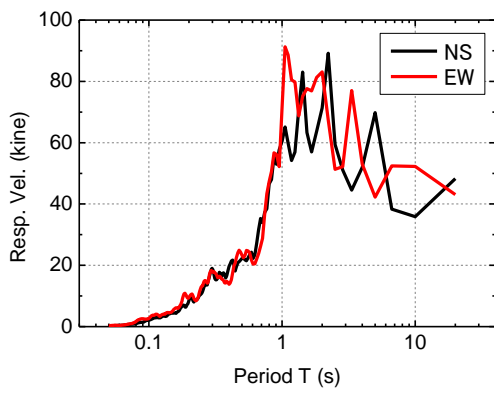
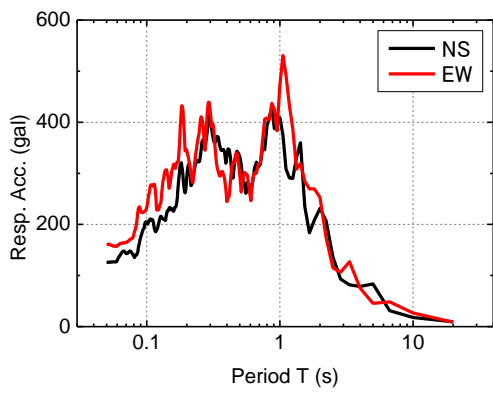
CHB005(銚子)



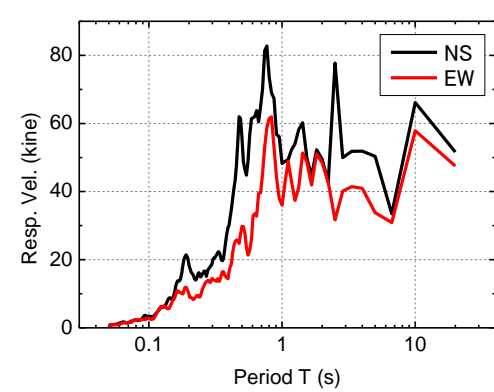
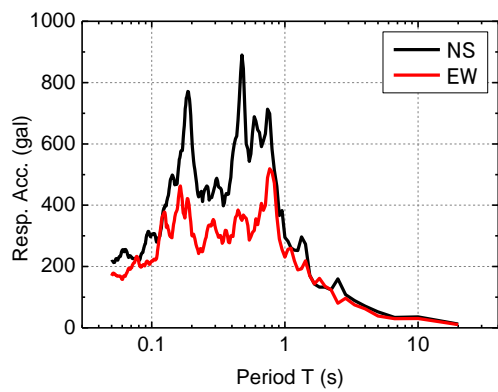
CHB006(成田)



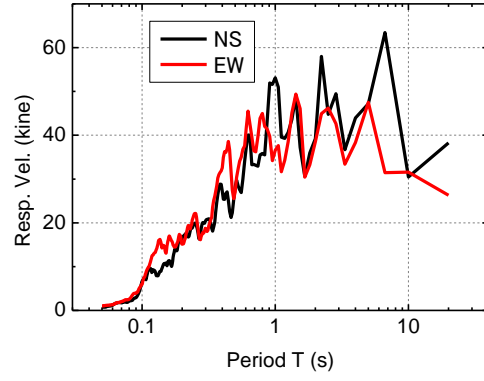
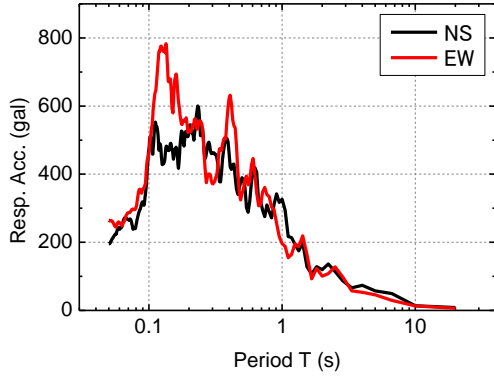
CHB007(佐倉)



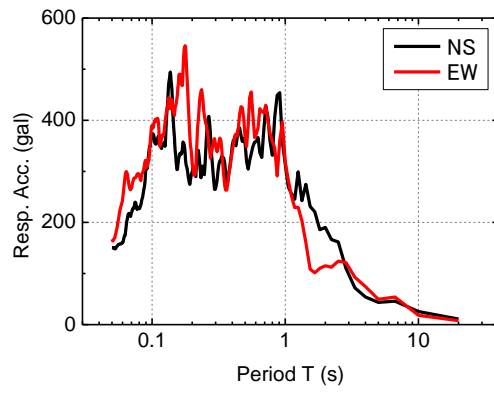
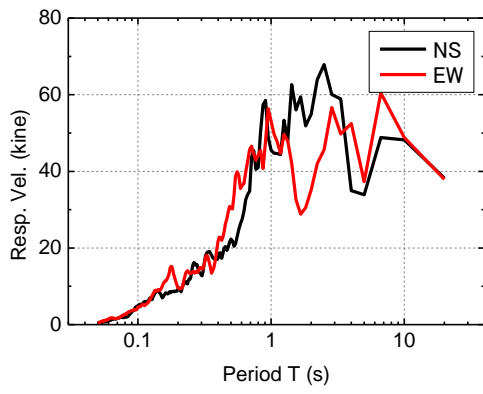
CHB008(浦安)



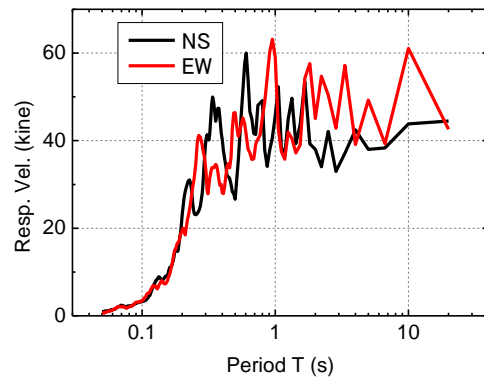
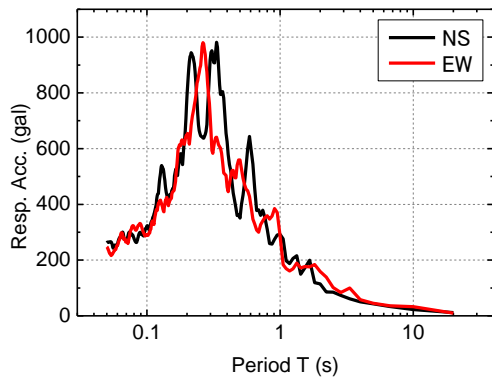
CHB009(千葉)



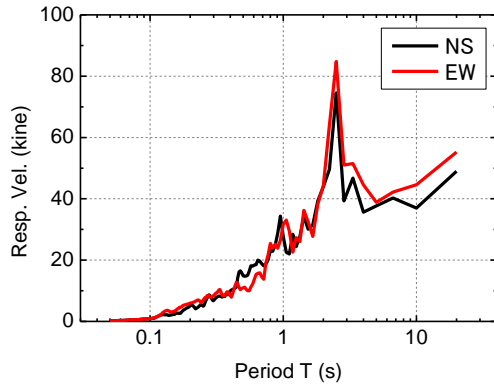
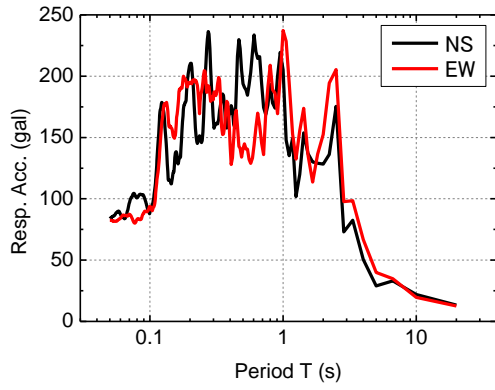
CHB010(八日市場)



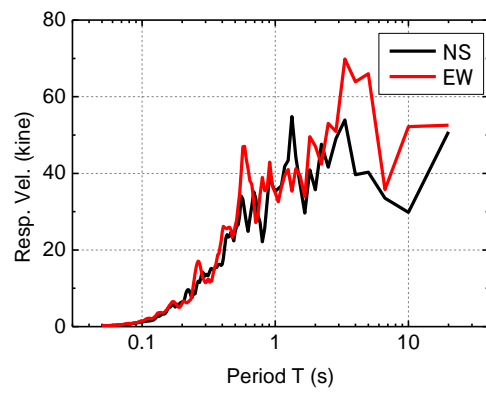
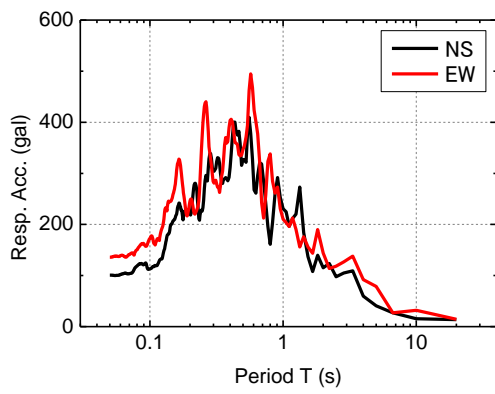
CHB011(蓮沼)



