

R Notebook

This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Cmd+Shift+Enter*.

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.6.2
```

```
library(dplyr)
```

```
## Warning: package 'dplyr' was built under R version 3.6.2
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
## filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## intersect, setdiff, setequal, union
```

```
library(reshape)
```

```
##
```

```
## Attaching package: 'reshape'
```

```
## The following object is masked from 'package:dplyr':
```

```
##
```

```
## rename
```

```
df_combined <- read.csv(file = "/Users/niharawarawita/Desktop/MSc Project/Data/combined_datasets.csv")
```

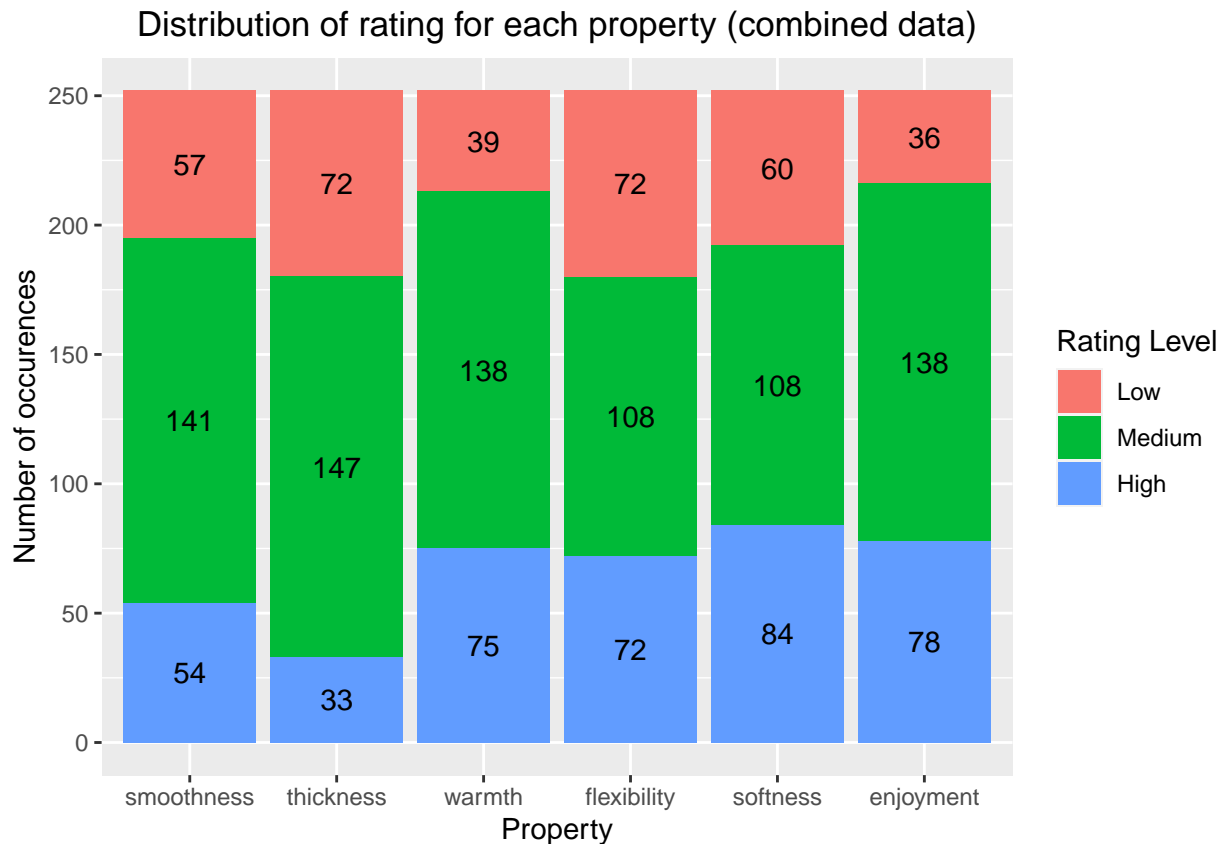
```
df1 <- read.csv(file = "/Users/niharawarawita/Desktop/MSc Project/Data/Lili_Experiment/combined_stats_1.csv")
```

```
df2 <- read.csv(file = "/Users/niharawarawita/Desktop/MSc Project/Data/EMG_data_collection/combined_stats_2.csv")
```

```
#str(df_combined)
df_combined$property_name <- factor(df_combined$property_name, levels=c('smoothness', 'thickness', 'warmth', 'flexibility', 'softness', 'enjoyment'))
df_combined$rating_level <- factor(df_combined$rating_level, levels=c('low', 'medium', 'high'))
df_combined$rating <- factor(df_combined$rating, levels=c(1,2,3,4,5,6,7))
#str(df_combined)
```

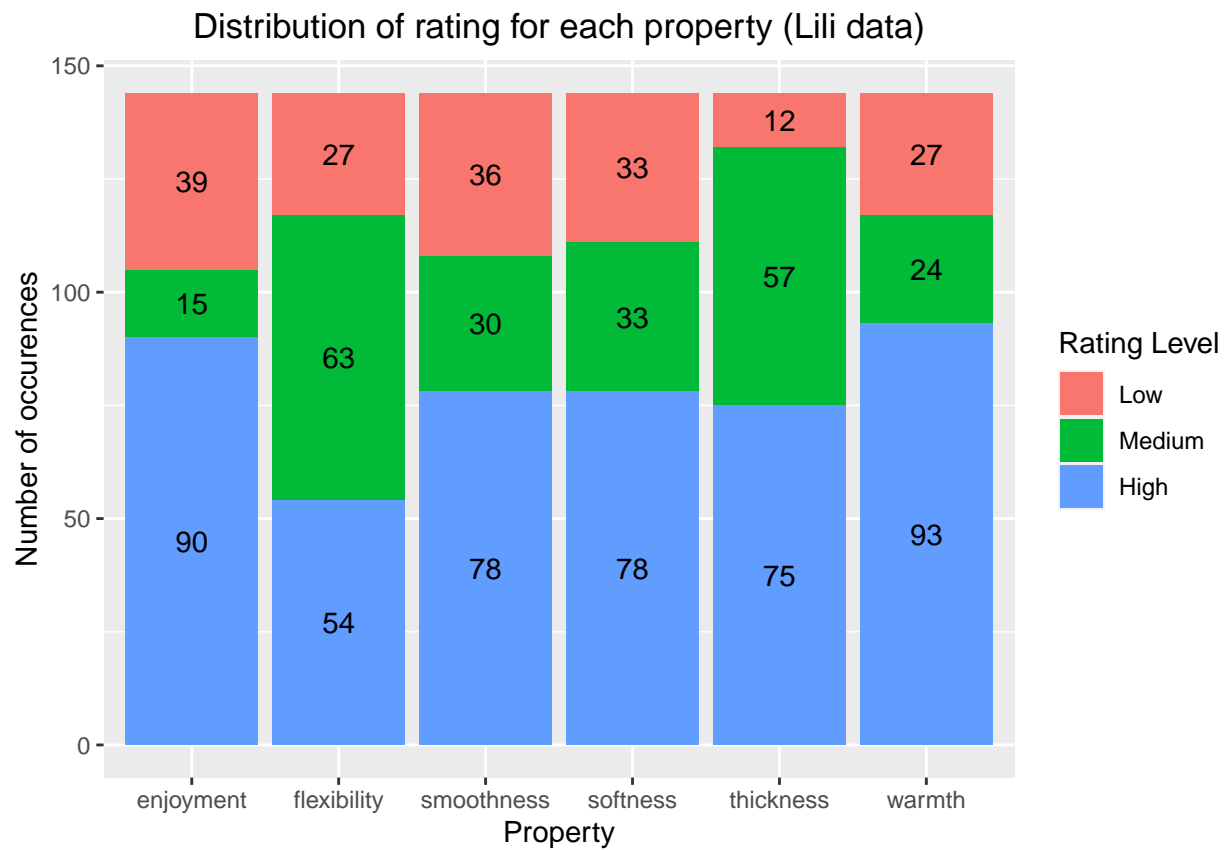
Ratings 1

```
plot1a <- ggplot(df_combined, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (combined data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
  geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot1a
```

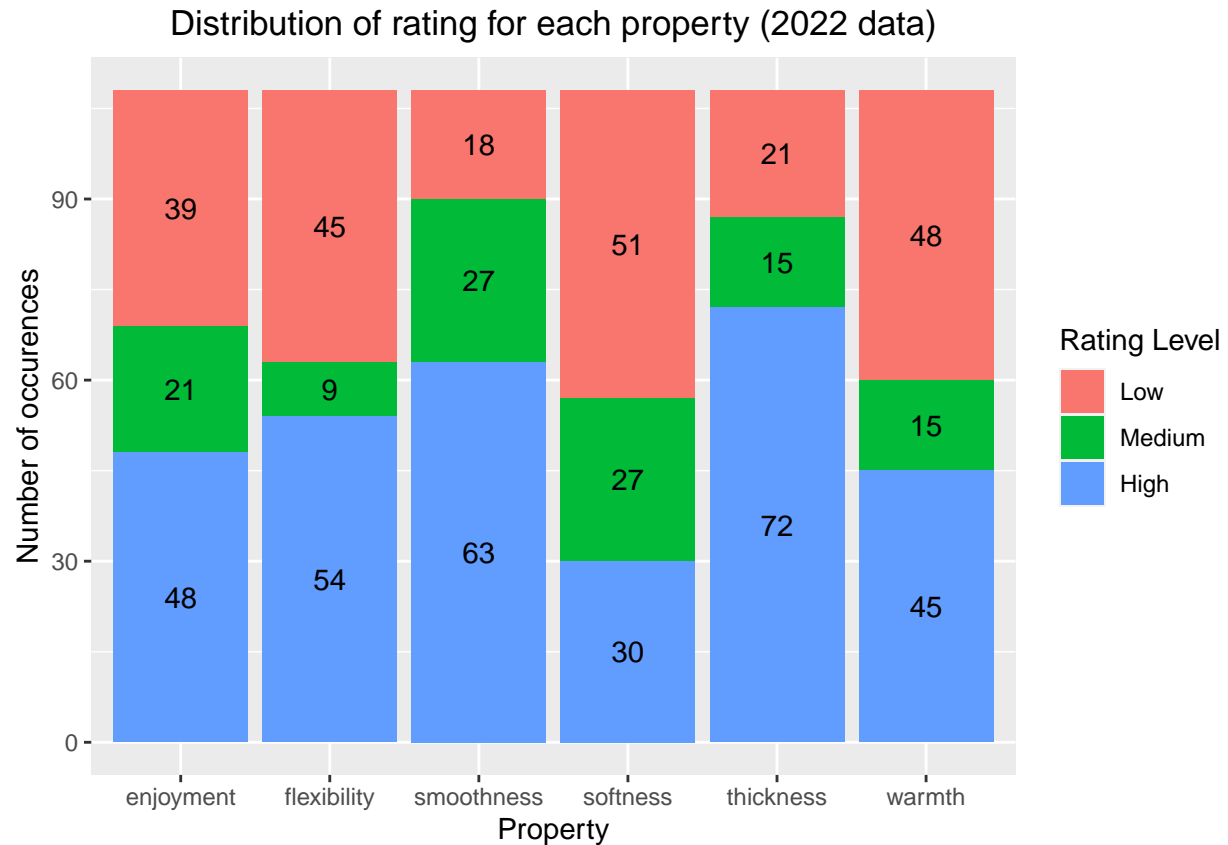


```
plot1b <- ggplot(df1, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (Lili data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
```

```
geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot1b
```



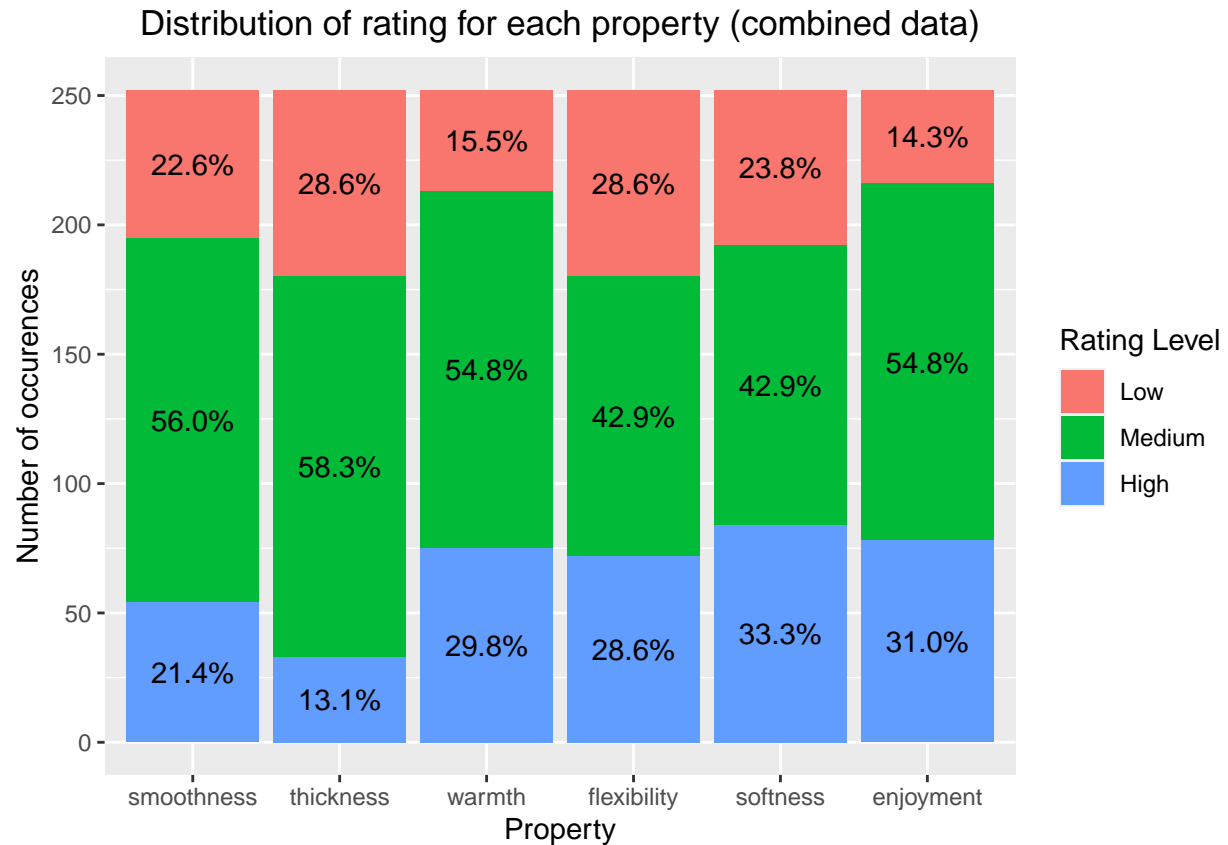
```
plot1c <- ggplot(df2, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (2022 data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
  geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot1c
```



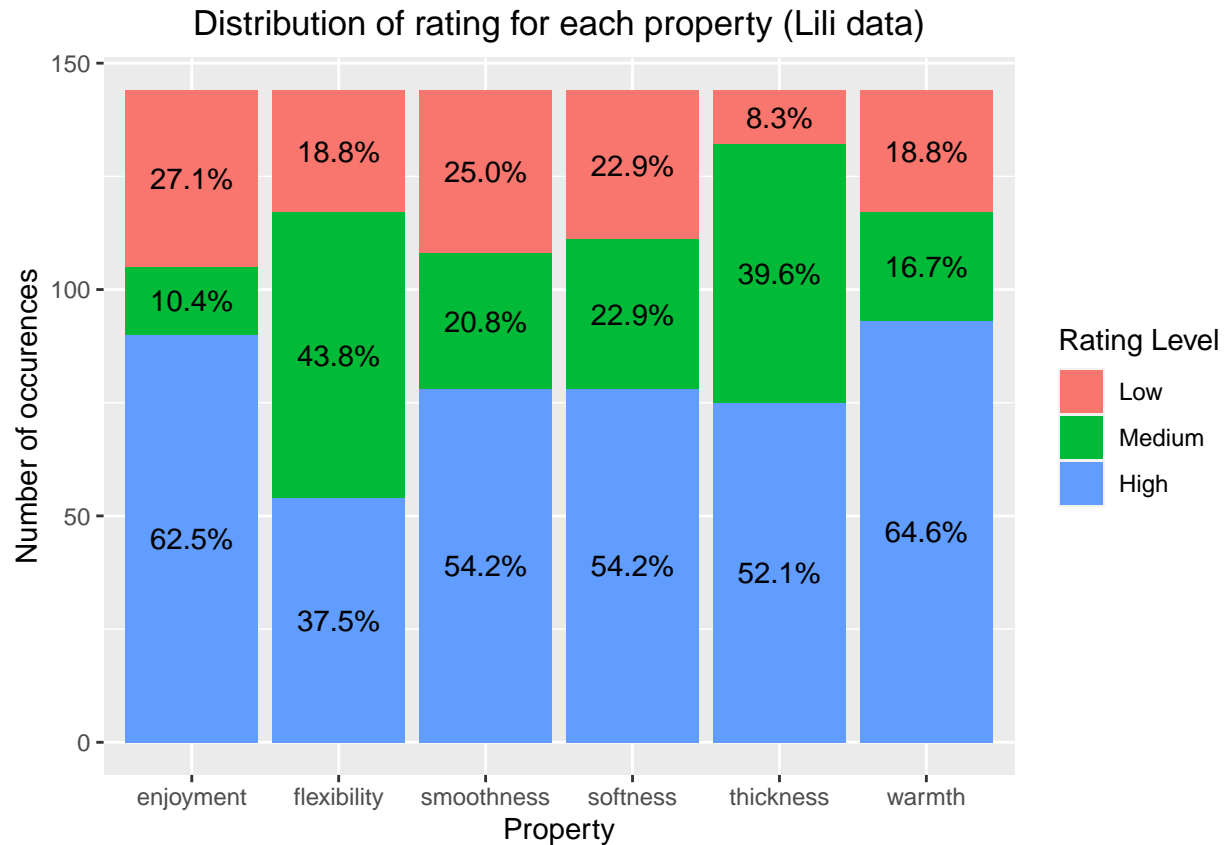
Get values?

Ratings 2

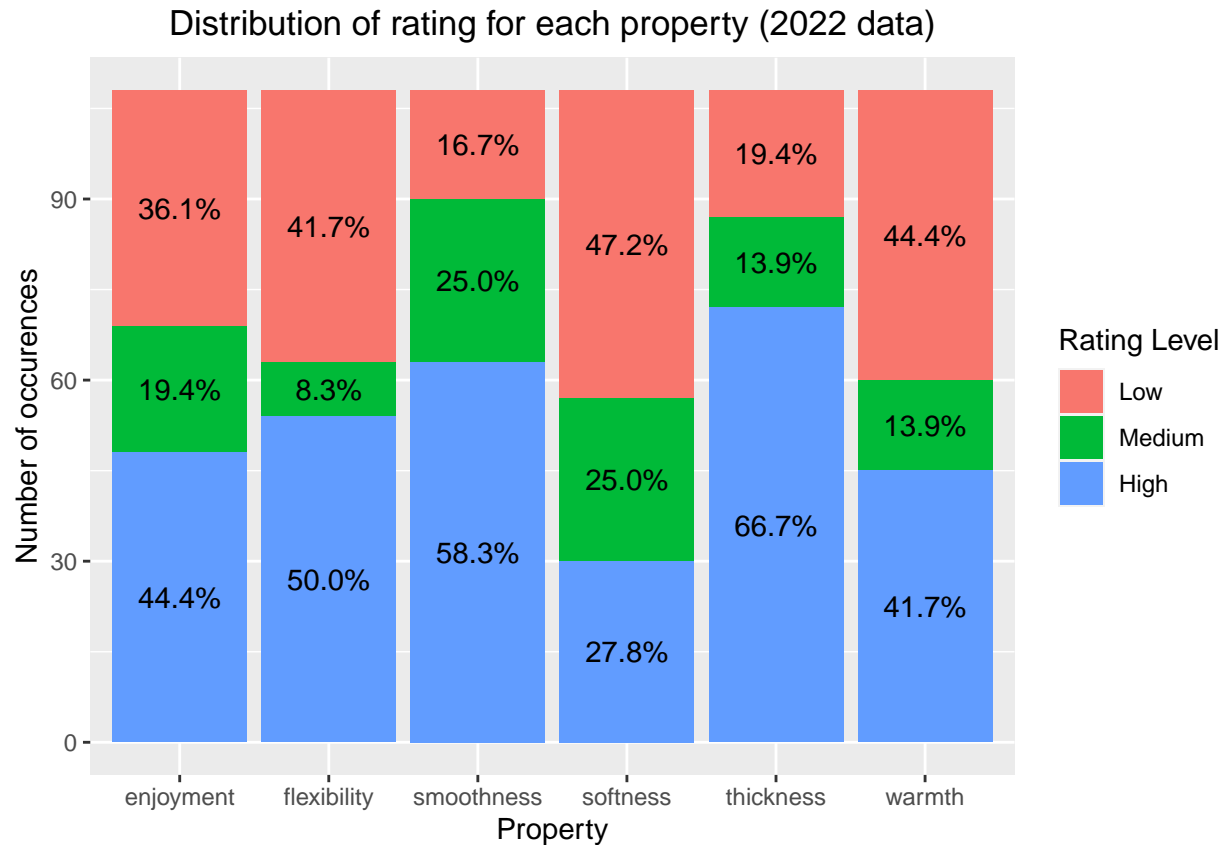
```
plot1a <- ggplot(df_combined, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (combined data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.., sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot1a
```



```
plot1b <- ggplot(df1, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (Lili data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.., sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot1b
```

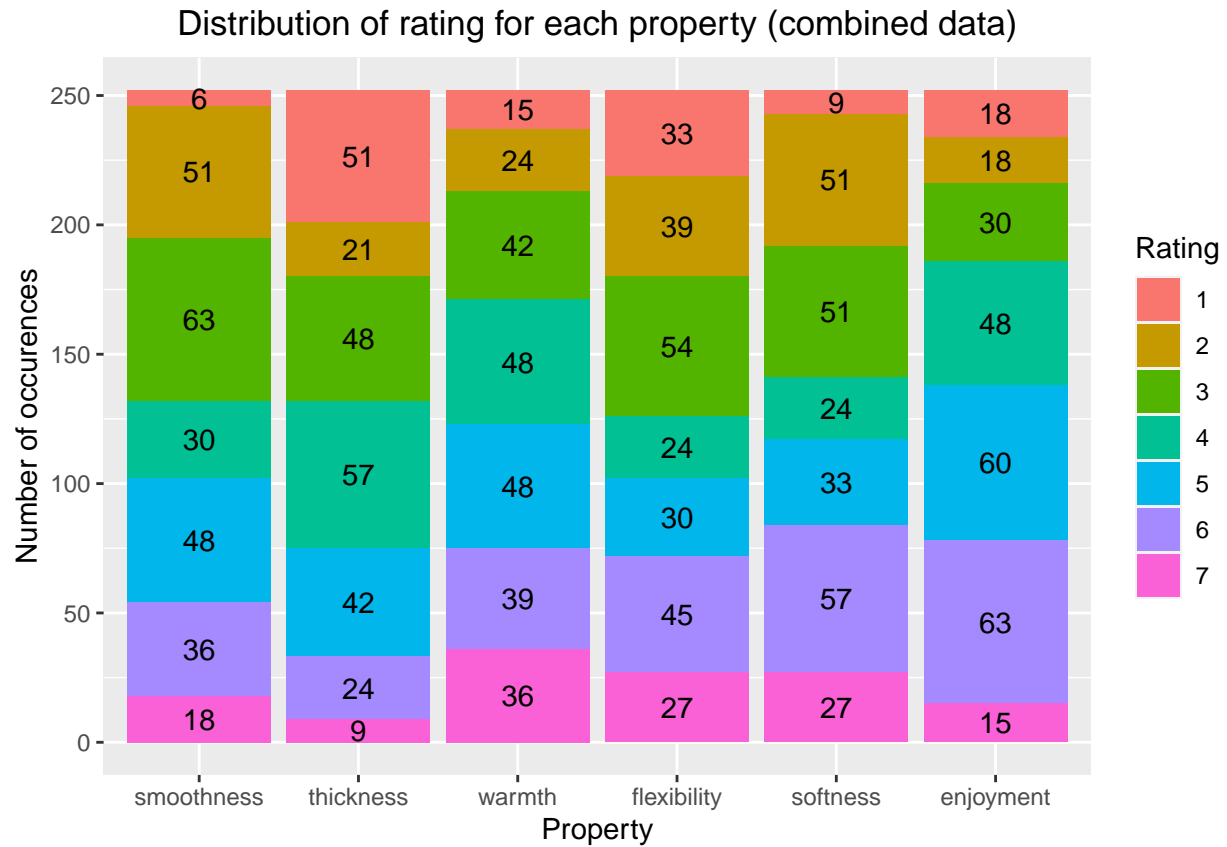


```
plot1c <- ggplot(df2, aes(x = property_name, fill = rating_level)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (2022 data)', x='Property', y='Number of occurrence') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating Level")) +
  scale_fill_discrete(labels = c("Low", "Medium", "High")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.. ,sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot1c
```

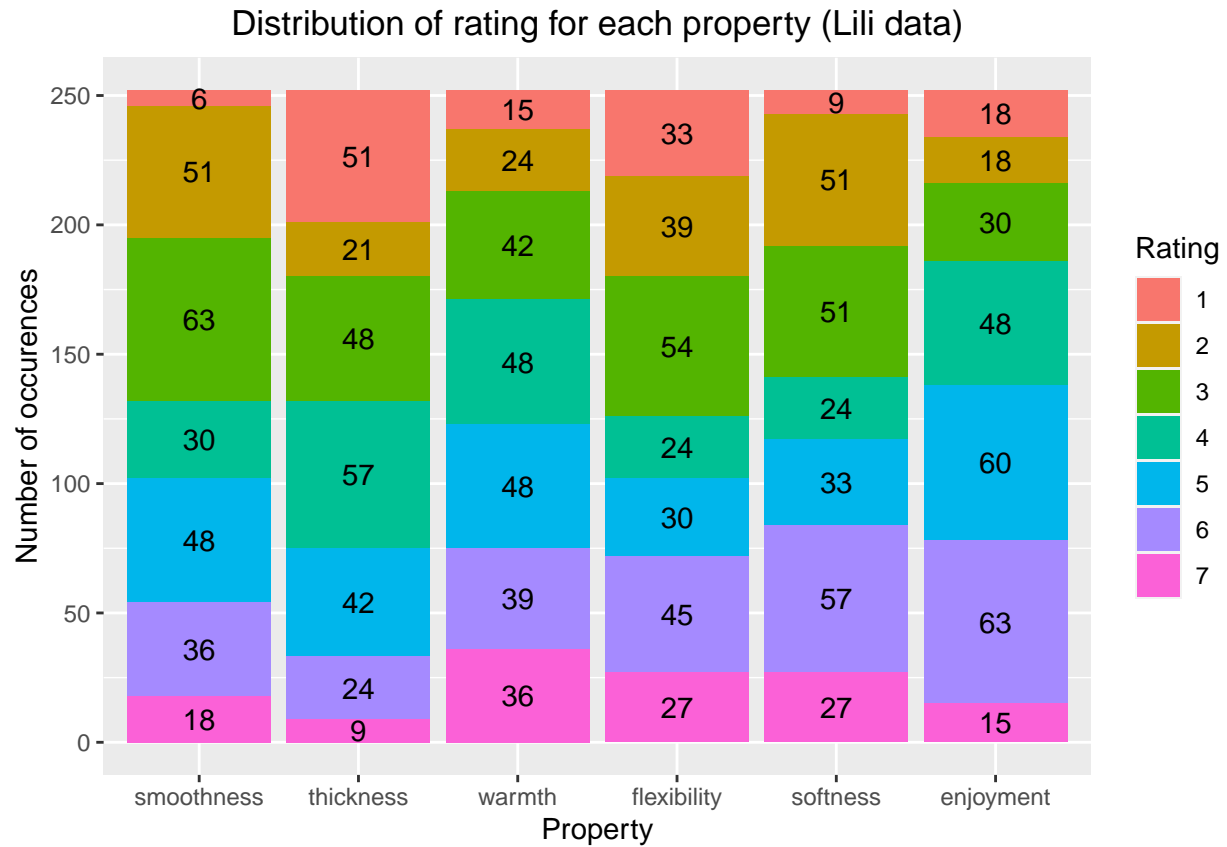


Get values?

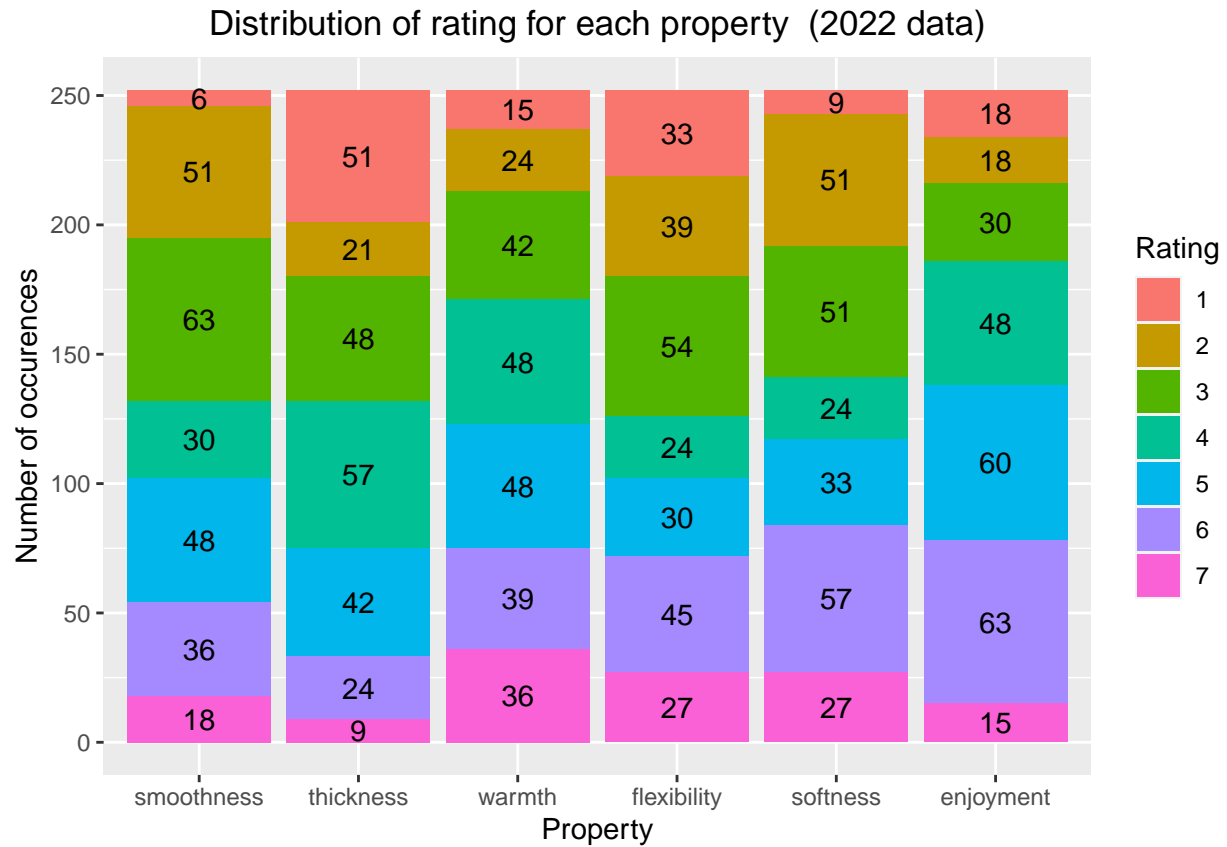
```
plot2a <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (combined data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot2a
```



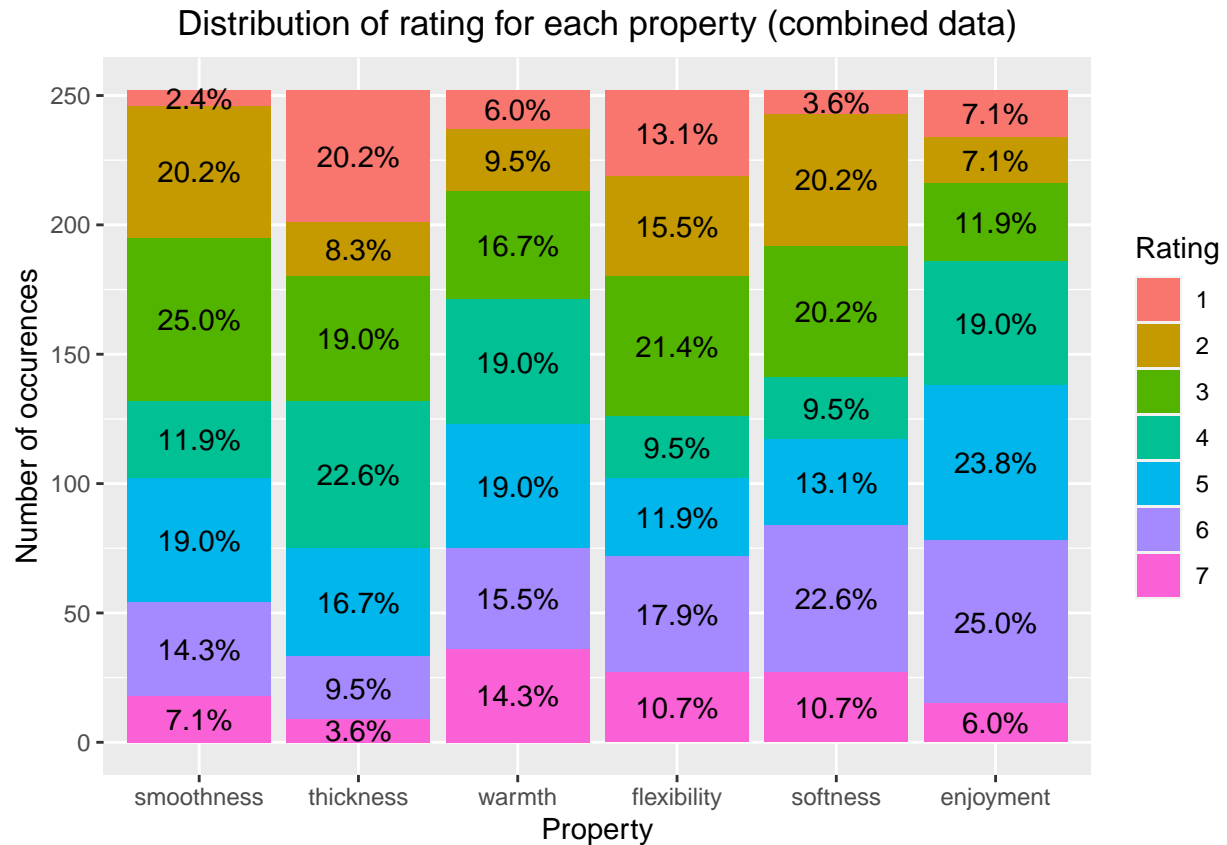
```
plot2b <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (Lili data)', x='Property', y='Number of occurences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot2b
```

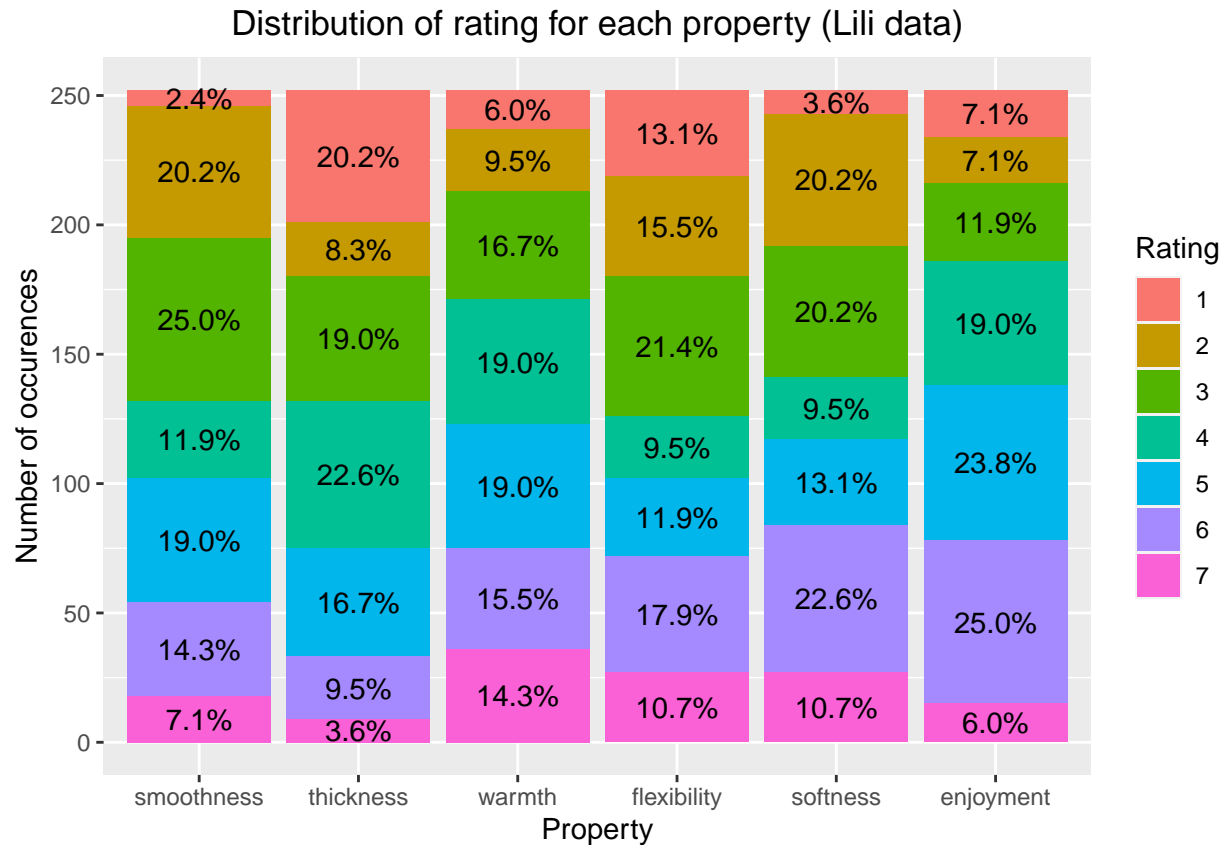
```
plot2c <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (2022 data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = ..count..), stat = "count", position = position_stack(vjust = 0.5))
plot2c
```



