KNN - 25 weights='distance'

```
relative_config: [ 0.624747,0.328401,0.911286,0.948460,-0.090436,0.319015,0.448124 ]
grasp mode: 2
release_mode: 3
relative config: [ 0.624747,0.328401,0.911286,0.948460,-0.090436,0.319015,0.448124 ]
grasp_mode: 2
release_mode: 3
relative config: [ 0.667499,0.085940,1.021210,0.024065,0.984514,0.114836,0.130255 ]
grasp mode: 2
release mode: 3
relative config: [ 0.637244,-0.024952,0.946983,0.901815,0.090126,0.246658,-0.343171 ]
grasp mode: 2
release mode: 3
relative config: [ 0.678038,0.075401,1.021210,0.006618,0.984786,0.133769,0.110722 ]
grasp mode: 2
release_mode: 3
relative_config: [ 0.705095,0.299157,0.977798,-0.447829,1.144713,-0.438616,-0.088171 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.705095,0.299157,0.977798,-0.447829,1.144713,-0.438616,-0.088171 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.695404,0.354118,0.911286,0.807885,-0.421207,0.320485,0.417118 ]
grasp_mode: 2
release mode: 3
relative config: [ 0.695404,0.354118,0.911286,0.807885,-0.421207,0.320485,0.417118 ]
grasp_mode: 2
release_mode: 3
relative config: [ 0.884006,0.320863,0.871791,-0.046611,0.819064,-0.418359,-0.393650 ]
grasp_mode: 2
release mode: 3
```

SVR - Gaussian

```
relative_config: [ 0.921602,0.107646,0.946983,0.029995,0.905811,0.059572,-0.418399 ]
grasp_mode: 2
release_mode: 3
relative config: [ 0.624747,0.328401,0.911286,0.836516,0.224144,0.129410,0.482963 ]
grasp_mode: 2
release_mode: 3
relative config: [ 0.658950,0.344351,0.911286,1.011015,-0.263313,0.342496,0.496513 ]
grasp mode: 2
release mode: 3
relative config: [ 0.658950,0.344351,0.911286,1.011015,-0.263313,0.342496,0.496513 ]
grasp_mode: 2
release mode: 3
relative config: [ 0.658950,0.344351,0.911286,0.990801,-0.258048,0.335648,0.486586 ]
grasp mode: 2
release mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.990801,-0.258048,0.335648,0.486586 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.930147,-0.242251,0.315101,0.456798 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.930147,-0.242251,0.315101,0.456798 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.861279,-0.090545,0.219197,0.449392 ]
grasp mode: 2
release_mode: 3
relative config: [ 0.658950,0.344351,0.911286,0.796026,-0.341090,0.342240,0.364516 ]
grasp_mode: 2
release_mode: 3
```

LinearSVR

```
relative config: [0.733000,-0.094022,0.871791,0.163039,0.802763,0.562101,-0.114161]
grasp_mode: 2
release_mode: 3
relative config: [0.773794,0.372255,0.871791,0.796896,0.189650,-0.227671,0.526456]
grasp_mode: 2
release mode: 3
relative_config: [ 0.773794,0.372255,0.871791,0.816035,-0.071394,-0.049990,0.571394 ]
grasp mode: 2
release_mode: 3
relative_config: [ 0.773794,0.372255,0.871791,0.071394,0.816035,-0.571394,-0.049990 ]
grasp mode: 2
release mode: 3
relative config: [0.775753,0.383363,0.829698,0.763129,-0.066765,-0.056023,0.640342]
grasp mode: 2
release mode: 3
relative_config: [ 0.733000,-0.094022,0.871791,0.055618,0.817262,0.572253,-0.038944 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.695404,0.354118,0.911286,0.512787,0.983537,-0.507809,0.390165 ]
grasp_mode: 2
release mode: 3
relative config: [0.695404,0.354118,0.911286,0.512787,0.983537,-0.507809,0.390165]
grasp mode: 2
release mode: 3
relative_config: [ 0.733000,-0.075605,0.911286,-0.055156,0.864267,0.498985,0.031844 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.695404,0.354118,0.911286,0.524101,1.005239,-0.519013,0.398774 ]
grasp_mode: 2
release_mode: 3
```

NuSVR

```
relative config: [0.921602,0.107646,0.946983,0.029995,0.905811,0.059572,-0.418399]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.624747,0.328401,0.911286,0.836516,0.224144,0.129410,0.482963 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.658950,0.344351,0.911286,1.011015,-0.263313,0.342496,0.496513 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.658950,0.344351,0.911286,1.011015,-0.263313,0.342496,0.496513 ]
grasp_mode: 2
release mode: 3
relative config: [ 0.658950,0.344351,0.911286,0.990801,-0.258048,0.335648,0.486586 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.990801,-0.258048,0.335648,0.486586 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.930147,-0.242251,0.315101,0.456798 ]
grasp_mode: 2
release_mode: 3
relative config: [0.658950,0.344351,0.911286,0.930147,-0.242251,0.315101,0.456798]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.658950,0.344351,0.911286,0.861279,-0.090545,0.219197,0.449392 ]
grasp_mode: 2
release mode: 3
relative config: [ 0.658950,0.344351,0.911286,0.796026,-0.341090,0.342240,0.364516 ]
grasp_mode: 2
release_mode: 3
```