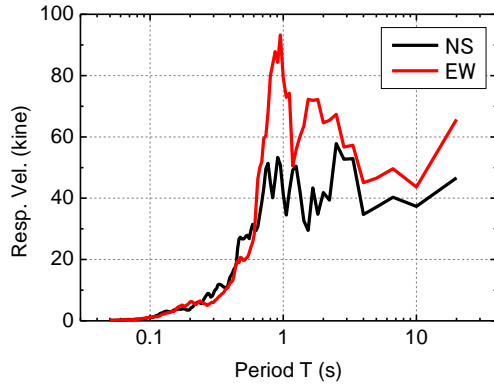
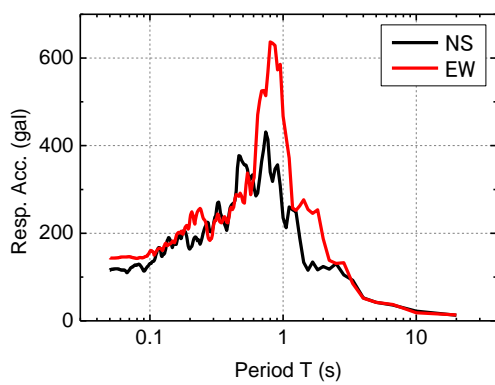
CHB012(東金)



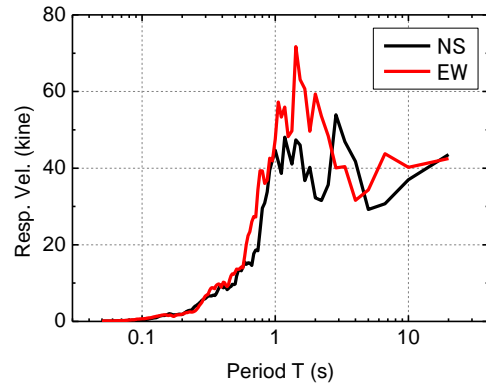
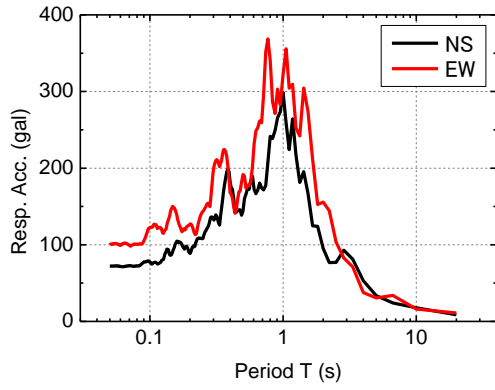
CHB013(茂原)



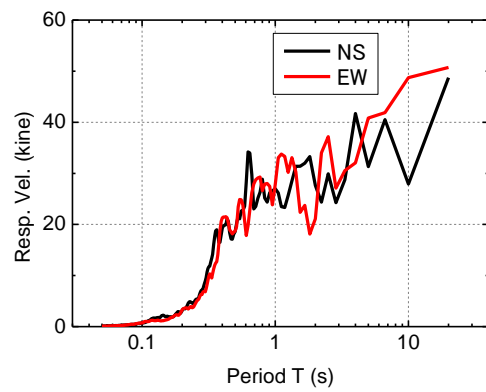
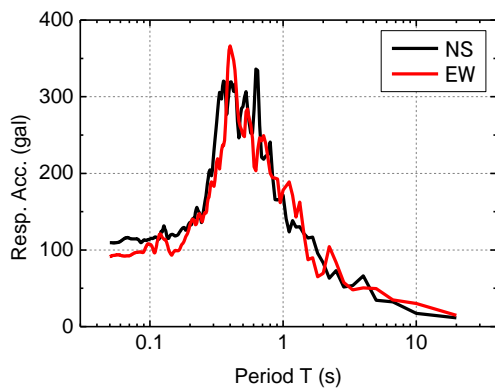
CHB014(姉崎)



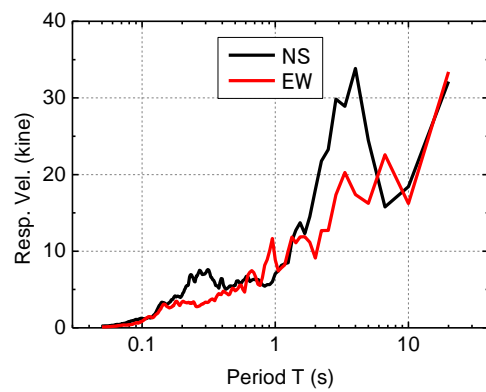
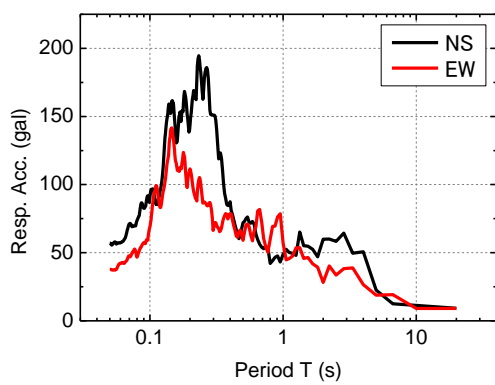
CHB015(木更津)



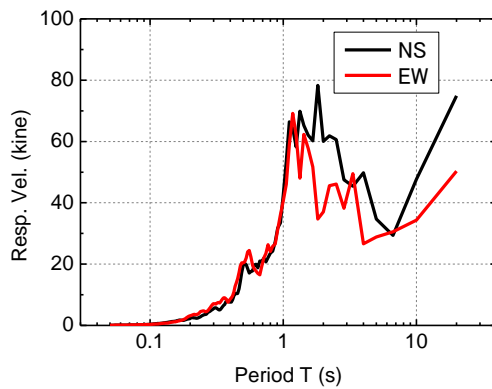
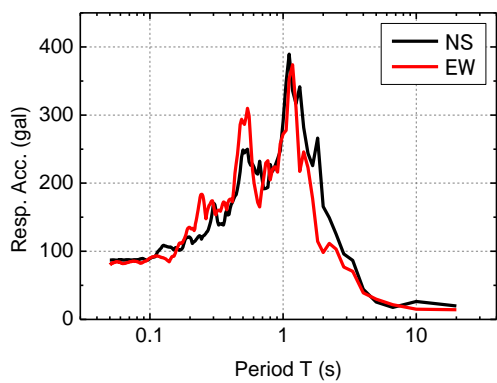
CHB016(山岬)



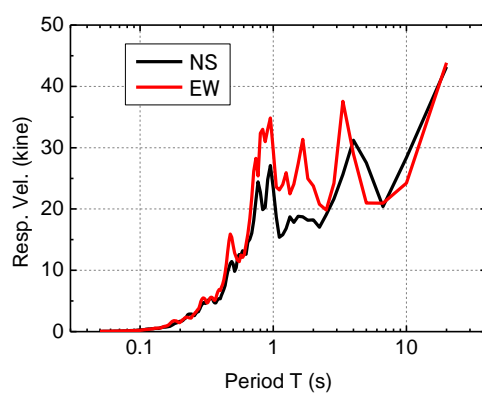
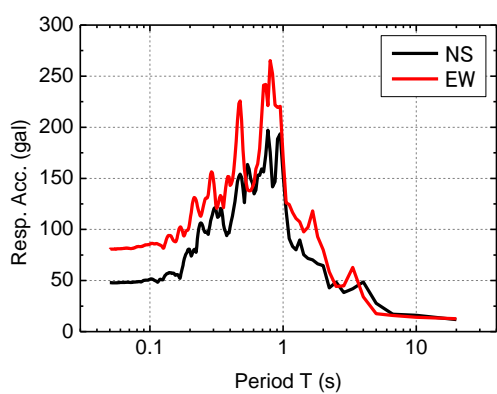
CHB017(市場)



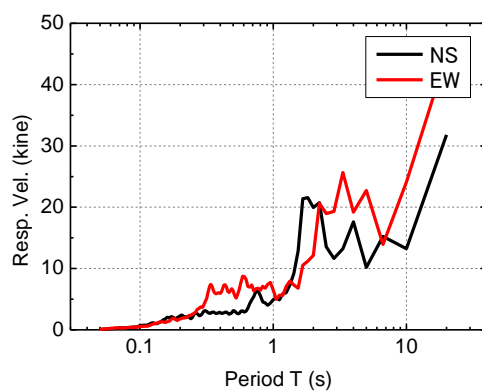
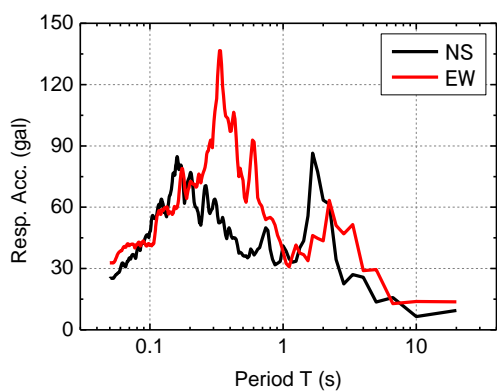
CHB018(勝浦)



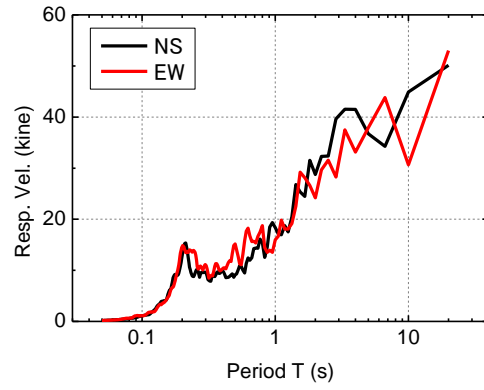
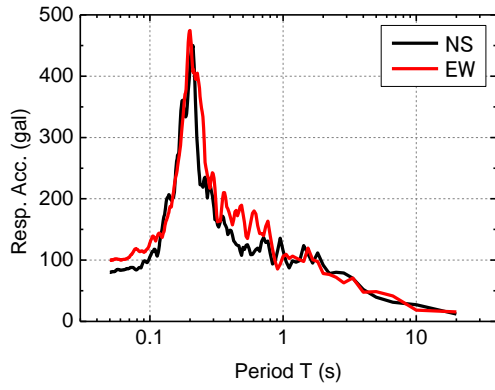
CHB019(鋸南)