```
plot2a <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (combined data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.., sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot2a
```

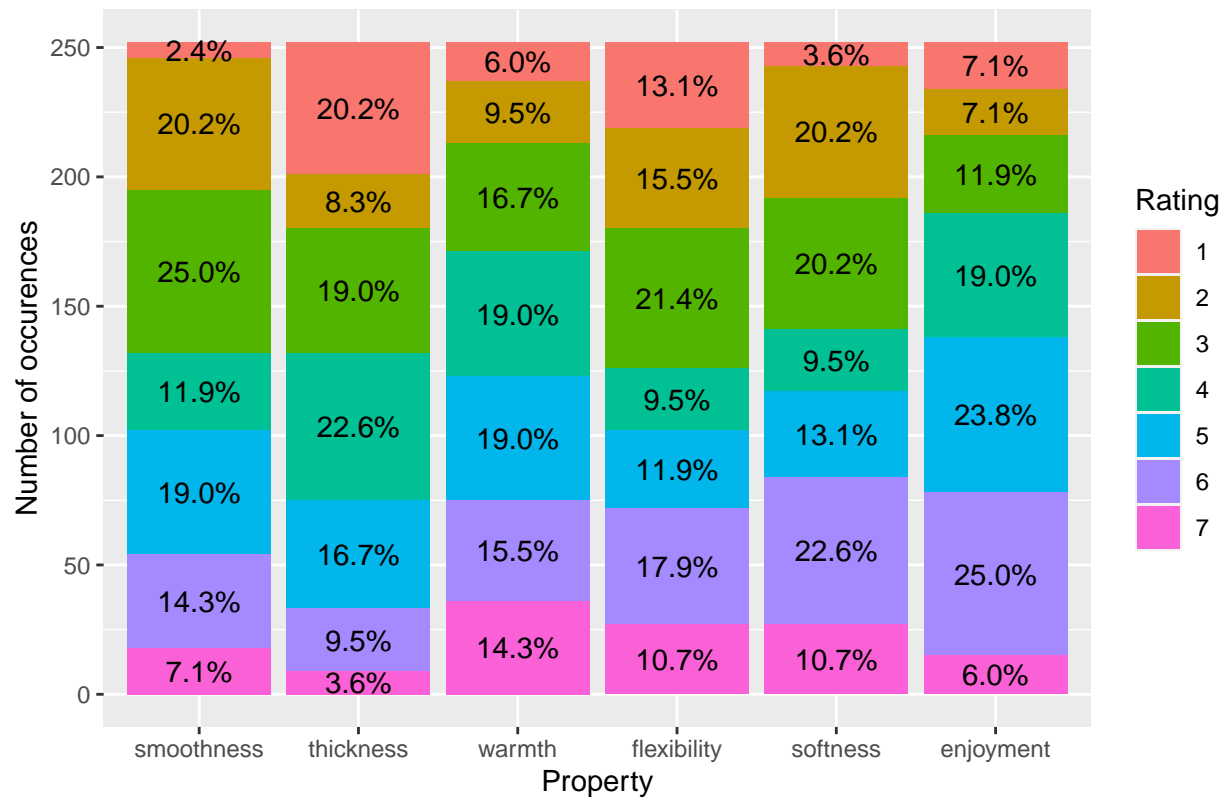


```
plot2b <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (Lili data)', x='Property', y='Number of occurences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.. ,sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot2b
```



```
plot2c <- ggplot(df_combined, aes(x = property_name, fill = rating)) +
  geom_bar() +
  labs(title='Distribution of rating for each property (2022 data)', x='Property', y='Number of occurrences') +
  theme(plot.title=element_text(hjust=0.5)) +
  guides(fill = guide_legend(title = "Rating")) +
  geom_text(aes(label = scales::percent(..count../tapply(..count.., ..x.., sum)[..x..])),
            position = position_stack(vjust = 0.5), stat = "count")
plot2c
```

Distribution of rating for each property (2022 data)



```
#head(df_combined)
df_combined[c()]
```

```
## data frame with 0 columns and 1512 rows
```

```
#round(cor(df_combined[c(12:60)]), use = 'complete.obs'),4)
```

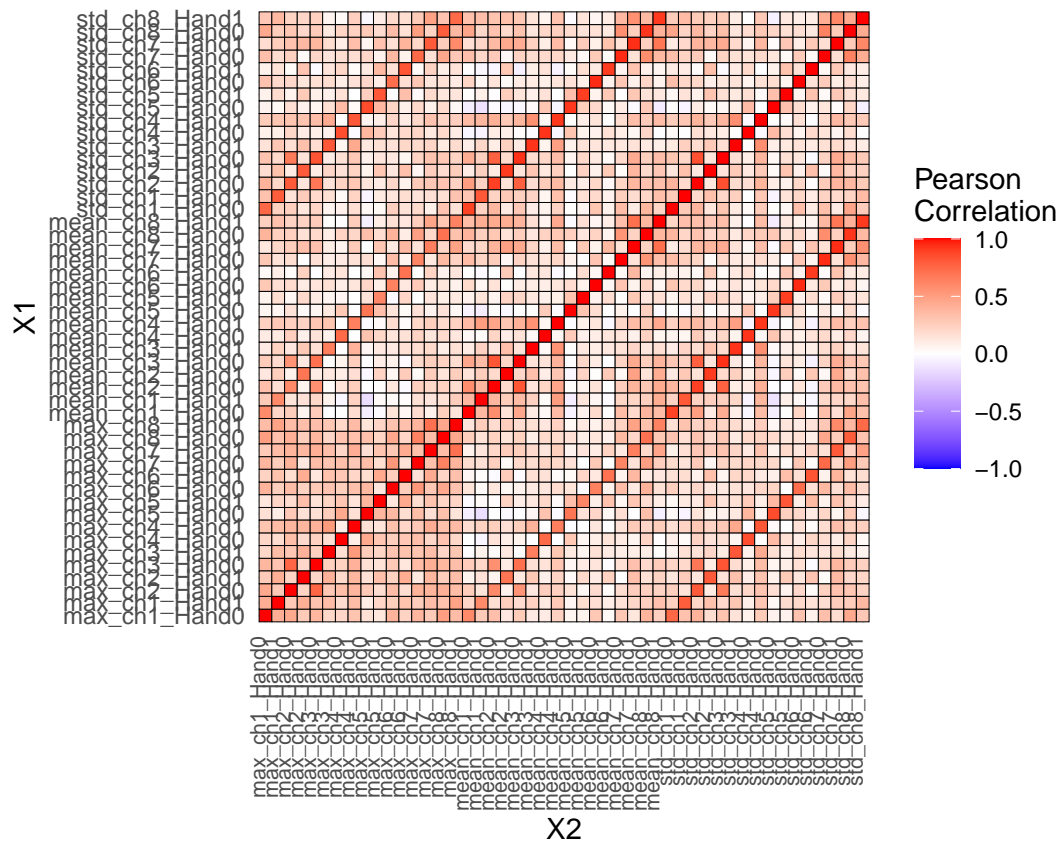
```
# Corr mat for emg
```

```
corr_mat_emg <- round(cor(df_combined[c(12:59)]), use = 'complete.obs'),4)
```

```
melted_corr_mat_emg <- melt(corr_mat_emg)
```

```
ggplot(data = melted_corr_mat_emg, aes(X2, X1, fill = value))+ #
  geom_tile(color = "Black")+
  scale_fill_gradient2(low = "blue", high = "Red", mid = "White",
                      midpoint = 0, limit = c(-1,1), space = "Lab",
                      name="Pearson\nCorrelation") +
  theme_minimal()+
  theme(axis.text.x = element_text(angle = 90, vjust = 0,
                                    size = 8, hjust = 1))+
```

```
coord_fixed()
```



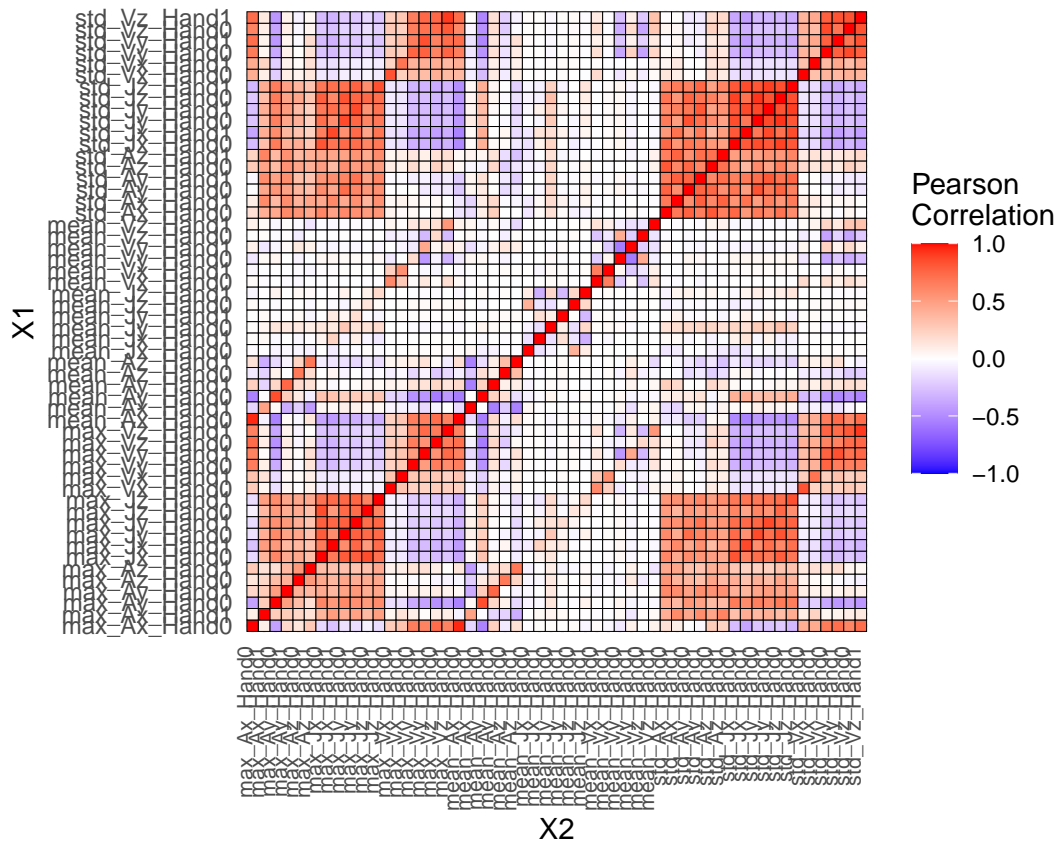
```
# Corr mat for qua

corr_mat_qua <- round(cor(df_combined[c(60:113)], use = 'complete.obs'),4)

melted_corr_mat_qua <- melt(corr_mat_qua)

ggplot(data = melted_corr_mat_qua, aes(X2, X1, fill = value))+ #
  geom_tile(color = "Black")+
  scale_fill_gradient2(low = "blue", high = "Red", mid = "White",
                      midpoint = 0, limit = c(-1,1), space = "Lab",
                      name="Pearson\nCorrelation") +
  theme_minimal()+
  theme(axis.text.x = element_text(angle = 90, vjust = 0,
                                    size = 8, hjust = 1))+

coord_fixed()
```

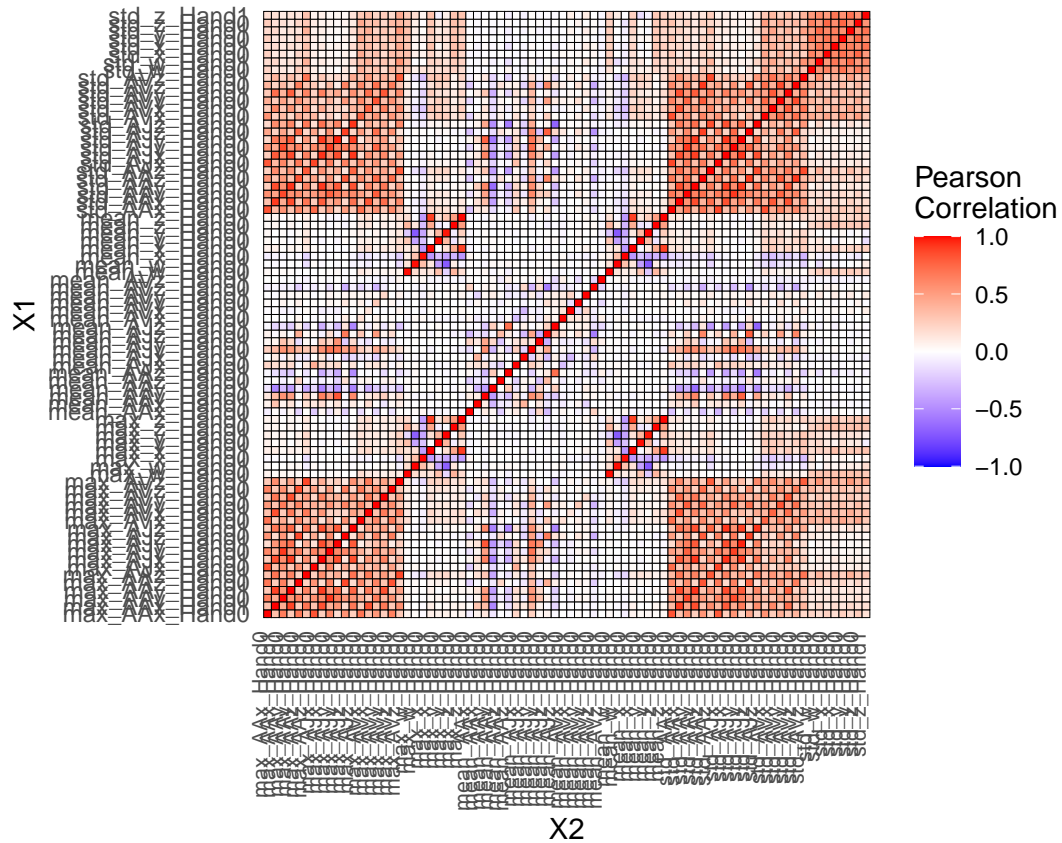


```
# Corr mat for acc

corr_mat_acc <- round(cor(df_combined[c(114:191)]), use = 'complete.obs'),4)

melted_corr_mat_acc <- melt(corr_mat_acc)

ggplot(data = melted_corr_mat_acc, aes(X2, X1, fill = value))+ #
  geom_tile(color = "Black")+
  scale_fill_gradient2(low = "blue", high = "Red", mid = "White",
                      midpoint = 0, limit = c(-1,1), space = "Lab",
                      name="Pearson\nCorrelation") +
  theme_minimal()+
  theme(axis.text.x = element_text(angle = 90, vjust = 0,
                                    size = 8, hjust = 1))+
  coord_fixed()
```



```
smooth_df1 = df1[df1$property_id==3,]
thick_df1 = df1[df1$property_id==4,]
warm_df1 = df1[df1$property_id==5,]
flex_df1 = df1[df1$property_id==6,]
soft_df1 = df1[df1$property_id==7,]
enjoy_df1 = df1[df1$property_id==8,]
```

```
smooth_df1 = df1[df1$property_id==3,]
thick_df1 = df1[df1$property_id==4,]
warm_df1 = df1[df1$property_id==5,]
flex_df1 = df1[df1$property_id==6,]
soft_df1 = df1[df1$property_id==7,]
enjoy_df1 = df1[df1$property_id==8,]
```