Bayesian Ridge

```
relative config: [ 0.689588,-0.105301,0.786286,0.643811,0.292416,0.399770,-0.583253 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.689588,-0.105301,0.786286,-0.454519,0.541675,0.454519,0.541675 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.733000,-0.109099,0.786286,-0.500000,0.500000,0.500000,0.500000 ]
grasp_mode: 2
release mode: 3
relative_config: [ 0.733000,-0.105301,0.829698,-0.381167,0.664481,0.557566,0.319837 ]
grasp_mode: 2
release mode: 3
relative config: [0.733000,0.390901,0.786286,0.500000,0.500000,-0.500000,0.500000]
grasp_mode: 2
release mode: 3
relative_config: [ 0.776412,0.387103,0.786286,-0.541675,-0.454519,0.541675,-0.454519 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.776412,0.387103,0.786286,-0.399770,-0.583253,0.643811,-0.292416 ]
grasp_mode: 2
release_mode: 3
relative config: [0.733000,-0.109099,0.786286,-0.500000,-0.500000,-0.500000,0.500000]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.690247,-0.101560,0.829698,0.672033,0.367689,0.401761,-0.501761 ]
grasp_mode: 2
release mode: 3
relative config: [0.733000,-0.109099,0.786286,-0.579228,-0.405580,-0.405580,0.579228]
grasp_mode: 2
release_mode: 3
```

Ridge

```
relative config: [ 0.689588,-0.105301,0.786286,-0.454519,0.541675,0.454519,0.541675 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.689588,-0.105301,0.786286,0.643811,0.292416,0.399770,-0.583253 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.733000,-0.109099,0.786286,-0.500000,0.500000,0.500000,0.500000 ]
grasp_mode: 2
release mode: 3
relative config: [ 0.733000,0.390901,0.786286,0.500000,0.500000,-0.500000,0.500000 ]
grasp_mode: 2
release mode: 3
relative config: [0.776412,0.387103,0.786286,-0.541675,-0.454519,0.541675,-0.454519]
grasp_mode: 2
release mode: 3
relative_config: [ 0.733000,-0.105301,0.829698,-0.381167,0.664481,0.557566,0.319837 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.776412,0.387103,0.786286,-0.399770,-0.583253,0.643811,-0.292416 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.733000,-0.109099,0.786286,-0.500000,-0.500000,-0.500000,0.500000 ]
grasp_mode: 2
release_mode: 3
relative_config: [ 0.690247,-0.101560,0.829698,0.672033,0.367689,0.401761,-0.501761 ]
grasp_mode: 2
release mode: 3
relative config: [0.733000,-0.109099,0.786286,-0.579228,-0.405580,-0.405580,0.579228]
grasp_mode: 2
release_mode: 3
```

<u>Lasso</u>

```
relative_config: [ 0.689588,-0.105301,0.786286,-0.454519,0.541675,0.454519,0.541675 ]
 grasp_mode: 2
 release_mode: 3
 relative config: [0.689588,-0.105301,0.786286,0.643811,0.292416,0.399770,-0.583253]
 grasp_mode: 2
 release mode: 3
 relative_config: [ 0.733000,-0.109099,0.786286,-0.500000,0.500000,0.500000,0.500000 ]
 grasp mode: 2
 release_mode: 3
 relative_config: [ 0.733000,0.390901,0.786286,0.500000,0.500000,-0.500000,0.500000 ]
 grasp mode: 2
 release mode: 3
 relative config: [0.776412,0.387103,0.786286,-0.541675,-0.454519,0.541675,-0.454519
1
 grasp mode: 2
 release_mode: 3
 relative_config: [ 0.733000,-0.105301,0.829698,-0.381167,0.664481,0.557566,0.319837 ]
 grasp_mode: 2
 release_mode: 3
 relative_config: [0.776412,0.387103,0.786286,-0.399770,-0.583253,0.643811,-0.292416
 grasp_mode: 2
 release_mode: 3
 relative config: [0.733000,-0.109099,0.786286,-0.500000,-0.500000,-0.500000,0.500000
1
 grasp_mode: 2
 release mode: 3
 relative_config: [ 0.690247,-0.101560,0.829698,0.672033,0.367689,0.401761,-0.501761 ]
 grasp_mode: 2
 release mode: 3
 relative_config: [ 0.733000,-0.109099,0.786286,-0.579228,-0.405580,-0.405580,0.579228
 grasp_mode: 2
```

release_mode: 3