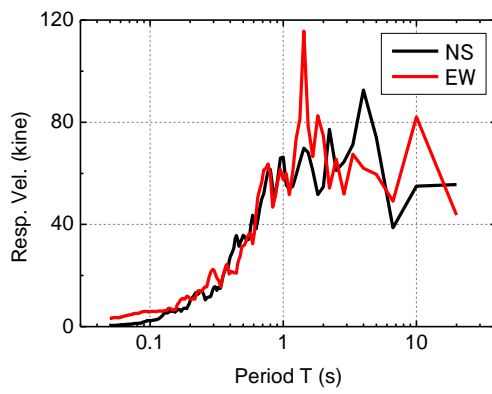
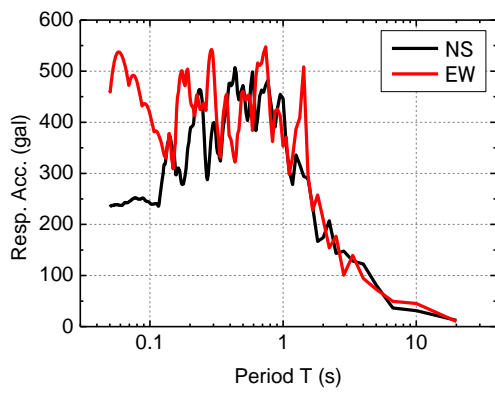
CHB020(鴨川)



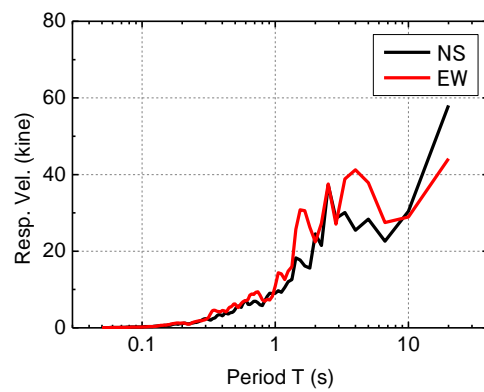
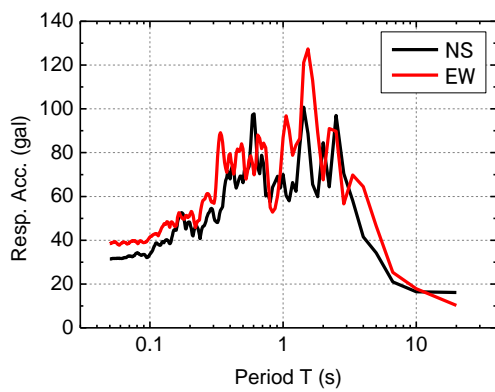
CHB021(白浜)



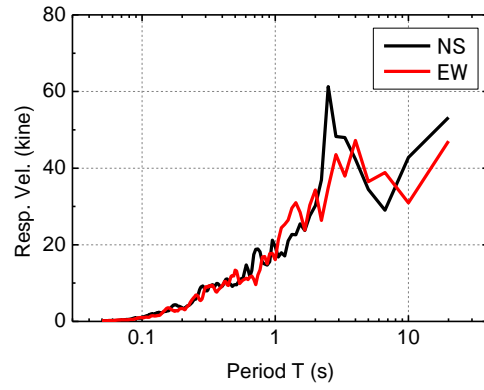
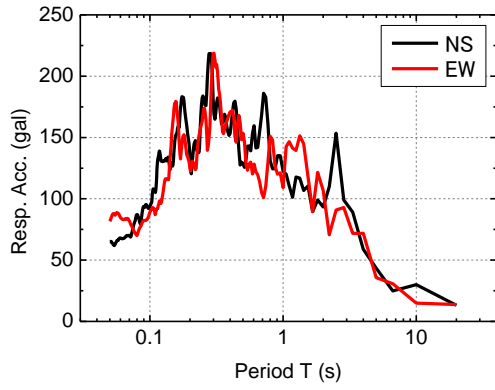
CHB022(富津)



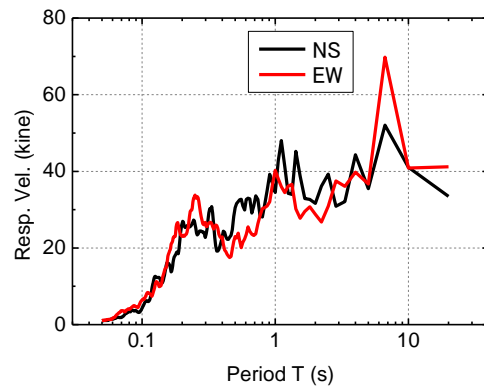
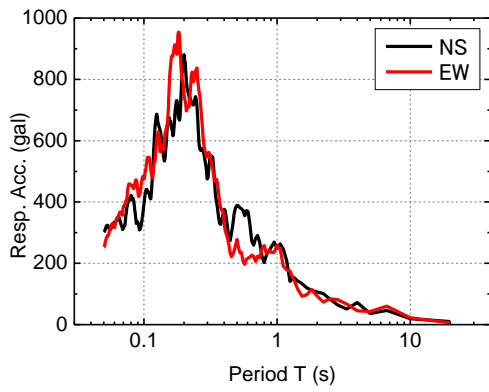
CHB024(稲毛)



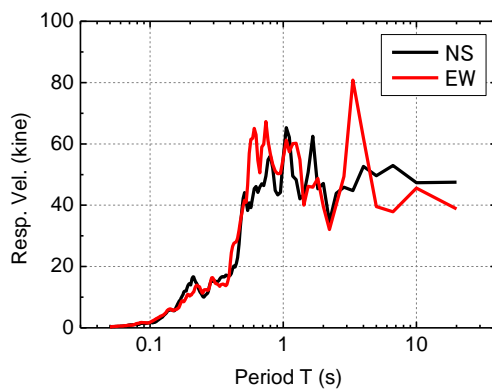
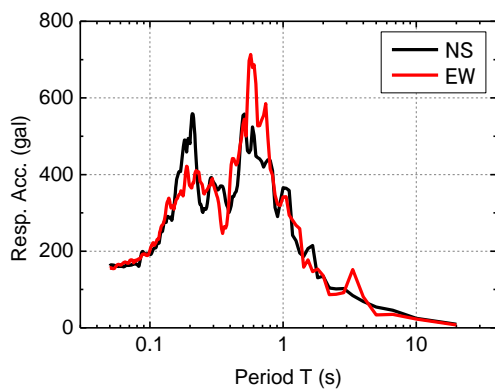
CHB025(千倉)



CHB026(長南)

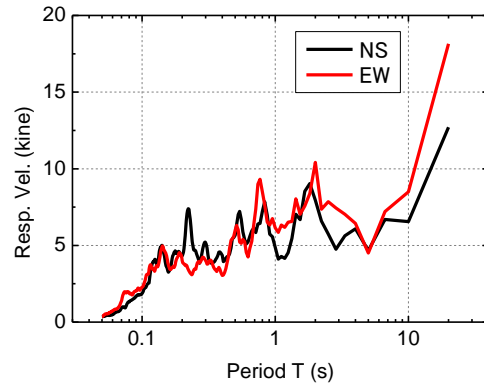
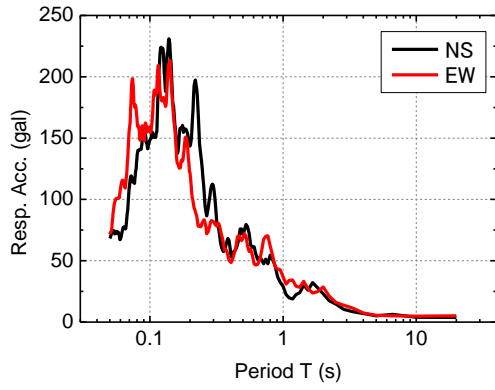


CHB028(市川北)

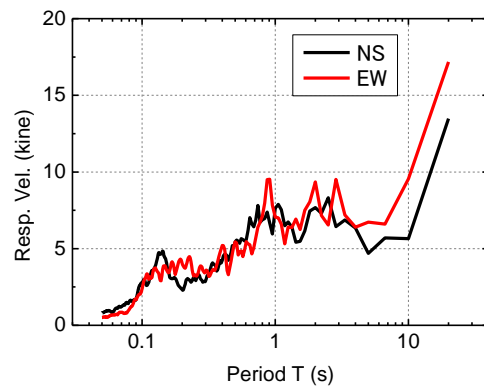
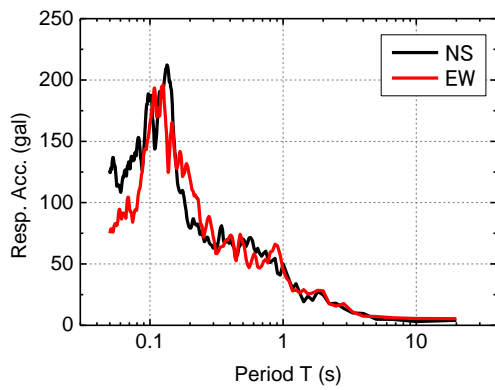


CHB029(行徳)

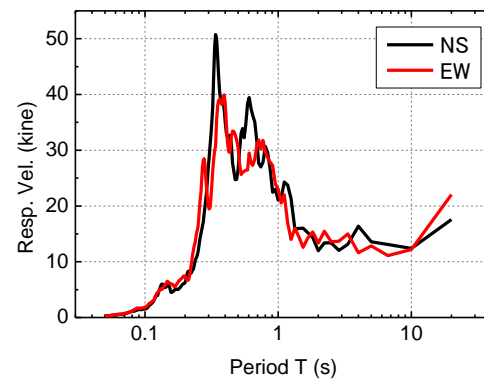
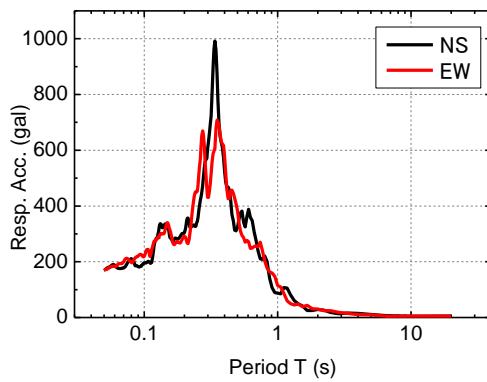
東京