```
#da
```

```
df1[df1$property_id==4,]
```

##	participant_id	clothes_id	property_id	property_name	interaction_id	rating
## 4	7	14	4	thickness	106	5
## 5	7	14	4	thickness	106	5
## 6	7	14	4	thickness	106	5
## 22	7	15	4	thickness	113	1
## 23	7	15	4	thickness	113	1
## 24	7	15	4	thickness	113	1
## 40	7	16	4	thickness	120	5

## 41	7	16	4	thickness	120	5
## 42	7	16	4	thickness	120	5
## 58	7	17	4	thickness	127	3
## 59	7	17	4	thickness	127	3
## 60	7	17	4	thickness	127	3
## 76	7	18	4	thickness	134	5
## 77	7	18	4	thickness	134	5
## 78	7	18	4	thickness	134	5
## 94	7	19	4	thickness	141	6
## 95	7	19	4	thickness	141	6
## 96	7	19	4	thickness	141	6
## 112	2	23	4	thickness	166	5
## 113	2	23	4	thickness	166	5
## 114	2	23	4	thickness	166	5
## 130	2	24	4	thickness	173	1
## 131	2	24	4	thickness	173	1
## 132	2	24	4	thickness	173	1
## 148	2	25	4	thickness	180	1
## 149	2	25	4	thickness	180	1
## 150	2	25	4	thickness	180	1
## 166	2	26	4	thickness	187	2
## 167	2	26	4	thickness	187	2
## 168	2	26	4	thickness	187	2
## 184	2	27	4	thickness	194	1
## 185	2	27	4	thickness	194	1
## 186	2	27	4	thickness	194	1
## 202	2	28	4	thickness	201	3
## 203	2	28	4	thickness	201	3
## 204	2	28	4	thickness	201	3
## 220	6	7	4	thickness	49	6
## 221	6	7	4	thickness	49	6
## 222	6	7	4	thickness	49	6
## 238	6	8	4	thickness	56	4
## 239	6	8	4	thickness	56	4
## 240	6	8	4	thickness	56	4
## 256	6	9	4	thickness	63	4
## 257	6	9	4	thickness	63	4
## 258	6	9	4	thickness	63	4
## 274	6	10	4	thickness	70	3
## 275	6	10	4	thickness	70	3
## 276	6	10	4	thickness	70	3
## 292	6	11	4	thickness	77	4
## 293	6	11	4	thickness	77	4
## 294	6	11	4	thickness	77	4
## 310	6	12	4	thickness	85	1
## 311	6	12	4	thickness	85	1
## 312	6	12	4	thickness	85	1
## 328	5	7	4	thickness	50	5
## 329	5	7	4	thickness	50	5
## 330	5	7	4	thickness	50	5
## 346	5	8	4	thickness	57	2
## 347	5	8	4	thickness	57	2
## 348	5	8	4	thickness	57	2
## 364	5	9	4	thickness	64	4

## 365	5	9	4	thickness	64	4
## 366	5	9	4	thickness	64	4
## 382	5	10	4	thickness	71	6
## 383	5	10	4	thickness	71	6
## 384	5	10	4	thickness	71	6
## 400	5	11	4	thickness	78	4
## 401	5	11	4	thickness	78	4
## 402	5	11	4	thickness	78	4
## 418	5	12	4	thickness	85	5
## 419	5	12	4	thickness	85	5
## 420	5	12	4	thickness	85	5
## 436	3	1	4	thickness	7	1
## 437	3	1	4	thickness	7	1
## 438	3	1	4	thickness	7	1
## 454	3	2	4	thickness	14	2
## 455	3	2	4	thickness	14	2
## 456	3	2	4	thickness	14	2
## 472	3	3	4	thickness	21	1
## 473	3	3	4	thickness	21	1
## 474	3	3	4	thickness	21	1
## 490	3	4	4	thickness	28	1
## 491	3	4	4	thickness	28	1
## 492	3	4	4	thickness	28	1
## 508	3	5	4	thickness	35	4
## 509	3	5	4	thickness	35	4
## 510	3	5	4	thickness	35	4
## 526	3	6	4	thickness	42	3
## 527	3	6	4	thickness	42	3
## 528	3	6	4	thickness	42	3
## 544	4	7	4	thickness	51	5
## 545	4	7	4	thickness	51	5
## 546	4	7	4	thickness	51	5
## 562	4	8	4	thickness	59	3
## 563	4	8	4	thickness	59	3
## 564	4	8	4	thickness	59	3
## 580	4	9	4	thickness	66	3
## 581	4	9	4	thickness	66	3
## 582	4	9	4	thickness	66	3
## 598	4	10	4	thickness	73	6
## 599	4	10	4	thickness	73	6
## 600	4	10	4	thickness	73	6
## 616	4	11	4	thickness	81	3
## 617	4	11	4	thickness	81	3
## 618	4	11	4	thickness	81	3
## 634	4	12	4	thickness	88	4
## 635	4	12	4	thickness	88	4
## 636	4	12	4	thickness	88	4
## 652	1	16	4	thickness	120	5
## 653	1	16	4	thickness	120	5
## 654	1	16	4	thickness	120	5
## 670	1	17	4	thickness	127	1
## 671	1	17	4	thickness	127	1
## 672	1	17	4	thickness	127	1
## 688	1	18	4	thickness	134	3

## 689	1	18	4	thickness	134	3
## 690	1	18	4	thickness	134	3
## 706	1	19	4	thickness	141	1
## 707	1	19	4	thickness	141	1
## 708	1	19	4	thickness	141	1
## 724	1	20	4	thickness	148	3
## 725	1	20	4	thickness	148	3
## 726	1	20	4	thickness	148	3
## 742	1	21	4	thickness	155	1
## 743	1	21	4	thickness	155	1
## 744	1	21	4	thickness	155	1
## 760	8	8	4	thickness	56	1
## 761	8	8	4	thickness	56	1
## 762	8	8	4	thickness	56	1
## 778	8	9	4	thickness	63	3
## 779	8	9	4	thickness	63	3
## 780	8	9	4	thickness	63	3
## 796	8	10	4	thickness	70	2
## 797	8	10	4	thickness	70	2
## 798	8	10	4	thickness	70	2
## 814	8	11	4	thickness	77	1
## 815	8	11	4	thickness	77	1
## 816	8	11	4	thickness	77	1
## 832	8	12	4	thickness	84	1
## 833	8	12	4	thickness	84	1
## 834	8	12	4	thickness	84	1
## 850	8	13	4	thickness	92	1
## 851	8	13	4	thickness	92	1
## 852	8	13	4	thickness	92	1
##	rating_level	rating_level_num	sub_window_num	subwindow_start_time		
## 4	medium	2	1	2021-08-05 13:22:02.060		
## 5	medium	2	2	2021-08-05 13:22:03.061		
## 6	medium	2	3	2021-08-05 13:22:04.089		
## 22	low	1	1	2021-08-05 13:26:30.986		
## 23	low	1	2	2021-08-05 13:26:31.990		
## 24	low	1	3	2021-08-05 13:26:33.025		
## 40	medium	2	1	2021-08-05 13:31:44.765		
## 41	medium	2	2	2021-08-05 13:31:45.783		
## 42	medium	2	3	2021-08-05 13:31:46.781		
## 58	medium	2	1	2021-08-05 13:35:55.616		
## 59	medium	2	2	2021-08-05 13:35:56.648		
## 60	medium	2	3	2021-08-05 13:35:57.660		
## 76	medium	2	1	2021-08-05 13:41:14.086		
## 77	medium	2	2	2021-08-05 13:41:15.090		
## 78	medium	2	3	2021-08-05 13:41:16.115		
## 94	high	3	1	2021-08-05 13:46:15.786		
## 95	high	3	2	2021-08-05 13:46:16.797		
## 96	high	3	3	2021-08-05 13:46:17.848		
## 112	medium	2	1	2021-08-05 15:28:58.085		
## 113	medium	2	2	2021-08-05 15:28:59.092		
## 114	medium	2	3	2021-08-05 15:29:00.101		
## 130	low	1	1	2021-08-05 15:33:13.784		
## 131	low	1	2	2021-08-05 15:33:14.816		
## 132	low	1	3	2021-08-05 15:33:15.802		

## 148	low	1	1	2021-08-05	15:37:26.310
## 149	low	1	2	2021-08-05	15:37:27.316
## 150	low	1	3	2021-08-05	15:37:28.314
## 166	low	1	1	2021-08-05	15:41:26.960
## 167	low	1	2	2021-08-05	15:41:27.974
## 168	low	1	3	2021-08-05	15:41:28.967
## 184	low	1	1	2021-08-05	15:45:26.698
## 185	low	1	2	2021-08-05	15:45:27.713
## 186	low	1	3	2021-08-05	15:45:28.719
## 202	medium	2	1	2021-08-05	15:49:27.425
## 203	medium	2	2	2021-08-05	15:49:28.426
## 204	medium	2	3	2021-08-05	15:49:29.440
## 220	high	3	1	2021-08-06	16:19:16.006
## 221	high	3	2	2021-08-06	16:19:17.019
## 222	high	3	3	2021-08-06	16:19:18.033
## 238	medium	2	1	2021-08-06	16:26:06.919
## 239	medium	2	2	2021-08-06	16:26:07.956
## 240	medium	2	3	2021-08-06	16:26:08.930
## 256	medium	2	1	2021-08-06	16:32:39.860
## 257	medium	2	2	2021-08-06	16:32:40.875
## 258	medium	2	3	2021-08-06	16:32:41.882
## 274	medium	2	1	2021-08-06	16:38:34.963
## 275	medium	2	2	2021-08-06	16:38:35.976
## 276	medium	2	3	2021-08-06	16:38:37.002
## 292	medium	2	1	2021-08-06	16:43:56.515
## 293	medium	2	2	2021-08-06	16:43:57.523
## 294	medium	2	3	2021-08-06	16:43:58.590
## 310	low	1	1	2021-08-06	16:50:15.481
## 311	low	1	2	2021-08-06	16:50:16.493
## 312	low	1	3	2021-08-06	16:50:17.503
## 328	medium	2	1	2021-08-06	17:50:30.116
## 329	medium	2	2	2021-08-06	17:50:31.139
## 330	medium	2	3	2021-08-06	17:50:32.129
## 346	low	1	1	2021-08-06	17:55:15.103
## 347	low	1	2	2021-08-06	17:55:16.123
## 348	low	1	3	2021-08-06	17:55:17.108
## 364	medium	2	1	2021-08-06	18:01:39.024
## 365	medium	2	2	2021-08-06	18:01:40.050
## 366	medium	2	3	2021-08-06	18:01:41.046
## 382	high	3	1	2021-08-06	18:07:02.240
## 383	high	3	2	2021-08-06	18:07:03.276
## 384	high	3	3	2021-08-06	18:07:04.242
## 400	medium	2	1	2021-08-06	18:15:16.791
## 401	medium	2	2	2021-08-06	18:15:17.808
## 402	medium	2	3	2021-08-06	18:15:18.799
## 418	medium	2	1	2021-08-06	18:21:02.987
## 419	medium	2	2	2021-08-06	18:21:04.032
## 420	medium	2	3	2021-08-06	18:21:04.997
## 436	low	1	1	2021-08-08	21:34:37.861
## 437	low	1	2	2021-08-08	21:34:38.873
## 438	low	1	3	2021-08-08	21:34:39.888
## 454	low	1	1	2021-08-08	21:39:58.339
## 455	low	1	2	2021-08-08	21:39:59.340
## 456	low	1	3	2021-08-08	21:40:00.340

## 472	low	1	1 2021-08-08 21:46:05.433
## 473	low	1	2 2021-08-08 21:46:06.481
## 474	low	1	3 2021-08-08 21:46:07.493
## 490	low	1	1 2021-08-08 21:51:42.649
## 491	low	1	2 2021-08-08 21:51:43.679
## 492	low	1	3 2021-08-08 21:51:44.674
## 508	medium	2	1 2021-08-08 21:57:06.349
## 509	medium	2	2 2021-08-08 21:57:07.358
## 510	medium	2	3 2021-08-08 21:57:08.354
## 526	medium	2	1 2021-08-08 22:03:30.452
## 527	medium	2	2 2021-08-08 22:03:31.460
## 528	medium	2	3 2021-08-08 22:03:32.488
## 544	medium	2	1 2021-08-08 22:44:18.232
## 545	medium	2	2 2021-08-08 22:44:19.236
## 546	medium	2	3 2021-08-08 22:44:20.269
## 562	medium	2	1 2021-08-08 22:50:52.675
## 563	medium	2	2 2021-08-08 22:50:53.684
## 564	medium	2	3 2021-08-08 22:50:54.736
## 580	medium	2	1 2021-08-08 22:56:32.403
## 581	medium	2	2 2021-08-08 22:56:33.416
## 582	medium	2	3 2021-08-08 22:56:34.433
## 598	high	3	1 2021-08-08 23:03:07.799
## 599	high	3	2 2021-08-08 23:03:08.806
## 600	high	3	3 2021-08-08 23:03:09.807
## 616	medium	2	1 2021-08-08 23:08:59.249
## 617	medium	2	2 2021-08-08 23:09:00.282
## 618	medium	2	3 2021-08-08 23:09:01.253
## 634	medium	2	1 2021-08-08 23:15:14.814
## 635	medium	2	2 2021-08-08 23:15:15.834
## 636	medium	2	3 2021-08-08 23:15:16.829
## 652	medium	2	1 2021-08-09 03:45:48.076
## 653	medium	2	2 2021-08-09 03:45:49.113
## 654	medium	2	3 2021-08-09 03:45:50.120
## 670	low	1	1 2021-08-09 03:52:02.003
## 671	low	1	2 2021-08-09 03:52:03.006
## 672	low	1	3 2021-08-09 03:52:04.039
## 688	medium	2	1 2021-08-09 03:57:38.047
## 689	medium	2	2 2021-08-09 03:57:39.059
## 690	medium	2	3 2021-08-09 03:57:40.062
## 706	low	1	1 2021-08-09 04:03:35.841
## 707	low	1	2 2021-08-09 04:03:36.865
## 708	low	1	3 2021-08-09 04:03:37.864
## 724	medium	2	1 2021-08-09 04:09:04.146
## 725	medium	2	2 2021-08-09 04:09:05.161
## 726	medium	2	3 2021-08-09 04:09:06.149
## 742	low	1	1 2021-08-09 04:16:13.262
## 743	low	1	2 2021-08-09 04:16:14.301
## 744	low	1	3 2021-08-09 04:16:15.285
## 760	low	1	1 2021-08-10 03:12:06.516
## 761	low	1	2 2021-08-10 03:12:07.525
## 762	low	1	3 2021-08-10 03:12:08.560
## 778	medium	2	1 2021-08-10 03:18:33.786
## 779	medium	2	2 2021-08-10 03:18:34.820
## 780	medium	2	3 2021-08-10 03:18:35.792

## 796	low	1	1	2021-08-10 03:25:04.650
## 797	low	1	2	2021-08-10 03:25:05.667
## 798	low	1	3	2021-08-10 03:25:06.689
## 814	low	1	1	2021-08-10 03:31:47.363
## 815	low	1	2	2021-08-10 03:31:48.364
## 816	low	1	3	2021-08-10 03:31:49.392
## 832	low	1	1	2021-08-10 03:37:04.274
## 833	low	1	2	2021-08-10 03:37:05.275
## 834	low	1	3	2021-08-10 03:37:06.296
## 850	low	1	1	2021-08-10 03:45:20.558
## 851	low	1	2	2021-08-10 03:45:21.571
## 852	low	1	3	2021-08-10 03:45:22.601
##	subwindow_end_time	max_ch1_Hand0	max_ch2_Hand0	max_ch3_Hand0
## 4	2021-08-05 13:22:03.029	0.030476	0.221419	0.283809
## 5	2021-08-05 13:22:04.047	0.027038	0.089659	0.179608
## 6	2021-08-05 13:22:17.056	0.166715	0.413070	0.452325
## 22	2021-08-05 13:26:31.969	1.000000	0.652633	0.452325
## 23	2021-08-05 13:26:32.983	0.507022	0.377135	0.325938
## 24	2021-08-05 13:26:45.966	0.109201	0.365157	0.376209
## 40	2021-08-05 13:31:45.763	0.018822	0.113615	0.129337
## 41	2021-08-05 13:31:46.761	0.027038	0.101637	0.123436
## 42	2021-08-05 13:31:59.739	0.125634	0.161528	0.213595
## 58	2021-08-05 13:35:56.606	0.035255	0.077681	0.109393
## 59	2021-08-05 13:35:57.597	0.027038	0.078035	0.067264
## 60	2021-08-05 13:36:10.605	0.084552	0.161528	0.185509
## 76	2021-08-05 13:41:15.070	0.027038	0.185484	0.129337
## 77	2021-08-05 13:41:16.082	0.027038	0.161528	0.115294
## 78	2021-08-05 13:41:29.075	0.125634	0.532851	0.283809
## 94	2021-08-05 13:46:16.759	0.068120	0.257353	0.325938
## 95	2021-08-05 13:46:17.786	0.068120	0.353179	0.311895
## 96	2021-08-05 13:46:30.734	0.133850	0.245375	0.311895
## 112	2021-08-05 15:28:59.057	0.534917	0.254237	0.314565
## 113	2021-08-05 15:29:00.067	0.240220	0.186441	0.223173
## 114	2021-08-05 15:29:13.073	0.689945	0.288136	0.405956
## 130	2021-08-05 15:33:14.783	0.136869	0.152542	0.154630
## 131	2021-08-05 15:33:15.769	0.188544	0.084746	0.108934
## 132	2021-08-05 15:33:28.766	0.291896	0.220339	0.337412
## 148	2021-08-05 15:37:27.277	0.136869	0.084746	0.177478
## 149	2021-08-05 15:37:28.293	0.188544	0.084746	0.177478
## 150	2021-08-05 15:37:41.292	0.291896	0.152542	0.200325
## 166	2021-08-05 15:41:27.941	0.395248	0.186441	0.268869
## 167	2021-08-05 15:41:28.941	0.188544	0.186441	0.268869
## 168	2021-08-05 15:41:41.951	0.446924	0.355932	0.360260
## 184	2021-08-05 15:45:27.691	0.276538	0.254237	0.223173
## 185	2021-08-05 15:45:28.660	0.291896	0.118644	0.177478
## 186	2021-08-05 15:45:41.687	0.343572	0.322034	0.291717
## 202	2021-08-05 15:49:28.379	0.240220	0.220339	0.337412
## 203	2021-08-05 15:49:29.406	0.291896	0.186441	0.268869
## 204	2021-08-05 15:49:42.390	0.343572	0.220339	0.268869
## 220	2021-08-06 16:19:16.972	0.263743	0.256897	0.511483
## 221	2021-08-06 16:19:17.992	0.191204	0.384873	0.378252
## 222	2021-08-06 16:19:30.992	0.516492	0.594671	0.600305
## 238	2021-08-06 16:26:07.915	0.364843	0.392007	0.533689
## 239	2021-08-06 16:26:08.879	0.263743	0.283541	0.200609

##	240	2021-08-06	16:26:21.872	0.617591	0.790202	0.578099
##	256	2021-08-06	16:32:40.855	0.263743	0.452428	0.400457
##	257	2021-08-06	16:32:41.826	0.314293	0.283541	0.311636
##	258	2021-08-06	16:32:54.849	0.415392	0.452428	0.711331
##	274	2021-08-06	16:38:35.948	0.263743	0.351096	0.245020
##	275	2021-08-06	16:38:36.959	0.241754	0.317318	0.267225
##	276	2021-08-06	16:38:49.952	0.567042	0.722647	0.600305
##	292	2021-08-06	16:43:57.506	0.162644	0.155565	0.133993
##	293	2021-08-06	16:43:58.505	0.191204	0.215986	0.378252
##	294	2021-08-06	16:44:11.476	0.241754	0.452428	0.400457
##	310	2021-08-06	16:50:16.466	0.140655	0.182209	0.111788
##	311	2021-08-06	16:50:17.472	0.342854	0.425784	0.200609
##	312	2021-08-06	16:50:30.455	0.263743	0.317318	0.356046
##	328	2021-08-06	17:50:31.096	0.127763	0.024940	0.028876
##	329	2021-08-06	17:50:32.066	0.079306	0.014989	0.015753
##	330	2021-08-06	17:50:45.106	0.079306	0.024940	0.076110
##	346	2021-08-06	17:55:16.063	0.114525	0.184028	0.181096
##	347	2021-08-06	17:55:17.058	0.138753	0.154176	0.312329
##	348	2021-08-06	17:55:30.091	0.321594	0.462653	0.377946
##	364	2021-08-06	18:01:39.993	0.345822	0.213881	0.404192
##	365	2021-08-06	18:01:41.016	0.297365	0.193979	0.299206
##	366	2021-08-06	18:01:54.016	0.466966	0.273586	0.535425
##	382	2021-08-06	18:07:03.227	0.332584	0.572112	0.391069
##	383	2021-08-06	18:07:04.222	0.453728	0.313515	0.475068
##	384	2021-08-06	18:07:17.229	0.502185	0.701474	0.553808
##	400	2021-08-06	18:15:17.775	0.284126	0.283537	0.417315
##	401	2021-08-06	18:15:18.770	0.273136	0.273586	0.317589
##	402	2021-08-06	18:15:31.773	0.854627	0.582063	0.561672
##	418	2021-08-06	18:21:03.968	0.429499	0.283537	0.527562
##	419	2021-08-06	18:21:04.965	0.418509	0.333292	0.482932
##	420	2021-08-06	18:21:17.973	0.720245	0.621867	0.679781
##	436	2021-08-08	21:34:38.849	0.160528	0.226375	0.276606
##	437	2021-08-08	21:34:39.826	0.147203	0.178023	0.211824
##	438	2021-08-08	21:34:52.848	0.320428	0.274726	0.330590
##	454	2021-08-08	21:39:59.288	0.693526	0.238463	0.255012
##	455	2021-08-08	21:40:00.307	0.453677	0.214287	0.179433
##	456	2021-08-08	21:40:13.316	0.560277	0.323078	0.362981
##	472	2021-08-08	21:46:06.427	0.027279	0.069232	0.079693
##	473	2021-08-08	21:46:07.424	0.052671	0.093408	0.136245
##	474	2021-08-08	21:46:20.408	0.120553	0.286814	0.211824
##	490	2021-08-08	21:51:43.647	0.065996	0.153847	0.176866
##	491	2021-08-08	21:51:44.638	0.039346	0.020881	0.058099
##	492	2021-08-08	21:51:57.621	0.092646	0.165935	0.198459
##	508	2021-08-08	21:57:07.320	0.065996	0.141760	0.133678
##	509	2021-08-08	21:57:08.308	0.147203	0.165935	0.211824
##	510	2021-08-08	21:57:21.333	0.320428	0.178023	0.211824
##	526	2021-08-08	22:03:31.438	0.107229	0.093408	0.133678
##	527	2021-08-08	22:03:32.434	0.039346	0.081320	0.101287
##	528	2021-08-08	22:03:45.429	0.280453	0.310990	0.263241
##	544	2021-08-08	22:44:19.197	0.129787	0.140864	0.065817
##	545	2021-08-08	22:44:20.201	0.081442	0.120408	0.100099
##	546	2021-08-08	22:44:33.210	1.000000	0.324964	0.400066
##	562	2021-08-08	22:50:53.651	0.145902	0.110180	0.177233
##	563	2021-08-08	22:50:54.675	0.210363	0.140864	0.202945

##	564	2021-08-08 22:51:07.653	0.532664	0.437470	0.434348	
##	580	2021-08-08 22:56:33.393	0.581009	0.611343	0.562905	
##	581	2021-08-08 22:56:34.376	0.128053	0.120408	0.160092	
##	582	2021-08-08 22:56:47.396	0.419858	0.754532	0.725744	
##	598	2021-08-08 23:03:08.786	0.226478	0.212458	0.194374	
##	599	2021-08-08 23:03:09.780	0.210363	0.181775	0.165586	
##	600	2021-08-08 23:03:22.795	0.516549	0.519293	0.528623	
##	616	2021-08-08 23:09:00.242	0.194248	0.192003	0.165586	
##	617	2021-08-08 23:09:01.206	0.081442	0.140864	0.117240	
##	618	2021-08-08 23:09:14.223	0.274823	0.294281	0.365784	
##	634	2021-08-08 23:15:15.782	0.194248	0.335192	0.348643	
##	635	2021-08-08 23:15:16.787	0.290938	0.427242	0.494341	
##	636	2021-08-08 23:15:29.750	0.403743	0.478381	0.451489	
##	652	2021-08-09 03:45:49.068	0.081575	0.059871	0.095340	
##	653	2021-08-09 03:45:50.064	0.055333	0.125461	0.105333	
##	654	2021-08-09 03:46:03.064	0.575584	0.212915	0.264199	
##	670	2021-08-09 03:52:02.970	0.110096	0.344096	0.364536	
##	671	2021-08-09 03:52:03.993	0.122648	0.300369	0.264199	
##	672	2021-08-09 03:52:16.986	0.753565	0.497140	0.515040	
##	688	2021-08-09 03:57:39.020	0.301768	0.191052	0.147140	
##	689	2021-08-09 03:57:40.033	0.055333	0.169188	0.188947	
##	690	2021-08-09 03:57:53.047	0.466058	0.365959	0.473234	
##	706	2021-08-09 04:03:36.826	0.026812	0.038007	0.013358	
##	707	2021-08-09 04:03:37.840	0.027951	0.038007	0.013358	
##	708	2021-08-09 04:03:50.821	0.069024	0.059871	0.046804	
##	724	2021-08-09 04:09:05.142	0.151169	0.103598	0.103701	
##	725	2021-08-09 04:09:06.128	0.192241	0.212915	0.205670	
##	726	2021-08-09 04:09:19.118	0.259556	0.256642	0.356174	
##	742	2021-08-09 04:16:14.243	0.151169	0.081734	0.078617	
##	743	2021-08-09 04:16:15.247	0.151169	0.059871	0.030081	
##	744	2021-08-09 04:16:28.244	0.178550	0.103598	0.120424	
##	760	2021-08-10 03:12:07.487	1.000000	0.290613	0.269674	
##	761	2021-08-10 03:12:08.509	0.495008	0.282496	0.212871	
##	762	2021-08-10 03:12:21.488	1.000000	0.371783	0.480657	
##	778	2021-08-10 03:18:34.765	0.105006	0.396134	0.428192	
##	779	2021-08-10 03:18:35.737	0.170006	0.542242	0.403848	
##	780	2021-08-10 03:18:48.764	0.447497	0.745168	0.712208	
##	796	2021-08-10 03:25:05.627	0.145631	0.160740	0.204757	
##	797	2021-08-10 03:25:06.650	0.080630	0.314964	0.192865	
##	798	2021-08-10 03:25:19.650	0.527508	0.331198	0.338930	
##	814	2021-08-10 03:31:48.341	0.089995	0.168857	0.168521	
##	815	2021-08-10 03:31:49.343	0.080630	0.136389	0.184750	
##	816	2021-08-10 03:32:02.359	1.000000	0.355549	0.642952	
##	832	2021-08-10 03:37:05.227	0.161881	0.185091	0.111718	
##	833	2021-08-10 03:37:06.266	0.080630	0.087686	0.204757	
##	834	2021-08-10 03:37:19.273	0.421882	0.485422	0.452537	
##	850	2021-08-10 03:45:21.541	0.096881	0.672115	0.574257	
##	851	2021-08-10 03:45:22.558	0.397507	0.087686	0.505002	
##	852	2021-08-10 03:45:35.528	0.421882	0.599061	0.436307	
##		max_ch4_Hand0 max_ch5_Hand0 max_ch6_Hand0 max_ch7_Hand0 max_ch8_Hand0				
##	4	0.984327	0.124478	0.101829	0.065111	0.051896
##	5	1.000000	0.087610	0.042933	0.065111	0.038727
##	6	1.000000	0.382555	0.322691	0.856171	0.499612
##	22	0.016763	0.345687	0.116553	0.376741	0.552284

## 23	0.016763	0.142912	0.057657	0.160997	0.315258
## 24	1.000000	0.271950	0.249070	0.294461	0.367930
## 40	0.082360	0.124478	0.030688	0.137026	0.091400
## 41	0.033162	0.096731	0.045412	0.113054	0.027113
## 42	0.057761	0.152033	0.116553	0.184969	0.157240
## 58	0.131558	0.087610	0.060136	0.137026	0.053449
## 59	0.041362	0.069176	0.042933	0.113054	0.065064
## 60	0.057761	0.087610	0.175450	0.246518	0.117736
## 76	0.016763	0.069176	0.045412	0.078718	0.078232
## 77	0.984327	0.069176	0.074860	0.113054	0.053449
## 78	1.000000	0.179780	0.101829	0.352769	0.578620
## 94	1.000000	0.124478	0.089584	0.304826	0.539116
## 95	0.016763	0.124478	0.087105	0.089083	0.079786
## 96	0.016763	0.124478	0.146001	0.472627	0.198299
## 112	0.178764	0.080648	0.048067	0.157139	0.283108
## 113	0.153100	0.080648	0.039861	0.157139	0.226511
## 114	0.191596	0.219944	0.146543	0.438093	0.415167
## 130	0.127437	0.156155	0.097305	0.092304	0.094452
## 131	0.140268	0.420817	0.138336	0.243587	0.339705
## 132	0.230091	0.164226	0.171162	0.394869	0.415167
## 148	0.127437	0.094578	0.023448	0.092304	0.132184
## 149	0.217259	0.197943	0.031654	0.188649	0.169915
## 150	0.230091	0.275662	0.048067	0.157139	0.226511
## 166	0.294250	0.233873	0.245019	0.589376	0.717016
## 167	0.294250	0.164226	0.162955	0.308422	0.339705
## 168	0.435400	0.233873	0.327082	0.524540	0.660420
## 184	0.307082	0.192085	0.212193	0.296709	0.264243
## 185	0.114605	0.373169	0.417351	0.502928	0.320839
## 186	0.358409	0.707479	0.860493	0.632599	0.471764
## 202	0.268587	0.197943	0.247361	0.308422	0.396302
## 203	0.242923	0.233873	0.359907	0.351646	0.509495
## 204	0.281418	0.442817	0.450177	0.502928	0.792479
## 220	0.508692	0.135479	0.148130	0.283152	0.093423
## 221	0.246661	0.167499	0.162095	0.283152	0.121356
## 222	0.639708	0.280772	0.608978	0.820788	0.531390
## 238	0.377677	0.288776	0.525187	0.615974	0.687593
## 239	0.277401	0.143484	0.203991	0.667178	0.277560
## 240	0.459561	0.255552	0.539152	0.769585	0.609492
## 256	0.410430	0.127474	0.190026	0.257551	0.179933
## 257	0.263038	0.207523	0.678803	0.615974	0.414238
## 258	0.574200	0.192718	0.455362	0.692780	0.316610
## 274	0.197530	0.095455	0.203991	0.180745	0.199458
## 275	0.213907	0.087450	0.176061	0.206347	0.152000
## 276	0.508692	0.295576	0.818454	0.743983	0.550915
## 292	0.213907	0.088656	0.061346	0.152077	0.140882
## 293	0.361300	0.127474	0.413467	0.283152	0.171525
## 294	0.279415	0.135479	0.301746	0.308754	0.492339
## 310	0.115646	0.120675	0.273816	0.155144	0.179933
## 311	0.344923	0.063436	0.092270	0.334356	0.570441
## 312	0.525069	0.175503	0.329676	0.283152	0.258034
## 328	0.024977	0.049914	0.074173	0.204572	0.127225
## 329	0.024977	0.033509	0.104856	0.174645	0.127225
## 330	0.064505	0.041711	0.139275	0.238032	0.163587
## 346	0.073785	0.066318	0.039754	0.074264	0.099953

## 347	0.243469	0.058116	0.033485	0.107724	0.081772
## 348	0.236480	0.130540	0.161819	0.275026	0.172677
## 364	0.259739	0.271380	0.179963	0.263873	0.318211
## 365	0.129583	0.304189	0.080443	0.282646	0.327301
## 366	0.341086	0.228970	0.259471	0.308486	0.527293
## 382	0.235335	0.213963	0.155550	0.282646	0.672656
## 383	0.219065	0.189355	0.131137	0.282646	0.472750
## 384	0.520051	0.384816	0.300160	0.516868	0.763646
## 400	0.292278	0.140140	0.106724	0.196952	0.472750
## 401	0.202796	0.140140	0.147412	0.238032	0.345483
## 402	0.324817	0.197558	0.236927	0.327260	0.672741
## 418	0.398029	0.140140	0.106724	0.420021	0.518202
## 419	0.228345	0.254975	0.145544	0.687704	0.427297
## 420	0.454973	0.279582	0.324573	0.706477	0.618198
## 436	0.126776	0.146136	0.213092	0.052782	0.146282
## 437	0.280399	0.081465	0.202898	0.068836	0.392911
## 438	0.417851	0.991871	0.274257	0.107764	0.449826
## 454	0.231886	0.983385	0.233481	0.197273	0.422864
## 455	0.223801	0.186780	0.304839	0.091709	0.365949
## 456	0.350263	1.000000	0.437362	0.325709	0.734399
## 472	0.126776	0.097365	0.021371	0.019464	0.070396
## 473	0.175288	0.129879	0.031565	0.020673	0.127310
## 474	0.312740	0.471282	0.090764	0.060809	0.544684
## 490	0.183374	0.251809	0.100958	0.060809	0.449826
## 491	0.075359	0.121751	0.041759	0.028700	0.222168
## 492	0.296570	1.000000	0.315033	0.084891	0.506741
## 508	0.199545	0.113622	0.070376	0.043546	0.184225
## 509	0.199545	0.105493	0.041759	0.052782	0.403892
## 510	0.239972	0.357481	0.202898	0.076864	0.430855
## 526	0.110605	0.081107	0.111152	0.051573	0.365949
## 527	0.142947	0.089236	0.080570	0.027491	0.184225
## 528	0.256142	1.000000	0.467944	0.108973	0.650522
## 544	0.196864	0.048994	0.079277	0.096321	0.098253
## 545	0.299948	0.141207	0.181579	0.316731	0.219383
## 546	0.864506	0.474059	0.641941	0.669386	0.448185
## 562	0.345112	0.239195	0.232731	0.118362	0.138630
## 563	0.513016	0.461097	0.437336	0.338772	0.246301
## 564	0.671093	0.698848	0.693092	0.448976	0.421267
## 580	0.458024	0.252158	0.590790	0.404894	0.467022
## 581	0.119289	0.064844	0.074177	0.080006	0.165547
## 582	0.661265	0.410659	0.483387	0.300416	0.332432
## 598	0.299948	0.128245	0.130428	0.102047	0.098253
## 599	0.309775	0.144095	0.104852	0.206526	0.138630
## 600	0.706430	0.476947	0.948849	0.873481	0.305515
## 616	0.377522	0.204607	0.150904	0.162444	0.157467
## 617	0.219446	0.080694	0.125328	0.140403	0.152088
## 618	0.490434	0.445247	0.744244	0.366539	0.251679
## 634	0.422687	0.175795	0.125328	0.184485	0.179006
## 635	0.435442	0.619598	0.457812	0.382853	0.394349
## 636	0.751594	0.331408	0.232731	0.388580	0.238220
## 652	0.262562	0.169366	0.113217	0.038527	0.075196
## 653	0.183652	0.129043	0.098050	0.045812	0.046067
## 654	1.000000	0.346768	0.219935	0.367452	0.579623
## 670	0.267263	0.233883	0.138678	0.332568	0.099448

## 671	0.228744	0.185495	0.163055	0.131301	0.175414
## 672	0.673087	0.411304	0.577465	1.000000	0.991916
## 688	0.059650	0.129024	0.065547	0.190339	0.050943
## 689	0.086897	0.161302	0.033045	0.131301	0.059027
## 690	0.673087	0.274187	0.154930	0.687943	0.983832
## 706	0.025832	0.056462	0.031961	0.013225	0.010522
## 707	0.019260	0.056462	0.040086	0.013225	0.026691
## 708	0.120716	0.104849	0.049296	0.046961	0.046067
## 724	0.560358	0.120959	0.098050	0.030093	0.046067
## 725	0.109443	0.056442	0.447454	0.325282	0.450276
## 726	0.447629	0.193541	0.414951	0.451792	0.991916
## 742	0.053078	0.048397	0.033045	0.020511	0.034775
## 743	0.041805	0.064526	0.031961	0.013225	0.070319
## 744	0.127288	0.080656	0.049296	0.072263	0.151161
## 760	0.474436	0.169358	0.073487	0.174654	0.147970
## 761	0.474436	0.330644	0.146633	0.221836	0.261150
## 762	0.531035	0.266127	0.154760	0.190837	0.358162
## 778	0.425923	0.443552	0.121568	0.165195	0.183486
## 779	0.458265	0.556455	0.114124	0.118012	0.199655
## 780	0.450179	0.548386	0.195397	0.198929	0.236897
## 796	0.191440	0.233869	0.081614	0.068095	0.175402
## 797	0.191440	0.185482	0.049105	0.068095	0.118812
## 798	0.417837	0.991935	0.179142	0.173286	0.398583
## 814	0.312724	0.161288	0.211651	0.166562	0.264329
## 815	0.231868	0.177417	0.219779	0.132828	0.118812
## 816	1.000000	0.895161	0.187269	0.142287	0.301572
## 832	0.159098	0.379031	0.227906	0.181378	0.215823
## 833	0.239954	0.249998	0.235351	0.116645	0.164139
## 834	0.579549	0.322579	0.268542	0.166562	0.280498
## 850	0.377409	0.129030	0.154760	0.068095	0.134980
## 851	0.280382	0.072578	0.056550	0.076187	0.204560
## 852	0.336981	0.282256	0.130378	0.197561	0.175402
##	mean_ch1_Hand0	mean_ch2_Hand0	mean_ch3_Hand0	mean_ch4_Hand0	mean_ch5_Hand0
## 4	0.006646081	0.023300917	0.037120681	0.026479492	0.016191940
## 5	0.005654320	0.012499797	0.018656395	0.097897861	0.018595291
## 6	0.007354909	0.022153541	0.034870067	0.064018526	0.027712801
## 22	0.137748506	0.052168194	0.059948605	0.008248887	0.030783833
## 23	0.042181705	0.037842146	0.039408480	0.008434875	0.020438867
## 24	0.007528764	0.015288502	0.020863654	0.027422971	0.020283609
## 40	0.004810500	0.014818646	0.018916383	0.011839523	0.016275717
## 41	0.005192200	0.010430458	0.012722133	0.009241607	0.014611415
## 42	0.005290886	0.012081481	0.014267876	0.008998489	0.012738851
## 58	0.004897914	0.010577807	0.014140773	0.019119645	0.015751252
## 59	0.005127696	0.010865402	0.011637202	0.009616225	0.013347688
## 60	0.004649364	0.012744221	0.013631398	0.009125559	0.011691177
## 76	0.005300538	0.015056474	0.013792292	0.008496871	0.011451571
## 77	0.005363652	0.016788549	0.015672336	0.112881496	0.014612527
## 78	0.006598348	0.021080276	0.018345040	0.060911048	0.013477465
## 94	0.011548271	0.026676416	0.037703617	0.068651959	0.022529732
## 95	0.009529334	0.027164238	0.034952076	0.008498937	0.016837328
## 96	0.005949354	0.012953040	0.017786677	0.008395963	0.012355439
## 112	0.059841689	0.034604331	0.028088722	0.013771841	0.013191286
## 113	0.049011242	0.030124273	0.028552137	0.018227863	0.013673689
## 114	0.054957220	0.033918982	0.030339152	0.014635218	0.016399546

## 130	0.031888496	0.022973859	0.019796176	0.015539279	0.015914533
## 131	0.034418389	0.024261696	0.017790998	0.013726444	0.019938901
## 132	0.033517337	0.026070163	0.024133385	0.016514537	0.015160586
## 148	0.030498685	0.023509927	0.021405403	0.018532226	0.013892768
## 149	0.032985320	0.023437307	0.020165896	0.017049887	0.020111699
## 150	0.033111387	0.024638844	0.023286739	0.018755926	0.017303041
## 166	0.047492194	0.031847817	0.031692429	0.025036405	0.028433173
## 167	0.042741927	0.031164383	0.034324649	0.024328190	0.021129780
## 168	0.043678296	0.034200029	0.033305044	0.022641082	0.021958637
## 184	0.041299656	0.033037400	0.026053170	0.020311389	0.032729604
## 185	0.041283329	0.031369401	0.024736724	0.015532796	0.037811629
## 186	0.037391140	0.032353478	0.026356216	0.018790678	0.023554156
## 202	0.041806829	0.034463081	0.034550856	0.022257313	0.020810796
## 203	0.052792610	0.036080960	0.036233197	0.027763489	0.027438775
## 204	0.042914195	0.030015663	0.026240871	0.019272624	0.021490393
## 220	0.047009840	0.038484848	0.033824664	0.041472822	0.015416400
## 221	0.046129266	0.042671883	0.035729524	0.034282821	0.017259417
## 222	0.048810527	0.050172980	0.045081672	0.048020404	0.021931394
## 238	0.072432648	0.067210752	0.064943667	0.064103394	0.024725152
## 239	0.055537383	0.051813998	0.036682848	0.033595750	0.014204421
## 240	0.055736592	0.056959853	0.050487838	0.048561201	0.022110421
## 256	0.051422588	0.053766051	0.048484070	0.052328961	0.019618846
## 257	0.057098627	0.051906156	0.040561096	0.046173473	0.022699298
## 258	0.047394500	0.049125765	0.043589616	0.043667465	0.019579754
## 274	0.038446610	0.037838430	0.031233763	0.027913299	0.011470152
## 275	0.044360528	0.048358460	0.039064361	0.037155915	0.016956724
## 276	0.051470727	0.054785259	0.046548555	0.048098659	0.021303142
## 292	0.033587061	0.026930510	0.018486729	0.023466441	0.011860523
## 293	0.040545051	0.044923850	0.037032752	0.035991387	0.014617502
## 294	0.037120659	0.034643917	0.028006435	0.027036618	0.011538659
## 310	0.034770715	0.027767112	0.018674232	0.021586382	0.012347494
## 311	0.047635034	0.050340119	0.032923171	0.029058393	0.011656363
## 312	0.038998294	0.033839671	0.029013942	0.033107078	0.012896708
## 328	0.016700558	0.005613494	0.005720968	0.004589388	0.008386252
## 329	0.017320989	0.005616580	0.005608882	0.004668136	0.008007904
## 330	0.015452950	0.005518244	0.005961712	0.004935084	0.008611051
## 346	0.017675742	0.017180405	0.026453667	0.008140490	0.011686383
## 347	0.018085935	0.014385023	0.037516875	0.020068281	0.010591792
## 348	0.018220822	0.018021343	0.028513977	0.011266075	0.009523667
## 364	0.042400720	0.026573866	0.045626860	0.028189293	0.036978940
## 365	0.039505838	0.023202462	0.045215644	0.029160210	0.044261381
## 366	0.039863875	0.027012910	0.052108919	0.026722364	0.022641067
## 382	0.044519039	0.039741597	0.059813131	0.032109274	0.025340741
## 383	0.056115019	0.042292856	0.071505435	0.033296748	0.023570780
## 384	0.048900140	0.040421215	0.066861820	0.034621909	0.025809069
## 400	0.045011739	0.032254866	0.049007819	0.026472674	0.019797605
## 401	0.048157982	0.031833141	0.060291364	0.027357016	0.019995460
## 402	0.045514851	0.031736393	0.057497724	0.030941129	0.020442897
## 418	0.054770532	0.040743237	0.066381973	0.027242307	0.022412985
## 419	0.054639481	0.046648144	0.078751312	0.028893581	0.027534510
## 420	0.058299842	0.041688847	0.071047764	0.029391231	0.025493198
## 436	0.014729671	0.017296042	0.020610415	0.013327718	0.018832484
## 437	0.014486862	0.019315075	0.023128990	0.018963523	0.013766267
## 438	0.014649138	0.019678515	0.025170452	0.019706587	0.030491201

## 454	0.027398821	0.027685373	0.029197588	0.026341437	0.067091565
## 455	0.018168992	0.021936473	0.022770187	0.017548135	0.022717848
## 456	0.018238308	0.020923819	0.025398232	0.022252484	0.038109841
## 472	0.005443619	0.010893815	0.012937933	0.012175468	0.017975731
## 473	0.007360855	0.013176658	0.015576940	0.012410882	0.018724386
## 474	0.010287666	0.017628819	0.022376856	0.021922200	0.037910919
## 490	0.009196982	0.016148469	0.022406320	0.022240490	0.033005742
## 491	0.004615728	0.005775767	0.006961937	0.006173103	0.015758397
## 492	0.009979129	0.014650787	0.020607817	0.019098707	0.035888972
## 508	0.008969440	0.011267825	0.016873562	0.014229325	0.015939856
## 509	0.011071675	0.012906925	0.019595045	0.015605086	0.016428703
## 510	0.010288694	0.013422661	0.016676593	0.015681344	0.019710139
## 526	0.019243509	0.015035984	0.019698103	0.012595917	0.013602455
## 527	0.005755196	0.012373957	0.014632209	0.009955235	0.011399683
## 528	0.011513284	0.015676607	0.020616897	0.011926949	0.024885638
## 544	0.012250304	0.012361077	0.007903525	0.022566985	0.007293287
## 545	0.012702694	0.016169373	0.015451210	0.039150469	0.015977210
## 546	0.030829497	0.025264626	0.026847711	0.065566504	0.036082616
## 562	0.021445240	0.016223494	0.013654281	0.046552896	0.021365227
## 563	0.028575512	0.023127123	0.029349885	0.091399637	0.069315010
## 564	0.033433642	0.022627119	0.020647941	0.051250014	0.029293084
## 580	