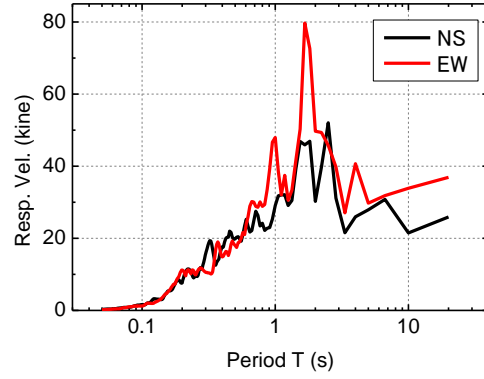
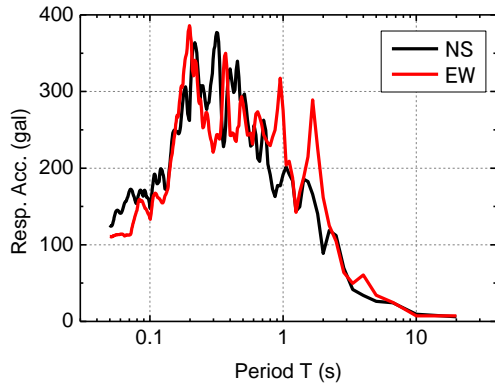
TKY001(氷川)



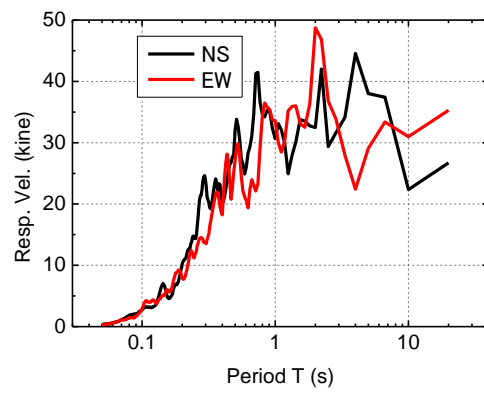
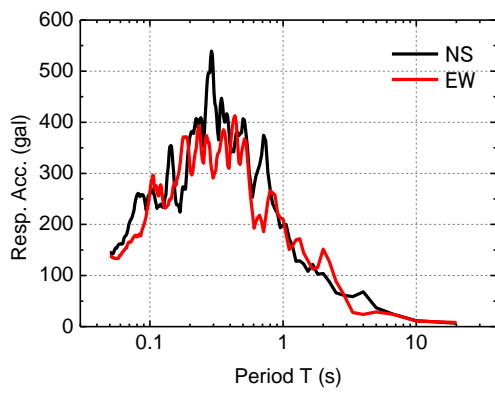
TKY002(松原)



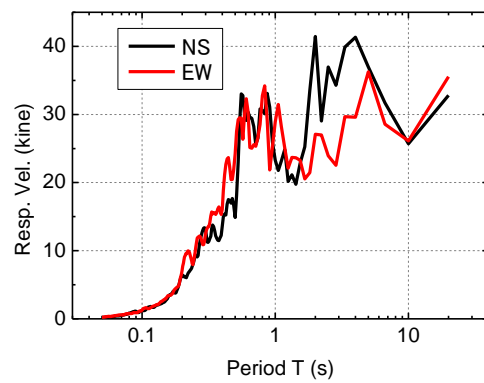
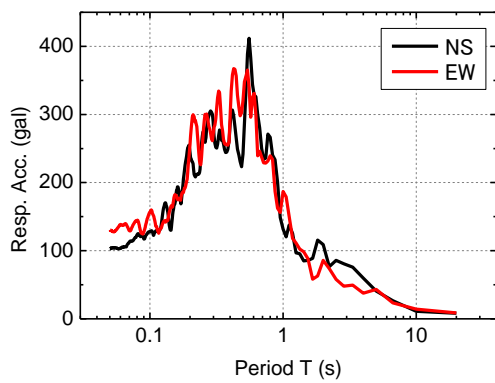
TKY003(青梅)



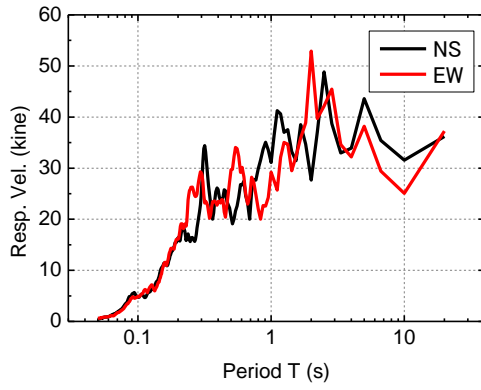
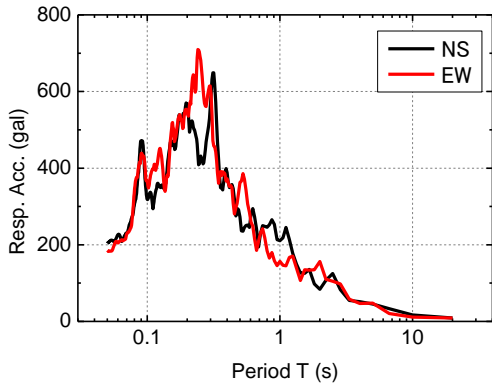
TKY004(八王子)



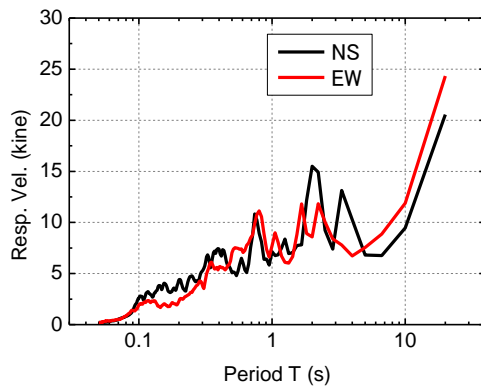
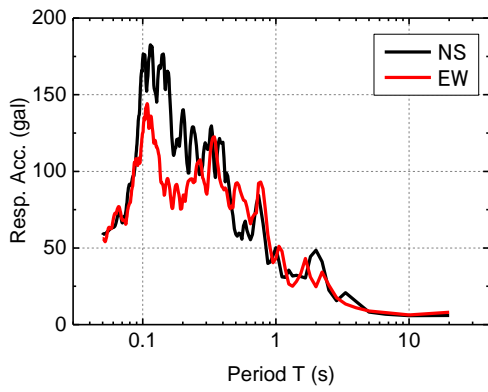
TKY005(町田)



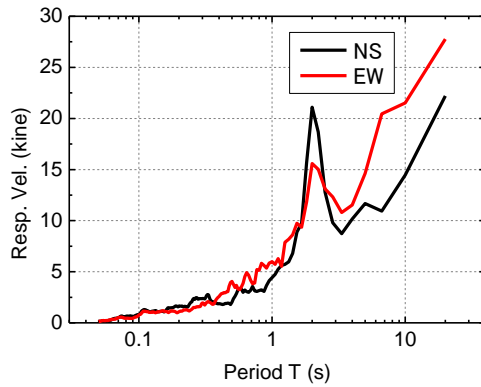
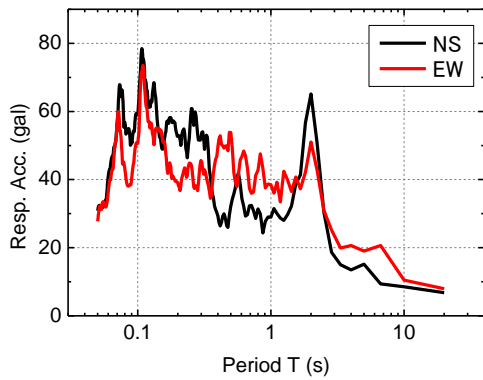
TKY006(小金井)



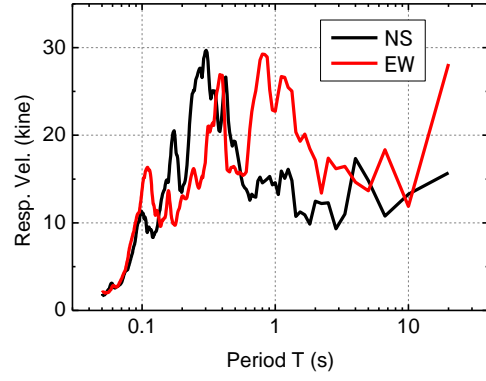
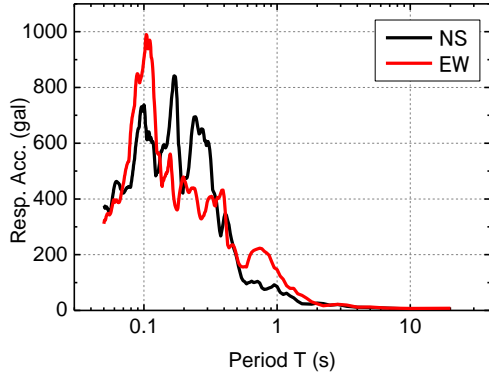
TKY007(新宿)



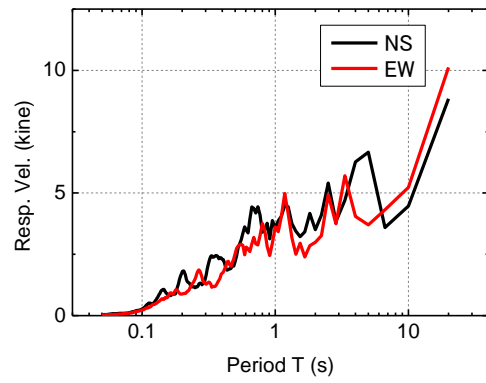
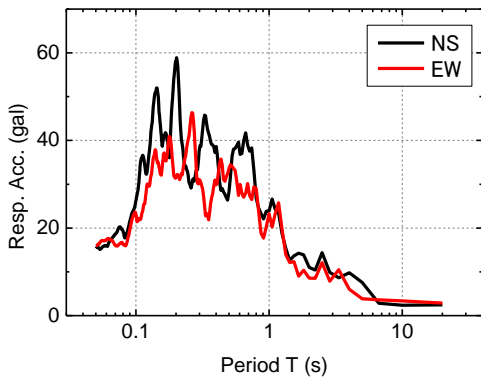
TKY008(岡田)



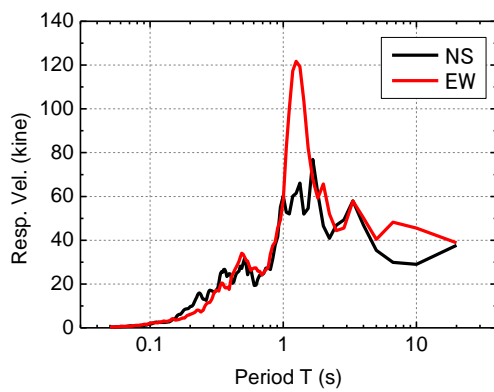
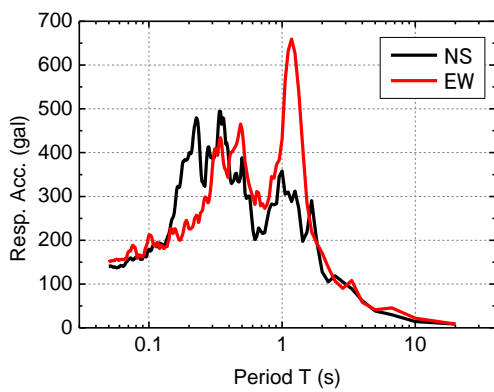
TKY009(波浮港)



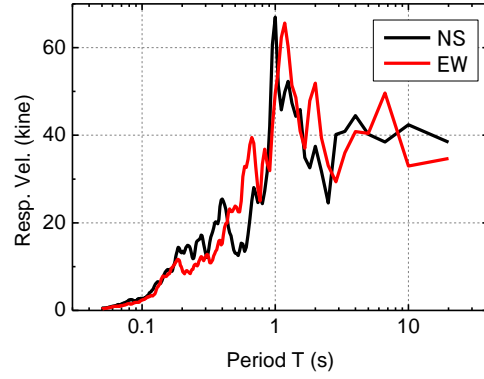
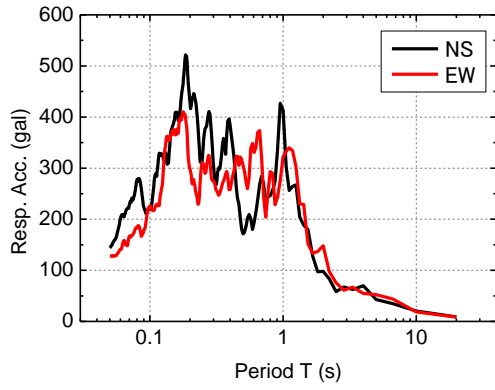
TKY010(新島)



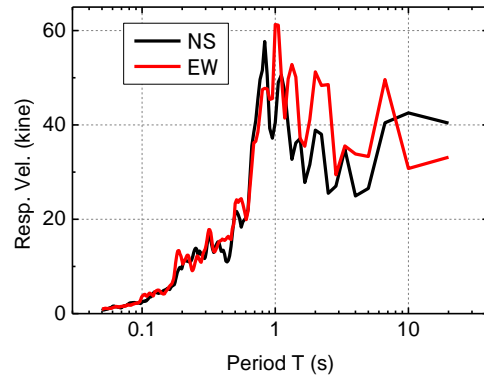
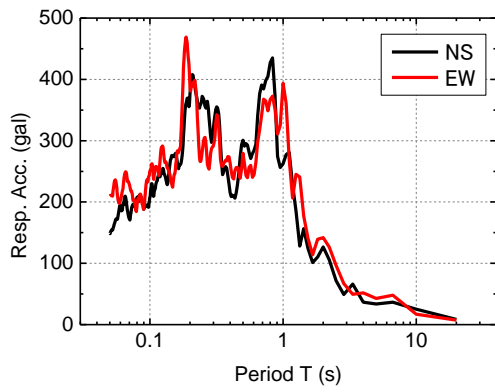
TKY012(八丈)



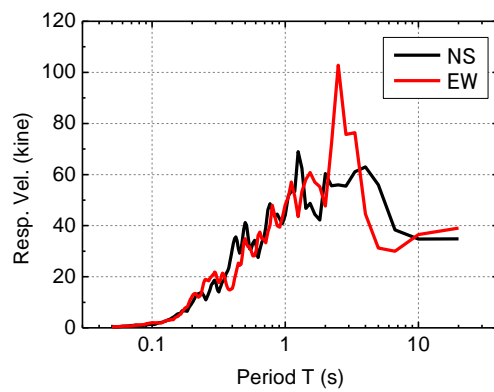
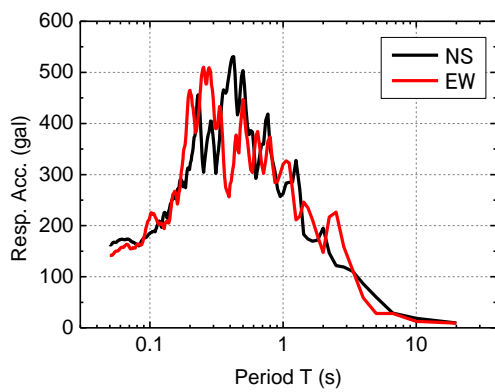
TKY013(砂町)



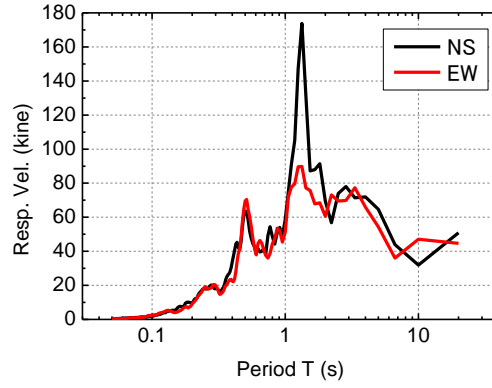
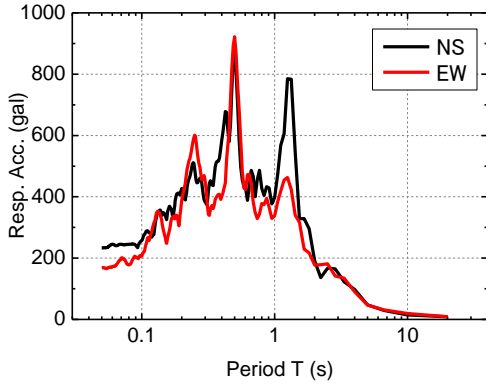
TKY014(龜戸)



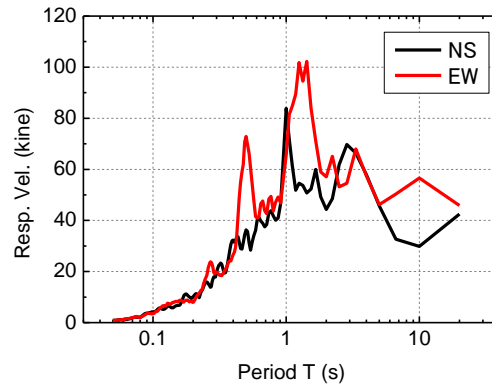
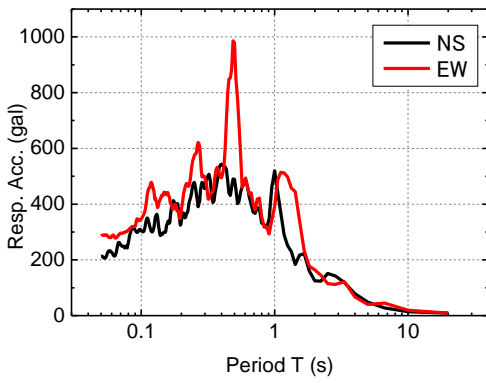
TKY015(東白鬚)



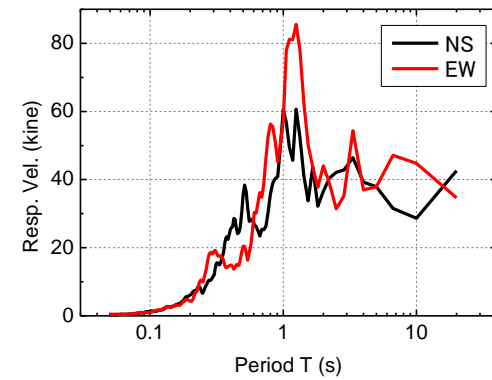
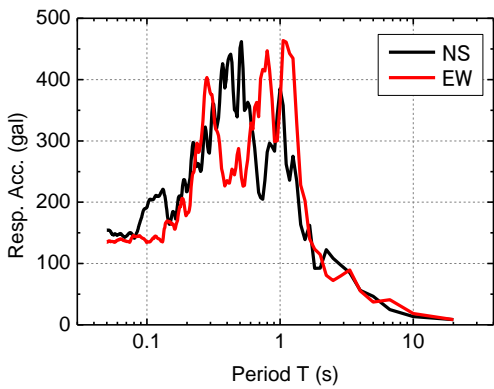
TKY016(東雲)