0.045127386	0.041486718	0.042010890	0.057733802	0.030436918
## 581	0.009371400	0.011620914	0.010532581	0.016124424	0.007766444
## 582	0.021380441	0.022902090	0.023523893	0.044985478	0.022444752
## 598	0.026792069	0.021994992	0.027786794	0.063086984	0.024394375
## 599	0.020851771	0.014530629	0.013484887	0.031890471	0.013038367
## 600	0.024961172	0.027125118	0.026367845	0.043236657	0.026372101
## 616	0.021632663	0.015063131	0.019198531	0.050148925	0.019260973
## 617	0.014888885	0.015478493	0.015726894	0.041557695	0.013745101
## 618	0.015971436	0.015061014	0.015070838	0.043263348	0.017616812
## 634	0.021152862	0.028878423	0.031839977	0.042298219	0.019411119
## 635	0.034520625	0.042705383	0.048176073	0.064261144	0.041102567
## 636	0.016313864	0.021914254	0.022664087	0.039065659	0.022783833
## 652	0.009647465	0.013054527	0.011208544	0.017605981	0.015493815
## 653	0.009673596	0.017796456	0.014884038	0.018739190	0.016702596
## 654	0.012880221	0.017287358	0.012662671	0.023078956	0.017972386
## 670	0.013341676	0.028198879	0.024002632	0.022734306	0.026985513
## 671	0.015589690	0.021503421	0.016933169	0.023457794	0.021003106
## 672	0.023961196	0.033144731	0.025244272	0.036868603	0.022070953
## 688	0.012713710	0.019546935	0.010808794	0.009241054	0.011850150
## 689	0.008423685	0.021248862	0.015337942	0.012985321	0.010728116
## 690	0.013971530	0.021090002	0.016377224	0.022534036	0.013942637
## 706	0.003509687	0.009537587	0.004631224	0.006414288	0.005161611
## 707	0.003252629	0.009110996	0.004221422	0.005658019	0.005256377
## 708	0.004696222	0.009609754	0.004591823	0.007431317	0.005992481
## 724	0.013361050	0.012610037	0.007355963	0.013594545	0.005673269
## 725	0.015997790	0.019565357	0.015566196	0.014738583	0.006432848
## 726	0.014121314	0.019387831	0.018665856	0.022684781	0.009113567
## 742	0.009282883	0.011691943	0.007499635	0.009485365	0.005676641
## 743	0.011561209	0.010848498	0.005613356	0.006826256	0.004752834
## 744	0.012771730	0.011229701	0.006128753	0.008272203	0.005265238
## 760	0.201714234	0.032417014	0.042123016	0.054854320	0.029691020
## 761	0.053259500	0.025446783	0.018219680	0.019505098	0.025406777
## 762	0.031925580	0.017724174	0.028931567	0.028341550	0.017808425

## 778	0.012260075	0.031337772	0.036078669	0.031468643	0.040111821
## 779	0.012657308	0.033874895	0.049363205	0.034895509	0.047487607
## 780	0.017364852	0.025333741	0.031081103	0.025885260	0.019428042
## 796	0.010428841	0.019223664	0.020873140	0.021696944	0.022178338
## 797	0.007297146	0.015711671	0.018084554	0.018119979	0.013257133
## 798	0.015671941	0.019441554	0.029419874	0.030534175	0.043058307
## 814	0.008556659	0.017740907	0.022591563	0.023395498	0.020179168
## 815	0.009708813	0.016933271	0.026994746	0.020815138	0.017641721
## 816	0.079146181	0.023615065	0.033112203	0.057262740	0.025069884
## 832	0.010597317	0.012448817	0.013257362	0.015637683	0.022363131
## 833	0.007606553	0.014801537	0.018117234	0.018689230	0.017011980
## 834	0.016400167	0.024294785	0.034471609	0.033834226	0.020121431
## 850	0.009763930	0.021802166	0.032834029	0.036910719	0.020035916
## 851	0.027938454	0.015812823	0.049431967	0.040984519	0.011811858
## 852	0.009902773	0.020294115	0.024793876	0.020054668	0.014787693
##	mean_ch6_Hand0	mean_ch7_Hand0	mean_ch8_Hand0	std_ch1_Hand0	std_ch2_Hand0
## 4	0.008694153	0.015973631	0.007486321	0.004823953	0.024265277
## 5	0.007167096	0.014655770	0.006704930	0.003868674	0.011661967
## 6	0.017065246	0.022959806	0.014205330	0.008093935	0.025961499
## 22	0.011790508	0.032301183	0.038616629	0.205539642	0.063423400
## 23	0.008274129	0.020336076	0.021074018	0.078373242	0.049453502
## 24	0.014207444	0.023844044	0.014339852	0.008119286	0.020501951
## 40	0.005576945	0.012575439	0.006556695	0.002962799	0.014432046
## 41	0.006172762	0.012928812	0.004645972	0.003646625	0.009321008
## 42	0.005826738	0.012360113	0.005011827	0.004646744	0.013209980
## 58	0.008384619	0.016385506	0.006735129	0.003782431	0.008922382
## 59	0.006213837	0.014808081	0.007806752	0.003822056	0.010331011
## 60	0.005715048	0.013027195	0.005176629	0.003297951	0.013705898
## 76	0.005896224	0.015699292	0.008238925	0.003663642	0.019121239
## 77	0.005803080	0.014245711	0.006426336	0.003704259	0.018132352
## 78	0.006572383	0.018945992	0.011301288	0.006870327	0.027177650
## 94	0.010977676	0.033100010	0.032448779	0.010256508	0.031281181
## 95	0.009348467	0.019899402	0.011934500	0.010086422	0.036397579
## 96	0.007229123	0.017510477	0.008760713	0.005734176	0.017145389
## 112	0.005368097	0.023814455	0.025304398	0.055488773	0.031524360
## 113	0.005902295	0.023058410	0.022700373	0.038778115	0.024441385
## 114	0.007700476	0.024468647	0.023495427	0.051171398	0.029086620
## 130	0.008826215	0.016308617	0.009801289	0.018800978	0.015928360
## 131	0.006477861	0.019443359	0.017584292	0.026014027	0.015680409
## 132	0.008216932	0.019234197	0.015146377	0.023909410	0.018890653
## 148	0.004267869	0.013864470	0.010479716	0.019387871	0.015343860
## 149	0.004697748	0.014919215	0.011420121	0.023523982	0.014787445
## 150	0.004179079	0.013469488	0.010652669	0.022151654	0.016149492
## 166	0.023611627	0.043939161	0.038866492	0.043370531	0.026485766
## 167	0.019227220	0.035097653	0.024764401	0.032974997	0.024978686
## 168	0.016529131	0.032962116	0.025780104	0.035674585	0.030169858
## 184	0.028950658	0.032511262	0.022671346	0.032238321	0.026303286
## 185	0.036894964	0.039267609	0.025908470	0.033606331	0.023168976
## 186	0.020362379	0.029625856	0.018784093	0.028630647	0.028016202
## 202	0.018917871	0.026420629	0.021232410	0.033648560	0.030107842
## 203	0.028175366	0.045456188	0.037906777	0.041596604	0.028319487
## 204	0.020383858	0.036556608	0.031859858	0.036165109	0.023714772
## 220	0.017645385	0.029501316	0.017661793	0.037746091	0.033364433
## 221	0.025420319	0.030733649	0.019434915	0.037264855	0.039667855

## 222	0.032568003	0.037026459	0.022355282	0.043560405	0.051225025
## 238	0.046680648	0.080391256	0.055749407	0.061417271	0.059952099
## 239	0.027269308	0.054930169	0.033445925	0.046729561	0.047020510
## 240	0.035563015	0.045561059	0.029284956	0.050419349	0.058420011
## 256	0.028695836	0.034375828	0.022600818	0.045249040	0.060119589
## 257	0.042279590	0.054667923	0.030860056	0.049733127	0.046422076
## 258	0.031869634	0.038335435	0.022427813	0.041281324	0.047032490
## 274	0.020743411	0.021863519	0.016142525	0.032169741	0.036481269
## 275	0.021764127	0.024622470	0.017600016	0.037232466	0.040285257
## 276	0.034724070	0.041949986	0.025481428	0.046682046	0.056247819
## 292	0.011089291	0.016318227	0.012474877	0.026751662	0.021139251
## 293	0.020372691	0.027627496	0.019734320	0.034319303	0.035404477
## 294	0.016804348	0.023491187	0.017306461	0.030552945	0.031330536
## 310	0.020214044	0.016802298	0.012134886	0.027555697	0.021867435
## 311	0.015308343	0.037475202	0.033220510	0.040373541	0.055156878
## 312	0.017792016	0.020679422	0.014419820	0.031862898	0.028257999
## 328	0.011336237	0.025668261	0.019665343	0.013131606	0.002621624
## 329	0.011732768	0.026966748	0.021299944	0.012139906	0.002451109
## 330	0.012682354	0.027599558	0.019843668	0.010228780	0.002281138
## 346	0.004027982	0.009324518	0.011030006	0.015896119	0.017853005
## 347	0.004357929	0.010505483	0.007426646	0.016997987	0.015329720
## 348	0.004038157	0.008331148	0.006106353	0.019905438	0.021536182
## 364	0.014305612	0.028102914	0.038643562	0.046220436	0.028005067
## 365	0.011659837	0.027613833	0.037016687	0.041173977	0.022926638
## 366	0.010926371	0.021710716	0.031265027	0.040431483	0.029030837
## 382	0.020851666	0.029027991	0.040893662	0.047576247	0.052841626
## 383	0.017605705	0.038879877	0.049728916	0.065377468	0.052980322
## 384	0.021716757	0.035488953	0.039660644	0.056517433	0.057712844
## 400	0.014513150	0.027716616	0.039230612	0.047284632	0.038820351
## 401	0.013691569	0.024095839	0.039330161	0.048067581	0.036489953
## 402	0.014118716	0.025740720	0.035555604	0.051173812	0.037970954
## 418	0.014272814	0.036467157	0.042396114	0.064423898	0.047007802
## 419	0.017026877	0.043253083	0.040383481	0.065155287	0.062450628
## 420	0.018510147	0.041461360	0.045214603	0.070690028	0.062206704
## 436	0.012435720	0.007354996	0.018041105	0.021611283	0.023846345
## 437	0.016386167	0.009020075	0.027090204	0.017957366	0.021101504
## 438	0.012035745	0.007776765	0.035950033	0.017393213	0.022648516
## 454	0.023740073	0.012466899	0.025680920	0.066369096	0.031377011
## 455	0.019067408	0.009552890	0.036630252	0.028146337	0.025528276
## 456	0.024142739	0.012643486	0.045432024	0.030015418	0.026150852
## 472	0.004595466	0.004268597	0.010733330	0.006555034	0.010458195
## 473	0.005993205	0.004785020	0.017246013	0.008566296	0.013425005
## 474	0.007138622	0.005193651	0.019422324	0.011209674	0.018090764
## 490	0.013594553	0.006690012	0.023694480	0.010228798	0.016917363
## 491	0.006178866	0.004522166	0.011387390	0.006425427	0.003724126
## 492	0.014463653	0.006946922	0.027220009	0.011049772	0.014899359
## 508	0.008084067	0.006107640	0.020610313	0.010120169	0.012737969
## 509	0.007382651	0.005959944	0.023143690	0.014830855	0.015730224
## 510	0.008616530	0.005592177	0.020378308	0.015142705	0.015299511
## 526	0.009695049	0.008799094	0.061178036	0.019944210	0.014059519
## 527	0.007949959	0.004813649	0.014865039	0.007385872	0.012804047
## 528	0.015581967	0.006318070	0.022064845	0.015034609	0.018088848
## 544	0.008851369	0.011094654	0.007391669	0.013419016	0.013610407
## 545	0.018656167	0.019719740	0.011900402	0.013521720	0.018095064

## 546	0.041557690	0.033811482	0.030613532	0.041330569	0.031911387
## 562	0.020787944	0.017656996	0.016291154	0.021723425	0.015437579
## 563	0.072199050	0.051082621	0.037212808	0.027347261	0.022801234
## 564	0.036651070	0.034087212	0.029071880	0.042138041	0.029013036
## 580	0.044953825	0.055436675	0.048945075	0.054690902	0.059388413
## 581	0.012891030	0.012982208	0.010343870	0.013326169	0.014534896
## 582	0.023689743	0.021326378	0.019029354	0.030569808	0.036105240
## 598	0.022758155	0.017240349	0.016378800	0.032335209	0.023219573
## 599	0.014212302	0.017680877	0.016896654	0.025466963	0.021053352
## 600	0.026284148	0.023467605	0.021361522	0.032387882	0.036432961
## 616	0.019189640	0.020898788	0.016521046	0.027049487	0.019229093
## 617	0.014088000	0.015889118	0.016370743	0.015925580	0.019087954
## 618	0.017755407	0.018533464	0.016535405	0.020024639	0.018248873
## 634	0.020724837	0.020898785	0.017407008	0.024085055	0.035836147
## 635	0.036858498	0.038709379	0.036770702	0.037038265	0.056740984
## 636	0.019762854	0.018854541	0.014758398	0.022960350	0.029124266
## 652	0.014073321	0.006538104	0.008422521	0.011122564	0.010824256
## 653	0.011775606	0.006891908	0.007934375	0.010574728	0.017535201
## 654	0.012579476	0.009461833	0.012396874	0.023409909	0.017536829
## 670	0.013573121	0.017203482	0.011857801	0.015677831	0.037522747
## 671	0.012670552	0.015962373	0.018777231	0.017483126	0.029497864
## 672	0.015951394	0.016561111	0.020107800	0.040670835	0.039551387
## 688	0.005803269	0.009564321	0.007642187	0.020132753	0.020627804
## 689	0.004868621	0.007330457	0.006350927	0.009636707	0.022226382
## 690	0.008814760	0.011639018	0.018198218	0.025793501	0.023631406
## 706	0.003709208	0.004199750	0.003989476	0.005549883	0.005700723
## 707	0.004015190	0.004237289	0.003961795	0.005374868	0.005766031
## 708	0.004120150	0.004423967	0.004371128	0.006924220	0.006000384
## 724	0.006688666	0.005263267	0.005199084	0.018009083	0.010923694
## 725	0.024016750	0.017486047	0.019659306	0.021573393	0.023951074
## 726	0.012685091	0.010999142	0.015260559	0.020460200	0.021894285
## 742	0.003978412	0.004708609	0.005904385	0.013196255	0.009138931
## 743	0.004049050	0.004391841	0.005313302	0.016019810	0.007968709
## 744	0.004464041	0.005331695	0.007867550	0.016415531	0.008292906
## 760	0.014450719	0.020189504	0.023191188	0.302451003	0.035422251
## 761	0.016716756	0.028257312	0.032135379	0.077758087	0.032522105
## 762	0.011022290	0.009589646	0.011472100	0.125571990	0.024733381
## 778	0.014896226	0.015128468	0.017952121	0.013445117	0.040085684
## 779	0.015627540	0.013767408	0.017895683	0.016610124	0.043513429
## 780	0.010906729	0.013721268	0.014414919	0.028584218	0.040707082
## 796	0.008920677	0.009189168	0.012766034	0.014069050	0.023239880
## 797	0.005874777	0.006477725	0.011462115	0.008030300	0.025368521
## 798	0.010150177	0.010316741	0.011648386	0.027578473	0.024417525
## 814	0.014099054	0.011758562	0.016590506	0.010723675	0.019774933
## 815	0.018043950	0.012305400	0.013484067	0.009688495	0.020001443
## 816	0.013224415	0.011232299	0.015588301	0.176605939	0.027958796
## 832	0.018120327	0.018578504	0.022452471	0.013711189	0.017113758
## 833	0.015663635	0.011213545	0.013346717	0.008671105	0.015907548
## 834	0.012455121	0.011321053	0.013562649	0.024624707	0.030252869
## 850	0.010314193	0.008258229	0.008044123	0.011595039	0.043953678
## 851	0.006920165	0.008072760	0.013121462	0.040620379	0.015084421
## 852	0.008226502	0.008234252	0.009503626	0.016576651	0.029703095
##	std_ch3_Hand0	std_ch4_Hand0	std_ch5_Hand0	std_ch6_Hand0	std_ch7_Hand0
## 4	0.038105875	0.114326875	0.014358806	0.011301962	0.012543769

## 5	0.021230103	0.184782895	0.015707315	0.007712767	0.011076196
## 6	0.041369708	0.159119648	0.032746277	0.025074900	0.033780831
## 22	0.065392578	0.003727263	0.037831511	0.013065163	0.045580575
## 23	0.048751898	0.003438926	0.021031373	0.009126828	0.023518930
## 24	0.027759563	0.101638532	0.022086026	0.020271407	0.025837798
## 40	0.020426366	0.011623375	0.016126646	0.006456306	0.010081447
## 41	0.014252437	0.005884095	0.014514632	0.007773338	0.011185081
## 42	0.018025527	0.005901508	0.012688157	0.007510562	0.010983491
## 58	0.014352617	0.020038807	0.012679540	0.010017482	0.015902155
## 59	0.011348762	0.007345035	0.011598849	0.007576237	0.013640958
## 60	0.015154251	0.006024643	0.009730637	0.007809639	0.011975494
## 76	0.015634424	0.003212372	0.008871502	0.007606811	0.013298248
## 77	0.016883371	0.198819070	0.012472892	0.007399911	0.011372143
## 78	0.022046306	0.143446721	0.013162236	0.008838966	0.020149936
## 94	0.046122346	0.174096888	0.020214792	0.013428818	0.038834172
## 95	0.045978386	0.003440719	0.015296597	0.010587798	0.016966078
## 96	0.026474752	0.003346826	0.011403335	0.009985627	0.021335525
## 112	0.033818375	0.016280667	0.012200099	0.005728920	0.024337127
## 113	0.029297151	0.021484506	0.013221864	0.005829682	0.023901770
## 114	0.035082473	0.016192604	0.018447599	0.009382133	0.027282625
## 130	0.019662299	0.015468838	0.019695313	0.012406956	0.014686236
## 131	0.016469482	0.015267898	0.028693390	0.010267659	0.026740433
## 132	0.025379953	0.019472573	0.015535594	0.012593734	0.023958580
## 148	0.021146463	0.018321414	0.014071131	0.004287175	0.012368612
## 149	0.019938915	0.019203078	0.023591965	0.004917733	0.016557748
## 150	0.022917166	0.019409511	0.018738856	0.004246575	0.012429826
## 166	0.033929342	0.027067559	0.030803780	0.033485251	0.058888198
## 167	0.033673036	0.031599570	0.024091645	0.025789947	0.041240980
## 168	0.034875955	0.025681108	0.022574662	0.025514857	0.041954606
## 184	0.024706864	0.023934484	0.034419055	0.032609411	0.032835828
## 185	0.021326975	0.014440393	0.047743641	0.051055697	0.051730285
## 186	0.028132187	0.023787999	0.031975159	0.038046472	0.036339403
## 202	0.037708050	0.026936788	0.024515319	0.032001889	0.033623320
## 203	0.033682644	0.030664943	0.030369171	0.047042849	0.057171043
## 204	0.026376711	0.023623647	0.027415203	0.031492677	0.045324620
## 220	0.041794847	0.049438023	0.018672370	0.018196929	0.035459954
## 221	0.038740971	0.034684813	0.019208227	0.024068526	0.034583308
## 222	0.053060692	0.052029753	0.023740698	0.038260261	0.046406728
## 238	0.068485595	0.059345279	0.027801354	0.060651820	0.085331245
## 239	0.034227394	0.038291158	0.015752024	0.028048315	0.074783980
## 240	0.055250464	0.051048127	0.023584581	0.044043063	0.053024315
## 256	0.054832448	0.051550515	0.017900843	0.029243303	0.037057095
## 257	0.042947909	0.048945322	0.024554039	0.064256018	0.070279779
## 258	0.047703599	0.047880079	0.021372926	0.040170880	0.046638070
## 274	0.032943199	0.028068184	0.012987334	0.027225521	0.027021593
## 275	0.037486416	0.036027203	0.014751723	0.020463626	0.023878436
## 276	0.050015741	0.050044978	0.023774283	0.049436932	0.057036139
## 292	0.019022456	0.027395804	0.011798488	0.008040581	0.019150592
## 293	0.040270336	0.038469368	0.015202959	0.030883472	0.032940389
## 294	0.031266042	0.029057988	0.012456897	0.020267594	0.028724613
## 310	0.018557159	0.021631836	0.013629289	0.023969182	0.018620853
## 311	0.032046102	0.030074406	0.010536741	0.013785340	0.050490924
## 312	0.030986864	0.036669830	0.013567735	0.022333635	0.025043346
## 328	0.004537991	0.005212500	0.006909198	0.012445086	0.029301690

## 329	0.004294453	0.005136134	0.006247366	0.013197980	0.030674300
## 330	0.004885698	0.005426162	0.006656097	0.013987043	0.030128505
## 346	0.029441624	0.010369303	0.010953262	0.004733697	0.008326310
## 347	0.041320984	0.029634516	0.009012649	0.005331605	0.013329734
## 348	0.031846186	0.016074003	0.008768463	0.007629029	0.016000409
## 364	0.046697448	0.032399026	0.038878032	0.021358767	0.040024074
## 365	0.040563898	0.025289898	0.045165816	0.013059493	0.034876441
## 366	0.052323446	0.028077727	0.022096409	0.015809658	0.027874335
## 382	0.057655995	0.033334296	0.026058069	0.028075948	0.037382869
## 383	0.069937026	0.032496684	0.024647567	0.020977187	0.047976425
## 384	0.070532521	0.038161805	0.028125983	0.029196927	0.045111315
## 400	0.051488082	0.029553237	0.019790045	0.017191383	0.033781967
## 401	0.058869567	0.028246560	0.020525870	0.017808079	0.030362367
## 402	0.058474408	0.032059306	0.021600537	0.018899917	0.033621164
## 418	0.069144127	0.031332014	0.022665152	0.015287127	0.052094660
## 419	0.083897119	0.031069702	0.030075621	0.019394982	0.062577456
## 420	0.076762877	0.032246328	0.027682997	0.024050175	0.058967151
## 436	0.026880985	0.013492052	0.021154888	0.022300859	0.007831678
## 437	0.026200387	0.024625586	0.011381038	0.024900145	0.009499471
## 438	0.028458942	0.027693769	0.059809960	0.018870320	0.008024655
## 454	0.032447053	0.035550362	0.116518598	0.028138170	0.016806037
## 455	0.026953205	0.026329359	0.024585557	0.028231253	0.010913065
## 456	0.029850282	0.028604381	0.093389068	0.035801321	0.019808472
## 472	0.012821214	0.013974511	0.014986093	0.005208966	0.001982675
## 473	0.017265551	0.017435146	0.016589540	0.006095136	0.002847255
## 474	0.022049117	0.024874565	0.040348006	0.007550077	0.003816321
## 490	0.021884811	0.025384738	0.035612682	0.014691545	0.006702288
## 491	0.005638103	0.006427951	0.016811118	0.006887347	0.002836476
## 492	0.021183061	0.024663351	0.078317993	0.019748082	0.007092341
## 508	0.019952800	0.021271198	0.013921295	0.008581398	0.005472623
## 509	0.024386927	0.023333413	0.016045566	0.006625964	0.005709510
## 510	0.019684871	0.020992946	0.023447580	0.010746474	0.004821431
## 526	0.018978987	0.014285163	0.010638580	0.011183983	0.008011444
## 527	0.013956946	0.014112290	0.010109375	0.011110265	0.003033113
## 528	0.023734853	0.014829325	0.086457136	0.022551553	0.006263921
## 544	0.007010523	0.023435121	0.008351153	0.011019910	0.007063811
## 545	0.015798951	0.044389088	0.018081026	0.022447286	0.030489169
## 546	0.034861393	0.076759817	0.040482879	0.049736635	0.043076051
## 562	0.018640970	0.056255923	0.025286972	0.026660248	0.016946559
## 563	0.031563642	0.083757998	0.071651597	0.073191111	0.052298891
## 564	0.027743352	0.063768817	0.048914158	0.053729765	0.045204353
## 580	0.058134802	0.061648442	0.036826776	0.055209534	0.064982995
## 581	0.014539745	0.014979381	0.009756142	0.014034610	0.008906259
## 582	0.037259119	0.065714216	0.035560376	0.032726343	0.025950239
## 598	0.027546253	0.052193700	0.021789432	0.022427086	0.013907383
## 599	0.018987634	0.039533916	0.018904833	0.017852312	0.020666818
## 600	0.037669797	0.052837689	0.038424428	0.038542297	0.031546572
## 616	0.022112690	0.052440116	0.023748299	0.022054608	0.023930081
## 617	0.017556001	0.037657675	0.014258888	0.017717377	0.016223781
## 618	0.018236876	0.050224230	0.023868179	0.024082223	0.021769104
## 634	0.040008509	0.045992899	0.023734195	0.021472728	0.020065653
## 635	0.060017679	0.069632737	0.061012447	0.045933907	0.043453058
## 636	0.030306726	0.048739771	0.025438032	0.022458993	0.024528914
## 652	0.012225423	0.022841066	0.022775300	0.016408418	0.005196227

## 653	0.017384717	0.018348028	0.021809729	0.013783136	0.006184210
## 654	0.015538302	0.039474926	0.026377960	0.016115443	0.015987162
## 670	0.039761957	0.031643722	0.033784816	0.015281510	0.025172039
## 671	0.030497111	0.029506060	0.024034084	0.015634689	0.018169999
## 672	0.036688798	0.046346928	0.029641840	0.025747652	0.033975933
## 688	0.018272276	0.008825841	0.018002277	0.007851031	0.015361917
## 689	0.021551655	0.013298870	0.014944934	0.005409874	0.010031497
## 690	0.023931400	0.033911681	0.019042177	0.012414769	0.026467197
## 706	0.002031195	0.004158131	0.008298476	0.005218848	0.001547369
## 707	0.001177915	0.003441764	0.008734918	0.005418776	0.001550564
## 708	0.002141019	0.006800758	0.009053969	0.005721652	0.002082036
## 724	0.007798069	0.031055626	0.009618248	0.008767797	0.003529892
## 725	0.025342024	0.018161516	0.008581247	0.041420412	0.027644631
## 726	0.028564071	0.032847812	0.012946065	0.020858562	0.019016354
## 742	0.008061718	0.008192533	0.007655938	0.005118287	0.002456935
## 743	0.003790680	0.005402099	0.008143841	0.005115764	0.001934700
## 744	0.005641487	0.008229629	0.008366808	0.005711496	0.004137458
## 760	0.045892529	0.055136975	0.029151345	0.013625036	0.023091908
## 761	0.024297230	0.030645525	0.033220829	0.019021326	0.036933752
## 762	0.039943674	0.040941551	0.021417099	0.012761573	0.011954629
## 778	0.045240992	0.039039783	0.052610325	0.015847335	0.019014922
## 779	0.050464520	0.043193472	0.075365077	0.017268317	0.016476510
## 780	0.042701425	0.034103756	0.032099235	0.014265306	0.018581912
## 796	0.024536162	0.024352703	0.031856646	0.011350392	0.009085768
## 797	0.021153480	0.024113707	0.020040321	0.007385156	0.006803842
## 798	0.034509992	0.038355550	0.130847224	0.013028496	0.013846921
## 814	0.024362713	0.029839315	0.022083658	0.018638545	0.018446548
## 815	0.027698284	0.025136187	0.018864393	0.022255577	0.016973752
## 816	0.039037413	0.116105667	0.040654292	0.015470229	0.013364143
## 832	0.016251265	0.019228450	0.038776053	0.025342457	0.025039334
## 833	0.020710221	0.029762760	0.023909714	0.023530930	0.013326359
## 834	0.040842063	0.043122772	0.027632214	0.017210901	0.013813430
## 850	0.043282648	0.038783481	0.020499290	0.012973072	0.009181213
## 851	0.054173403	0.038222993	0.011000853	0.007732091	0.008544129
## 852	0.032469799	0.024741671	0.021777749	0.011281077	0.010565311
##	std_ch8_Hand0	max_ch1_Hand1	max_ch2_Hand1	max_ch3_Hand1	max_ch4_Hand1
## 4	0.008570632	0.042423	0.096026	0.119484	0.051426
## 5	0.007588031	0.034279	0.068625	0.065575	0.026392
## 6	0.027115938	0.115718	0.233029	0.263242	0.577138
## 22	0.069031857	0.153032	0.205628	0.275849	0.101493
## 23	0.040845663	0.539202	0.725994	0.299181	0.159906
## 24	0.021346047	0.185607	0.314984	0.263242	0.293420
## 40	0.010143897	0.026135	0.095779	0.132092	0.034736
## 41	0.006219928	0.083142	0.205628	0.275849	0.059770
## 42	0.007704562	0.074998	0.260183	0.173393	0.051426
## 58	0.009154007	0.017991	0.205381	0.119484	0.076459
## 59	0.009376810	0.039017	0.068625	0.029636	0.026392
## 60	0.007577945	0.034279	0.068378	0.029636	0.034736
## 76	0.011506235	0.026135	0.150580	0.119484	0.026392
## 77	0.007745977	0.047161	0.096026	0.083545	0.034736
## 78	0.020875820	0.123862	0.342385	0.209333	0.057055
## 94	0.047184425	0.034279	0.068625	0.065575	0.034736
## 95	0.014866489	0.050566	0.068378	0.083545	0.051426
## 96	0.013110469	0.050566	0.068378	0.029636	0.043081

## 112	0.032828526	0.358634	0.508724	0.152189	0.072847
## 113	0.030822669	0.122341	0.395353	0.096897	0.101375
## 114	0.029537151	0.206731	0.470933	0.124271	0.186958
## 130	0.014264534	0.080196	0.357562	0.078467	0.144167
## 131	0.034190482	0.122341	0.357562	0.105840	0.144167
## 132	0.029348892	0.156097	0.851733	0.152189	0.329597
## 148	0.016053743	0.097074	0.357562	0.078467	0.172694
## 149	0.021413986	0.113952	0.360457	0.105840	0.144167
## 150	0.017227069	0.147708	0.433143	0.124271	0.201222
## 166	0.069511041	0.139219	0.735467	0.142701	0.201222
## 167	0.041590613	0.113952	0.584305	0.115328	0.229750
## 168	0.046870636	0.206731	0.508724	0.179563	0.443708
## 184	0.033681686	0.130830	0.398247	0.115328	0.286805
## 185	0.040299416	0.122341	0.587200	0.142701	0.301069
## 186	0.029063349	0.156097	0.549409	0.189051	0.429444
## 202	0.033856286	0.097074	0.436038	0.189051	0.326542
## 203	0.055935175	0.122341	0.473828	0.161132	0.329597
## 204	0.053288743	0.189853	0.584305	0.262773	0.586347
## 220	0.015245384	0.221281	0.073591	0.349464	0.148944
## 221	0.018841435	0.109483	0.041085	0.149300	0.090918
## 222	0.027244326	0.389360	0.138602	0.582990	0.458419
## 238	0.080396920	0.185813	0.057338	0.099258	0.226313
## 239	0.040508767	0.211256	0.048305	0.182660	0.323024
## 240	0.039273926	0.465690	0.195487	0.599670	0.535788
## 256	0.023570894	0.236699	0.122349	0.466227	0.439077
## 257	0.039235651	0.313030	0.195487	0.766474	0.400393
## 258	0.026019775	0.389360	0.179234	0.783155	0.729210
## 274	0.018057140	0.134926	0.089844	0.332784	0.129602
## 275	0.018144217	0.109483	0.073591	0.282743	0.110260
## 276	0.033908325	0.338473	0.153948	0.666392	0.709867
## 292	0.013907420	0.094064	0.016706	0.050865	0.071576
## 293	0.022924660	0.160369	0.041085	0.165980	0.148944
## 294	0.022071180	0.262143	0.097970	0.482908	0.381050
## 310	0.012914172	0.134926	0.024833	0.067546	0.090918
## 311	0.054217422	0.109483	0.032959	0.082578	0.110260
## 312	0.014738318	0.262143	0.171108	0.599670	0.574472
## 328	0.021966926	0.383349	0.870301	0.228987	0.144100
## 329	0.023674459	0.450620	0.983788	0.375074	0.192442
## 330	0.021917021	0.607586	0.983788	0.347243	0.524634
## 346	0.013676744	0.278149	0.580706	0.188408	0.121782
## 347	0.010294876	0.641221	0.337520	0.209272	0.224671
## 348	0.012023305	0.674857	0.748708	0.509561	0.643637
## 364	0.052032857	0.237596	0.207821	0.058553	0.071587
## 365	0.051513568	0.136689	0.254231	0.082901	0.055473
## 366	0.043895303	0.394561	0.659540	0.347243	0.667808
## 382	0.059262762	0.372137	0.627116	0.180292	0.160214
## 383	0.068666375	0.551527	0.643328	0.196524	0.095758
## 384	0.059409318	0.524809	1.000000	0.379707	0.419893
## 400	0.055480558	0.311784	0.556387	0.164060	0.192442
## 401	0.051789452	0.192748	0.643328	0.168693	0.111872
## 402	0.053349374	0.372137	0.977909	0.342610	0.297184
## 418	0.065399781	0.540315	0.367718	0.147828	0.136043
## 419	0.057236666	0.506679	0.254231	0.144345	0.121782
## 420	0.070039327	0.809399	0.935151	0.253335	0.160214

## 436	0.019349385	0.252653	0.289509	0.201696	0.131313
## 437	0.040626021	0.543992	0.206618	0.108742	0.073947
## 438	0.045994586	0.341321	0.467131	0.349082	0.311606
## 454	0.034122380	0.353988	0.182935	0.299011	0.180484
## 455	0.044024543	0.138651	0.159252	0.061498	0.131313
## 456	0.065598271	0.531325	0.989376	1.000000	0.483705
## 472	0.008697342	0.176651	0.076361	0.031455	0.024776
## 473	0.018792179	0.151318	0.053896	0.031455	0.024776
## 474	0.026073052	0.163984	0.111886	0.048658	0.123118
## 490	0.035716866	0.201985	0.053896	0.028629	0.090337
## 491	0.017258888	0.037315	0.018371	0.021441	0.016580
## 492	0.038605777	0.125984	0.089420	0.058672	0.139508
## 508	0.020716701	0.089354	0.135569	0.101554	0.082142
## 509	0.031306157	0.075316	0.147410	0.048658	0.024395
## 510	0.026567797	0.125984	0.136786	0.101554	0.139508
## 526	0.065934209	0.315987	0.810536	0.341893	0.229655
## 527	0.018461228	0.138651	0.302567	0.128771	0.180484
## 528	0.027736975	0.315987	0.468349	0.188855	0.213264
## 544	0.005756248	0.181327	0.170833	0.183692	0.113343
## 545	0.020020757	0.397366	0.170833	0.140908	0.099318
## 546	0.038886134	0.522441	0.363319	0.426135	0.399545
## 562	0.020619914	0.169957	0.169717	0.098124	0.061789
## 563	0.039004007	0.023341	0.051265	0.015967	0.024261
## 564	0.037917835	0.306402	0.289286	0.411873	0.499621
## 580	0.056773303	0.101734	0.170833	0.201365	0.124337
## 581	0.014151570	0.147216	0.185640	0.229887	0.088324
## 582	0.026155046	0.545182	0.362202	0.557898	0.263457
## 598	0.015560682	0.078993	0.066071	0.069601	0.150872
## 599	0.020903702	0.056252	0.259673	0.101535	0.088324
## 600	0.028041303	0.385995	0.333705	0.511703	0.150872
## 616	0.019922405	0.158586	0.184524	0.158580	0.075815
## 617	0.018126490	0.238179	0.243750	0.073012	0.086808
## 618	0.021184360	0.317772	0.258556	0.197953	0.099318
## 634	0.019245878	0.556552	0.332589	0.197953	0.124337
## 635	0.038466695	0.215438	0.317783	0.229887	0.161865
## 636	0.019934148	0.863554	0.539881	0.340567	0.275967
## 652	0.009237077	0.075452	0.249240	0.111681	0.171668
## 653	0.007534161	0.093995	0.339005	0.275907	0.147878
## 654	0.025437659	0.406647	0.290042	0.414867	0.705035
## 670	0.015432244	0.093995	0.086031	0.187477	0.097927
## 671	0.021894983	0.072886	0.126834	0.275907	0.098717
## 672	0.044653567	0.721866	0.257400	0.414867	0.515795
## 688	0.007931441	0.351020	0.118673	0.111681	0.049556
## 689	0.006377372	0.276851	0.094192	0.153607	0.041362
## 690	0.050730272	0.425189	0.518534	0.402234	0.475617
## 706	0.002021941	0.035801	0.011894	0.014646	0.033169
## 707	0.002287713	0.035801	0.011894	0.023252	0.024975
## 708	0.002966111	0.239767	0.077871	0.048517	0.106120
## 724	0.004630522	0.075452	0.118673	0.140974	0.147878
## 725	0.040690588	0.205248	0.600139	0.882278	0.892695
## 726	0.036230759	0.186706	0.567497	0.364336	0.483810
## 742	0.004936479	0.091428	0.053390	0.035885	0.098717
## 743	0.005663874	0.054344	0.069711	0.035885	0.081540
## 744	0.010824649	0.149621	0.077871	0.048517	0.115104

## 760	0.026596335	0.261696	0.354903	0.245311	0.090344
## 761	0.039006529	0.212539	0.159013	0.098223	0.164100
## 762	0.017188787	0.728688	0.469466	0.570582	0.262441
## 778	0.023931348	0.073261	0.085849	0.116486	0.155905
## 779	0.027846963	1.000000	0.991838	0.084280	0.188686
## 780	0.020320755	0.515674	0.379389	0.331195	0.696781
## 796	0.019719569	0.041439	0.102173	0.213105	0.090344
## 797	0.018593057	0.089647	0.216442	0.173371	0.164100
## 798	0.018410392	0.491096	0.297768	0.320459	0.254246
## 814	0.033792352	0.155189	0.224310	0.073544	0.155905
## 815	0.017106940	0.041439	0.118203	0.170163	0.246051
## 816	0.021431228	0.302660	0.387551	0.388080	0.655806
## 832	0.031815057	0.048683	0.094011	0.066017	0.048972
## 833	0.018746402	0.114225	0.159307	0.148692	0.081753
## 834	0.018348435	0.237118	0.469172	0.352666	0.532880
## 850	0.011319157	0.130611	0.175631	0.108958	0.262441
## 851	0.017981784	0.114225	0.191662	0.105751	0.090344
## 852	0.013485501	0.360010	0.575279	0.237784	1.000000
##	max_ch5_Hand1	max_ch6_Hand1	max_ch7_Hand1	max_ch8_Hand1	mean_ch1_Hand1
## 4	0.021636	0.018995	0.138244	0.073419	0.005492039
## 5	0.021636	0.018995	0.314606	0.093326	0.004796290
## 6	0.054069	0.997230	0.456463	0.333957	0.004887402
## 22	0.986514	0.997230	0.848117	0.542388	0.022358039
## 23	0.991892	0.997230	0.444224	0.438173	0.049877780
## 24	0.991892	0.997230	0.285114	0.167213	0.006415672
## 40	0.991892	0.997230	0.187201	0.146369	0.005675109
## 41	0.991892	0.997230	0.199440	0.188056	0.008527162
## 42	0.991892	0.997230	0.199440	0.135948	0.007469337
## 58	0.991892	0.380451	0.174962	0.115105	0.004606431
## 59	0.991892	0.067907	0.174962	0.104683	0.005588254
## 60	0.991892	0.508112	0.162722	0.115105	0.004045052
## 76	0.021636	0.991848	0.150483	0.115105	0.004316723
## 77	0.021636	0.714681	0.126005	0.104683	0.004770625
## 78	0.021636	0.519034	0.290127	0.198477	0.004712087
## 94	0.102718	0.018995	0.272875	0.146369	0.005421762
## 95	0.102718	0.018995	0.199440	0.229742	0.005979671
## 96	0.086502	0.018995	0.309593	0.208899	0.004609029
## 112	0.277110	0.242082	0.287597	0.186833	0.023930113
## 113	0.264694	0.148944	0.265334	0.186833	0.018680701
## 114	0.303395	0.633107	0.469331	0.186833	0.017038636
## 130	0.238409	0.184578	0.179917	0.223795	0.014283352
## 131	0.303395	0.229449	0.287597	0.112908	0.013827026
## 132	0.335160	0.424962	0.358018	0.371643	0.016233182
## 148	0.148594	0.334088	0.268968	0.186833	0.015086482
## 149	0.161009	0.390460	0.291230	0.219751	0.015443056
## 150	0.393210	0.516968	0.465698	0.186833	0.016576165
## 166	0.296460	0.217949	0.265334	0.182789	0.021281893
## 167	0.219059	0.230581	0.220809	0.219751	0.020516139
## 168	0.322745	0.482466	0.380281	0.297719	0.018725162
## 184	0.257759	0.288085	0.224443	0.219751	0.019187202
## 185	0.257759	0.207579	0.265334	0.186833	0.019704191
## 186	0.335160	0.413461	0.268968	0.219751	0.015385471
## 202	0.315810	0.207579	0.198547	0.149870	0.016345730
## 203	0.477546	0.368590	0.358018	0.186833	0.019329211

## 204	0.380795	0.322587	0.376647	0.297719	0.019926012
## 220	0.183836	0.156992	0.223871	0.253399	0.028996609
## 221	0.215177	0.140540	0.194020	0.232067	