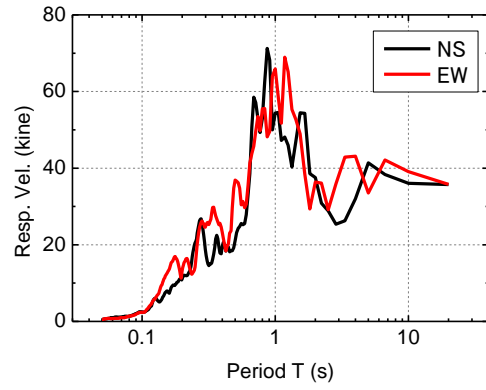
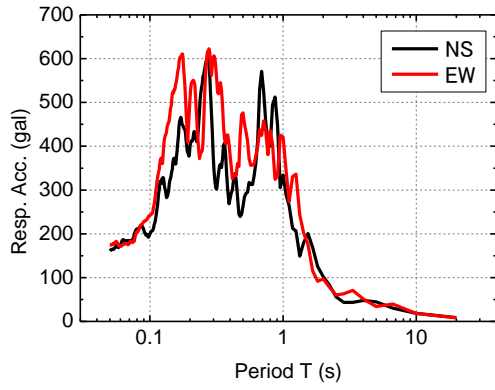
TKY017(辰巳)



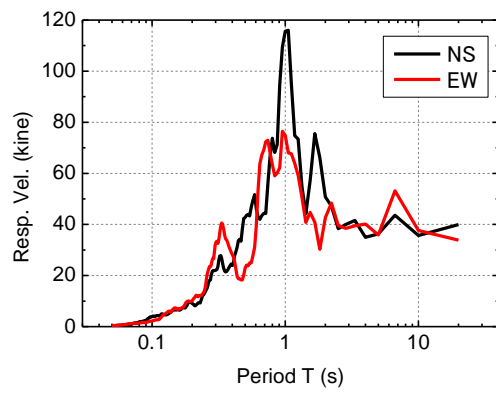
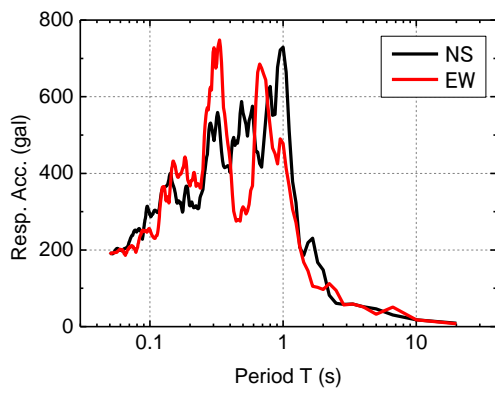
TKY018(八枝)



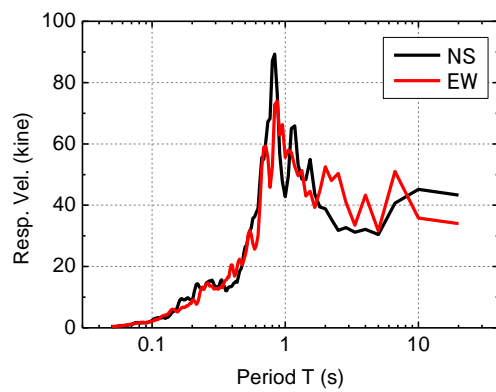
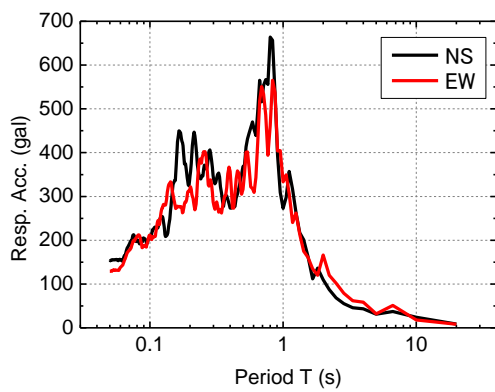
TKY020(塩浜)



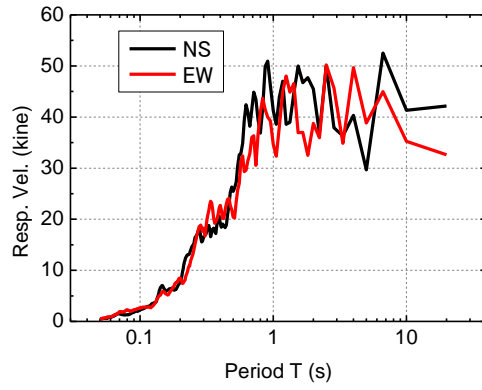
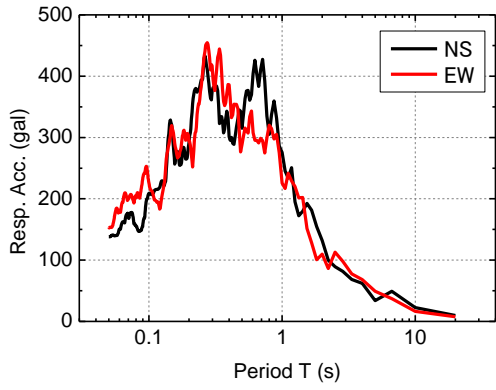
TKY021(猿江)



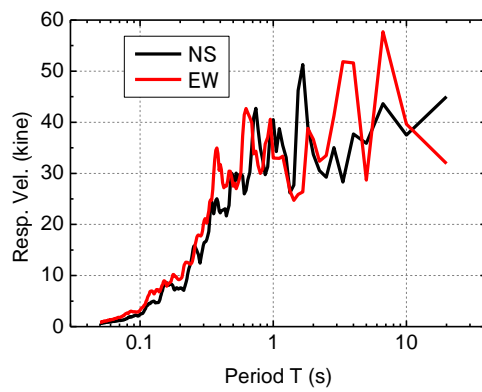
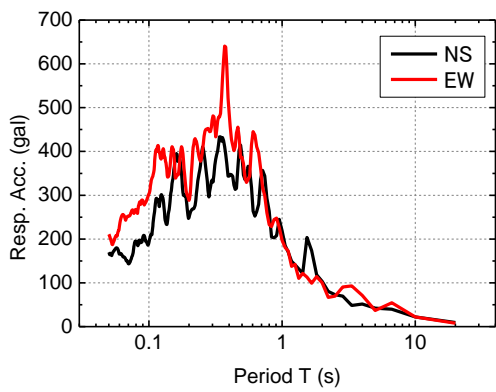
TKY022(横網)



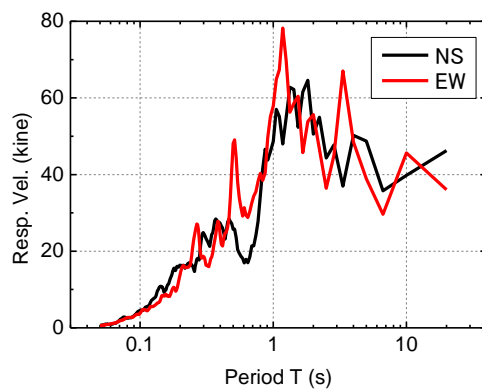
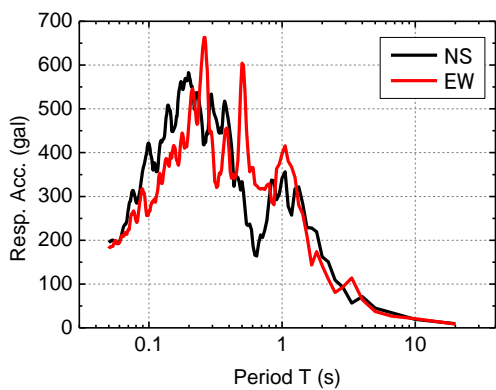
TKY023(八広)



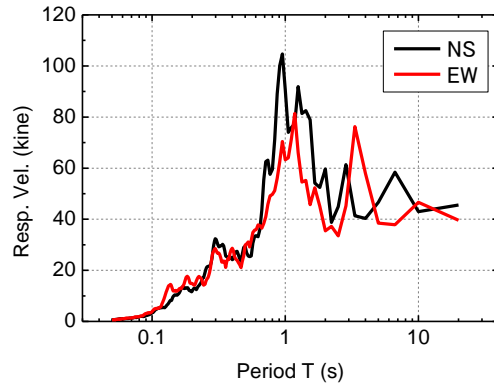
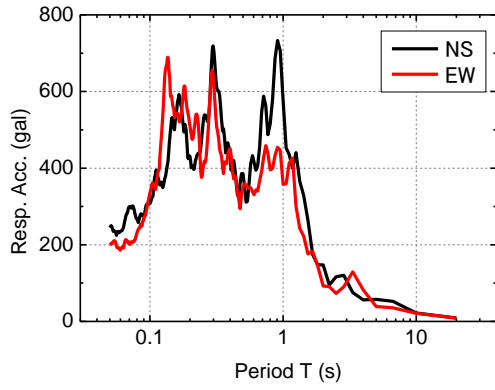
TKY024(奥戸)



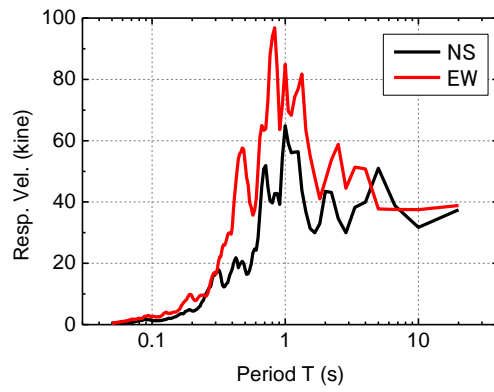
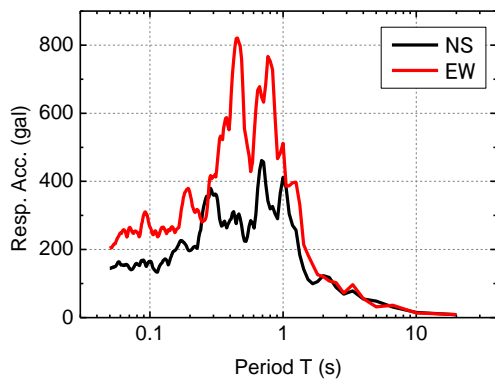
TKY025(篠崎)