0.024149746
## 222	0.492165	0.305758	0.402978	0.381387	0.030726684
## 238	0.342136	0.236334	0.283574	0.173231	0.031872427
## 239	0.310795	0.176827	0.313425	0.317393	0.036425450
## 240	0.474028	0.395018	0.626861	0.466713	0.039681154
## 256	0.401480	0.414853	0.313425	0.232067	0.042527471
## 257	0.469095	0.216498	0.238797	0.274730	0.041864480
## 258	0.528439	0.385100	0.477606	0.253399	0.035270608
## 274	0.142629	0.090952	0.134318	0.168073	0.028997420
## 275	0.142629	0.176827	0.283574	0.210736	0.024437569
## 276	0.582850	0.325594	0.462680	0.424050	0.034470938
## 292	0.093151	0.107403	0.119416	0.125410	0.021249240
## 293	0.220110	0.127239	0.164169	0.146741	0.026977431
## 294	0.383343	0.395018	0.507457	0.360056	0.028599918
## 310	0.093151	0.137156	0.238797	0.146741	0.023570897
## 311	0.165699	0.117321	0.164169	0.104078	0.024102891
## 312	0.510302	0.216498	0.417903	0.509376	0.024637862
## 328	0.996716	0.550991	0.310651	0.342454	0.040888958
## 329	0.996716	0.436698	0.419495	0.329303	0.034069562
## 330	0.996716	0.787741	0.700677	0.434510	0.038793021
## 346	0.996716	0.591810	0.410425	0.316152	0.024369906
## 347	0.996716	0.444862	0.818592	0.513416	0.038664496
## 348	0.996716	0.550991	0.709748	0.605472	0.044018299
## 364	0.991850	0.550991	0.265299	0.303001	0.019594728
## 365	0.100231	0.281586	0.283440	0.263548	0.018090608
## 366	0.996716	0.461189	0.392284	0.329303	0.021375217
## 382	0.996716	0.567319	0.437636	0.552869	0.036180427
## 383	1.000000	0.355060	0.537410	0.355605	0.033014504
## 384	0.996716	0.616432	0.664396	0.579171	0.039768154
## 400	0.996716	0.281716	0.383214	0.263548	0.036017335
## 401	0.996716	0.444862	0.269854	0.224096	0.021937397
## 402	0.996716	0.616301	0.455777	0.434510	0.029641443
## 418	0.991850	0.428534	0.428566	0.355605	0.039109631
## 419	0.996716	0.322405	0.501129	0.303001	0.023383425
## 420	0.996716	0.616301	0.546481	0.579171	0.040971486
## 436	0.364366	0.160615	0.137138	0.138560	0.021018963
## 437	0.188719	0.233959	0.257571	0.263608	0.022530265
## 438	0.991745	0.328347	0.278105	0.319184	0.018161172
## 454	1.000000	0.295750	0.306299	0.291396	0.026720448
## 455	1.000000	0.160615	0.182388	0.291396	0.014021709
## 456	0.345564	0.339901	0.530108	0.763799	0.019890101
## 472	1.000000	0.136167	0.155934	0.152454	0.009677429
## 473	1.000000	0.160615	0.146536	0.124666	0.007992658
## 474	1.000000	0.193213	0.287503	0.194137	0.008625801
## 490	0.108461	0.128018	0.343890	0.138560	0.012783738
## 491	0.040129	0.075717	0.163593	0.124666	0.006515153
## 492	0.199266	0.258407	0.577097	0.346973	0.008894719
## 508	0.048384	0.059418	0.079012	0.082983	0.008958304
## 509	0.040129	0.062823	0.052557	0.055195	0.007282248
## 510	1.000000	0.124613	0.285765	0.360867	0.008571039
## 526	0.188719	0.087271	0.249912	0.235819	0.037980922
## 527	0.139189	0.168764	0.193525	0.180242	0.018129864

## 528	0.147444	0.209511	0.492517	1.000000	0.017855868
## 544	0.117012	0.259599	0.229204	0.226216	0.020081020
## 545	0.142240	0.218180	0.287852	0.306262	0.022965845
## 546	0.268381	0.493265	0.958109	1.000000	0.020205322
## 562	0.117012	0.261614	0.279474	0.386309	0.020258466
## 563	0.016099	0.058920	0.061640	0.119487	0.006368209
## 564	0.344066	0.607075	0.798923	0.586426	0.013761204
## 580	0.167468	0.580134	0.522442	0.439674	0.007051750
## 581	0.067995	0.247136	0.380012	0.279580	0.014838343
## 582	0.386113	0.623568	0.430282	0.559743	0.020379513
## 598	0.152089	0.288555	0.137044	0.239557	0.009500976
## 599	0.083374	0.174745	0.153801	0.186192	0.007711881
## 600	0.310428	0.319527	0.346499	0.453015	0.014984934
## 616	0.058146	0.203702	0.195692	0.252898	0.012853806
## 617	0.074965	0.174745	0.137044	0.132828	0.017381794
## 618	0.133831	0.334005	0.245961	0.279580	0.016648051
## 634	0.150650	0.406396	0.706763	0.639790	0.030345538
## 635	0.091784	0.174745	0.237583	0.199534	0.017611200
## 636	0.251562	0.681481	0.480551	0.639790	0.026899541
## 652	0.292884	0.195030	0.097571	0.105104	0.012003348
## 653	0.235964	0.292932	0.095133	0.103406	0.016446471
## 654	0.569039	0.989122	0.572701	0.687235	0.017813726
## 670	0.333540	0.227664	0.212430	0.207661	0.012533465
## 671	0.219391	0.151518	0.086754	0.249364	0.009971092
## 672	0.325409	0.577306	0.329728	0.478725	0.017826296
## 688	0.121815	0.184152	0.262701	0.416172	0.023309482
## 689	0.056764	0.216786	0.156219	0.311917	0.018485929
## 690	0.382328	0.434345	0.488917	0.624682	0.018223189
## 706	0.032681	0.044285	0.030543	0.040853	0.008146250
## 707	0.032681	0.022529	0.036484	0.061704	0.007477897
## 708	0.317278	0.108006	0.095133	0.124257	0.008094451
## 724	0.179045	0.412590	0.064057	0.084253	0.010780629
## 725	0.479594	0.303810	0.296214	0.291066	0.020421661
## 726	0.260048	0.423467	0.254322	0.416172	0.012057153
## 742	0.138078	0.173274	0.038922	0.061704	0.011850123
## 743	0.146520	0.086250	0.044862	0.042551	0.009496308
## 744	0.170914	0.316235	0.072435	0.103406	0.011617308
## 760	0.341343	0.495372	0.225314	0.064968	0.033211020
## 761	0.276291	0.405841	0.192695	0.113908	0.016811258
## 762	0.333212	0.503511	0.255807	0.227738	0.024681111
## 778	0.284423	0.234919	0.149797	0.089516	0.006607871
## 779	1.000000	0.186084	0.184541	0.406614	0.121454655
## 780	0.463317	0.568625	0.402590	0.431006	0.014288143
## 796	0.235633	0.291893	0.143768	0.130170	0.005870690
## 797	0.438922	0.381424	0.200850	0.073098	0.010995203
## 798	0.366102	0.536068	0.290551	0.431006	0.020194640
## 814	0.276291	0.129110	0.135613	0.073254	0.010053562
## 815	0.194975	0.332589	0.184541	0.105777	0.008117108
## 816	0.634080	0.812799	0.492290	0.447267	0.016921573
## 832	0.089629	0.063997	0.200850	0.219607	0.006089881
## 833	0.138054	0.291893	0.127459	0.097647	0.011498021
## 834	0.479580	0.552346	0.306860	0.203346	0.014398791
## 850	0.170581	0.259336	0.209005	0.122039	0.007762385
## 851	0.243765	0.454676	0.298705	0.081229	0.011765638

## 852	0.430791	0.413980	0.290551	0.284653	0.010285004
##	mean_ch2_Hand1	mean_ch3_Hand1	mean_ch4_Hand1	mean_ch5_Hand1	mean_ch6_Hand1
## 4	0.019434010	0.013002982	0.005383947	0.011010086	0.011304734
## 5	0.016308367	0.010028298	0.004941024	0.010890663	0.011155274
## 6	0.018738811	0.011956685	0.007337150	0.010878974	0.055345209
## 22	0.034641904	0.028971504	0.013770076	0.060847047	0.312254109
## 23	0.078969028	0.034105415	0.015550022	0.262299506	0.421286246
## 24	0.021289907	0.013869165	0.008381427	0.058817698	0.185729996
## 40	0.018467830	0.014385338	0.006054096	0.170335311	0.096888844
## 41	0.022726015	0.020724050	0.006313802	0.085440842	0.211452508
## 42	0.018862514	0.013939076	0.005393769	0.131773758	0.073920131
## 58	0.019104363	0.010570591	0.005006740	0.146668948	0.015579728
## 59	0.015299908	0.009491283	0.004368692	0.182382283	0.009934458
## 60	0.015000821	0.009026062	0.003823822	0.167640079	0.010930794
## 76	0.020392016	0.018227602	0.006230025	0.012039422	0.289907420
## 77	0.020051958	0.013334200	0.006218546	0.011386573	0.247395587
## 78	0.019180007	0.016399769	0.005749225	0.011728406	0.018339204
## 94	0.016641031	0.009881369	0.005086844	0.028529189	0.011081828
## 95	0.017283827	0.010554220	0.005020081	0.026359829	0.011040226
## 96	0.015286235	0.009234353	0.004163577	0.018829337	0.011225752
## 112	0.063487863	0.018521516	0.012898750	0.030643615	0.026616242
## 113	0.054654621	0.016789343	0.015464104	0.030979047	0.021966822
## 114	0.045880094	0.014126852	0.012471610	0.030336747	0.021217581
## 130	0.040653814	0.014521458	0.016471371	0.034089884	0.020947742
## 131	0.050655107	0.016695976	0.018470728	0.034190661	0.021450431
## 132	0.054485087	0.017662370	0.018938808	0.035283267	0.025599422
## 148	0.048557081	0.016135310	0.014752758	0.024088075	0.031210613
## 149	0.052442482	0.016312296	0.013160772	0.029184679	0.030159601
## 150	0.049619033	0.016413457	0.015191108	0.030127570	0.035036318
## 166	0.060044014	0.020686659	0.023086363	0.035471516	0.029084571
## 167	0.064651572	0.020322857	0.023501166	0.037524785	0.029534137
## 168	0.057722871	0.019857920	0.021944599	0.039131731	0.029934620
## 184	0.060342944	0.022260954	0.043060813	0.035954310	0.029413389
## 185	0.063843373	0.021230089	0.030544273	0.034173555	0.022623142
## 186	0.051340846	0.019274922	0.025967284	0.032365979	0.027984265
## 202	0.055988746	0.022821643	0.028427097	0.042809444	0.027790649
## 203	0.068944137	0.023596486	0.030953504	0.055713977	0.035510961
## 204	0.063459271	0.021607744	0.025431058	0.037745626	0.031712651
## 220	0.008425405	0.023595605	0.024043242	0.031036845	0.027606681
## 221	0.006896351	0.012727817	0.015588179	0.025431679	0.021241835
## 222	0.009132666	0.018675953	0.023146992	0.033985382	0.020428698
## 238	0.006419498	0.013615498	0.018489143	0.027723018	0.023484131
## 239	0.007322258	0.019824534	0.025875492	0.032912786	0.024535663
## 240	0.009820242	0.023364998	0.028085567	0.035844543	0.025525109
## 256	0.014838605	0.046672301	0.042142951	0.050813547	0.028075783
## 257	0.013912067	0.041492127	0.033675357	0.042725474	0.022977427
## 258	0.009736388	0.025319649	0.027687311	0.034924614	0.022739612
## 274	0.006722902	0.014928047	0.014400252	0.015102739	0.010954509
## 275	0.006080304	0.015326833	0.015679696	0.018887652	0.014954321
## 276	0.007981586	0.021645439	0.026739755	0.036363225	0.025069336
## 292	0.004060336	0.007258297	0.011623256	0.016129260	0.013182607
## 293	0.007021796	0.011462369	0.016810970	0.019418657	0.015881897
## 294	0.007273271	0.019036529	0.021692969	0.024472201	0.016418872
## 310	0.004657974	0.008931869	0.012831362	0.016710928	0.017472191

## 311	0.005169430	0.007594139	0.011865076	0.014592740	0.012200637
## 312	0.005432742	0.012166629	0.017192224	0.020440157	0.014838102
## 328	0.065174915	0.027845625	0.018356363	0.252019354	0.053853052
## 329	0.075281993	0.026679886	0.020143560	0.201869190	0.056077009
## 330	0.052014365	0.026824300	0.019822158	0.187128634	0.054975119
## 346	0.027551037	0.012110676	0.008903551	0.142751801	0.045619045
## 347	0.032542488	0.021652533	0.015838525	0.034495979	0.048404400
## 348	0.037547452	0.021984595	0.014577402	0.029854170	0.040721407
## 364	0.023565703	0.009097223	0.009742935	0.133139638	0.036478917
## 365	0.027383169	0.011304592	0.008211465	0.016477665	0.028131271
## 366	0.035394330	0.014715123	0.011494116	0.296130392	0.033601978
## 382	0.051651110	0.024620571	0.018388373	0.223824657	0.043693075
## 383	0.041689994	0.020062526	0.014398696	0.358997815	0.047600731
## 384	0.068131938	0.030553441	0.023652890	0.225667851	0.054169168
## 400	0.063733366	0.022629435	0.015184134	0.209531183	0.039225607
## 401	0.034134056	0.016209343	0.013086955	0.287234045	0.040385612
## 402	0.048350681	0.022892620	0.015687799	0.268515393	0.045165607
## 418	0.053183738	0.021295426	0.019436426	0.121450797	0.048915330
## 419	0.029474281	0.017282819	0.017115731	0.196566729	0.040063458
## 420	0.051741921	0.021408373	0.018043117	0.154790805	0.045878376
## 436	0.021808023	0.014476252	0.012520033	0.032880792	0.021334142
## 437	0.016467327	0.013277985	0.010669000	0.030180640	0.025216935
## 438	0.026843768	0.013771662	0.009742149	0.032293610	0.018841952
## 454	0.020698594	0.012736048	0.012320340	0.278054608	0.035067823
## 455	0.015908233	0.008194780	0.009562662	0.272856532	0.018985599
## 456	0.040939112	0.022845439	0.016323562	0.025244480	0.021263675
## 472	0.007884220	0.004804280	0.003887698	0.123161034	0.013887323
## 473	0.008720895	0.004630835	0.004574946	0.168788330	0.016878663
## 474	0.008188916	0.004352338	0.004317748	0.070703219	0.015528127
## 490	0.008853956	0.004571492	0.006361629	0.020345708	0.024906157
## 491	0.006414487	0.003886849	0.003058772	0.017204338	0.010774147
## 492	0.007399052	0.005135291	0.008534581	0.021484808	0.030230621
## 508	0.012618121	0.007148175	0.004071771	0.017375146	0.007653777
## 509	0.010923494	0.005519854	0.002737240	0.017702877	0.007108992
## 510	0.011095138	0.005292224	0.003830468	0.033992364	0.009843868
## 526	0.084486192	0.036166527	0.021408768	0.027903888	0.016174949
## 527	0.026940498	0.014238847	0.011265597	0.021476974	0.022535332
## 528	0.025405962	0.012882009	0.010192387	0.018225110	0.011968888
## 544	0.024197008	0.013107008	0.012877402	0.015948738	0.038947256
## 545	0.020167444	0.015360862	0.012509414	0.012821610	0.031149584
## 546	0.026892719	0.020046216	0.022421938	0.017796180	0.039555892
## 562	0.022357315	0.010476433	0.009335444	0.011332609	0.027387804
## 563	0.009170804	0.005375347	0.003865793	0.002631808	0.008183800
## 564	0.018362900	0.014031204	0.013904277	0.012989080	0.031348887
## 580	0.014274780	0.013127925	0.010422067	0.014957073	0.028927450
## 581	0.018213201	0.017731530	0.014860227	0.013052308	0.034313488
## 582	0.030388293	0.026644844	0.018599565	0.015744000	0.031944873
## 598	0.012937567	0.008984446	0.011188796	0.012845028	0.027176101
## 599	0.016892338	0.009391133	0.009992544	0.011262871	0.022811852
## 600	0.017669492	0.013844116	0.010820058	0.011564894	0.026190809
## 616	0.026506270	0.015520469	0.010333114	0.008480598	0.026232228
## 617	0.023933106	0.010085005	0.008828361	0.010859273	0.036882641
## 618	0.021229172	0.011118570	0.009582122	0.008633530	0.028759281
## 634	0.031683415	0.021785623	0.019856208	0.018973786	0.045183508

## 635	0.028502506	0.016629523	0.013219400	0.010523108	0.030676727
## 636	0.030353981	0.021637284	0.019377618	0.016752948	0.043093250
## 652	0.014830158	0.013225454	0.016015608	0.020208196	0.027520944
## 653	0.016110191	0.014223592	0.015318676	0.020337172	0.031901492
## 654	0.012886754	0.016533591	0.019187650	0.028518013	0.042600301
## 670	0.009211846	0.016269590	0.009323456	0.024222283	0.027653488
## 671	0.010591087	0.016481951	0.007833739	0.017292551	0.016100571
## 672	0.011034964	0.019590322	0.015927652	0.027267398	0.031703250
## 688	0.009629996	0.011915416	0.005511063	0.009272881	0.021660645
## 689	0.007290289	0.011238722	0.004834873	0.005990563	0.018328653
## 690	0.017063932	0.020999365	0.014089533	0.014427127	0.029069073
## 706	0.004272110	0.005278146	0.003936860	0.005066829	0.006719462
## 707	0.004410108	0.005255772	0.004341494	0.005040052	0.005055060
## 708	0.004477428	0.005203617	0.005597467	0.009525466	0.010971211
## 724	0.007108088	0.010204129	0.012681756	0.014606828	0.031584442
## 725	0.026597304	0.032071855	0.038588984	0.022177864	0.036774301
## 726	0.010184576	0.013301389	0.016432242	0.016427104	0.027139940
## 742	0.006556018	0.006249190	0.009199026	0.013069242	0.021394817
## 743	0.007111429	0.006793784	0.010497222	0.014233450	0.013338218
## 744	0.006550009	0.006419909	0.009945793	0.012562927	0.020095656
## 760	0.033373012	0.028131113	0.014889764	0.026706115	0.040268367
## 761	0.013484196	0.015159644	0.021037400	0.039632283	0.046920427
## 762	0.019327343	0.018949773	0.013023850	0.022310106	0.028784438
## 778	0.007014086	0.010005682	0.011872773	0.019686066	0.022648777
## 779	0.148347869	0.015991491	0.020837813	0.142005968	0.037607784
## 780	0.016773994	0.016825813	0.012646538	0.022762526	0.033879858
## 796	0.006550137	0.007881152	0.005632881	0.013441885	0.021020738
## 797	0.015722009	0.020645121	0.017007116	0.031747420	0.049291906
## 798	0.016194500	0.013346240	0.010208898	0.019213045	0.032637894
## 814	0.014775438	0.011368608	0.013039398	0.024023240	0.021252837
## 815	0.010928796	0.011683773	0.011463996	0.016189025	0.022853065
## 816	0.016685232	0.024403581	0.016749594	0.025473606	0.037762446
## 832	0.010983792	0.011172515	0.007981315	0.010378112	0.011999856
## 833	0.016906285	0.019779494	0.010228584	0.015579955	0.028841666
## 834	0.024274114	0.020933167	0.015699593	0.022154083	0.033867332
## 850	0.013961250	0.012280845	0.011739347	0.017206163	0.026664875
## 851	0.012610377	0.016955598	0.011441994	0.028664527	0.053633560
## 852	0.011820999	0.011130294	0.012390538	0.020811718	0.025386559
##	mean_ch7_Hand1	mean_ch8_Hand1	std_ch1_Hand1	std_ch2_Hand1	std_ch3_Hand1
## 4	0.012645020	0.006952836	0.005503515	0.013848495	0.013236602
## 5	0.026427760	0.010551534	0.004467522	0.008754129	0.006952630
## 6	0.024663511	0.011568026	0.004888147	0.015487570	0.013219738
## 22	0.046778723	0.019099449	0.022081610	0.030035660	0.031443137
## 23	0.056143288	0.029913762	0.067955721	0.106435498	0.040706512
## 24	0.025706320	0.011480539	0.009719915	0.021042866	0.016074380
## 40	0.017338898	0.010123656	0.004856127	0.012442865	0.014878291
## 41	0.025613729	0.014612798	0.009618065	0.020027997	0.025388810
## 42	0.016915986	0.009689858	0.007443711	0.013368266	0.015494675
## 58	0.014365744	0.008094329	0.003698522	0.018375832	0.008920518
## 59	0.016685404	0.009803223	0.005144827	0.006654105	0.004131373
## 60	0.014921094	0.007835166	0.003231967	0.005832802	0.003823054
## 76	0.026043061	0.009557410	0.003391297	0.014661446	0.018431236
## 77	0.025464442	0.009580952	0.004201402	0.014473681	0.011835077
## 78	0.017378688	0.008996067	0.004839735	0.014711786	0.017998970

## 94	0.035856668	0.018886527	0.004786045	0.009151119	0.005600188
## 95	0.036625992	0.019414958	0.006019119	0.009884018	0.006515684
## 96	0.023885134	0.014412582	0.003950660	0.006471562	0.003986903
## 112	0.040079305	0.034137734	0.030882762	0.064036016	0.018308100
## 113	0.033138237	0.029592176	0.017097611	0.049906343	0.014449203
## 114	0.030894853	0.028757939	0.016650732	0.038581364	0.011672789
## 130	0.025715648	0.025038710	0.012678536	0.037678952	0.012412125
## 131	0.030030183	0.025474496	0.012282706	0.047669505	0.014071731
## 132	0.033937994	0.028939396	0.015717562	0.055026852	0.015975377
## 148	0.029723339	0.026914841	0.014013983	0.042677929	0.013163834
## 149	0.031774288	0.027493558	0.014348402	0.046977859	0.013768813
## 150	0.034060504	0.026637819	0.014616104	0.044108328	0.013875117
## 166	0.038113079	0.031020472	0.019773300	0.059854143	0.019766935
## 167	0.036660244	0.034120811	0.018066643	0.065598082	0.018531040
## 168	0.036908221	0.032302610	0.018457759	0.057295455	0.019346991
## 184	0.032599655	0.026374615	0.018573490	0.054697880	0.019377082
## 185	0.031486964	0.027796117	0.017310905	0.059434317	0.017783333
## 186	0.030124732	0.025600867	0.013704195	0.050038505	0.017683134
## 202	0.030780442	0.027401595	0.013952454	0.057533698	0.028373581
## 203	0.034977748	0.031488115	0.018332371	0.073254183	0.026325767
## 204	0.035525051	0.029384226	0.018867827	0.065630646	0.021278165
## 220	0.032922784	0.024142925	0.023675582	0.008891515	0.033064581
## 221	0.025551659	0.022066778	0.018445230	0.006929084	0.016981899
## 222	0.027979861	0.025757317	0.027380280	0.009654282	0.028522147
## 238	0.034850302	0.028343849	0.026205364	0.007501510	0.016190625
## 239	0.047427804	0.046104361	0.031505737	0.006989418	0.024656201
## 240	0.039674475	0.036289760	0.036505140	0.011887735	0.033677809
## 256	0.037404855	0.030860311	0.036034981	0.016239796	0.062985013
## 257	0.032923583	0.032567536	0.038805254	0.018553761	0.074866101
## 258	0.032041355	0.026335869	0.032329387	0.012242193	0.042449118
## 274	0.021261968	0.026146214	0.023839931	0.008017193	0.029286512
## 275	0.021335623	0.021653262	0.019324164	0.007537499	0.026493913
## 276	0.030893089	0.033343731	0.031526800	0.010667482	0.037843888
## 292	0.019506357	0.017972779	0.016058965	0.004336606	0.008505499
## 293	0.022151758	0.021561635	0.023313551	0.006990631	0.014583947
## 294	0.022592336	0.022901350	0.024743057	0.008696644	0.029718502
## 310	0.020389710	0.018284136	0.018253349	0.004813106	0.009882113
## 311	0.021022656	0.019300012	0.018124458	0.004991868	0.009745090
## 312	0.020884604	0.020704819	0.020991556	0.007393274	0.025376132
## 328	0.051048369	0.034225629	0.048515783	0.096213834	0.029644704
## 329	0.045776556	0.029604319	0.045625510	0.132882146	0.037785215
## 330	0.055447910	0.035830904	0.047495657	0.075382722	0.033083839
## 346	0.041621574	0.032637500	0.035119246	0.063429506	0.018386144
## 347	0.053193271	0.040963233	0.061306830	0.046152089	0.029247539
## 348	0.047878779	0.035245694	0.056356812	0.050985888	0.028351819
## 364	0.047324991	0.033044507	0.023079864	0.028560228	0.009332916
## 365	0.038793698	0.026817604	0.018712371	0.038706418	0.012573190
## 366	0.039443707	0.027810684	0.024492378	0.055765109	0.018950179
## 382	0.056445403	0.049266211	0.041546768	0.077108653	0.027797607
## 383	0.048840539	0.036911591	0.047031529	0.073765226	0.025482550
## 384	0.059029577	0.045170858	0.048282765	0.112098323	0.037611037
## 400	0.052609732	0.039512993	0.040908665	0.093924247	0.026589396
## 401	0.040825752	0.028968858	0.026352084	0.056241446	0.019753176
## 402	0.048191778	0.032811811	0.037182062	0.080846713	0.028971516

## 418	0.056140621	0.045072133	0.045268321	0.062315267	0.021262503
## 419	0.044944838	0.031687758	0.043626140	0.042446899	0.020165085
## 420	0.050147582	0.042162363	0.051287995	0.072475586	0.024244875
## 436	0.019606406	0.015695210	0.030479641	0.028542441	0.021337792
## 437	0.031925813	0.024959600	0.040026873	0.021345729	0.017953620
## 438	0.025916055	0.019404499	0.026216702	0.038643641	0.019050930
## 454	0.045324256	0.042588181	0.033629046	0.024294841	0.022085172
## 455	0.023702377	0.021173968	0.016379171	0.018804458	0.009275569
## 456	0.028165800	0.024355879	0.027652245	0.073983176	0.045374664
## 472	0.018425119	0.014770797	0.012237615	0.006358942	0.004782730
## 473	0.018486560	0.012072592	0.010926273	0.007351522	0.004585413
## 474	0.021910899	0.016077511	0.010080591	0.007118415	0.004467823
## 490	0.040569653	0.021605871	0.020689335	0.007779487	0.004355128
## 491	0.023040759	0.015472688	0.006809310	0.002466238	0.003856288
## 492	0.043646426	0.025494932	0.008827500	0.005127821	0.005230232
## 508	0.010369658	0.008680100	0.010787980	0.014750613	0.010589132
## 509	0.008240010	0.006074373	0.007895654	0.011401018	0.006302927
## 510	0.016880577	0.013321843	0.009914820	0.011798709	0.006413205
## 526	0.025461804	0.026263893	0.043348882	0.106012467	0.042286256
## 527	0.026354946	0.022598106	0.020433912	0.040063344	0.019438131
## 528	0.028489363	0.026219056	0.023464827	0.033068979	0.017067029
## 544	0.025102066	0.025241949	0.022117270	0.026064800	0.016217638
## 545	0.020489138	0.024412946	0.029697975	0.022660777	0.019867874
## 546	0.029266932	0.029480108	0.031026441	0.035666438	0.027773965
## 562	0.025390571	0.028840754	0.026395473	0.026548731	0.011976733
## 563	0.011123013	0.013365918	0.006287607	0.005340750	0.005691557
## 564	0.024866016	0.025717535	0.017962349	0.023107080	0.022206142
## 580	0.014935567	0.014338780	0.008589734	0.019325534	0.022255058
## 581	0.029418106	0.026504685	0.016224754	0.020638802	0.023946383
## 582	0.019656609	0.022638429	0.028037532	0.037769549	0.039964921
## 598	0.023110204	0.022161802	0.009415095	0.010591816	0.009608088
## 599	0.017826358	0.017081115	0.007926624	0.026199503	0.012590458
## 600	0.024143480	0.028416571	0.021284637	0.022575464	0.025782914
## 616	0.015196424	0.013758020	0.015524366	0.029725234	0.018425592
## 617	0.019743248	0.017393227	0.019759839	0.025060649	0.011220140
## 618	0.016557342	0.016191912	0.021730039	0.025355426	0.013821078
## 634	0.035636973	0.038419167	0.043962256	0.035916987	0.023878725
## 635	0.023681085	0.027112031	0.023891219	0.037055430	0.022759999
## 636	0.032302876	0.033681486	0.037632997	0.035923145	0.028292846
## 652	0.014165133	0.015810177	0.011832336	0.024866342	0.017202671
## 653	0.017593084	0.017856488	0.014941387	0.025332894	0.019862893
## 654	0.025454027	0.028053087	0.022564302	0.020752734	0.025167898
## 670	0.014289512	0.017725056	0.013252339	0.011504229	0.021604342
## 671	0.010888721	0.015464221	0.011078792	0.013440591	0.025353654
## 672	0.016697895	0.022069236	0.031091249	0.018453319	0.033766459
## 688	0.026395406	0.032746586	0.035840086	0.012060262	0.015563954
## 689	0.018327991	0.023257435	0.025367787	0.008418639	0.017651133
## 690	0.029269882	0.034744370	0.023606059	0.026992106	0.031886981
## 706	0.006169735	0.008307300	0.008811573	0.001318155	0.004882789
## 707	0.005973114	0.007147416	0.008534049	0.001704997	0.004869964
## 708	0.009836736	0.010870871	0.009540376	0.002547260	0.005079842
## 724	0.009452526	0.011467123	0.012617422	0.009432661	0.015519400
## 725	0.017056301	0.020188806	0.027794160	0.059184972	0.074829206
## 726	0.012933514	0.013801408	0.014368593	0.021098879	0.022705200

## 742	0.008964327	0.009577623	0.013610681	0.006293912	0.005950617
## 743	0.007678351	0.009312759	0.009797019	0.007609029	0.006251528
## 744	0.009116268	0.009839836	0.013551617	0.006645776	0.006237544
## 760	0.021009889	0.009888201	0.039340352	0.042239277	0.032446185
## 761	0.030107137	0.017904779	0.025083609	0.019159127	0.015138076
## 762	0.023834480	0.015429441	0.048920836	0.033534916	0.033323766
## 778	0.018434549	0.009506809	0.007964617	0.008335964	0.013314274
## 779	0.035433504	0.028643841	0.287174538	0.314573157	0.014678894
## 780	0.030536269	0.021386767	0.024531168	0.025876809	0.024913101
## 796	0.013289140	0.007673033	0.006942254	0.006972758	0.013799071
## 797	0.022264625	0.010648484	0.011899801	0.021186425	0.023825549
## 798	0.024050011	0.015435927	0.033101045	0.023967676	0.018369350
## 814	0.015745090	0.009750002	0.014207895	0.021295009	0.011743683
## 815	0.022587006	0.014174342	0.008282832	0.014028979	0.015365958
## 816	0.026708887	0.016204487	0.023754359	0.025372938	0.035903015
## 832	0.027596540	0.016926285	0.006213300	0.012106904	0.011109184
## 833	0.019754469	0.010603141	0.012923085	0.021680884	0.023740085
## 834	0.023145353	0.011693389	0.018394688	0.038380893	0.028561870
## 850	0.020866966	0.012329736	0.008793961	0.019097465	0.013982106
## 851	0.030684052	0.011580025	0.014209051	0.017902423	0.018719475
## 852	0.023259120	0.015584020	0.016085310	0.026399511	0.017322122
##	std_ch4_Hand1	std_ch5_Hand1	std_ch6_Hand1	std_ch7_Hand1	std_ch8_Hand1
## 4	0.004939658	0.004146140	0.002731169	0.017209140	0.009768453
## 5	0.004210341	0.004239094	0.002437962	0.033609583	0.012701987
## 6	0.013391827	0.004221563	0.134462658	0.031055046	0.016719161
## 22	0.014050227	0.136610192	0.238619449	0.070737831	0.040308163
## 23	0.017277148	0.355687179	0.321911557	0.060901451	0.041092922
## 24	0.012069668	0.167306684	0.212159931	0.027367131	0.015593138
## 40	0.005054001	0.284557620	0.236655352	0.019075803	0.012486160
## 41	0.006265024	0.141469688	0.207753973	0.025322504	0.016975427
## 42	0.005193220	0.175289122	0.155119238	0.019609959	0.013108462
## 58	0.005712348	0.222318208	0.035519483	0.016499790	0.011603035
## 59	0.003972573	0.241766144	0.006197530	0.021022794	0.014726118
## 60	0.003336287	0.186472995	0.017337947	0.015877987	0.010560141
## 76	0.005067492	0.003941239	0.226711094	0.023857413	0.012826960
## 77	0.005041524	0.004318138	0.160474409	0.021605997	0.011745243
## 78	0.005024119	0.004011243	0.038695939	0.021596740	0.012806362
## 94	0.004543974	0.019848162	0.003722648	0.035780266	0.021147877
## 95	0.005029271	0.017588098	0.003837815	0.035938111	0.025732646
## 96	0.003675968	0.013197852	0.003361962	0.026123867	0.017479417
## 112	0.011876497	0.033383179	0.032486165	0.044228848	0.032965071
## 113	0.015524303	0.030318197	0.023090189	0.034443488	0.031828098
## 114	0.012527892	0.030792018	0.026677012	0.036088625	0.029126542
## 130	0.017890615	0.034353708	0.024391358	0.027720051	0.029639597
## 131	0.021294887	0.034483332	0.027747994	0.031583068	0.025914282
## 132	0.023954661	0.036884650	0.032144167	0.035963309	0.030494925
## 148	0.019994265	0.021428064	0.047074492	0.036571464	0.028340003
## 149	0.015586024	0.028872098	0.044722406	0.039012671	0.030781722
## 150	0.018515783	0.034068596	0.048454443	0.040998587	0.026475003
## 166	0.026119409	0.037384608	0.029102120	0.040404791	0.033000656
## 167	0.026255601	0.037766897	0.030307742	0.034153954	0.033517164
## 168	0.028902872	0.040047579	0.036146834	0.040092799	0.033376403
## 184	0.046275851	0.031996073	0.033920214	0.033677702	0.029897977
## 185	0.035970970	0.031002616	0.025879988	0.034068499	0.028889003

## 186	0.034343126	0.030113734	0.032484411	0.031167855	0.025880493
## 202	0.046727054	0.049373035	0.026429444	0.031220563	0.028883183
## 203	0.045245821	0.060838977	0.042803215	0.036671264	0.030869362
## 204	0.037010617	0.041553649	0.035873671	0.036848373	0.030500854
## 220	0.025611073	0.030426187	0.025993450	0.034290134	0.027032457
## 221	0.013604099	0.029102973	0.021104937	0.026660317	0.025952486
## 222	0.030317768	0.045978483	0.022990732	0.032015045	0.029300394
## 238	0.019552032	0.036910959	0.025674461	0.038583157	0.027925292
## 239	0.033668038	0.039862494	0.026715810	0.049414413	0.052310548
## 240	0.034439039	0.042314948	0.028829890	0.045553121	0.042981890
## 256	0.050254723	0.056476891	0.038510574	0.042644172	0.031818486
## 257	0.045397249	0.051544643	0.025555478	0.031867861	0.032415501
## 258	0.036347704	0.045243869	0.027748166	0.036759030	0.027876663
## 274	0.014099343	0.017868693	0.012869810	0.021724910	0.027302435
## 275	0.015094940	0.021389208	0.020629207	0.026334640	0.023505906
## 276	0.039741880	0.045034111	0.029143335	0.035541760	0.038310439
## 292	0.008534960	0.013969590	0.013232693	0.019525865	0.019233706
## 293	0.017069039	0.023504745	0.016174598	0.024313093	0.022990967
## 294	0.027780689	0.029020312	0.018977964	0.027884359	0.027318905
## 310	0.010612902	0.016210464	0.017359873	0.022914226	0.019604988
## 311	0.009968567	0.015140061	0.013705510	0.021306336	0.017334236
## 312	0.026216147	0.026527805	0.017595733	0.025734097	0.024057522
## 328	0.020905355	0.369378556	0.067036872	0.054876861	0.041684250
## 329	0.023576767	0.357791216	0.076494469	0.053302260	0.039121908
## 330	0.024678241	0.317881919	0.065189026	0.065752891	0.044526355
## 346	0.012627313	0.258106426	0.069947287	0.052174133	0.042158429
## 347	0.024273808	0.114872688	0.061653318	0.086012504	0.062322783
## 348	0.023067841	0.088012288	0.043625505	0.063220642	0.046852747
## 364	0.009887800	0.221032320	0.051213648	0.049558769	0.037493179
## 365	0.008467782	0.006416907	0.029367646	0.043514133	0.031179860
## 366	0.018902926	0.349858727	0.037010036	0.043044498	0.032445686
## 382	0.020894013	0.281772678	0.046745452	0.068817314	0.070439401
## 383	0.016705767	0.401400309	0.050395735	0.065643900	0.053180877
## 384	0.032951962	0.311293449	0.060257201	0.070475930	0.059352593
## 400	0.019668090	0.334294739	0.039482741	0.054708028	0.045193166
## 401	0.015997400	0.358861347	0.050974167	0.044135248	0.035515581
## 402	0.020095053	0.367106950	0.053373784	0.053606157	0.040937050
## 418	0.022272842	0.151747708	0.056301904	0.060744488	0.054986425
## 419	0.019529769	0.275051669	0.047455819	0.057611875	0.041449601
## 420	0.019703493	0.237797881	0.054379337	0.058837057	0.054470501
## 436	0.014252166	0.035594486	0.023625699	0.020190054	0.017748143
## 437	0.011564134	0.029388094	0.030274385	0.032222767	0.030543485
## 438	0.015249966	0.050336702	0.021753212	0.028047585	0.023611671
## 454	0.017274656	0.337676155	0.042813160	0.051257187	0.054343959
## 455	0.012346264	0.339616597	0.019918516	0.027481840	0.029892577
## 456	0.030004206	0.025532737	0.026363684	0.035111207	0.035078701
## 472	0.004720750	0.268670845	0.013597189	0.019169671	0.017647762
## 473	0.005125137	0.290224656	0.018490624	0.018808085	0.014723074
## 474	0.005732785	0.161820643	0.016030379	0.022479113	0.018321638
## 490	0.007690024	0.012597051	0.022416773	0.039142417	0.020108017
## 491	0.004103181	0.006580102	0.010623347	0.024636393	0.016508740
## 492	0.011268232	0.015055502	0.029348562	0.045853482	0.026217411
## 508	0.006954272	0.007623872	0.007158223	0.011053113	0.010643428
## 509	0.003941864	0.007201368	0.006296772	0.008122407	0.008231114

## 510	0.005455267	0.086302789	0.009893536	0.023696742	0.022242990
## 526	0.027751972	0.026932420	0.014408591	0.027911026	0.033855909
## 527	0.017752353	0.015218918	0.026022123	0.027244015	0.025563808
## 528	0.016784070	0.010934618	0.013470215	0.036568883	0.039145475
## 544	0.013547130	0.016445656	0.038815247	0.029618244	0.029816586
## 545	0.013230226	0.014954226	0.033590196	0.027971677	0.033092540
## 546	0.027825658	0.020019036	0.043548860	0.045093835	0.043301382
## 562	0.011072449	0.016199992	0.038633387	0.036784635	0.040426989
## 563	0.005223406	0.003238058	0.008278735	0.009885081	0.015184260
## 564	0.020056580	0.017992742	0.043070149	0.037521754	0.037924729
## 580	0.013113113	0.017571747	0.051553843	0.032415839	0.029115438
## 581	0.014543413	0.012502015	0.036784903	0.041838808	0.036175907
## 582	0.022932484	0.023773520	0.041774853	0.031709153	0.034366857
## 598	0.012772780	0.014807377	0.029262666	0.020473836	0.024378877
## 599	0.012536793	0.013079388	0.023469940	0.019823696	0.022143542
## 600	0.013318080	0.015971701	0.029299914	0.032027816	0.039450598
## 616	0.011513194	0.008764967	0.032873750	0.019886727	0.022334480
## 617	0.009629015	0.010406223	0.031336064	0.019900296	0.018997748
## 618	0.010873297	0.009378239	0.030882860	0.019720082	0.020132060
## 634	0.019896670	0.019906395	0.048141015	0.055287051	0.055798805
## 635	0.015822488	0.012082378	0.030839327	0.029830155	0.031355243
## 636	0.023638399	0.019454259	0.049106169	0.042307283	0.045797758
## 652	0.020033537	0.031366978	0.028311340	0.013842753	0.018926287
## 653	0.018589590	0.027700375	0.037229961	0.018438418	0.017879259
## 654	0.030816490	0.043944491	0.062719726	0.037937953	0.042264869
## 670	0.012885605	0.038902030	0.032884674	0.021570591	0.026654172
## 671	0.010878137	0.029407614	0.020284007	0.014324982	0.025320692
## 672	0.029452828	0.039116778	0.044092543	0.024196678	0.035833189
## 688	0.006877422	0.014686620	0.030033828	0.045048329	0.051702256
## 689	0.006108362	0.007420057	0.025057671	0.027693439	0.032952764
## 690	0.022206555	0.022628614	0.036326277	0.045198957	0.053032151
## 706	0.005456657	0.007014635	0.007470078	0.004735145	0.010480682
## 707	0.004882624	0.007271254	0.005620271	0.004057245	0.009644129
## 708	0.008524071	0.017176564	0.012079303	0.009584021	0.012929108
## 724	0.018203046	0.020292294	0.046696476	0.008798285	0.013181091
## 725	0.081067925	0.038582452	0.051068719	0.031173332	0.034787927
## 726	0.027309864	0.024943017	0.037357925	0.017978739	0.021913851
## 742	0.011894392	0.017760838	0.023604028	0.007515279	0.011252370
## 743	0.012810046	0.020100763	0.013898799	0.006347220	0.011002069
## 744	0.013289759	0.017561441	0.024571304	0.008585633	0.012305060
## 760	0.014193628	0.032992381	0.056502536	0.025423212	0.009520361
## 761	0.023192990	0.038250528	0.053435961	0.029222098	0.019111929
## 762	0.017006565	0.029982737	0.036284830	0.026269931	0.018809881
## 778	0.019374523	0.030850863	0.025393863	0.020369451	0.013330328
## 779	0.025664305	0.261280743	0.034216723	0.033022506	0.038484166
## 780	0.023830815	0.033101965	0.049999530	0.035546205	0.030822337
## 796	0.008807755	0.021793275	0.032396352	0.016304822	0.011746181
## 797	0.020148901	0.045466806	0.056527632	0.026774806	0.011324022
## 798	0.013293911	0.026197926	0.042578631	0.028051395	0.022209245
## 814	0.019515339	0.036677050	0.020823466	0.018054413	0.011760378
## 815	0.017759639	0.020717341	0.032348279	0.025049997	0.015124518
## 816	0.034651105	0.034339561	0.055263177	0.034547153	0.024242729
## 832	0.007932345	0.011846909	0.011811164	0.029377125	0.021304186
## 833	0.011322531	0.016801733	0.039559332	0.020867177	0.013113552

## 834	0.026826526	0.027735288	0.047278463	0.027360264	0.014570972
## 850	0.020120439	0.024638131	0.040095100	0.025303199	0.015185689
## 851	0.012037272	0.036095233	0.057021466	0.029903940	0.010539670
## 852	0.047287083	0.030615818	0.032236971	0.025423362	0.019841067
##	max_Ax_Hand0	max_Ay_Hand0	max_Az_Hand0	max_Vx_Hand0	max_Vy_Hand0
## 4	-0.72473145	0.207107544	0.60456848	0.0012402344	0.0020000000
## 5	-0.77404785	0.188552856	0.58210754	0.0005859375	0.0005332031
## 6	-0.49572754	0.442459106	0.70368958	0.0055175781	0.0061889648
## 22	-0.41125488	0.253982544	0.86433411	0.0062622070	0.0034790039
## 23	-0.54211426	0.324295044	0.80036926	0.0027460937	0.0030351562
## 24	-0.55920410	0.268142700	0.78718567	0.0035117188	0.0028178711
## 40	-0.52502441	-0.005783081	0.81794739	0.0012465820	0.0006142578
## 41	-0.55920410	-0.021896362	0.82380676	0.0015996094	0.0005468750
## 42	-0.52746582	0.021072388	0.84919739	0.0016679687	0.0015629883
## 58	-0.52795410	0.052810669	0.83650208	0.0014633789	0.0007075195
## 59	-0.55920410	0.072341919	0.81306458	0.0010083008	0.0008496094
## 60	-0.52502441	0.058670044	0.82868958	0.0058139648	0.0017617187
## 76	-0.47082520	0.023513794	0.87117004	0.0009926758	0.0013945312
## 77	-0.47326660	0.021072388	0.87019348	0.0015937500	0.0005742187
## 78	-0.44787598	0.079177856	0.88777161	0.0032695312	0.0038671875
## 94	-0.69592285	0.165115356	0.70271301	0.0015722656	0.0018046875
## 95	-0.71252441	0.134353638	0.65876770	0.0022236328	0.0018046875
## 96	-0.66906738	0.101150513	0.67585754	0.0026977539	0.0015585937
## 112	-0.51765442	0.699066162	0.55432129	0.0014458008	0.0009345703
## 113	-0.48738098	0.703948975	0.56213379	0.0035434570	0.0006987305
## 114	-0.44783020	0.711761475	0.60705566	0.0047812500	0.0017080078
## 130	-0.66609192	0.696624756	0.30187988	0.0010312500	0.0009023438
## 131	-0.65583801	0.699554443	0.31652832	0.0007998047	0.0017646484
## 132	-0.64411926	0.724456787	0.32141113	0.0017666016	0.0036499023
## 148	-0.46931458	0.786956787	0.47814941	0.0017333984	0.0010791016
## 149	-0.40144348	0.809906006	0.51379395	0.0011352539	0.0015380859
## 150	-0.43415833	0.815277100	0.48645020	0.0018833008	0.0014160156
## 166	-0.43708801	0.861175537	0.45227051	0.0024843750	0.0013251953
## 167	-0.44050598	0.853363037	0.42248535	0.0014345703	0.0014038086
## 168	-0.40974426	0.866058350	0.47277832	0.0029492188	0.0025244141
## 184	-0.36335754	0.796722412	0.56652832	0.0014609375	0.0008300781
## 185	-0.37068176	0.793304443	0.55187988	0.0014501953	0.0009521484
## 186	-0.33894348	0.858245850	0.57727051	0.0026665039	0.0017402344
## 202	-0.35066223	0.888031006	0.49230957	0.0014648438	0.0009179687
## 203	-0.35115051	0.873870850	0.46350098	0.0018530273	0.0016171875
## 204	-0.32283020	0.890472412	0.49230957	0.0029648438	0.0022773437
## 220	-0.72975159	0.481887817	0.59176636	0.0017089844	0.0038662109
## 221	-0.82496643	0.286575317	0.31588745	0.0029492187	0.0018369141
## 222	-0.66969299	0.549270630	0.57955933	0.0055576172	0.0055429688
## 238	-0.74244690	0.539016724	0.44869995	0.0069335937	0.0052421875
## 239	-0.69996643	0.435501099	0.68746948	0.0041489258	0.0017431641
## 240	-0.56617737	0.713333130	0.60202026	0.0062695312	0.0063339844
## 256	-0.81910706	0.310989380	0.34762573	0.0017519531	0.0018061523
## 257	-0.79615784	0.243118286	0.32858276	0.0015039063	0.0024902344
## 258	-0.70143127	0.391067505	0.49899292	0.0038452148	0.0035766602
## 274	-0.76344299	0.497512817	0.41842651	0.0009741211	0.0041630859
## 275	-0.70533752	0.455520630	0.49801636	0.0009755859	0.0012480469
## 276	-0.57057190	0.564407349	0.68795776	0.0064555664	0.0044580078
## 292	-0.60231018	0.576126099	0.56491089	0.0009023437	0.0008251953

## 293	-0.61061096	0.548294067	0.64938354	0.0007514648	0.0010800781
## 294	-0.60377502	0.549758911	0.63424683	0.0035048828	0.0023789062
## 310	-0.60719299	0.532180786	0.55905151	0.0007998047	0.0004833984
## 311	-0.57691956	0.551223755	0.64401245	0.0013139648	0.0012353516
## 312	-0.48805237	0.628860474	0.70602417	0.0028515625	0.0018974609
## 328	-0.85647583	0.075836182	0.40954590	0.0005371094	0.0005004883
## 329	-0.85452271	0.080230713	0.40954590	0.0003710938	0.0011132812
## 330	-0.84524536	0.082672119	0.43054199	0.0006562500	0.0009658203
## 346	-0.72903442	0.350250244	0.60827637	0.0017724609	0.0015722656
## 347	-0.67044067	0.295562744	0.54333496	0.0047343750	0.0032226562
## 348	-0.68167114	0.387847900	0.63952637	0.0086303711	0.0070678711
## 364	-0.69778442	0.276031494	0.55358887	0.0017773438	0.0038437500
## 365	-0.73196411	0.272125244	0.53601074	0.0021386719	0.0025517578
## 366	-0.61965942	0.336090088	0.59997559	0.0046655273	0.0058798828
## 382	-0.71243286	0.379547119	0.40222168	0.0031860352	0.0028759766
## 383	-0.76126099	0.335601807	0.58288574	0.0021943359	0.0025781250
## 384	-0.54104614	0.489898682	0.73620605	0.0052397461	0.0074345703
## 400	-0.75051880	0.376617432	0.39196777	0.0028916016	0.0039375000
## 401	-0.72805786	0.328277588	0.39099121	0.0031875000	0.0034057617
## 402	-0.70413208	0.429351807	0.46618652	0.0044687500	0.0055029297
## 418	-0.81838989	0.151519775	0.27673340	0.0024814453	0.0025517578
## 419	-0.76126099	0.345855713	0.39538574	0.0040244141	0.0046845703
## 420	-0.68215942	0.440582275	0.61999512	0.0045966797	0.0076591797
## 436	-0.78645325	0.048934937	0.48635864	0.0018750000	0.0016884766
## 437	-0.81721497	0.031845093	0.50344849	0.0013623047	0.0021357422
## 438	-0.72883606	0.069931030	0.55032349	0.0027099609	0.0034555664
## 454	-0.54866028	0.470809937	0.46194458	0.0048437500	0.0082978516
## 455	-0.76008606	0.270614624	0.42190552	0.0039960937	0.0060263672
## 456	-0.64143372	0.469833374	0.61331177	0.0039223633	0.0113066406
## 472	-0.83479309	-0.145401001	0.47708130	0.0005952148	0.0010283203
## 473	-0.83332825	-0.170303345	0.46585083	0.0006445313	0.0006088867
## 474	-0.79231262	-0.158096313	0.50296021	0.0020219727	0.0011123047
## 490	-0.80993652	-0.182189941	0.37557983	0.0018344727	0.0031406250
## 491	-0.84069824	-0.350158691	0.34823608	0.0003203125	0.0007382813
## 492	-0.71276855	0.007263184	0.52645874	0.0041748047	0.0033496094
## 508	-0.80895996	-0.286682129	0.44003296	0.0006049805	0.0009370117
## 509	-0.79968262	-0.299865723	0.44345093	0.0009580078	0.0012187500
## 510	-0.66833496	-0.006408691	0.64462280	0.0027187500	0.0037172852
## 526	-0.76696777	-0.103576660	0.50643921	0.0026337891	0.0012285156
## 527	-0.81628418	-0.119689941	0.47860718	0.0009394531	0.0011298828
## 528	-0.45886230	-0.025451660	0.62557983	0.0053554687	0.0036035156
## 544	-0.64137268	-0.056167603	0.43214417	0.0006005859	0.0005449219
## 545	-0.53736877	0.070785522	0.41944885	0.0023750000	0.0018691406
## 546	-0.05494690	0.918930054	0.79786682	0.0077187500	0.0057626953
## 562	-0.22438049	0.170394897	0.79786682	0.0048847656	0.0014394531
## 563	-0.25709534	0.200180054	0.82179260	0.0024726563	0.0019628906
## 564	-0.17066956	0.680648804	0.99366760	0.0093618164	0.0075195312
## 580	-0.46412659	0.323715210	0.51808167	0.0046069336	0.0058740234
## 581	-0.33375549	0.319320679	0.80763245	0.0035937500	0.0029375000
## 582	-0.28736877	0.466781616	0.61817932	0.0102158203	0.0154892578
## 598	-0.74586487	0.077621460	0.04689026	0.0054453125	0.0042832031
## 599	-0.52027893	0.417953491	0.32618713	0.0035859375	0.0061318359
## 600	-0.07252502	0.594711304	0.74659729	0.0070361328	0.0041503906
## 616	-0.34254456	0.607406616	0.45704651	0.0029907227	0.0024199219

## 617	-0.41481018	0.555648804	0.45558167	0.0013593750	0.0012431641
## 618	-0.25758362	0.621566772	0.53761292	0.0039223633	0.0027480469
## 634	-0.31666565	0.848129272	0.13575745	0.0030883789	0.0035034180
## 635	-0.37965393	0.833480835	0.19093323	0.0029257812	0.0031113281
## 636	-0.20045471	0.905258179	0.54689026	0.0058740234	0.0081420898
## 652	-0.71315002	0.111801147	0.31398010	0.0007119141	0.0005195313
## 653	-0.70484924	0.114242554	0.34034729	0.0012187500	0.0004980469
## 654	-0.57984924	0.303207397	0.41944885	0.0024824219	0.0026425781
## 670	-0.62330627	0.209457397	0.45899963	0.0009755859	0.0009838867
## 671	-0.63502502	0.210922241	0.44825745	0.0006494141	0.0010107422
## 672	-0.59400940	0.344223022	0.60304260	0.0047871094	0.0035117188
## 688	-0.73707581	0.115707397	0.28517151	0.0011718750	0.0011611328
## 689	-0.71656799	0.140121460	0.30128479	0.0008569336	0.0008789063
## 690	-0.55445862	0.413070679	0.44142151	0.0111083984	0.0050927734
## 706	-0.83033752	-0.030776978	0.03956604	0.0004189453	0.0003706055
## 707	-0.82789612	-0.030776978	0.04884338	0.0003295898	0.0003256836
## 708	-0.81471252	-0.024917603	0.05470276	0.0006958008	0.0006425781
## 724	-0.79615784	-0.144546509	-0.23435974	0.0010556641	0.0006738281
## 725	-0.79518127	-0.104019165	-0.19090271	0.0013549805	0.0010839844
## 726	-0.79176331	-0.107925415	0.02198792	0.0025136719	0.0009228516
## 742	-0.94636536	-0.104156494	0.21578979	0.0008378906	0.0003046875
## 743	-0.96492004	-0.110504150	0.20748901	0.0009887695	0.0003906250
## 744	-0.93659973	-0.112457275	0.22018433	0.0008203125	0.0017841797
## 760	-0.14196777	0.651611328	1.02053833	0.0073564453	0.0055351563
## 761	-0.18884277	1.220458984	0.94583130	0.0158935547	0.0085546875
## 762	-0.08288574	0.679931641	1.00003052	0.0109667969	0.0147583008
## 778	-0.38693237	0.839614868	0.85748291	0.0067265625	0.0091503906
## 779	-0.52626038	1.428421021	0.84507751	0.0052968750	0.0194687500
## 780	-0.10787964	1.366790771	0.81480408	0.0172265625	0.0164135742
## 796	-0.26261902	0.885787964	0.91542053	0.0041137695	0.0020957031
## 797	-0.40879822	0.705017090	0.62881470	0.0017797852	0.0025063477
## 798	-0.12568665	1.084823608	0.97787476	0.0106103516	0.0085722656
## 814	-0.36442566	0.700057983	0.75357056	0.0064208984	0.0032470703
## 815	-0.19633484	0.715835571	0.83273315	0.0053320312	0.0031054688
## 816	0.36085510	1.772262573	1.15888977	0.0371923828	0.0253271484
## 832	-0.41340637	0.463104248	0.77479553	0.0025927734	0.0018027344
## 833	-0.36994934	0.873260498	0.71376038	0.0048364258	0.0035546875
## 834	-0.30793762	1.543670654	0.85926819	0.0233481445	0.0211469727
## 850	-0.31613159	0.979949951	0.76502991	0.0059677734	0.0031772461
## 851	-0.37374878	0.638153076	0.71669006	0.0039375000	0.0035273438
## 852	-0.29025269	0.929656982	0.82508850	0.0084003906	0.0073696289
##	max_Vz_Hand0	max_Jx_Hand0	max_Jy_Hand0	max_Jz_Hand0	mean_Ax_Hand0
## 4	0.0009228516	6.7871094	3.3528646	2.838135	-0.7893856
## 5	0.0007138672	2.8599330	1.4973958	2.392578	-0.7962098
## 6	0.0029785156	15.7335069	11.5966797	9.277344	-0.7581629
## 22	0.0034057617	17.3468339	8.3007812	13.549805	-0.6876221
## 23	0.0021240234	12.9394531	6.6731771	7.128906	-0.7053397
## 24	0.0019375000	15.2994792	5.3168403	7.454427	-0.7031383
## 40	0.0009887695	2.5809152	0.9765625	1.464844	-0.5827182
## 41	0.0006240234	1.4299665	1.7252604	1.925998	-0.5836182
## 42	0.0021113281	4.2317708	4.7940341	3.991168	-0.5875306
## 58	0.0021801758	3.8085938	3.0343192	2.777100	-0.5955518
## 59	0.0007382812	2.0507812	3.7760417	2.832031	-0.5973714
## 60	0.0037177734	8.4134615	3.7434896	3.356934	-0.5980170

## 76	0.0006064453	6.1035156	2.6157924	3.499349	-0.5152779
## 77	0.0012968750	2.7669271	1.7903646	2.301897	-0.5099375
## 78	0.0014062500	7.2021484	10.3027344	5.104759	-0.5174253
## 94	0.0012460938	5.4524740	3.9333767	4.435221	-0.8000225
## 95	0.0030966797	4.7526042	3.7286932	3.773082	-0.8223584
## 96	0.0022412109	9.3347886	5.5989583	9.073893	-0.8105322
## 112	0.0009755859	7.0103237	3.7286932	6.982422	-0.5899293
## 113	0.0013642578	10.8642578	6.7749023	6.958008	-0.5879190
## 114	0.0027832031	7.6822917	4.7496449	6.138393	-0.5790834
## 130	0.0008300781	5.9204102	2.2786458	3.146701	-0.7198029
## 131	0.0012368164	2.5809152	2.9296875	4.279642	-0.7133380
## 132	0.0035937500	8.3007812	7.9427083	7.226562	-0.7203926
## 148	0.0012036133	4.9641927	4.3402778	2.807617	-0.5179932
## 149	0.0013027344	5.0455729	6.8359375	7.128906	-0.5150215
## 150	0.0017983398	4.2067308	4.5030382	4.150391	-0.5122916
## 166	0.0014404297	5.4796007	8.6263021	6.456163	-0.5449683
## 167	0.0013403320	7.5683594	5.1269531	4.211426	-0.5516522
## 168	0.0034653320	16.1132812	12.2884115	8.463542	-0.5432136
## 184	0.0019423828	3.2552083	2.2135417	3.710938	-0.4229376
## 185	0.0010869141	2.7965199	2.8808594	2.197266	-0.4323148
## 186	0.0026367187	7.2354403	5.0455729	7.161458	-0.4667734
## 202	0.0016406250	6.0847356	4.8285590	7.649740	-0.4409046
## 203	0.0016845703	5.6152344	4.9913194	5.493164	-0.4515354
## 204	0.0028603516	6.3032670	6.3476562	11.149089	-0.4333693
## 220	0.0013647461	5.8268229	6.8359375	8.075421	-0.8521832
## 221	0.0020800781	7.3730469	4.2480469	5.200195	-0.9240387
## 222	0.0036914062	16.6015625	16.7236328	9.212240	-0.9380039
## 238	0.0053515625	9.4909668	12.6577524	10.323661	-0.8674762
## 239	0.0025488281	6.1222957	9.5703125	8.365885	-0.8441168
## 240	0.0055063477	25.2278646	27.9017857	16.015625	-0.8765875
## 256	0.0015722656	11.2304687	22.2981771	6.392045	-0.9269233
## 257	0.0019140625	4.9203726	8.1176758	5.112592	-0.9239349
## 258	0.0026054688	11.6811899	13.9648438	13.333834	-0.9223154
## 274	0.0008720703	4.2317708	18.6360677	2.086293	-0.8219053
## 275	0.0016215820	3.1881893	2.6855469	4.595588	-0.8247073
## 276	0.0043798828	10.4370117	14.5874023	9.375000	-0.8149330
## 292	0.0010458984	2.5878906	3.3691406	2.294922	-0.6513167
## 293	0.0014038086	2.7794471	3.0381944	3.756010	-0.6582965
## 294	0.0020820313	13.6718750	6.3964844	6.835938	-0.7254731
## 310	0.0007382812	2.4685330	1.4953613	2.278646	-0.6875514
## 311	0.0011206055	4.1155134	3.2784598	3.836496	-0.6525633
## 312	0.0024609375	10.3515625	8.1380208	6.673177	-0.6923182
## 328	0.0005947266	1.0742188	1.2512207	1.654731	-0.8758054
## 329	0.0005009766	1.1718750	1.3224284	2.929688	-0.8732791
## 330	0.0007412109	1.5536222	2.7521307	2.197266	-0.8700937
## 346	0.0013964844	6.4453125	6.5429688	3.801618	-0.7847473
## 347	0.0011250000	4.6234131	7.5683594	4.923503	-0.8144735
## 348	0.0046899414	13.8085938	43.2535807	16.228171	-0.8268625
## 364	0.0028305664	9.0680804	8.1571691	7.202148	-0.8271790
## 365	0.0012128906	5.8593750	15.4079861	4.568917	-0.8282490
## 366	0.0040566406	14.0555246	13.6176215	11.090960	-0.8211281
## 382	0.0028198242	5.0976562	7.9666941	17.968750	-0.9053252
## 383	0.0029980469	5.7128906	6.4625460	16.886393	-0.9189031
## 384	0.0078710938	14.3377131	20.0195312	16.723633	-0.8895275

## 400	0.0022851562	8.9246962	4.3370864	8.789062	-0.8944858
## 401	0.0040039062	13.0004883	5.8593750	9.021577	-0.9006056
## 402	0.0068750000	10.3824013	11.3807091	19.012451	-0.9037975
## 418	0.0027246094	7.2866587	7.1105957	18.920898	-0.9545828
## 419	0.0039550781	5.9532752	14.4585503	8.300781	-0.9509786
## 420	0.0119335938	14.2463235	16.6272615	16.741071	-0.9441598
## 436	0.0024023437	5.2795410	3.5264757	4.123264	-0.9309247
## 437	0.0019428711	5.5588942	5.2083333	3.672724	-0.9041189
## 438	0.0026250000	14.0625000	10.3454590	5.952381	-0.8952336
## 454	0.0032187500	12.1093750	17.0127467	12.545072	-0.9494578
## 455	0.0024462891	10.5794271	12.4511719	6.911058	-0.9263926
## 456	0.0050156250	12.6953125	20.6909180	17.675781	-0.9065245
## 472	0.0007768555	1.1251698	1.4905428	1.721834	-0.8708825
## 473	0.0008378906	1.1189779	1.3363487	2.644857	-0.8668677
## 474	0.0019526367	4.4596354	6.1974159	3.766741	-0.8662547
## 490	0.0024672852	9.4992898	12.2680664	8.922230	-0.9002783
## 491	0.0009399414	1.2512207	1.0127315	1.562500	-0.8585673
## 492	0.0025732422	7.9345703	12.4918620	7.389323	-0.8543875
## 508	0.0005976562	2.6189631	2.5956003	2.130682	-0.8396098
## 509	0.0008535156	2.9568142	2.7754934	2.522786	-0.8299145
## 510	0.0024257812	5.1047585	12.1256510	8.203125	-0.8208412
## 526	0.0021240234	5.5766859	5.0603693	4.009046	-0.8729470
## 527	0.0011787109	5.9082031	2.4879092	2.707741	-0.8747930
## 528	0.0062519531	9.2976888	10.8032227	12.500000	-0.8728632
## 544	0.0008056641	1.0463170	3.7841797	1.274957	-0.6724134
## 545	0.0012524414	5.1269531	5.5609809	5.566406	-0.7321718
## 546	0.0066582031	21.3815789	13.0673363	14.453125	-0.5939858
## 562	0.0019140625	6.1523438	2.9740767	5.794271	-0.4330699
## 563	0.0022021484	4.2928060	6.4392090	5.533854	-0.3404490
## 564	0.0161464844	21.2286086	14.5321801	20.595006	-0.5633720
## 580	0.0086279297	12.9231771	10.8723958	12.304687	-0.7548344
## 581	0.0032812500	12.4860491	4.4232537	8.203125	-0.6154938
## 582	0.0087226563	15.4526654	23.0224609	10.833740	-0.6880266
## 598	0.0015996094	8.5144043	4.4860840	3.208705	-0.8516525
## 599	0.0054462891	15.4296875	11.5913723	11.252663	-0.7968089
## 600	0.0107744141	34.0169271	16.8457031	22.261186	-0.6894311
## 616	0.0019550781	7.2798295	7.7749399	4.616477	-0.4913748
## 617	0.0017709961	6.2391493	3.4436678	9.277344	-0.4885747
## 618	0.0034667969	14.0474760	6.2391493	8.666992	-0.5131875
## 634	0.0023867187	6.2500000	12.0675223	6.673177	-0.5176748
## 635	0.0016630859	6.4871652	9.8544034	5.126953	-0.5026703
## 636	0.0062255859	19.8669434	17.3903245	12.060547	-0.5397571
## 652	0.0010283203	1.6526442	1.4391447	2.441406	-0.7423950
## 653	0.0011923828	2.1158854	2.6292067	2.463601	-0.7446238
## 654	0.0013916016	16.3574219	8.2310268	3.647748	-0.7446693
## 670	0.0009687500	1.6741071	1.9880022	2.546038	-0.6504873
## 671	0.0014628906	2.5809152	2.9839410	2.807617	-0.6690697
## 672	0.0088242187	15.2180990	9.7656250	15.319824	-0.7626825
## 688	0.0008349609	2.0345052	3.9062500	2.854567	-0.7758128
## 689	0.0011132812	3.0924479	2.9009651	3.287760	-0.7553864
## 690	0.0032456055	9.0680804	6.1598558	6.135360	-0.7085789
## 706	0.0011689453	0.8616728	1.2695312	1.981847	-0.8396348
## 707	0.0006054687	0.9765625	1.1718750	1.790365	-0.8387657
## 708	0.0009316406	2.2460938	1.8880208	2.441406	-0.8382892

## 724	0.0006767578	1.9955842	1.2313179	1.534598	-0.8479263
## 725	0.0013125000	2.1809896	3.7231445	2.593994	-0.8460368
## 726	0.0021875000	5.4931641	4.0283203	8.463542	-0.8487155
## 742	0.0004829102	1.7311790	1.8028846	1.577524	-0.9788026
## 743	0.0003417969	1.5820312	1.0340074	2.115885	-0.9816567
## 744	0.0010625000	1.9788240	1.4299665	2.232143	-0.9819129
## 760	0.0051406250	18.8293457	17.0898438	12.908936	-0.6479803
## 761	0.0101806641	20.5688477	38.0208333	11.474609	-0.5754736
## 762	0.0062207031	27.4169922	20.4833984	16.496931	-0.5778559
## 778	0.0063046875	11.6780599	22.8759766	15.350342	-0.6845901
## 779	0.0120351562	41.1487926	58.8684082	24.876645	-0.7657135
## 780	0.0089790039	19.6126302	19.7975852	14.539931	-0.5920656
## 796	0.0037949219	9.6028646	5.8288574	8.870443	-0.6213291
## 797	0.0016542969	3.8291530	6.3920455	5.078125	-0.5811071
## 798	0.0062861328	23.3226103	22.8678385	15.527344	-0.5824810
## 814	0.0047241211	10.2734375	7.5683594	7.558594	-0.5120777
## 815	0.0023144531	14.4761029	6.3189338	5.650112	-0.4276503
## 816	0.0160273437	66.3775276	41.3263494	55.615234	-0.3565736
## 832	0.0022060547	5.8306526	3.6458333	6.808811	-0.8018138
## 833	0.0050976562	11.4968040	8.0566406	10.196461	-0.6800976
## 834	0.0089721680	44.1363791	39.9753736	16.764323	-0.7278111
## 850	0.0041625977	18.4190538	9.9666820	5.957031	-0.6507898
## 851	0.0022280273	6.0221354	4.9715909	4.137541	-0.6551208
## 852	0.0086679687	18.7717014	22.7050781	13.355928	-0.6820042
##	mean_Ay_Hand0	mean_Az_Hand0	mean_Vx_Hand0	mean_Vy_Hand0	mean_Vz_Hand0
## 4	0.166771683	0.569220749	-1.656327e-05	5.648744e-06	6.577436e-06
## 5	0.169788906	0.556567445	-1.621293e-05	1.522640e-05	-6.975446e-08
## 6	0.214571486	0.594609798	9.725811e-06	-4.071514e-07	-8.804087e-07
## 22	0.159581502	0.682454128	-3.398820e-06	1.639093e-05	-6.298828e-05
## 23	0.162723775	0.675010525	-1.338688e-04	6.921636e-05	-3.842474e-05
## 24	0.158988214	0.676162063	1.081794e-05	-4.129014e-06	7.562734e-06
## 40	-0.035635256	0.797621484	2.091950e-05	1.799939e-06	-5.064721e-06
## 41	-0.039713645	0.801844071	1.726921e-05	6.437341e-06	-7.952009e-06
## 42	-0.028047307	0.796819893	1.796066e-06	-3.676882e-06	3.127955e-06
## 58	0.023074341	0.790759888	-3.410156e-05	-3.385742e-05	8.613281e-06
## 59	0.025304159	0.788792928	2.082316e-05	1.898193e-05	-3.154500e-05
## 60	0.022408251	0.788838957	-3.739581e-06	-9.791588e-06	5.293203e-06
## 76	0.007457958	0.847876156	-2.491192e-05	9.200751e-06	-1.430377e-05
## 77	0.004151948	0.849795283	1.402065e-05	-1.800662e-05	1.824577e-05
## 78	0.008677684	0.845461372	-2.484255e-05	1.044490e-05	-1.131683e-05
## 94	0.077780032	0.574161006	-1.356081e-04	7.805798e-05	-4.029756e-05
## 95	0.069412231	0.541336060	-1.542969e-06	-5.458984e-06	9.531250e-06
## 96	0.026186570	0.562462862	-7.844050e-06	-8.638822e-06	3.177584e-07
## 112	0.644903795	0.491194815	-4.049049e-05	-1.972472e-05	-1.987213e-05
## 113	0.648035984	0.486967199	-4.891429e-05	8.827359e-06	-4.142731e-05
## 114	0.647489646	0.500499898	-1.417615e-06	-6.455063e-06	-5.774059e-06
## 130	0.650325928	0.252836914	-3.384766e-05	5.074219e-05	-4.545898e-05
## 131	0.657630615	0.256518555	-3.861328e-05	1.367188e-06	1.310547e-05
## 132	0.653003450	0.248047064	-3.061410e-06	1.503225e-05	-2.324067e-07
## 148	0.749329236	0.422196369	2.828045e-05	1.857462e-05	4.952567e-06
## 149	0.755113190	0.417478075	7.285922e-06	-3.409352e-05	-2.967984e-06
## 150	0.757603572	0.417761043	-8.052885e-07	-8.858173e-06	1.603065e-06
## 166	0.758008684	0.370717574	-6.221102e-05	-7.077089e-05	2.552017e-05
## 167	0.758263083	0.357199276	5.390242e-05	4.450061e-05	7.001570e-05

## 168	0.766856753	0.356510203	-1.211524e-05	-2.274307e-05	1.336190e-06
## 184	0.758724365	0.506469727	3.977539e-05	1.333984e-05	1.061523e-05
## 185	0.761895005	0.493774414	-2.515147e-05	7.224570e-06	2.408522e-05
## 186	0.754104685	0.472460300	-1.227754e-05	8.145521e-06	-1.177950e-05
## 202	0.806179124	0.408723792	4.057717e-05	-2.165378e-05	-7.156808e-05
## 203	0.809207093	0.393887389	-2.081419e-05	2.967984e-07	1.669730e-05
## 204	0.817740257	0.395974905	5.389095e-06	4.260273e-07	-1.274332e-06
## 220	0.222014771	0.402742920	-6.931641e-05	7.502930e-05	-2.652344e-04
## 221	0.205813599	0.255311279	7.514648e-05	-1.030273e-05	4.625000e-05
## 222	0.080751645	0.222805744	2.977841e-05	7.298717e-06	3.126200e-06
## 238	0.360960083	0.286766357	2.300781e-05	5.183594e-05	-7.626953e-06
## 239	0.279485474	0.398280029	1.108398e-04	-1.155566e-04	1.200391e-04
## 240	0.380332078	0.164173208	6.274790e-06	3.868690e-06	-7.886118e-06
## 256	0.210788433	0.248842680	-1.088492e-04	-1.727577e-04	6.122296e-06
## 257	0.132746379	0.248535156	-4.001872e-05	3.064982e-05	1.658122e-06
## 258	0.110103713	0.297727896	-9.232272e-06	-1.679913e-05	-1.805889e-06
## 274	0.396006658	0.367457463	-7.521409e-05	6.370192e-05	-3.231107e-05
## 275	0.391844769	0.361646380	1.559511e-05	6.776148e-06	6.710379e-05
## 276	0.400847626	0.357447815	2.644348e-06	1.874695e-05	-1.388855e-05
## 292	0.507447463	0.536299485	-1.743727e-05	-5.997408e-05	6.648137e-06
## 293	0.482620239	0.544461670	-2.823242e-05	5.527344e-06	-5.773437e-05
## 294	0.442445459	0.488001284	3.108623e-08	-1.734915e-05	1.031305e-05
## 310	0.493516145	0.499598750	9.765625e-07	-1.991102e-05	-5.687572e-06
## 311	0.482306344	0.553859789	-2.989477e-07	2.699498e-05	1.369180e-05
## 312	0.452235420	0.520348287	-5.250336e-06	-2.378402e-06	9.016327e-06
## 328	0.048428743	0.382042926	5.731997e-07	3.555961e-06	2.473251e-06
## 329	0.055837880	0.392519744	2.863876e-05	1.436184e-05	-2.310844e-05
## 330	0.046698038	0.400864000	-5.867432e-06	1.427779e-06	-1.223120e-06
## 346	0.177408447	0.505151367	4.178711e-05	4.588867e-05	-1.608398e-05
## 347	0.173431396	0.453511556	1.686605e-05	-1.590576e-04	-1.377360e-05
## 348	0.218942053	0.414179540	1.894934e-05	7.132311e-06	-3.566542e-06
## 364	0.173970324	0.444338535	-5.947681e-05	6.950216e-06	-6.311295e-05
## 365	0.157025926	0.446499439	2.895404e-05	5.037608e-05	-5.589262e-06
## 366	0.178949738	0.451737213	-1.089630e-05	-1.950836e-06	6.193542e-06
## 382	0.223190971	0.242214037	2.975331e-05	3.820270e-05	-4.640795e-05
## 383	0.170884802	0.240423974	-1.463805e-05	8.051446e-06	-6.516996e-05
## 384	0.204476536	0.293687877	6.542646e-07	3.949760e-06	3.313222e-06
## 400	0.235504150	0.249704319	-2.454427e-05	8.151042e-05	3.663194e-05
## 401	0.227311876	0.238018121	8.072917e-05	1.501736e-05	-2.417535e-05
## 402	0.219154733	0.243319752	2.482230e-06	1.432425e-05	1.517674e-06
## 418	-0.035905104	0.159057617	-7.831280e-06	-3.461163e-05	-6.101638e-05
## 419	-0.040557861	0.184611003	1.253662e-04	5.608114e-05	1.050822e-04
## 420	-0.078819746	0.210948527	1.026087e-06	1.704883e-05	-1.015486e-05
## 436	-0.090613852	0.360481729	4.740314e-05	9.954959e-06	1.045221e-04
## 437	-0.065984090	0.402598063	2.441406e-06	-3.102620e-05	-2.226766e-05
## 438	-0.079718246	0.422994641	-4.677098e-06	2.508166e-06	-1.047204e-05
## 454	-0.009791056	0.277791341	-5.354818e-05	1.513367e-04	-1.075948e-04
## 455	-0.019123159	0.295949733	8.484666e-05	-4.284408e-05	7.603682e-05
## 456	-0.003887247	0.386689361	3.934152e-06	1.058134e-05	-2.875853e-05
## 472	-0.186492581	0.436239285	7.302517e-06	-5.544705e-06	-6.043837e-06
## 473	-0.192210897	0.440688070	3.550347e-05	-1.235894e-05	-3.624132e-06
## 474	-0.215258156	0.433604506	-1.075372e-06	-6.427527e-06	-1.226879e-06
## 490	-0.288742676	0.302396240	-5.156250e-06	2.109375e-06	-4.912109e-06
## 491	-0.369991221	0.322918182	-9.131898e-06	4.581533e-06	-1.716257e-05

## 492	-0.308774786	0.378286071	-2.069816e-06	1.566638e-05	6.662142e-07
## 508	-0.322977702	0.404886882	8.850098e-07	-1.380412e-05	-2.541097e-05
## 509	-0.330866388	0.414694279	-2.551529e-05	3.330701e-05	5.848986e-06
## 510	-0.252237888	0.479071780	1.668158e-06	8.313846e-06	8.526142e-06
## 526	-0.168617942	0.433807373	-4.863947e-05	-4.877264e-05	-2.219460e-05
## 527	-0.174313753	0.427082891	1.331097e-05	-3.041143e-05	2.239725e-06
## 528	-0.213494010	0.408758004	-2.211823e-06	6.843424e-06	-3.462055e-06
## 544	-0.093117539	0.412284073	-3.358179e-06	2.929688e-06	2.406529e-05
## 545	-0.138326230	0.318353404	-4.206649e-05	-4.801078e-05	-4.856275e-05
## 546	0.381198934	0.185571899	1.386719e-05	2.698568e-05	-1.513590e-05
## 562	0.103917440	0.639134725	1.334330e-04	-2.490234e-05	3.579712e-05
## 563	0.052220662	0.714655558	3.652954e-05	-5.046590e-05	-2.505493e-05
## 564	0.042184347	0.502120921	-1.452334e-05	-6.042581e-06	1.459759e-05
## 580	-0.015427963	0.226195626	3.231042e-04	3.303753e-04	2.504671e-04
## 581	0.122395715	0.475249180	-2.671920e-05	-1.605650e-05	-3.974382e-07
## 582	0.058055871	0.336162979	-1.093985e-05	-1.365094e-05	-1.696003e-05
## 598	-0.022934583	-0.036087659	1.069535e-04	1.184630e-04	-3.458825e-05
## 599	0.170832316	0.114893595	1.059977e-05	1.595052e-04	1.327311e-04
## 600	0.225992062	0.310426799	9.761011e-06	-2.001953e-05	-1.685993e-05
## 616	0.536064480	0.356481801	9.118122e-05	-1.307745e-05	1.350204e-05
## 617	0.524773531	0.368701669	-1.628702e-04	-1.896348e-06	-3.147711e-05
## 618	0.537576739	0.317308337	1.532346e-05	-2.298317e-06	2.470509e-06
## 634	0.697280884	0.005701701	8.161418e-05	-5.525716e-05	7.375081e-05
## 635	0.679214478	0.056238810	2.970378e-06	-4.405721e-05	1.479085e-05
## 636	0.562622297	0.157358462	2.351312e-05	-2.318652e-05	9.772060e-06
## 652	0.088716872	0.279073188	-1.063830e-05	-1.004613e-05	-4.145196e-06
## 653	0.088607788	0.276738485	3.038534e-05	-1.078288e-05	1.562500e-05
## 654	0.111776003	0.261837018	-5.707700e-06	-6.951113e-07	-1.632741e-06
## 670	0.167410956	0.409596422	-9.092882e-06	-1.061198e-05	-2.124566e-05
## 671	0.152868717	0.385643168	-3.790933e-05	-1.921958e-06	-1.830535e-05
## 672	0.129055598	0.208093504	1.836159e-05	-5.705847e-07	-5.069578e-06
## 688	0.037999471	0.223566691	-1.161702e-05	-2.899170e-05	5.391439e-07
## 689	0.060712068	0.259409365	1.410708e-05	-1.394786e-05	1.637865e-05
## 690	0.131106312	0.327757955	2.212966e-06	9.436702e-06	5.974773e-06
## 706	-0.043811097	0.022276898	8.639589e-06	-9.646046e-06	1.036352e-05
## 707	-0.044608075	0.028271882	4.649287e-06	-3.354280e-06	-3.651495e-06
## 708	-0.042655002	0.031849266	1.365900e-06	-2.071374e-06	9.588653e-07
## 724	-0.172622681	-0.256788834	1.829993e-05	-1.422385e-06	-1.103940e-05
## 725	-0.171794726	-0.248509283	1.219642e-05	-3.449813e-06	9.893003e-06
## 726	-0.168843037	-0.222668600	8.085433e-06	-5.027167e-06	1.838746e-06
## 742	-0.126531264	0.193740546	1.067517e-05	-1.932062e-05	-3.705193e-06
## 743	-0.127729051	0.187365593	-5.797041e-06	1.080452e-06	-1.067985e-05
## 744	-0.130338472	0.178706077	8.835565e-07	2.828664e-06	-3.056368e-06
## 760	0.327411726	0.641086354	2.385015e-04	-1.300169e-04	1.443876e-04
## 761	0.420849609	0.688536377	2.839063e-04	-7.155273e-05	1.284863e-04
## 762	0.344336976	0.730703850	-1.242840e-05	3.184776e-05	-4.053454e-05
## 778	0.426217651	0.523165588	1.198090e-05	-8.563354e-05	-6.610443e-05
## 779	0.454321628	0.450264147	-2.436198e-04	3.433268e-04	1.624349e-05
## 780	0.578162556	0.487380858	5.962800e-05	2.602994e-05	-5.270976e-06
## 796	0.492939726	0.560242673	4.782040e-05	-6.975150e-05	-3.344623e-04
## 797	0.589749875	0.531287484	-4.630180e-05	1.022392e-04	-4.400104e-05
## 798	0.541415376	0.582655951	1.908518e-05	-4.514707e-05	2.690294e-05
## 814	0.565016373	0.644365394	-5.091924e-05	-1.124427e-04	1.871391e-05
## 815	0.569230425	0.685830624	1.055934e-04	3.689900e-05	3.948325e-05

## 816	0.494020033	0.773343216	-8.363991e-05	-8.243605e-06	-2.087615e-05
## 832	0.321268717	0.461329142	6.497192e-05	9.966024e-05	3.867594e-05
## 833	0.482884621	0.545931135	2.623764e-05	4.388552e-05	-4.196229e-05
## 834	0.505939038	0.430105432	-1.005178e-05	-2.920176e-05	1.770812e-06
## 850	0.558289795	0.477949829	9.236328e-05	-2.303711e-04	2.674121e-04
## 851	0.467478434	0.593907674	-1.964213e-04	7.011922e-05	-1.105245e-04
## 852	0.486691330	0.515019310	-2.785730e-05	1.278906e-05	-1.244424e-05
##	mean_Jx_Hand0	mean_Jy_Hand0	mean_Jz_Hand0	std_Ax_Hand0	std_Ay_Hand0
## 4	1.284430e-01	-0.1193820845	0.0472301449	0.021867626	0.015788053
## 5	3.797600e-02	-0.0049077869	0.0325028299	0.010190649	0.008517558
## 6	-7.885869e-03	-0.0119406424	0.0115709299	0.040677496	0.046681451
## 22	1.593632e-01	-0.2574198225	0.2034999223	0.104666773	0.057776583
## 23	3.394781e-01	-0.2026455056	0.0228163561	0.084928601	0.049628075
## 24	-3.134795e-02	0.0040755992	-0.0153779209	0.034510338	0.024140894
## 40	-2.571497e-02	-0.0542259560	-0.0048286270	0.017046086	0.011544943
## 41	-6.237419e-02	-0.0134414948	-0.0015041329	0.014813992	0.008780651
## 42	-7.511159e-03	0.0109411120	-0.0110827544	0.016754206	0.013151078
## 58	1.206102e-01	0.1036630558	0.0868123746	0.026877321	0.011543995
## 59	1.010343e-02	-0.0387202496	0.0425584433	0.018073939	0.013529897
## 60	1.284130e-02	-0.0045906982	-0.0026693616	0.016558295	0.010704507
## 76	3.445238e-02	-0.0055819608	0.0101562938	0.020454954	0.010393235
## 77	-8.770949e-02	0.0728285580	-0.0617283947	0.014919984	0.008941766
## 78	1.955427e-02	-0.0110975091	0.0168421012	0.021311174	0.014108750
## 94	7.731981e-02	-0.1734804145	-0.1352670737	0.046063224	0.028719742
## 95	1.721832e-01	-0.1154600903	0.1381320902	0.032927419	0.019360351
## 96	9.372475e-03	0.0160933293	-0.0041151337	0.026701120	0.016750811
## 112	7.296182e-02	0.0893933317	0.0155472269	0.040471360	0.023967683
## 113	