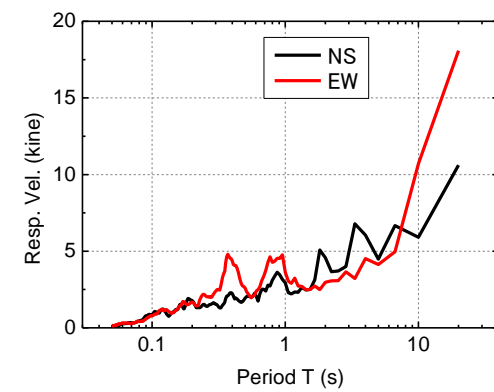
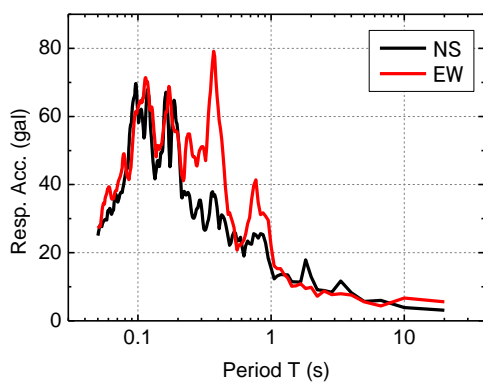
TKY026(宇喜田)



TKY027(瑞江)

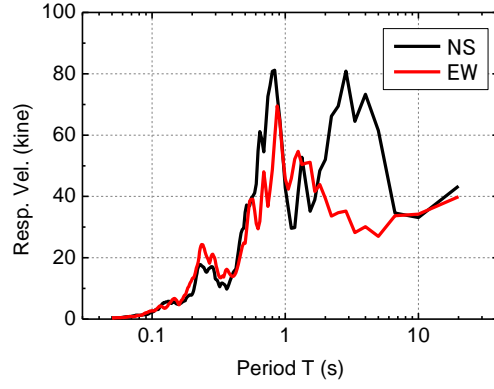
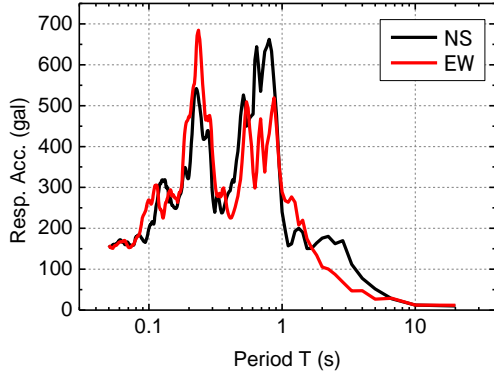


TKY028(超中島)

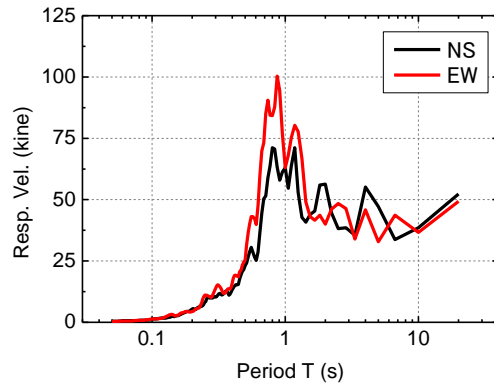
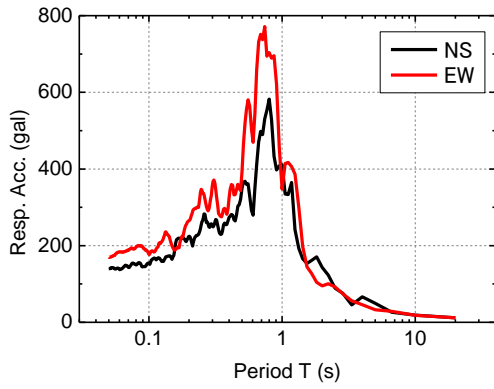


TKY029(三宅)

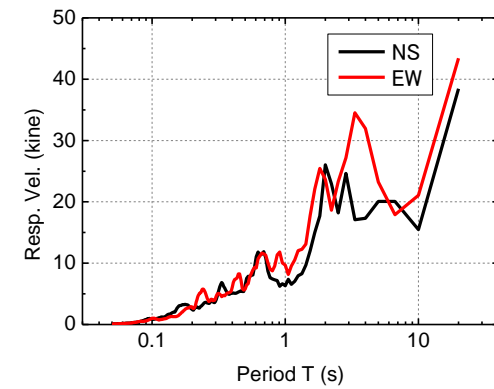
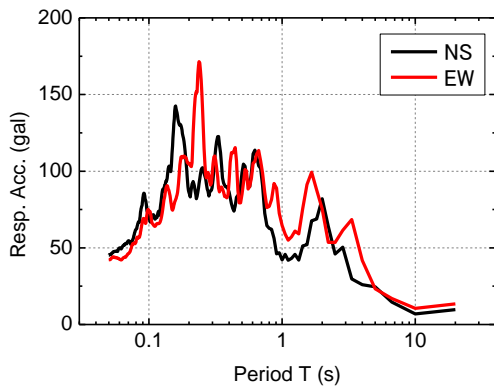
神奈川



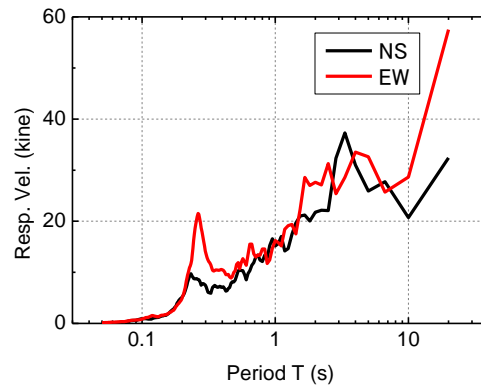
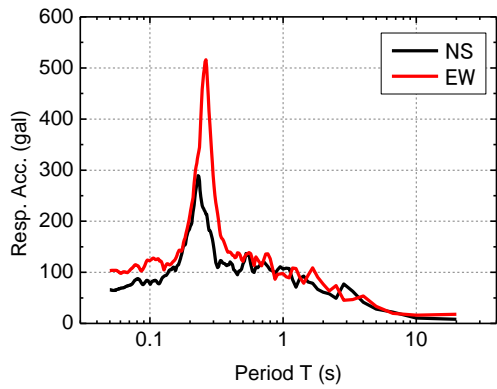
KNG001(川崎)



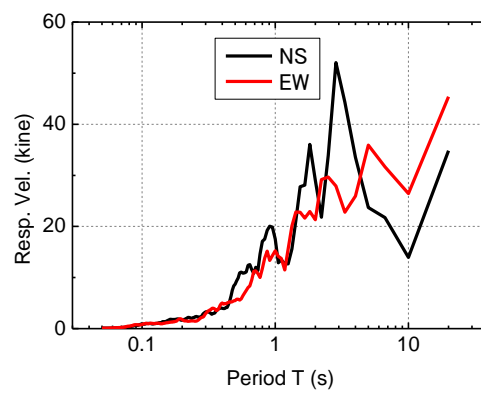
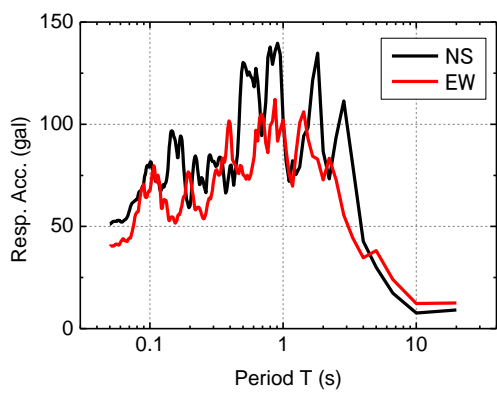
KNG002(横浜)



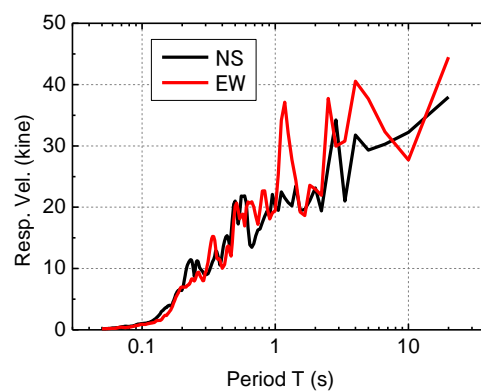
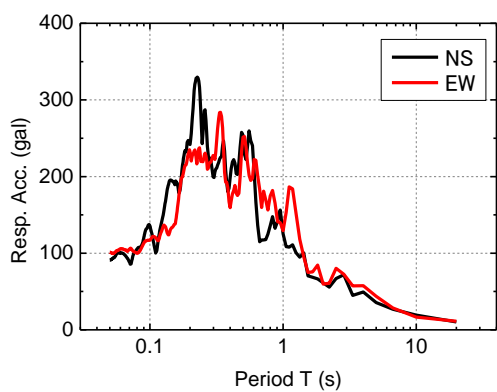
KNG003(横須賀)