1.928507e-01	0.1524675407	0.1082785506	0.056239679	0.020411411
## 114	-8.824503e-03	-0.0019210065	-0.0060332211	0.044000853	0.022218906
## 130	1.882308e-01	0.0355096651	0.0506696132	0.020188827	0.016539220
## 131	-5.023567e-02	-0.0659701938	-0.0649210286	0.024891802	0.024842974
## 132	1.636355e-02	-0.0344068474	0.0087782406	0.026161730	0.025219174
## 148	8.923985e-02	0.0142704473	0.0250277887	0.029702194	0.025309587
## 149	-1.560393e-02	0.0638309074	0.0779763021	0.032729865	0.032542297
## 150	-1.130226e-02	0.0146317309	-0.0111402851	0.026665116	0.018075385
## 166	-5.032748e-02	0.1639901993	-0.2710321359	0.051116950	0.039569740
## 167	2.898684e-01	-0.0647024883	0.0657274812	0.043105579	0.031391068
## 168	3.719740e-02	0.0889333784	-0.0246246628	0.045626358	0.029322191
## 184	-1.785023e-01	-0.0755500913	0.0163504253	0.038745763	0.020710073
## 185	-1.378052e-01	0.0115461891	-0.1169472021	0.029129613	0.014547172
## 186	4.347582e-02	-0.0294192410	0.0347492334	0.040163915	0.018473196
## 202	-2.073851e-02	0.2643642547	0.2283035892	0.039080638	0.026046058
## 203	5.154834e-02	-0.0694813684	0.0104086618	0.050446063	0.028576137
## 204	-2.510853e-02	0.0014802150	-0.0010811258	0.041496774	0.020795012
## 220	-7.277402e-01	-0.2413946800	-0.2764429639	0.094559622	0.100700241
## 221	3.418856e-01	0.1940730140	0.3053396581	0.047997078	0.039187484
## 222	-9.779684e-02	-0.0344379557	-0.0602231188	0.066825508	0.131316971
## 238	-1.360410e-01	-0.3750617157	-0.1244217605	0.077172237	0.072675824
## 239	-3.571983e-02	0.0482449338	0.2520018128	0.058303324	0.080776467
## 240	-3.271139e-02	0.0258366208	-0.0212339047	0.102666732	0.127131767
## 256	3.684101e-01	0.1171645485	0.1069166638	0.048425021	0.056603912
## 257	-1.575536e-02	0.0524688776	0.0980925546	0.056912161	0.062816303
## 258	3.658067e-02	0.0242608500	0.0060736944	0.059611954	0.099693430
## 274	1.475278e-01	-0.0624815020	-0.1047622906	0.032809108	0.030105991

##	275	1.981863e-01	-0.0321988056	0.1520825885	0.034520814	0.026004686
##	276	-3.401855e-05	-0.0317165898	0.0169581166	0.069969940	0.052192353
##	292	-4.921951e-02	0.0541693672	-0.0037960724	0.019485487	0.022112712
##	293	-9.557292e-02	0.0652995102	-0.0998565148	0.028364881	0.036284962
##	294	4.817723e-03	0.0366607404	-0.0123327782	0.039689830	0.044754596
##	310	-2.678805e-02	0.0143655599	0.0809080296	0.037643824	0.016060591
##	311	1.894487e-01	-0.0119148999	0.1367528720	0.033569978	0.030003648
##	312	3.255406e-03	-0.0005000578	-0.0320241477	0.065160015	0.066428260
##	328	3.804928e-02	-0.0281540737	-0.0006655681	0.009787073	0.011293560
##	329	-3.356482e-02	0.0090302145	0.0874917339	0.006920343	0.009766686
##	330	1.011430e-02	-0.0072906792	-0.0008595991	0.008383465	0.009544752
##	346	-1.035182e-01	0.1837525727	-0.0307880624	0.038755777	0.070428419
##	347	-1.348716e-01	0.0876736401	-0.2010770756	0.060910110	0.066841058
##	348	-7.082967e-02	0.0227133657	-0.0173684152	0.063125088	0.086125528
##	364	1.202437e-01	-0.0871838018	0.0722118201	0.049765022	0.044602118
##	365	1.925709e-02	-0.1449689437	-0.0095541154	0.043382740	0.047165642
##	366	3.530727e-02	0.0201725624	0.0011926748	0.055322279	0.047399883
##	382	-2.253941e-01	-0.1564886599	0.1779814915	0.073934371	0.067601352
##	383	1.360688e-01	-0.0614793745	0.0475135604	0.089985437	0.063324530
##	384	-4.310528e-05	0.0301355398	-0.0040296489	0.094734678	0.086465099
##	400	-2.113297e-01	-0.0467577228	-0.0775521126	0.071656678	0.052928017
##	401	2.853196e-01	0.0175443943	-0.1113920562	0.079933478	0.044367069
##	402	6.670175e-03	-0.0486934732	0.0293797203	0.072016367	0.055466921
##	418	-6.517663e-02	-0.3323541585	0.0657231924	0.065912319	0.083116345
##	419	-3.185800e-01	-0.1988138983	-0.1450606585	0.080255362	0.122686842
##	420	-1.533825e-02	-0.0404800348	0.0407324249	0.079782640	0.123765207
##	436	-4.109634e-02	0.0644719858	0.0468857256	0.049451348	0.044476050
##	437	-3.516485e-02	-0.0811298975	-0.1706109871	0.049639462	0.049123369
##	438	2.648552e-02	-0.0044714257	0.0185152502	0.040164715	0.047681631
##	454	-3.434354e-01	0.6467517806	-0.0044225037	0.170481787	0.316516866
##	455	2.798751e-01	-0.0250760487	0.1162668680	0.104233225	0.176664147
##	456	-4.338567e-02	-0.0014287734	0.0525461070	0.074192940	0.177458659
##	472	-1.432840e-02	-0.0240174127	-0.0176978501	0.014484696	0.015568007
##	473	8.056418e-03	0.0221651751	0.0389403468	0.011372305	0.010472259
##	474	-7.293240e-04	0.0153626124	0.0075030679	0.019809795	0.026318857
##	490	7.565585e-02	-0.3688818397	0.1955109303	0.051264500	0.066845401
##	491	-1.343603e-02	-0.0296922421	-0.0011749237	0.009527421	0.011164998
##	492	1.001808e-02	-0.0021387251	0.0155263606	0.047456325	0.084059981
##	508	3.335577e-02	0.0226949945	0.0557436181	0.013616568	0.021645117
##	509	2.161261e-02	-0.0200262761	0.0392184382	0.015300475	0.022939025
##	510	-2.281792e-04	0.0009486050	-0.0080962622	0.037159925	0.079488862
##	526	6.271078e-02	0.0339770839	-0.0041674887	0.035417080	0.026422556
##	527	7.877558e-03	-0.1289488986	0.0162197513	0.023835885	0.032234224
##	528	5.566878e-03	-0.0057640958	0.0118963796	0.079046237	0.079095734
##	544	-7.122549e-02	0.0710912613	-0.0502099464	0.014532692	0.015843262
##	545	-1.712077e-01	-0.0833649443	-0.2455760898	0.094900906	0.126742590
##	546	7.683733e-02	0.0857365521	-0.1076324512	0.173757585	0.273676186
##	562	1.305904e-01	0.0484918992	0.1015726140	0.096566221	0.023630629
##	563	-6.478271e-02	0.0030491945	0.2148873661	0.047427334	0.043838348
##	564	-1.244764e-02	0.0276595365	-0.0818150983	0.171698042	0.136277745
##	580	4.715886e-01	0.6753914627	0.3415926513	0.124008628	0.193642865
##	581	-2.087711e-01	-0.1355032757	0.1267813721	0.135417868	0.062825720
##	582	-2.308372e-02	0.0044987452	0.0154570709	0.129096795	0.172778813
##	598	-8.027637e-02	-0.0598106981	-0.1101032894	0.037406077	0.036990515

##	599	1.808306e-01	0.2815194460	0.2602102038	0.122620284	0.128459034
##	600	-2.405555e-02	0.0248758724	0.0431656120	0.077099285	0.093545860
##	616	-6.923840e-02	0.0627305344	-0.0489724309	0.053128512	0.031817264
##	617	1.730609e-01	-0.0266078732	0.1735749670	0.032373030	0.018965257
##	618	-2.449037e-02	0.0153236468	-0.0186303395	0.062826536	0.030029324
##	634	3.658962e-02	0.2548108297	-0.0072891059	0.077195130	0.071918263
##	635	-1.216151e-01	0.2890342248	-0.0768180235	0.076185620	0.057801377
##	636	-1.160418e-01	-0.0062979734	-0.0032605089	0.173644532	0.196365490
##	652	2.058563e-02	-0.0148729924	0.0156547333	0.012752843	0.007668336
##	653	-3.492068e-02	0.0229822966	0.0292942220	0.012982538	0.008842576
##	654	2.869333e-02	0.0003316809	0.0030125493	0.032643525	0.056320137
##	670	-3.127290e-02	0.0376825634	-0.0245774295	0.014732168	0.019655208
##	671	3.930465e-02	0.0033998232	-0.0410115722	0.017790816	0.022303525
##	672	-3.051319e-02	0.0014702483	0.0042783114	0.062599178	0.067441857
##	688	-4.356819e-02	0.0280901978	-0.0497418834	0.016483606	0.025346431
##	689	9.011630e-02	-0.0034903729	0.0732248181	0.019180264	0.035204195
##	690	2.059313e-02	0.0213002121	-0.0237998806	0.037763577	0.070889439
##	706	1.697448e-03	0.0151362598	0.0141071932	0.005472744	0.005243062
##	707	-1.089390e-02	-0.0075913311	0.0348311472	0.005338378	0.005124296
##	708	-5.914740e-03	0.0071261152	-0.0054690561	0.007258760	0.006037797
##	724	-1.345290e-02	-0.0362555063	0.0091691718	0.017110909	0.014690604
##	725	-6.065493e-02	0.0728268936	-0.0067364999	0.020751530	0.020487036
##	726	-2.245100e-02	0.0136095591	0.0140340444	0.019192912	0.012576226
##	742	-6.033974e-03	0.0160960720	-0.0207073945	0.009874034	0.007777452
##	743	-2.823671e-02	0.0109559652	-0.0336651248	0.006912618	0.006293290
##	744	-2.742223e-03	-0.0038244476	0.0016253858	0.007882282	0.006692379
##	760	8.588758e-02	0.3383509897	0.0957188548	0.214934917	0.155755901
##	761	-6.422686e-01	0.3511254728	-0.4297296288	0.155972938	0.212718821
##	762	2.313231e-02	-0.0529615939	0.0936788024	0.162756244	0.106370931
##	778	-3.453711e-01	0.1242441495	-0.5603508099	0.202071756	0.220294327
##	779	4.913407e-01	-0.5106928026	0.3078724176	0.132321696	0.391785551
##	780	-1.104569e-01	-0.0677890546	0.0139892941	0.154878620	0.172829908
##	796	-3.823723e-01	-0.0284558292	-0.3943896123	0.229390950	0.169451054
##	797	-4.226253e-01	0.1355222376	-0.2315159039	0.063666706	0.065837404
##	798	-3.677684e-03	0.0752550179	-0.0074767899	0.144701534	0.110924311
##	814	-2.018144e-02	0.1546789662	-0.1156336092	0.084745801	0.074200876
##	815	1.953088e-02	0.0878989970	0.0236017447	0.132690086	0.068841029
##	816	1.808847e-01	0.0509407060	0.1109983046	0.209835437	0.163010554
##	832	2.518220e-01	0.2264461383	0.3772994570	0.150488713	0.065175983
##	833	-1.699502e-01	-0.1215801105	0.0454034692	0.107606748	0.098127784
##	834	1.748346e-02	0.1084893165	-0.0626233686	0.155386364	0.147770177
##	850	-1.282528e-01	-0.3982156248	0.5329702645	0.168113784	0.135318093
##	851	-9.850499e-02	-0.2158872978	-0.0520642292	0.127193183	0.062823005
##	852	8.903546e-02	0.0147451381	-0.0127527337	0.140286517	0.140405276
##		std_Az_Hand0	std_Vx_Hand0	std_Vy_Hand0	std_Vz_Hand0	std_Jx_Hand0
##	4	0.017773190	0.0005463235	0.0004860465	0.0004607293	1.8636140
##	5	0.010530739	0.0002968892	0.0001957775	0.0002895874	0.8191468
##	6	0.028792945	0.0009643827	0.0009909104	0.0005834999	2.7868521
##	22	0.060617270	0.0025491446	0.0013322550	0.0011245132	6.9874701
##	23	0.051999830	0.0014599750	0.0012555600	0.0009981360	4.2844699
##	24	0.029389757	0.0006863429	0.0005115161	0.0004806966	1.9726780
##	40	0.011186634	0.0003939275	0.0002143698	0.0003036626	0.9118815
##	41	0.010117113	0.0003794433	0.0002436861	0.0003022171	0.8950140
##	42	0.011159045	0.0004574045	0.0003150000	0.0003375291	1.1195263

## 58	0.016285073	0.0006113152	0.0003267813	0.0005597992	1.4091642
## 59	0.013544371	0.0004147598	0.0004092517	0.0004010829	1.1205773
## 60	0.011573019	0.0005996079	0.0003813697	0.0004059526	1.0684255
## 76	0.011173981	0.0004318916	0.0003156430	0.0002856780	1.5318780
## 77	0.010590970	0.0004529093	0.0003039425	0.0003956346	1.2269505
## 78	0.012055472	0.0007682675	0.0004442434	0.0003993305	1.5329959
## 94	0.044861444	0.0007556594	0.0006339372	0.0006801426	2.1737948
## 95	0.030439852	0.0007888637	0.0005035624	0.0007239205	1.9008997
## 96	0.025384880	0.0006010086	0.0003364066	0.0004846585	1.5455463
## 112	0.028825837	0.0008153632	0.0004560059	0.0004808038	2.5146095
## 113	0.038454424	0.0010448145	0.0003884995	0.0006465873	3.0221310
## 114	0.031184618	0.0009547232	0.0004582877	0.0006107584	2.2712884
## 130	0.019898287	0.0004390947	0.0003559552	0.0004355836	1.3808230
## 131	0.023209953	0.0004299857	0.0005374234	0.0004786199	1.3490078
## 132	0.023173636	0.0005060693	0.0005878770	0.0005470159	1.5721387
## 148	0.022392482	0.0005475356	0.0004090448	0.0005034029	1.3250731
## 149	0.039351209	0.0005092498	0.0005776491	0.0005365728	1.7025043
## 150	0.021183674	0.0005001399	0.0004242175	0.0004502537	1.4610165
## 166	0.039377278	0.0009151469	0.0007339063	0.0006279833	2.6399700
## 167	0.028162832	0.0006570074	0.0005345378	0.0005163341	2.0177029
## 168	0.036401387	0.0008000178	0.0006346595	0.0006963301	2.3572957
## 184	0.026892856	0.0006520815	0.0003009603	0.0005557584	1.7099117
## 185	0.024396356	0.0005806950	0.0003082786	0.0004942796	1.3927948
## 186	0.027918088	0.0006220941	0.0004078245	0.0005447692	1.7850111
## 202	0.031354043	0.0006584791	0.0005388245	0.0009379424	2.0408234
## 203	0.036170833	0.0009399422	0.0006130639	0.0007108423	2.3546806
## 204	0.032066174	0.0006678630	0.0004471742	0.0006112804	1.7514115
## 220	0.139977090	0.0008294094	0.0011367323	0.0010048249	3.1595196
## 221	0.033631406	0.0009453670	0.0007336948	0.0006320337	3.0800658
## 222	0.103088418	0.0009557817	0.0008428858	0.0007212806	2.8281015
## 238	0.098832784	0.0016371711	0.0013894999	0.0014440695	3.0745441
## 239	0.091190980	0.0011556557	0.0010234539	0.0008973349	2.6826716
## 240	0.122351935	0.0013446732	0.0012586729	0.0010882295	3.8433238
## 256	0.045788360	0.0009633241	0.0009553091	0.0005557842	3.0760914
## 257	0.048303091	0.0009842147	0.0007755863	0.0007539831	2.5205687
## 258	0.080219532	0.0008982466	0.0008220310	0.0007303945	2.6253518
## 274	0.023778719	0.0007903635	0.0008534576	0.0007889114	1.7122176
## 275	0.030925336	0.0004985171	0.0005237745	0.0004610873	1.1918211
## 276	0.090729383	0.0009301922	0.0007275483	0.0007303811	2.5029233
## 292	0.017657798	0.0004145515	0.0003582136	0.0003440365	1.0627101
## 293	0.048025798	0.0004398707	0.0004047282	0.0005459186	1.2916993
## 294	0.058348326	0.0005555650	0.0004565622	0.0004652284	1.5311992
## 310	0.032995039	0.0003422373	0.0002563023	0.0002869250	0.9674968
## 311	0.039835802	0.0005829482	0.0004578454	0.0005602181	1.6472401
## 312	0.070521942	0.0006330224	0.0003926064	0.0004710478	1.8658534
## 328	0.009942013	0.0002255625	0.0002674200	0.0002638488	0.4841701
## 329	0.009462868	0.0001643830	0.0003033102	0.0002695921	0.4995667
## 330	0.009881835	0.0001881751	0.0002203681	0.0002409496	0.4291149
## 346	0.063686934	0.0006445522	0.0006798009	0.0006996351	1.8758238
## 347	0.041332128	0.0012115693	0.0009934014	0.0005678978	2.4940212
## 348	0.057764409	0.0009458876	0.0009190941	0.0005581696	2.8579902
## 364	0.041605244	0.0008805762	0.0012719265	0.0010044481	2.5071786
## 365	0.034189710	0.0009556367	0.0011645728	0.0005810223	2.3871133
## 366	0.045773782	0.0010033666	0.0010506295	0.0010190746	2.4723368

## 382	0.068940507	0.0012433012	0.0013660485	0.0013310604	3.3590991
## 383	0.081786645	0.0012231510	0.0011277073	0.0014715944	3.1174097
## 384	0.092031904	0.0015509934	0.0016256993	0.0017729643	3.8372843
## 400	0.054786212	0.0014046054	0.0015782319	0.0014009482	3.2929297
## 401	0.060161235	0.0014615864	0.0011372724	0.0018377299	3.3520635
## 402	0.061752787	0.0014015197	0.0011798232	0.0015311325	3.2807398
## 418	0.056577037	0.0011030166	0.0013532836	0.0011417847	3.2640263
## 419	0.087751726	0.0012729330	0.0013847022	0.0016687323	3.4139951
## 420	0.077888613	0.0014329879	0.0018565982	0.0015643981	3.8447751
## 436	0.060173027	0.0008858430	0.0006655665	0.0007497184	2.1012866
## 437	0.056506481	0.0007420477	0.0008302546	0.0008671680	2.0312820
## 438	0.041767451	0.0007372162	0.0008186661	0.0006889287	2.1709661
## 454	0.078440899	0.0019941131	0.0033639750	0.0015845175	4.8351220
## 455	0.066138385	0.0016414334	0.0015472605	0.0010065511	3.8311649
## 456	0.135152338	0.0011140415	0.0015924123	0.0011205186	2.8322314
## 472	0.013087128	0.0002667122	0.0003084512	0.0003123774	0.6175674
## 473	0.012619797	0.0002773889	0.0003327841	0.0003808516	0.6053599
## 474	0.020604333	0.0003646212	0.0003703677	0.0004337864	0.8832066
## 490	0.032922576	0.0010983893	0.0010055205	0.0008255342	2.8979733
## 491	0.012156817	0.0002201469	0.0002465762	0.0003456288	0.5010469
## 492	0.054730992	0.0008016752	0.0008294466	0.0007262069	1.9244522
## 508	0.019922499	0.0002677700	0.0004108001	0.0003692666	0.9234384
## 509	0.010820181	0.0004708933	0.0004564755	0.0003095737	1.0834044
## 510	0.054175784	0.0005322872	0.0006419359	0.0005521182	1.2415074
## 526	0.024211351	0.0012946212	0.0006016140	0.0008065456	2.3943468
## 527	0.025533108	0.0004212709	0.0004372545	0.0004637116	1.3307668
## 528	0.091495287	0.0008131450	0.0007103878	0.0008832004	1.6548893
## 544	0.010336114	0.0002587074	0.0002064327	0.0002484777	0.7757628
## 545	0.054451857	0.0011006560	0.0013436632	0.0007731400	2.4288887
## 546	0.265309072	0.0015169493	0.0012974680	0.0013683315	3.5781446
## 562	0.063597984	0.0010473669	0.0005284394	0.0007047403	2.2080406
## 563	0.043455202	0.0008561560	0.0009758588	0.0011456383	1.8690916
## 564	0.172678112	0.0014116755	0.0014652247	0.0013953920	3.3763606
## 580	0.110740585	0.0017426083	0.0019506764	0.0020443628	4.6664948
## 581	0.119975673	0.0013852765	0.0010842638	0.0011144771	3.5695329
## 582	0.163967548	0.0015268477	0.0017250951	0.0013447733	3.1832228
## 598	0.032593217	0.0011104854	0.0011010175	0.0008360076	3.0828640
## 599	0.090809294	0.0013041973	0.0017435696	0.0014228344	3.8303778
## 600	0.088620744	0.0014273704	0.0011394625	0.0012105238	4.0111349
## 616	0.038136812	0.0010655471	0.0008384390	0.0009009750	3.2722554
## 617	0.033187973	0.0008627055	0.0006145979	0.0009204043	1.8665736
## 618	0.057126635	0.0009704324	0.0005769505	0.0007656214	2.3304164
## 634	0.057634572	0.0015371156	0.0016716363	0.0010626787	3.6308472
## 635	0.068894684	0.0014523316	0.0011611857	0.0009568432	3.3491321
## 636	0.113888309	0.0013668633	0.0011190317	0.0011105324	3.2721085
## 652	0.016966226	0.0003316767	0.0002139102	0.0003938834	0.7813196
## 653	0.018921976	0.0003461121	0.0002148612	0.0003079440	0.7740459
## 654	0.065416112	0.0005709659	0.0003696553	0.0004292213	1.5206036
## 670	0.018656994	0.0003285262	0.0004432894	0.0004671555	0.8753347
## 671	0.026071104	0.0003796091	0.0005520946	0.0006058103	0.8728815
## 672	0.103382391	0.0009518399	0.0007516323	0.0009111187	2.3459143
## 688	0.019782176	0.0003722030	0.0004562381	0.0004125906	0.9827271
## 689	0.024819802	0.0003865739	0.0004503133	0.0004511574	0.8623868
## 690	0.050604754	0.0007495633	0.0005953063	0.0005705160	1.5597565

## 706	0.007965446	0.0001821462	0.0001786883	0.0002937102	0.4094674
## 707	0.009260830	0.0001537989	0.0001544347	0.0003160087	0.3794205
## 708	0.008817077	0.0002173798	0.0001840068	0.0002618443	0.5116463
## 724	0.010017584	0.0004160124	0.0003350716	0.0003118577	0.9169497
## 725	0.025866822	0.0004070981	0.0004491151	0.0004587417	0.9131962
## 726	0.042777881	0.0004139810	0.0002702716	0.0003989954	0.9687902
## 742	0.012164917	0.0002440316	0.0002519258	0.0002454494	0.6522509
## 743	0.007825715	0.0002474331	0.0001825508	0.0002173421	0.5569488
## 744	0.011684373	0.0002205276	0.0002044177	0.0002652182	0.5242398
## 760	0.207027004	0.0029567382	0.0031640613	0.0017257815	7.9436992
## 761	0.122422261	0.0033288345	0.0023702068	0.0020675643	9.7223845
## 762	0.117183602	0.0023398118	0.0018988995	0.0014870967	5.2217107
## 778	0.152372279	0.0020985204	0.0027525088	0.0018811136	5.1484473
## 779	0.130106255	0.0035380198	0.0060152034	0.0038611388	8.5942513
## 780	0.121433080	0.0019881810	0.0024234193	0.0014097041	4.7291241
## 796	0.159246965	0.0020059834	0.0015295169	0.0017468943	5.2891410
## 797	0.086355164	0.0006908500	0.0008132345	0.0006926744	1.7445309
## 798	0.119118304	0.0014681854	0.0017808661	0.0012317883	3.5332719
## 814	0.051219668	0.0018741837	0.0017322699	0.0011474384	3.9562831
## 815	0.075319024	0.0019953889	0.0014417741	0.0011044727	5.1724374
## 816	0.118241971	0.0037253890	0.0040497329	0.0018726539	8.1726485
## 832	0.130621356	0.0010205778	0.0007782407	0.0010305110	2.2570237
## 833	0.103560096	0.0016394420	0.0014761311	0.0012867364	4.3322041
## 834	0.152966593	0.0024413296	0.0025464682	0.0017963233	5.0977620
## 850	0.142074841	0.0023612519	0.0016406341	0.0011283816	6.9467728
## 851	0.076661179	0.0014417602	0.0012571787	0.0009778670	3.0867082
## 852	0.138525100	0.0014723529	0.0014859790	0.0010887595	3.3960987
##	std_Jy_Hand0	std_Jz_Hand0	max_Ax_Hand1	max_Ay_Hand1	max_Az_Hand1
## 4	1.4306913	1.3132198	1.0335236	0.126770020	0.421707153
## 5	0.5456267	0.8459355	1.0213165	0.099914551	0.340652466
## 6	2.8590172	1.7291963	1.0252228	0.165344238	0.481277466
## 22	3.7137102	3.3464031	1.0139923	0.213195801	0.464187622
## 23	3.8006677	2.4515030	1.1043243	0.518371582	0.552566528
## 24	1.4196780	1.3685977	1.0716095	0.413391113	0.443191528
## 40	0.6053680	0.7093912	0.9075470	-0.013854980	0.533523560
## 41	0.6400785	0.8184300	0.9173126	0.011535645	0.538894653
## 42	0.7945694	0.8296118	0.9549103	0.179504395	0.541824341
## 58	0.9640233	1.1851994	0.9392853	0.098449707	0.508132935
## 59	1.0903589	1.0230318	0.9134064	0.097473145	0.495437622
## 60	0.8470549	0.8516984	0.9387970	0.106262207	0.492019653
## 76	0.7833374	0.9980549	0.9827423	-0.004577637	0.445632935
## 77	0.6961030	0.9379074	0.9783478	0.020812988	0.470046997
## 78	1.1898851	0.9106383	1.0354767	0.033508301	0.465652466
## 94	1.7648416	2.3705444	0.9545746	0.053878784	0.387741089
## 95	1.6683647	1.4862536	0.9389496	0.057296753	0.386764526
## 96	0.9262551	1.2525830	0.9638519	0.085617065	0.385299683
## 112	1.4368413	1.6096797	0.6576996	0.769699097	0.385787964
## 113	1.7712903	2.0630011	0.6362152	0.806808472	0.452194214
## 114	1.2886553	1.6276739	0.7577972	0.798507690	0.434127808
## 130	0.9900045	1.1316546	0.7118988	0.840988159	0.216354370
## 131	1.2385724	1.4797571	0.7353363	0.791671753	0.193893433
## 132	1.5260549	1.5464419	0.7626801	0.889328003	0.269577026
## 148	1.2153261	1.3728984	0.5829926	0.856613159	0.374557495
## 149	1.7281296	1.7814487	0.6298676	0.875167847	0.388717651

## 150	1.1669126	1.2387415	0.6606293	0.881027222	0.417526245
## 166	2.2054408	2.2936626	0.6938324	0.876632690	0.399948120
## 167	1.8028089	1.7365611	0.6606293	0.894699097	0.389205933
## 168	1.7702094	2.0669577	0.6962738	0.907882690	0.399459839
## 184	1.0039168	1.4765145	0.5580902	0.839035034	0.415573120
## 185	1.0083619	1.5500798	0.5165863	0.839035034	0.391159058
## 186	1.1502896	1.5086998	0.5781097	0.872726440	0.446823120
## 202	1.5171431	1.9655222	0.6347504	0.863937378	0.415573120
## 203	1.8597856	2.1015346	0.6718597	0.869796753	0.424362183
## 204	1.3226613	1.7181427	0.6611176	0.915695190	0.501510620
## 220	3.3522188	2.8209771	1.1197205	0.252151489	0.093917847
## 221	1.7863749	1.8064222	1.0806580	0.227249146	0.006515503
## 222	2.6382334	2.3854628	1.2032166	0.597366333	0.402999878
## 238	4.0780950	4.7905420	1.1143494	0.440628052	0.370285034
## 239	3.6421455	2.7004413	1.1119080	0.457229614	0.343429565
## 240	4.0831736	3.2886473	1.1280212	0.808792114	0.415206909
## 256	3.9089547	2.0157134	1.0977478	0.269241333	0.183273315
## 257	2.1131391	1.8152485	1.0870056	0.296096802	0.221847534
## 258	2.3405388	2.0199372	1.1895447	0.377151489	0.396163940
## 274	3.2022829	1.2584081	0.8306580	0.574905396	0.425460815
## 275	1.0587323	1.2636577	0.8560486	0.611038208	0.508468628
## 276	2.1743056	1.9412630	1.0508728	0.731155396	0.580245972
## 292	1.0263939	0.9019707	0.7295837	0.570022583	0.512374878
## 293	1.3233278	1.5012037	0.7330017	0.607131958	0.537277222
## 294	1.3396979	1.3016669	0.8345642	0.662796021	0.608566284
## 310	0.7660251	0.7489999	0.7930603	0.576858521	0.549972534
## 311	1.4948617	1.6125750	0.6988220	0.663772583	0.602218628
## 312	1.2002597	1.4653633	0.8804626	0.700393677	0.620285034
## 328	0.6088384	0.6038590	0.9872284	0.177276611	0.445205688
## 329	0.6122922	0.7512411	0.9496307	0.210479736	0.504287720
## 330	0.5453755	0.5827106	1.0404510	0.230987549	0.597061157
## 346	2.0995425	1.8335061	0.9061737	0.475128174	0.595596313
## 347	2.4762573	1.7355974	0.8324432	0.499053955	0.652725220
## 348	3.0262348	1.5415091	0.9437714	0.659210205	0.699111938
## 364	2.7557742	2.8507449	0.9091034	0.401397705	0.284561157
## 365	3.6559931	1.7612510	0.9393768	0.385284424	0.326553345
## 366	2.7441979	2.5765375	0.9574432	0.466339111	0.359756470
## 382	3.9700999	3.8318238	1.1776581	0.501495361	0.087783813
## 383	2.7128996	4.8923711	1.0673065	0.502960205	0.071670532
## 384	3.6243460	4.1064333	1.1703339	0.448760986	0.051651001
## 400	2.9640980	3.7121076	0.9423065	0.387237549	0.320693970
## 401	2.3826010	3.7469129	0.9901581	0.361358643	0.283584595
## 402	2.8835203	3.6167154	1.0428925	0.527862549	0.428115845
## 418	4.1867558	4.4200842	1.0511932	0.326202393	0.036026001
## 419	4.0208826	4.1308024	1.0922089	0.443389893	0.091201782
## 420	4.6887656	3.9737075	1.2030487	0.530792236	0.291885376
## 436	1.6474180	2.0463968	1.0544739	-0.047256470	0.523498535
## 437	2.1879021	1.9125519	1.1238098	0.129013062	0.533264160
## 438	2.0590299	1.7153444	1.1062317	0.059188843	0.612854004
## 454	6.6550497	3.9148676	1.1697083	0.284286499	0.547912598
## 455	3.7813668	2.6615079	1.1736145	0.108016968	0.601623535
## 456	3.6410683	2.6884254	1.2712708	0.358505249	0.714416504
## 472	0.6399322	0.6709538	0.8244934	-0.122451782	0.593811035
## 473	0.6389946	0.8632200	0.8254700	-0.130752563	0.606506348

## 474	0.9089142	0.9877515	0.8357239	-0.063858032	0.681213379
## 490	3.2898361	2.3998938	0.8410950	-0.407119751	0.527893066
## 491	0.5846545	0.6447238	0.7995911	-0.482315063	0.419982910
## 492	2.1844596	1.7044797	0.8889465	-0.419815063	0.503479004
## 508	1.0230132	0.8434758	0.8225403	-0.341201782	0.495178223
## 509	1.0697889	0.7471303	0.8064270	-0.371963501	0.465393066
## 510	1.5260255	1.2860408	0.8791809	-0.116104126	0.628479004
## 526	1.3185377	1.5666136	0.8391418	0.019638062	0.714416504
## 527	1.0501467	1.1940514	0.8376770	-0.001358032	0.689514160
## 528	1.6801215	1.9457076	0.9475403	0.067977905	0.770568848
## 544	0.6857484	0.5649417	0.8622437	0.144058228	0.720764160
## 545	2.7126407	2.0900538	1.5140991	0.217788696	0.700256348
## 546	3.0940253	2.9083855	1.1947632	1.046401978	0.769104004
## 562	1.3852103	1.9383159	0.9003296	0.236831665	0.420959473
## 563	2.3916466	2.5627570	0.8612671	0.136734009	0.391662598
## 564	3.0962127	2.9859245	1.2348022	0.512222290	0.935607910
## 580	5.1647108	3.9159461	1.2694702	0.142105103	0.539123535
## 581	2.2405394	2.3649252	1.0170288	0.068374634	0.728088379
## 582	3.5854281	2.5514597	1.3720093	0.443862915	0.893615723
## 598	2.7550773	1.6687043	0.9232788	-0.111801147	0.124572754
## 599	3.6038459	3.0656546	0.9618530	0.112808228	0.317443848
## 600	2.7703561	3.2998693	1.0902710	0.616714478	0.638244629
## 616	2.0300639	2.1515133	0.7001343	0.633804321	0.583068848
## 617	1.4157940	2.3152956	0.6303101	0.566909790	0.574768066
## 618	1.3840876	1.8093349	0.8300171	0.590347290	0.627990723
## 634	4.0640400	2.5957104	0.6884155	0.810073853	0.315490723
## 635	3.2021543	2.5102690	0.6561890	0.758804321	0.360412598
## 636	2.8436697	2.5605855	1.0834351	1.168472290	0.724182129
## 652	0.5204945	0.9483103	0.9087372	-0.180999756	0.093399048
## 653	0.7503941	0.8107783	0.9053192	-0.181976318	0.089492798
## 654	0.9526429	1.0204939	1.0327606	0.062164307	0.116836548
## 670	0.9845933	1.2048585	0.8605499	0.157958984	0.555923462
## 671	1.0380926	1.3052487	0.8747101	0.126220703	0.514419556
## 672	1.9975492	2.2033002	1.0890656	0.293701172	0.531509399
## 688	1.2283341	1.1470567	0.9079132	0.026611328	0.468032837
## 689	1.1936363	1.0628964	0.8971710	0.052490234	0.480728149
## 690	1.3497709	1.4496774	0.9733429	0.274658203	0.577896118
## 706	0.4120388	0.6723981	0.9582062	-0.019775391	0.229263306
## 707	0.3793674	0.6633148	0.9533234	-0.022705078	0.231216431
## 708	0.4733347	0.6364497	0.9709015	-0.013427734	0.238540649
## 724	0.7131636	0.7030391	1.0035248	-0.193023682	0.052673340
## 725	1.0407575	1.0989244	1.0181732	-0.089996338	0.125915527
## 726	0.6669131	0.9669946	1.0772552	-0.051422119	0.154724121
## 742	0.5471814	0.7571951	0.9538269	-0.174758911	0.228713989
## 743	0.4127516	0.6526974	0.9440613	-0.175247192	0.237991333
## 744	0.4559131	0.6266841	0.9557800	-0.165969849	0.257034302
## 760	7.9632303	5.2199890	1.2090607	0.663406372	0.646423340
## 761	8.1933777	5.1791514	1.0801544	0.523269653	1.069763184
## 762	4.4429272	3.4295299	1.2281036	0.885086060	1.198669434
## 778	6.9010553	4.6456067	1.2537842	1.363494873	0.285430908
## 779	18.9530586	7.3630887	1.9012451	0.975799561	0.816680908
## 780	5.7716868	3.6619811	1.2230225	1.524139404	0.864532471
## 796	3.7983356	3.8177759	0.5583801	0.886657715	0.787292480
## 797	2.3998201	2.1448091	1.0036926	0.847595215	0.768249512

## 798	4.0502521	2.8809665	1.6072083	1.297790527	0.820495605
## 814	3.8326723	2.3873910	1.0185394	0.437423706	-0.136550903
## 815	3.5057716	2.6782016	1.1025238	0.458419800	-0.127273560
## 816	7.2013124	5.0032738	1.9808807	1.310470581	0.503585815
## 832	1.9893139	2.3356331	0.7732544	0.665313721	0.609985352
## 833	3.1819284	3.1755470	0.8069458	0.716094971	0.827270508
## 834	5.5680571	4.0894766	1.9797211	1.113540649	0.659790039
## 850	4.9084800	2.6119562	0.9131317	0.852798462	0.272491455
## 851	2.8995045	2.2150983	1.0068817	0.915298462	0.282257080
## 852	3.4139880	2.3984024	1.7329559	2.003616333	0.490753174
##	max_Vx_Hand1	max_Vy_Hand1	max_Vz_Hand1	max_Jx_Hand1	max_Jy_Hand1
## 4	0.0015234375	0.0006796875	0.0015834961	5.7896205	3.756010
## 5	0.0020751953	0.0011787109	0.0006123047	3.2009549	1.819957
## 6	0.0052734375	0.0020966797	0.0050717773	11.7797852	7.742746
## 22	0.0026367188	0.0038593750	0.0024199219	7.5017756	5.957031
## 23	0.0101445312	0.0022773437	0.0040566406	19.3810096	13.183594
## 24	0.0037958984	0.0022968750	0.0025825195	12.3291016	20.100911
## 40	0.0004658203	0.0009560547	0.0007080078	1.5345982	3.173828
## 41	0.0011469727	0.0007895508	0.0008261719	5.6374290	1.790365
## 42	0.0014414062	0.0046044922	0.0012617188	4.4270833	8.704144
## 58	0.0019775391	0.0003437500	0.0016093750	3.2182173	1.367188
## 59	0.0008535156	0.0005625000	0.0006835937	1.6134511	1.220703
## 60	0.0021098633	0.0017407227	0.0019042969	3.2348633	1.953125
## 76	0.0016845703	0.0006503906	0.0011958008	3.4179688	1.148897
## 77	0.0014252930	0.0005839844	0.0008305664	5.7842548	3.455529
## 78	0.0029062500	0.0035117188	0.0024121094	16.9067383	7.385254
## 94	0.0012656250	0.0007514648	0.0005288086	4.4270833	1.892090
## 95	0.0010898438	0.0009228516	0.0006591797	6.7027699	1.534598
## 96	0.0020283203	0.0012216797	0.0020937500	6.9580078	3.770616
## 112	0.0014111328	0.0009462891	0.0012890625	5.7373047	3.613281
## 113	0.0030214844	0.0022661133	0.0022998047	5.4796007	5.138579
## 114	0.0051547852	0.0031542969	0.0033789062	10.8642578	9.114583
## 130	0.0027685547	0.0030097656	0.0017724609	6.5917969	13.183594
## 131	0.0012919922	0.0020815430	0.0012534180	3.6190257	5.112592
## 132	0.0051240234	0.0050683594	0.0037221680	9.4168527	15.075684
## 148	0.0030468750	0.0025312500	0.0053906250	8.6495536	6.835938
## 149	0.0033437500	0.0039843750	0.0031904297	9.2285156	6.998698
## 150	0.0064838867	0.0035771484	0.0082978516	11.7187500	12.428977
## 166	0.0047167969	0.0016259766	0.0031347656	7.6793324	6.835938
## 167	0.0026015625	0.0041552734	0.0019262695	11.6210938	8.522727
## 168	0.0060156250	0.0039594727	0.0048603516	13.3463542	11.816406
## 184	0.0014487305	0.0017500000	0.0025346680	3.2848011	4.448785
## 185	0.0014565430	0.0007978516	0.0014843750	4.0347451	2.441406
## 186	0.0039082031	0.0029003906	0.0022949219	7.0529514	8.897569
## 202	0.0029663086	0.0019116211	0.0019042969	6.0221354	5.629596
## 203	0.0029052734	0.0015820312	0.0017265625	14.8228237	4.882812
## 204	0.0040156250	0.0030151367	0.0041894531	11.9357639	14.322917
## 220	0.0023613281	0.0029003906	0.0028564453	6.6528320	6.176758
## 221	0.0016132812	0.0013330078	0.0010893555	3.0799279	4.455566
## 222	0.0040078125	0.0038183594	0.0028413086	30.4687500	10.253906
## 238	0.0034160156	0.0037475586	0.0033032227	14.1157670	11.807528
## 239	0.0033784180	0.0037792969	0.0022207031	6.5375434	10.205078
## 240	0.0083437500	0.0085781250	0.0056704102	14.2299107	28.857422
## 256	0.0016328125	0.0049365234	0.0018618164	30.5175781	20.345052

##	257	0.0035937500	0.0029541016	0.0017226562	6.7934783	5.196708
##	258	0.0057500000	0.0054218750	0.0086674805	10.6090199	13.392857
##	274	0.0015273438	0.0017343750	0.0011230469	6.1197917	4.394531
##	275	0.0042988281	0.0016113281	0.0017333984	6.7274306	11.827257
##	276	0.0032456055	0.0035859375	0.0041171875	17.8444602	14.347957
##	292	0.0011904297	0.0010107422	0.0007304687	2.8599330	2.136230
##	293	0.0011601562	0.0009208984	0.0007656250	3.5807292	4.255022
##	294	0.0040180664	0.0024902344	0.0030273438	11.4474826	12.162642
##	310	0.0013974609	0.0010791016	0.0011806641	3.0184659	3.295898
##	311	0.0007138672	0.0011601562	0.0009433594	2.6448568	2.777100
##	312	0.0036328125	0.0023906250	0.0028320312	10.3027344	6.713867
##	328	0.0023359375	0.0031743164	0.0056240234	7.5539982	6.456163
##	329	0.0043881836	0.0044721680	0.0043662109	8.4339489	9.321733
##	330	0.0075234375	0.0058125000	0.0050947266	16.8678977	12.255859
##	346	0.0038745117	0.0029926758	0.0041660156	11.9441106	11.002604
##	347	0.0026171875	0.0056875000	0.0030146484	9.7005208	18.408203
##	348	0.0065795898	0.0078247070	0.0073261719	14.7530692	14.914773
##	364	0.0015312500	0.0026000977	0.0029687500	5.7842548	6.998698
##	365	0.0014687500	0.0025883789	0.0031523437	5.7373047	7.170025
##	366	0.0033925781	0.0046406250	0.0032871094	10.8506944	15.283203
##	382	0.0063017578	0.0028862305	0.0033017578	20.7248264	9.657118
##	383	0.0029794922	0.0048706055	0.0033837891	13.7094351	4.394531
##	384	0.0061840820	0.0055029297	0.0056601562	21.3982077	10.402514
##	400	0.0042910156	0.0035229492	0.0035375977	6.3476562	7.092928
##	401	0.0045351563	0.0033842773	0.0035966797	9.9875710	5.395508
##	402	0.0045996094	0.0057275391	0.0067236328	13.4499290	13.916016
##	418	0.0024882813	0.0045898438	0.0038964844	12.4699519	8.638822
##	419	0.0032812500	0.0048808594	0.0045761719	9.9534255	6.460337
##	420	0.0096894531	0.0064248047	0.0072773437	20.0195313	14.615885
##	436	0.0034785156	0.0021875000	0.0038818359	6.1767578	11.160714
##	437	0.0024497070	0.0023310547	0.0024267578	20.4589844	5.126953
##	438	0.0044809570	0.0031069336	0.0045117188	8.4706182	10.796441
##	454	0.0029223633	0.0078515625	0.0045712891	8.4156710	13.696289
##	455	0.0039960938	0.0023696289	0.0029648438	8.2563920	