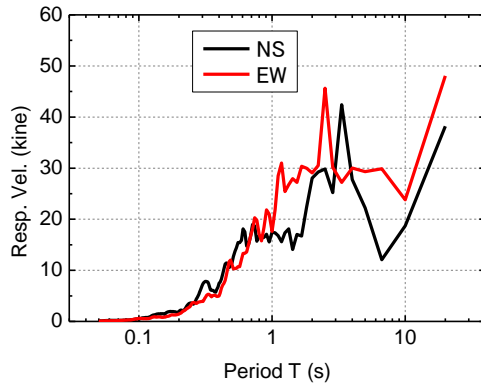
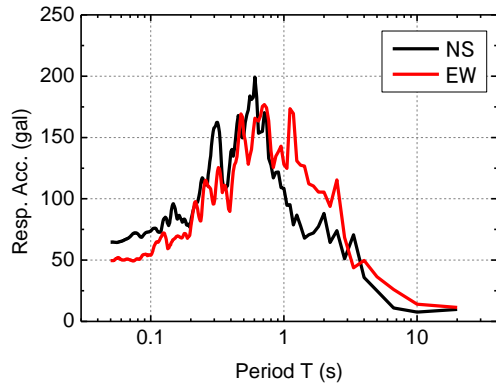
KNG004(三崎)



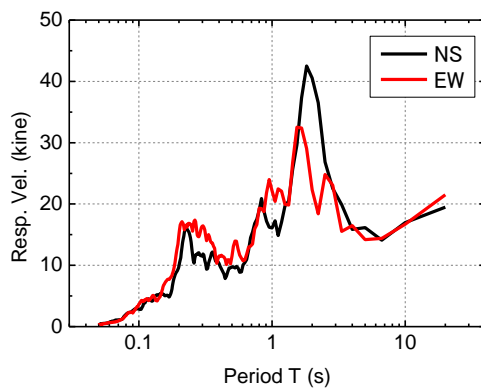
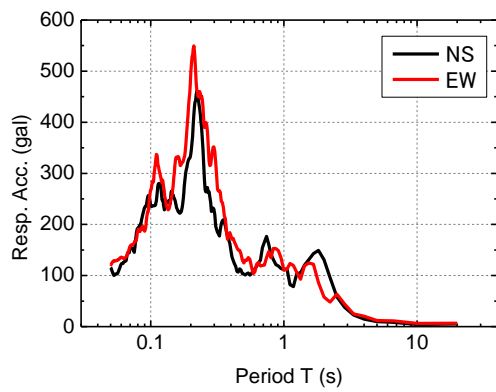
KNG005(鎌倉)



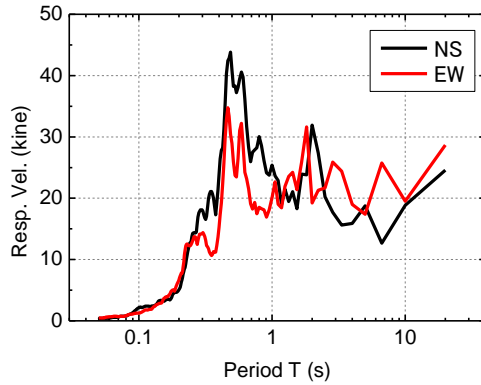
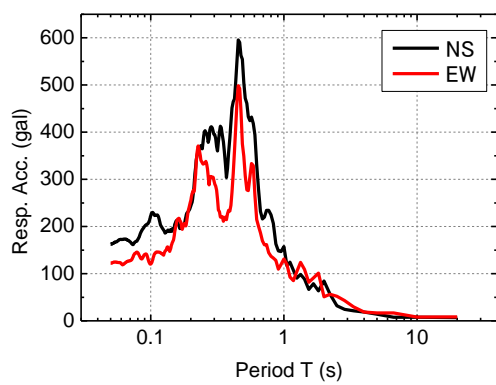
KNG006(二俣川)



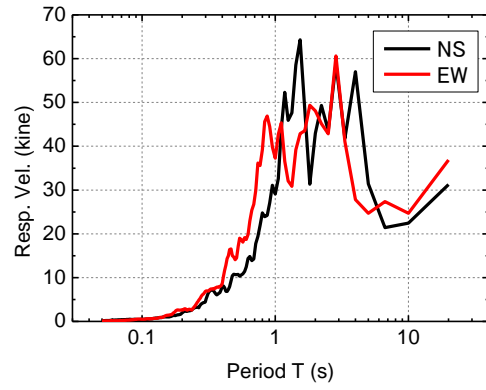
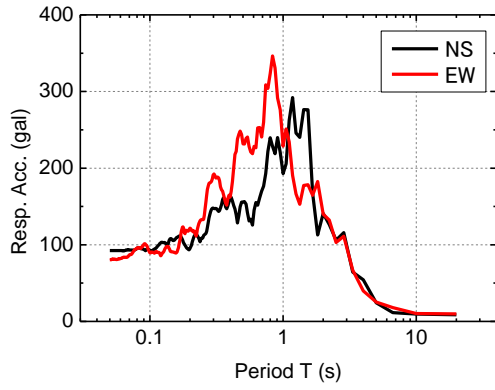
KNG007(藤沢)



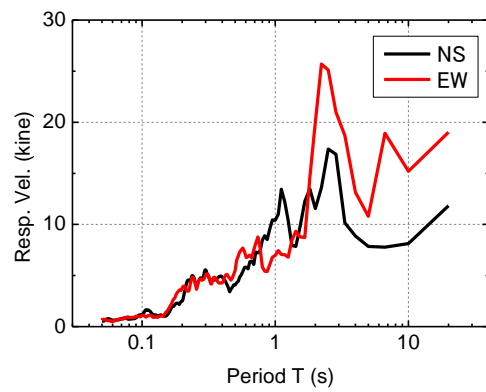
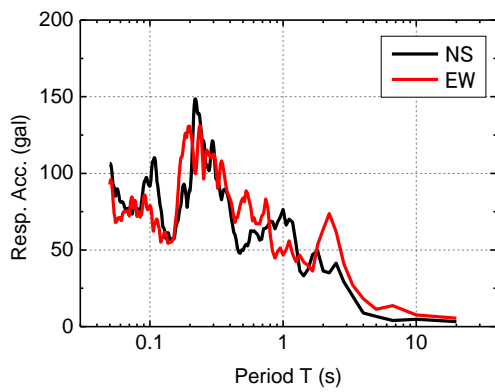
KNG008(相模原)



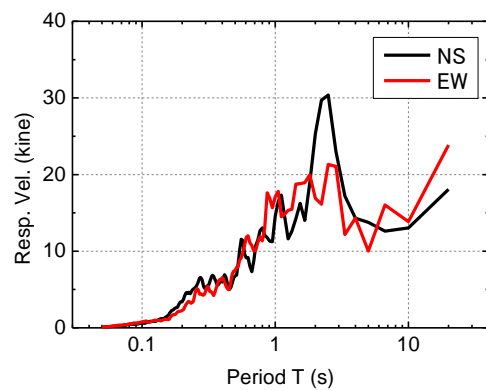
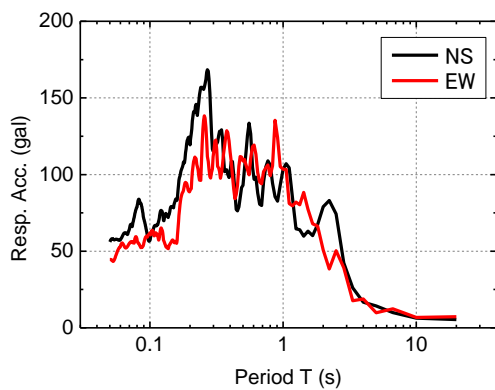
KNG009(厚木)



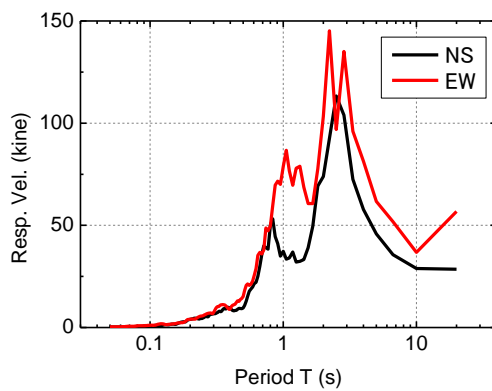
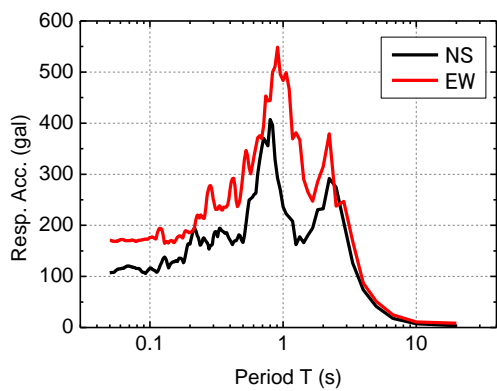
KNG010(平塚)



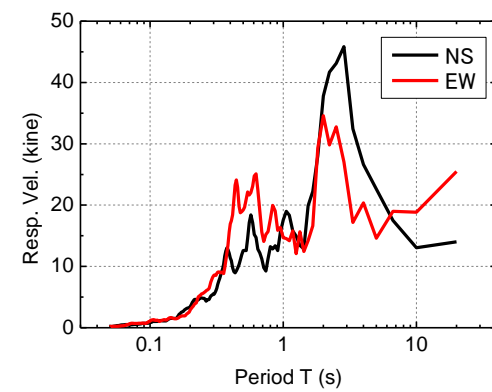
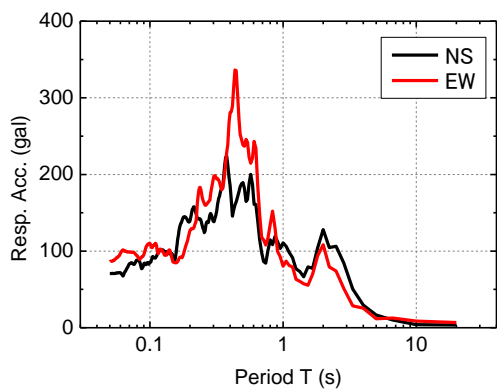
KNG011(藤野)



KNG012(秦野)



KNG013(小田原)



KNG014(山北)