5.072700
##	456	0.0058007812	0.0072109375	0.0048437500	11.9850852	24.121094
##	472	0.0008212891	0.0005175781	0.0010942383	1.8028846	1.407399
##	473	0.0006640625	0.0003486328	0.0005947266	2.2977941	1.206342
##	474	0.0015615234	0.0020703125	0.0017294922	3.0273438	3.759766
##	490	0.0026611328	0.0010097656	0.0013798828	4.2578125	2.636719
##	491	0.0004531250	0.0007226562	0.0007490234	3.5511364	1.806641
##	492	0.0027504883	0.0030761719	0.0014648438	6.9173177	6.225586
##	508	0.0013320312	0.0008051758	0.0011484375	2.2403493	2.786075
##	509	0.0005312500	0.0006938477	0.0008437500	1.4648438	1.546224
##	510	0.0015937500	0.0018662109	0.0021665039	3.9550781	3.568209
##	526	0.0017656250	0.0025937500	0.0018676758	3.5400391	3.069196
##	527	0.0014853516	0.0010781250	0.0015991211	2.9947917	1.983643
##	528	0.0022031250	0.0039946289	0.0065673828	8.2659040	15.584310
##	544	0.0012988281	0.0019389648	0.0026796875	4.0394176	6.436435
##	545	0.0062866211	0.0024243164	0.0037031250	17.0898438	10.774740
##	546	0.0056738281	0.0050048828	0.0059677734	12.6953125	11.444092
##	562	0.0018593750	0.0020263672	0.0018369141	5.2795410	3.613281
##	563	0.0008613281	0.0012949219	0.0011337891	1.9531250	2.185640
##	564	0.0135625000	0.0107929687	0.0053012695	24.8509457	18.737793
##	580	0.0062133789	0.0018281250	0.0012832031	12.2070312	5.533854

##	581	0.0092138672	0.0044262695	0.0051416016	13.3167614	6.347656
##	582	0.0101943359	0.0088730469	0.0129301758	29.8828125	18.332741
##	598	0.0010942383	0.0004804687	0.0007470703	1.6150841	1.464844
##	599	0.0031069336	0.0014648438	0.0027246094	7.0452009	3.662109
##	600	0.0064345703	0.0050585937	0.0043579102	40.2832031	10.799632
##	616	0.0025278320	0.0020170898	0.0022343750	8.0915179	3.348214
##	617	0.0020595703	0.0017021484	0.0013427734	8.1380208	4.272461
##	618	0.0034765625	0.0024433594	0.0034326172	8.6914062	4.920373
##	634	0.0055517578	0.0019921875	0.0059326172	6.1686198	6.195068
##	635	0.0025205078	0.0013925781	0.0038295898	11.9628906	5.894252
##	636	0.0100761719	0.0098300781	0.0078750000	18.6982996	22.661994
##	652	0.0006562500	0.0004995117	0.0006738281	1.2369792	1.007080
##	653	0.0010664063	0.0002597656	0.0007148437	1.3602121	1.464844
##	654	0.0034589844	0.0021875000	0.0026250000	5.4285386	7.361779
##	670	0.0015859375	0.0016347656	0.0009370117	3.9950284	3.564453
##	671	0.0011523437	0.0011601562	0.0007861328	2.8948103	1.591435
##	672	0.0034423828	0.0109511719	0.0030322266	7.7636719	13.968331
##	688	0.0017431641	0.0015234375	0.0006806641	2.5301847	5.929129
##	689	0.0008789063	0.0019804688	0.0013281250	1.9042969	3.196023
##	690	0.0020947266	0.0047988281	0.0038901367	6.3100962	7.512019
##	706	0.0004316406	0.0003046875	0.0006372070	0.8680556	1.017253
##	707	0.0003173828	0.0005146484	0.0004218750	0.9068080	1.420455
##	708	0.0006562500	0.0005800781	0.0012851562	1.6526442	2.854567
##	724	0.0013398438	0.0005947266	0.0011875000	1.9226074	1.802885
##	725	0.0019003906	0.0022236328	0.0011171875	3.9876302	4.203465
##	726	0.0041308594	0.0024707031	0.0026230469	10.3271484	6.176758
##	742	0.0013183594	0.0004394531	0.0013330078	3.2958984	1.314603
##	743	0.0006015625	0.0003222656	0.0006416016	2.1623884	1.569475
##	744	0.0014526367	0.0010131836	0.0010288086	4.7200521	1.727764
##	760	0.0051445312	0.0061054687	0.0034570313	10.1143973	22.498498
##	761	0.0089399414	0.0032124023	0.0040590820	14.3345424	6.522042
##	762	0.0089277344	0.0087670898	0.0091416016	21.3012695	21.118164
##	778	0.0064770508	0.0086015625	0.0066796875	17.4153646	33.599854
##	779	0.0146733398	0.0220996094	0.0368896484	36.4583333	55.249023
##	780	0.0090136719	0.0136728516	0.0111328125	28.0761719	26.547081
##	796	0.0034277344	0.0019755859	0.0019873047	9.7005208	3.282335
##	797	0.0044843750	0.0036093750	0.0034301758	6.5612793	9.874132
##	798	0.0150000000	0.0116601562	0.0071044922	58.5937500	21.538628
##	814	0.0030898438	0.0022807617	0.0031367187	6.5730168	10.667067
##	815	0.0030395508	0.0041455078	0.0036914062	13.5091146	18.424479
##	816	0.0262250977	0.0198105469	0.0062343750	45.5296834	61.143663
##	832	0.0018266602	0.0005615234	0.0010097656	3.1738281	1.040251
##	833	0.0017031250	0.0010253906	0.0023378906	4.1666667	6.640625
##	834	0.0267370605	0.0118671875	0.0159521484	66.8426514	37.109375
##	850	0.0019443359	0.0021582031	0.0044687500	5.2083333	5.395508
##	851	0.0035205078	0.0057421875	0.0040039062	8.8433160	23.535156
##	852	0.0130161133	0.0430510254	0.0045273438	37.5366211	54.912022
##		max_Jz_Hand1	mean_Ax_Hand1	mean_Ay_Hand1	mean_Az_Hand1	mean_Vx_Hand1
##	4	5.2083333	0.9399982	0.07881104	0.345779419	-5.450195e-05
##	5	1.8643466	0.9563458	0.07092041	0.300213013	4.262695e-05
##	6	4.2968750	0.9309394	0.04571608	0.377157696	1.475377e-06
##	22	5.7262074	0.9299786	0.12452393	0.351472778	-9.556641e-05
##	23	7.2354403	0.9150861	0.19324463	0.330476685	-7.444336e-05
##	24	8.1380208	0.9303807	0.14118144	0.345510527	8.389287e-06

## 40	2.6041667	0.8750524	-0.03054271	0.498453477	-2.214499e-05
## 41	2.5499132	0.8736862	-0.02253443	0.497968713	7.334184e-06
## 42	4.3945313	0.8820807	-0.02083694	0.485135815	2.538753e-06
## 58	3.3365885	0.8909263	0.08378212	0.458462285	-3.207338e-06
## 59	1.9042969	0.8865821	0.08390516	0.464686292	1.883519e-05
## 60	3.3365885	0.8971338	0.08521459	0.444994047	-2.971699e-06
## 76	3.5400391	0.9230405	-0.01721661	0.391518226	4.767315e-05
## 77	5.3304036	0.9190963	-0.02226538	0.408344191	3.075175e-05
## 78	3.9062500	0.9186348	-0.03045010	0.404821163	-1.573055e-05
## 94	3.4790039	0.8880056	0.03154231	0.355543249	-5.667892e-06
## 95	2.4762835	0.8912176	0.03082992	0.345978095	2.268017e-05
## 96	3.1516335	0.8956052	0.02995901	0.336171077	-2.118389e-07
## 112	5.0354004	0.5770299	0.71858920	0.316001305	-4.259315e-05
## 113	8.5042318	0.5586647	0.73280035	0.328103757	-1.786535e-05
## 114	6.4808239	0.5878686	0.71457890	0.308823571	-1.299955e-05
## 130	8.7890625	0.6441235	0.72080395	0.141589894	1.870787e-05
## 131	4.3370864	0.6384027	0.72767761	0.134244995	-4.552734e-05
## 132	9.1552734	0.6447174	0.72225936	0.136283058	7.296209e-06
## 148	9.0680804	0.5135297	0.78799988	0.267467651	4.286133e-05
## 149	9.5214844	0.5177289	0.78262878	0.262086792	9.804687e-06
## 150	10.8886719	0.5316064	0.77921042	0.258030567	1.685812e-05
## 166	9.9283854	0.5156683	0.79129089	0.259069214	-2.104492e-05
## 167	8.5611979	0.5089731	0.78970866	0.271540116	-1.208247e-04
## 168	21.0774740	0.5104254	0.79367513	0.256300427	1.564450e-05
## 184	3.0138739	0.4829633	0.77925964	0.342389526	6.548828e-05
## 185	7.4744591	0.4689645	0.78647299	0.342579860	-3.293505e-06
## 186	7.0529514	0.4696475	0.78283536	0.348807044	1.323993e-05
## 202	4.3334961	0.4907871	0.77704325	0.328160811	2.101602e-05
## 203	9.2773438	0.4835555	0.78083382	0.331014297	-5.662148e-05
## 204	11.9406960	0.4779873	0.78085681	0.339534004	1.188901e-05
## 220	10.8032227	0.9564587	0.13886047	-0.019617310	7.949219e-06
## 221	5.2083333	0.9591756	0.14304554	-0.054609338	-4.563935e-05
## 222	9.1145833	0.9311690	0.22472236	0.075531661	-1.433390e-06
## 238	12.9394531	0.8884379	0.26886794	0.129658119	-6.961359e-05
## 239	15.4215495	0.9267069	0.24367778	0.138636271	1.125081e-04
## 240	12.8580729	0.8434968	0.43274975	0.079169958	5.478022e-06
## 256	6.2988281	0.9577008	0.07712757	0.110977796	-1.925423e-04
## 257	3.7434896	0.9505837	0.13761603	0.111582139	2.531403e-05
## 258	13.6718750	0.9337410	0.11760706	0.170226651	2.517395e-06
## 274	4.1232639	0.7610272	0.48241756	0.351453961	2.118035e-05
## 275	4.5720881	0.7356324	0.49944103	0.377459779	1.109096e-05
## 276	10.5590820	0.7625775	0.48009783	0.329927328	-3.319166e-05
## 292	1.8136161	0.6640759	0.53315735	0.460109253	1.779297e-05
## 293	3.5923549	0.6402771	0.53892883	0.479337769	9.560547e-06
## 294	7.2798295	0.6430350	0.53660119	0.474852226	-1.410090e-06
## 310	3.2301683	0.6513205	0.52786456	0.479254669	1.028154e-05
## 311	2.1254596	0.5393932	0.58125305	0.545448459	-8.456234e-05
## 312	6.3476563	0.6468752	0.51931109	0.485466906	1.308459e-05
## 328	9.9400112	0.8343539	0.06163887	0.292777020	-2.079441e-05
## 329	12.1582031	0.7926483	0.07590518	0.363864401	4.215141e-05
## 330	12.8728693	0.7994632	0.04185213	0.355427420	-2.578836e-06
## 346	8.9285714	0.7617206	0.26671021	0.378643188	-6.666992e-05
## 347	10.1888021	0.6581854	0.31734497	0.484141235	-2.040527e-04
## 348	20.7741477	0.6880129	0.26968442	0.479135413	2.023068e-05

## 364	6.1732701	0.8294593	0.30365465	0.207152303	-2.523872e-05
## 365	5.4728190	0.8243256	0.30575562	0.218490601	-1.060994e-05
## 366	7.5073242	0.8201094	0.32264077	0.217987562	-3.858874e-07
## 382	9.0603299	0.8792333	0.29023942	-0.254363350	-1.673956e-05
## 383	16.8457031	0.8822585	0.31091707	-0.258428822	1.266347e-05
## 384	17.2025240	0.8976091	0.15836637	-0.289736426	-3.009486e-05
## 400	8.0217634	0.8299367	0.26823798	0.239791192	6.724175e-05
## 401	6.0813210	0.8434614	0.27600496	0.187541796	-1.166355e-04
## 402	13.6343149	0.8260916	0.26908149	0.235444866	-1.248399e-05
## 418	10.4064941	0.9084930	0.21019804	-0.217269897	1.939416e-04
## 419	9.4549006	0.9052378	0.17911784	-0.235733032	-7.232666e-06
## 420	21.5820312	0.9101693	0.15616730	-0.170020215	1.195211e-05
## 436	6.2109375	0.9244893	-0.16090393	0.358642578	8.321126e-06
## 437	12.3814174	0.9133097	-0.08289083	0.380910238	4.740397e-05
## 438	10.2306548	0.8745364	-0.07049369	0.461381242	-8.371423e-06
## 454	8.8623047	0.8837077	-0.03742981	0.361033122	6.695557e-05
## 455	7.7473958	0.9048581	-0.09497004	0.404931110	-2.571968e-05
## 456	13.6144301	0.8392850	0.03925519	0.482851779	8.002251e-06
## 472	2.3662861	0.7847197	-0.14517809	0.569726032	-2.818232e-05
## 473	2.6855469	0.7750468	-0.14598694	0.586302355	-1.476780e-05
## 474	4.7851562	0.7547061	-0.14851697	0.606142804	4.878709e-06
## 490	4.2588976	0.7505138	-0.46872291	0.430396255	1.393096e-05
## 491	1.6547309	0.7475008	-0.50760180	0.397781697	-3.603931e-05
## 492	3.3094618	0.7815899	-0.49538712	0.341690193	-4.981956e-07
## 508	3.0184659	0.7805481	-0.39955637	0.446509536	-1.786711e-05
## 509	1.6424006	0.7839557	-0.40629902	0.439431048	-1.118891e-05
## 510	7.6497396	0.7881703	-0.32044901	0.477437609	-1.299089e-06
## 526	8.3007812	0.7501227	-0.05129293	0.626135254	3.761936e-05
## 527	3.1174880	0.7672371	-0.05464438	0.598481551	-3.221595e-05
## 528	11.0560826	0.7551267	-0.07455364	0.611382506	-5.826102e-06
## 544	8.5261418	0.6631519	0.02558167	0.601838379	-4.359375e-05
## 545	10.9197443	0.7648575	0.05272886	0.417105167	2.127140e-04
## 546	14.0099159	0.6833890	0.45633695	0.260825269	-2.576133e-05
## 562	5.7091346	0.8113926	0.14396854	0.362485302	-4.895767e-05
## 563	1.5552662	0.8211113	0.10430576	0.356007452	6.411345e-06
## 564	22.5360577	0.7488480	0.08700990	0.450772024	3.867252e-05
## 580	4.1198730	0.7865926	-0.09919264	0.371675618	1.046549e-04
## 581	8.8778409	0.7196882	-0.08701236	0.509849371	1.397279e-04
## 582	20.8333333	0.6756199	-0.15833669	0.508894411	2.039912e-05
## 598	1.7089844	0.8992106	-0.13048808	0.092763265	1.669312e-05
## 599	7.3242188	0.9041661	-0.03827994	0.125140755	7.330198e-05
## 600	18.2495117	0.8244415	0.28734378	0.249309005	1.283987e-05
## 616	4.6386719	0.5848782	0.53074443	0.467226834	-4.150391e-05
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## 618	8.7603401	0.5989426	0.50016344	0.478456817	-1.315039e-06
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## 635	4.3431332	0.5783629	0.69723106	0.270638602	4.910714e-05
## 636	20.0544085	0.6854221	0.49764891	0.328578274	2.861651e-05
## 652	1.6867898	0.8781209	-0.19461969	0.059790753	-1.439910e-05
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## 654	4.2818510	0.8842523	-0.17329224	-0.008182983	9.229329e-06
## 670	2.5956003	0.7921108	0.10822405	0.518794157	-1.443917e-05
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## 672	9.3180339	0.8687587	0.05423120	0.372085571	1.748452e-05

## 688	5.9407552	0.8566341	-0.01413622	0.419740864	1.864085e-05
## 689	3.3203125	0.8514318	-0.02808679	0.431974328	-1.172936e-05
## 690	14.3103966	0.8729304	0.08338070	0.372396438	3.826963e-06
## 706	0.8616728	0.9426643	-0.03185775	0.207186760	8.934508e-07
## 707	1.3732910	0.9425493	-0.03365956	0.207821390	-1.931895e-06
## 708	4.1852679	0.9414794	-0.03553443	0.208475450	-1.442504e-06
## 724	1.6886393	0.9548665	-0.20836208	0.023302161	1.099694e-05
## 725	2.9025608	0.9538644	-0.19964877	0.034640225	1.063121e-05
## 726	5.1967076	0.9549341	-0.19613401	0.040317221	2.327027e-06
## 742	1.5869141	0.9229257	-0.18815177	0.198859079	8.709343e-06
## 743	2.5390625	0.9220471	-0.18617638	0.202949362	-1.918841e-05
## 744	2.7126736	0.9195611	-0.18534343	0.212649777	-1.635380e-06
## 760	10.5468750	0.8311789	0.43847148	0.372191186	4.683670e-05
## 761	14.0452665	0.6737251	0.27888987	0.613927724	-7.802535e-06
## 762	17.2809103	0.7250871	0.37825251	0.561906874	-3.717390e-05
## 778	26.0925293	0.9242432	0.36646362	0.068135986	-6.486328e-05
## 779	115.8854167	0.9769391	0.31768994	0.005760031	-5.775432e-04
## 780	30.8388158	0.6723393	0.62007568	0.355192326	2.304028e-05
## 796	8.6263021	0.3603146	0.71623717	0.600384651	1.873753e-04
## 797	5.4882812	0.5881110	0.51196153	0.606433105	1.354167e-05
## 798	10.9991776	0.6779513	0.59294428	0.385698167	1.743805e-05
## 814	11.4746094	0.8841894	0.31997648	-0.385397728	8.217670e-06
## 815	6.9986979	0.8988291	0.31599426	-0.296330770	-6.809489e-05
## 816	32.0231120	0.9641733	0.18562931	-0.084648057	-2.648755e-05
## 832	2.8686523	0.6225179	0.60905965	0.491119385	4.260254e-05
## 833	5.2408854	0.5348560	0.62964966	0.535014648	-2.837891e-05
## 834	23.7060547	0.6725161	0.64782310	0.257659069	-2.643840e-05
## 850	6.6105769	0.7150619	0.76538654	0.135964188	-3.298292e-05
## 851	13.0750868	0.8397233	0.63696776	0.132728739	1.854326e-04
## 852	12.5411184	0.8651892	0.55197405	0.214322615	-1.564856e-05
##	mean_Vy_Hand1	mean_Vz_Hand1	mean_Jx_Hand1	mean_Jy_Hand1	mean_Jz_Hand1
## 4	-9.718750e-05	-1.494141e-05	0.1113094072	0.1749661698	-0.0113412252
## 5	9.736328e-06	-3.375000e-05	-0.0368412474	-0.0362193033	0.0754398233
## 6	7.309924e-06	5.678809e-06	-0.0223348892	-0.0286340088	-0.0012066881
## 22	7.775391e-05	1.113281e-06	0.4998087227	-0.0769000212	-0.2198669720
## 23	-4.837891e-05	-3.787109e-05	0.1515147666	0.3875638916	-0.3437670712
## 24	-6.754932e-06	-4.665299e-06	-0.0219083015	-0.0012063256	0.0409417892
## 40	-5.050360e-05	5.351945e-06	0.0449629238	0.0192109918	0.0176859838
## 41	2.553013e-05	-6.158323e-06	-0.0467324715	-0.0311527780	-0.0731565132
## 42	2.526392e-07	2.454540e-06	-0.0070268868	-0.0005209436	-0.0016118051
## 58	-1.879404e-05	-4.662607e-06	-0.0341601099	0.0454377747	0.0549356363
## 59	3.324468e-07	-3.875083e-06	-0.0578715134	0.0212518111	0.0699725470
## 60	8.452180e-06	-8.676504e-06	-0.0079226038	-0.0142351109	0.0154747798
## 76	1.666729e-05	-7.136418e-07	-0.1987618893	-0.0540216628	0.1525399485
## 77	-1.856465e-05	-4.501156e-05	0.1226561811	0.0408391704	-0.0532358919
## 78	-7.928527e-06	8.203286e-06	0.0217333007	-0.0101854196	-0.0162528941
## 94	2.198223e-05	-3.096278e-05	0.0087054640	-0.0203925069	0.0301300117
## 95	4.083459e-18	-2.345743e-05	0.0159998444	-0.0053915127	-0.0056835347
## 96	3.771034e-07	2.300931e-06	0.0024337828	0.0011011570	-0.0014554652
## 112	1.621657e-05	-5.523212e-05	-0.1209667637	-0.0665267179	0.0510220889
## 113	-4.509421e-05	1.207299e-05	0.2678898814	0.0189429786	0.2060548207
## 114	-1.428260e-05	4.193209e-06	0.0593791048	0.0252935102	-0.0412993179
## 130	1.181449e-05	-7.343367e-06	-0.1984713571	-0.3396191033	-0.0490703265
## 131	-7.207031e-06	-1.353516e-05	-0.0401382366	0.0741679451	-0.0956508944

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## 132 3.464147e-05 2.364568e-05 -0.0214768264 -0.0889997597 -0.0753740499
## 148 8.724609e-05 2.514648e-05 0.0378287930 -0.0829689672 -0.1582593694
## 149 -1.628906e-05 7.541992e-05 -0.2141130904 -0.1872340681 -0.1030850874
## 150 3.306469e-05 1.990216e-05 -0.0191159594 -0.1036502680 -0.0385476647
## 166 -8.715820e-05 3.084961e-05 0.3182539632 0.0736696462 0.0470968812
## 167 4.793128e-06 2.640705e-06 0.2326135934 0.2094965280 -0.1719552113
## 168 4.629296e-06 1.651831e-05 -0.0184641091 -0.0139993827 0.0026353883
## 184 6.492188e-05 8.261719e-06 -0.1615515684 -0.0976239018 0.0361899259
## 185 -5.630553e-05 -9.564568e-06 0.0230139303 0.1470505717 0.0790468011
## 186 -1.441556e-06 -1.026818e-05 -0.0468603589 0.0170179726 0.0309228712
## 202 1.859455e-05 -3.346221e-05 -0.2650621381 0.0291763293 -0.0624582436
## 203 8.233762e-06 1.437079e-05 0.0426850889 -0.0897947403 0.1390919121
## 204 -1.200527e-05 2.669421e-06 -0.0196257917 0.0179352212 -0.0180564425
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## 221 -3.985969e-07 1.792690e-05 0.0580001343 0.0968209259 0.1988937193
## 222 -5.579287e-06 6.195630e-06 0.0169248509 0.0334819197 0.0087429315
## 238 1.055741e-04 -1.104377e-04 -0.3967120549 -0.3098633697 0.1098615166
## 239 1.656392e-04 -1.656087e-04 0.0055238222 0.1090855560 0.8053282920
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## 274 9.203641e-06 -9.618219e-05 0.0252590126 -0.1339764199 0.1154448650
## 275 -5.350167e-05 7.714844e-05 -0.2970463218 0.2987796525 0.1155457908
## 276 -6.036654e-08 -6.575368e-06 0.1132337967 -0.0235280879 0.0133018800
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## 347 -3.795898e-05 3.685547e-05 0.0716682148 0.2601933125 -0.0454681378
## 348 -3.100935e-05 1.331323e-05 -0.0479349387 0.0413045838 -0.0075487580
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## 365 -8.170573e-05 2.237956e-05 0.0186694709 -0.0447815724 0.0724943668
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## 455 6.231955e-05 -3.282099e-05 -0.0216339218 0.2081338194 0.0932772890

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## 456 -1.148647e-05 -1.000363e-05 -0.0447567873 0.0296261529 0.0405440163
## 472 9.521484e-06 9.234885e-07 0.0104093027 0.0370061900 0.0204764388
## 473 -1.378038e-05 -1.104601e-05 -0.0461444184 -0.0169728906 0.0654759904
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## 510 7.473643e-06 -5.822631e-06 0.0085737949 0.0088308312 0.0330413281
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## 564 -4.847360e-06 3.816812e-06 -0.1030213199 0.0315738213 0.0017036092
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## 582 -2.309052e-05 1.527049e-05 -0.0308206095 -0.0026701362 0.0063689262
## 598 -9.256999e-06 -3.822835e-05 -0.0654169947 0.0344166797 0.0224907982
## 599 1.214724e-04 -4.025829e-06 -0.0882637458 0.1903113523 0.1494778436
## 600 -1.618633e-06 -3.763226e-06 -0.0242541755 0.0465109089 0.0287205476
## 616 -3.139106e-05 8.643663e-05 -0.0324132445 -0.0415360857 0.1802414204
## 617 2.051891e-05 -4.779608e-05 0.2343133111 0.0934757265 -0.0801709028
## 618 8.680556e-06 -1.198678e-05 0.0012419084 -0.0303475568 0.0352239711
## 634 5.408732e-05 1.476034e-05 -0.2882810169 -0.0417872001 0.0151224666
## 635 -5.248525e-05 3.750797e-05 0.2292098287 0.0179525060 -0.1057117039
## 636 5.509911e-06 9.502518e-06 -0.0590514618 -0.0869464337 0.0044318903
## 652 -2.150515e-06 2.856965e-06 0.0023552015 0.0001853431 -0.0083913079
## 653 -1.652726e-05 5.445397e-06 -0.0441616231 -0.0086230534 0.0023360984
## 654 -1.311849e-06 -3.079427e-06 -0.0124810075 0.0138083554 -0.0033013865
## 670 1.739876e-05 1.034359e-05 0.0368873191 0.0791701679 0.0186223717
## 671 5.979818e-05 -2.098524e-05 -0.0193568792 -0.1845326486 -0.0808825618
## 672 9.565944e-06 -3.505329e-06 -0.0493889797 -0.0405721306 0.0130719082
## 688 7.238051e-06 -2.003868e-05 0.0145629697 0.0604020216 0.1188410568
## 689 -4.263969e-05 4.869013e-05 -0.0407626771 -0.0380640965 0.0232084536
## 690 1.648538e-07 -1.280286e-05 0.0111336078 0.0302102515 -0.0005606225
## 706 -5.049036e-06 5.942487e-06 0.0336351533 0.0160184109 -0.0074262605
## 707 -2.940302e-06 1.527471e-05 0.0005746800 0.0205758308 -0.0409420517
## 708 -6.255904e-06 -1.060256e-05 0.0009537169 0.0159750937 0.0256132013
## 724 -1.071034e-05 1.886252e-05 0.0052677185 0.0464252126 0.0152333530
## 725 3.264826e-05 -2.008612e-05 -0.0206605731 -0.0562695480 -0.0070469628
## 726 -5.352162e-06 -2.160585e-06 -0.0286791758 0.0076945676 0.0205777222
## 742 -9.865274e-07 7.583307e-06 -0.0669690877 0.0235713761 0.0433881204
## 743 -7.906001e-06 -3.173828e-05 -0.0042772178 0.0399614651 0.0805018115
## 744 7.650008e-07 8.626570e-06 0.0071644123 -0.0034879785 -0.0226749700
## 760 2.738205e-06 -8.846507e-05 0.1111670129 0.6866760969 -0.8223625627
## 761 -1.843909e-04 2.147939e-04 -0.5260532408 -0.5528504358 0.7774130020
## 762 -8.601875e-06 1.341459e-05 0.0892212257 0.0750022679 -0.0674807388
## 778 8.110352e-05 -4.828125e-05 -0.2781897083 0.3227730828 -0.1507846491
## 779 4.289707e-04 -6.747839e-04 0.4782147064 -0.1283161909 1.4470384614

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## 780 -1.777202e-05 1.290884e-05 -0.0066151928 -0.0192071712 0.0345595577
## 796 -1.318048e-04 -1.010534e-04 0.4676530795 -0.3498268937 -0.0071060928
## 797 8.151042e-05 1.936849e-05 -0.2119084311 0.4581018517 -0.2355446778
## 798 1.312582e-05 -4.003590e-06 -0.0026458204 -0.0553557315 -0.0338758800
## 814 4.384142e-05 -7.628615e-05 0.1110053708 0.0150729673 -0.0327272949
## 815 -3.635661e-05 9.822591e-05 0.0389341098 -0.1017214836 0.1455069321
## 816 -3.962410e-05 9.685051e-07 0.0612847864 -0.0991049818 0.0703043163
## 832 6.205241e-06 -5.330404e-06 0.0440927087 0.0459756819 -0.0067809076
## 833 1.435547e-06 2.845703e-05 -0.0452698208 0.0360986723 -0.0964357217
## 834 -2.106810e-05 -3.878462e-06 0.0884451259 0.0692587323 -0.0300723460
## 850 -6.979550e-05 5.402688e-05 -0.0102500649 0.0421539302 0.0323180378
## 851 -2.369826e-04 -3.155128e-05 0.3004945029 -0.2404493016 0.1816572903
## 852 4.031164e-05 -5.957681e-06 0.0139554539 -0.0460932239 0.0210086744
##      std_Ax_Hand1 std_Ay_Hand1 std_Az_Hand1 std_Vx_Hand1 std_Vy_Hand1
## 4      0.032360239 0.014418195 0.032138608 0.0007005159 0.0005722913
## 5      0.021200862 0.012754157 0.029697989 0.0004864192 0.0002852448
## 6      0.024951573 0.021865992 0.034460797 0.0006328132 0.0003713470
## 22     0.052617935 0.034083604 0.040577481 0.0010800537 0.0009155310
## 23     0.096883862 0.134128458 0.086626921 0.0022317918 0.0013104493
## 24     0.033520546 0.033270899 0.045061216 0.0007719651 0.0004001106
## 40     0.014109322 0.015893298 0.018014787 0.0002807238 0.0005337108
## 41     0.019898472 0.011417878 0.024955080 0.0004535693 0.0003020918
## 42     0.017012839 0.012972943 0.015463842 0.0004145259 0.0003926423
## 58     0.021716379 0.007052215 0.015932664 0.0005558967 0.0002040511
## 59     0.012830707 0.005864624 0.012483490 0.0003383891 0.0002137907
## 60     0.012588341 0.006149594 0.013105946 0.0003567917 0.0002263210
## 76     0.025190457 0.006322680 0.021353577 0.0005456646 0.0001865201
## 77     0.031418908 0.009333532 0.023799995 0.0006775536 0.0003013699
## 78     0.019989887 0.010565971 0.017807889 0.0005632216 0.0004441838
## 94     0.028030009 0.011700361 0.017160127 0.0005315845 0.0002529915
## 95     0.025919474 0.011028285 0.015413474 0.0004856218 0.0002824239
## 96     0.015367181 0.007684440 0.013646511 0.0003515235 0.0001957389
## 112    0.039890310 0.029819857 0.034502839 0.0006260225 0.0005935764
## 113    0.037828495 0.035694429 0.041368923 0.0007597063 0.0009697786
## 114    0.052166677 0.030734506 0.039354111 0.0007845791 0.0007056814
## 130    0.038528951 0.054736308 0.037655780 0.0008513475 0.0013234847
## 131    0.026973293 0.039095795 0.025332563 0.0006221744 0.0008955483
## 132    0.039881251 0.048887309 0.035663507 0.0009119363 0.0012228977
## 148    0.037812815 0.038639974 0.045769607 0.0009650725 0.0009649432
## 149    0.053963508 0.045126151 0.055735660 0.0011401788 0.0011220682
## 150    0.047209375 0.043588149 0.043007582 0.0011201586 0.0010995187
## 166    0.073015743 0.036472086 0.052144086 0.0012520094 0.0010185791
## 167    0.062858422 0.042648916 0.050277707 0.0010053850 0.0010618416
## 168    0.060344086 0.036647377 0.049788874 0.0010288948 0.0008055522
## 184    0.030210047 0.025918846 0.028217322 0.0005118042 0.0006492653
## 185    0.024311965 0.020976286 0.025673635 0.0004511509 0.0005740438
## 186    0.035123527 0.024998033 0.030286734 0.0006267427 0.0006105813
## 202    0.086001364 0.043489475 0.049240052 0.0011817406 0.0008407308
## 203    0.089878179 0.041689957 0.051680524 0.0011242406 0.0006460408
## 204    0.067093904 0.040473142 0.048177269 0.0010452040 0.0008421857
## 220    0.052729739 0.052541782 0.035866989 0.0009735244 0.0010230241
## 221    0.041109248 0.040221759 0.024182387 0.0007730505 0.0005008032
## 222    0.067534962 0.095924165 0.107411230 0.0009105904 0.0008328608
## 238    0.103860884 0.083523193 0.100158471 0.0014140141 0.0012239360

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## 239	0.087483007	0.116636085	0.091252984	0.0012196825	0.0013572693
## 240	0.092192693	0.126142105	0.155491277	0.0011492849	0.0011220266
## 256	0.070668392	0.077470970	0.052772641	0.0011467200	0.0015270223
## 257	0.066854892	0.081042700	0.045485353	0.0011919918	0.0010585324
## 258	0.070965350	0.100379526	0.110436076	0.0011728594	0.0011004219
## 274	0.037549375	0.034109382	0.036247280	0.0005660223	0.0006213334
## 275	0.060397780	0.040304537	0.053923235	0.0009471709	0.0008867515
## 276	0.080602124	0.078470082	0.077874509	0.0010342086	0.0007951652
## 292	0.029261704	0.017379714	0.020356107	0.0003701152	0.0003967077
## 293	0.044519226	0.027598350	0.037170374	0.0004816025	0.0003852229
## 294	0.056484739	0.050234563	0.062789325	0.0007115131	0.0005787189
## 310	0.058899177	0.020443085	0.041954145	0.0004617375	0.0005996848
## 311	0.068378055	0.037261517	0.038363079	0.0004397394	0.0004149092
## 312	0.071214414	0.061113044	0.046859341	0.0006492153	0.0004853580
## 328	0.080920042	0.069736661	0.086957778	0.0013502191	0.0017859687
## 329	0.071078482	0.060727172	0.061738146	0.0015903746	0.0016398394
## 330	0.077955425	0.068639984	0.067307705	0.0014748889	0.0013369671
## 346	0.086658762	0.107226492	0.113760034	0.0014268097	0.0017053170
## 347	0.082337553	0.085282186	0.081461676	0.0017251102	0.0021665607
## 348	0.091030528	0.087171725	0.074923257	0.0018244215	0.0017382818
## 364	0.039210262	0.038805905	0.035450423	0.0007638737	0.0010180767
## 365	0.045709680	0.042884685	0.044999742	0.0008515256	0.0011536687
## 366	0.042074464	0.046424779	0.048046512	0.0007701538	0.0009618193
## 382	0.117451025	0.091801101	0.111849056	0.0020046354	0.0013603760
## 383	0.080715678	0.080427488	0.094976189	0.0011993007	0.0013298379
## 384	0.099186954	0.098571078	0.111483928	0.0016644171	0.0015663267
## 400	0.070452203	0.054196182	0.040675193	0.0014418137	0.0014914876
## 401	0.078994232	0.049269986	0.044661040	0.0018460536	0.0011979839
## 402	0.064251719	0.069223213	0.053416929	0.0013013193	0.0013194834
## 418	0.085315206	0.058061109	0.069162839	0.0013539388	0.0011438711
## 419	0.086493743	0.096207054	0.122184492	0.0012230176	0.0013805458
## 420	0.094652471	0.103554861	0.113770193	0.0017486514	0.0015878173
## 436	0.064488529	0.068534094	0.081212098	0.0013911676	0.0009241543
## 437	0.059633230	0.089733610	0.081137475	0.0012329015	0.0012070875
## 438	0.049097697	0.058511769	0.057320084	0.0008655452	0.0008522784
## 454	0.141128028	0.246665255	0.091391847	0.0014675169	0.0028533186
## 455	0.072879933	0.122991346	0.095453139	0.0011369271	0.0011275870
## 456	0.072982752	0.194366253	0.116315141	0.0011647518	0.0013255487
## 472	0.019620215	0.009609046	0.013928737	0.0003707827	0.0002392324
## 473	0.012815702	0.008958573	0.010237664	0.0002737180	0.0001955402
## 474	0.024528938	0.021437360	0.025453567	0.0003782782	0.0003475916
## 490	0.042321870	0.027667418	0.041143356	0.0009003849	0.0005031516
## 491	0.013591309	0.009833819	0.011904737	0.0002873815	0.0002872452
## 492	0.036396449	0.026037181	0.051473099	0.0006591082	0.0004848932
## 508	0.017208306	0.016049383	0.023041967	0.0005316761	0.0003774709
## 509	0.010141833	0.014206969	0.013401681	0.0003265673	0.0003156916
## 510	0.025547914	0.102916785	0.062131138	0.0004430305	0.0004077170
## 526	0.042876192	0.030650969	0.034977716	0.0008694433	0.0007384809
## 527	0.027227134	0.030756053	0.030218548	0.0006067169	0.0004203461
## 528	0.039698917	0.066010587	0.046314626	0.0006380380	0.0006476723
## 544	0.080240305	0.042287175	0.074262541	0.0007628647	0.0007444716
## 545	0.295543501	0.090829612	0.201471578	0.0026581668	0.0011793666
## 546	0.169259901	0.294707129	0.208955133	0.0014064626	0.0013860360
## 562	0.039563715	0.038622948	0.028974245	0.0009445999	0.0007936493

##	563	0.016893617	0.017936929	0.016089586	0.0003211560	0.0004072141
##	564	0.150421069	0.119764669	0.143817028	0.0018108269	0.0015365208
##	580	0.152617359	0.151038396	0.081072428	0.0021326552	0.0012404672
##	581	0.145789170	0.074548574	0.121303579	0.0024536983	0.0013274664
##	582	0.164715524	0.131965592	0.189835043	0.0019527963	0.0017015955
##	598	0.010388309	0.008995423	0.013044918	0.0003108315	0.0002443989
##	599	0.040471908	0.072709448	0.057318856	0.0008075639	0.0005923356
##	600	0.071346850	0.074671780	0.114259112	0.0011514644	0.0008230259
##	616	0.059692617	0.042711151	0.061234950	0.0012775593	0.0008498070
##	617	0.037087274	0.022034759	0.026479946	0.0009590075	0.0006547927
##	618	0.049973983	0.030758780	0.045800707	0.0008478783	0.0005733525
##	634	0.057406764	0.034039817	0.046750379	0.0016125190	0.0008108431
##	635	0.046220536	0.035237994	0.033419484	0.0009527511	0.0006644248
##	636	0.134133585	0.130388167	0.115212298	0.0019332660	0.0017037703
##	652	0.012404531	0.007453453	0.013404388	0.0003209119	0.0001767162
##	653	0.011444671	0.009269407	0.011619856	0.0002618071	0.0001410593
##	654	0.030135535	0.040307549	0.100242932	0.0006219724	0.0005106040
##	670	0.028155732	0.020855574	0.016918070	0.0005260795	0.0005469806
##	671	0.024269776	0.026939976	0.019002374	0.0005105443	0.0004640481
##	672	0.063135332	0.067605260	0.128191309	0.0007773652	0.0008301111
##	688	0.024600749	0.024965131	0.024151371	0.0005044505	0.0004755342
##	689	0.021840981	0.025713774	0.021286914	0.0004370456	0.0005784752
##	690	0.041805159	0.077905976	0.066145158	0.0006016281	0.0006589863
##	706	0.006154735	0.005279084	0.008058047	0.0001987794	0.0001314723
##	707	0.005687215	0.005713472	0.007977470	0.0001724653	0.0001782740
##	708	0.007532130	0.006497027	0.008559863	0.0002068402	0.0001756162
##	724	0.014062431	0.008406746	0.012750268	0.0004073818	0.0003034158
##	725	0.032808617	0.025684038	0.024539873	0.0006567958	0.0006006000
##	726	0.028738985	0.020146817	0.025811610	0.0006379667	0.0004685619
##	742	0.010289690	0.005872077	0.010039989	0.0003354124	0.0001805784
##	743	0.007600532	0.005680212	0.010360117	0.0002542261	0.0001822251
##	744	0.009307830	0.006606737	0.012155012	0.0002776335	0.0001983744
##	760	0.134298338	0.125544380	0.157480142	0.0021739084	0.0026723800
##	761	0.242457121	0.101273204	0.235797171	0.0023964554	0.0014547942
##	762	0.163143859	0.110815619	0.145407801	0.0019901449	0.0016332008
##	778	0.152069700	0.270574786	0.098931775	0.0020808199	0.0040676728
##	779	0.290154542	0.374918523	0.319222924	0.0063965623	0.0064053836
##	780	0.149226892	0.171721981	0.177692537	0.0017673525	0.0026748804
##	796	0.110542906	0.105593621	0.063340215	0.0013209535	0.0009565284
##	797	0.122226650	0.131764661	0.109290271	0.0018199514	0.0015222915
##	798	0.178956192	0.174276422	0.156203919	0.0016158330	0.0023048091
##	814	0.071283608	0.082234881	0.108967724	0.0014526161	0.0011768088
##	815	0.082135589	0.113592543	0.101477767	0.0012250341	0.0012373063
##	816	0.156318768	0.260778723	0.181235694	0.0024351303	0.0030768741
##	832	0.077766078	0.025024767	0.080284998	0.0005658787	0.0002754825
##	833	0.165296404	0.038423626	0.135774237	0.0008277134	0.0004989927
##	834	0.184565740	0.147239109	0.202358148	0.0023263711	0.0024030354
##	850	0.079299210	0.049628546	0.057769023	0.0008956323	0.0007940147
##	851	0.095659425	0.186331230	0.102504038	0.0014624205	0.0023373713
##	852	0.119515586	0.129215206	0.099354808	0.0015332745	0.0025116415
##		std_Vz_Hand1	std_Jx_Hand1	std_Jy_Hand1	std_Jz_Hand1	max_w_Hand0
##	4	0.0004355807	1.9094289	1.0657157	1.4247327	0.211565644
##	5	0.0003739849	1.3484075	0.8322934	0.8305235	0.202623621
##	6	0.0004267130	1.5577213	1.1310951	1.0573283	0.304235965

## 22	0.0007920506	3.3307939	2.5006604	2.2529499	0.111134484
## 23	0.0013592433	7.3137118	5.0350396	4.0461264	0.119890265
## 24	0.0005023036	2.2043772	1.3647902	1.4895751	0.116523549
## 40	0.0003420147	0.7263324	0.8018275	0.8036043	0.292373359
## 41	0.0003407646	1.3432291	0.8104380	1.2368532	0.295914978
## 42	0.0003239244	1.0316885	1.0272070	0.8274497	0.303710043
## 58	0.0003910060	1.3874030	0.5190180	1.0729901	0.108782746
## 59	0.0002914329	0.7873213	0.4053735	0.7439114	0.105922014
## 60	0.0003626003	0.9025789	0.5200715	0.8484431	0.123474590
## 76	0.0004353491	1.7548329	0.5573726	1.1813912	-0.385875791
## 77	0.0004651292	2.1687388	0.7933236	1.5210606	-0.386318117
## 78	0.0004084532	1.6277045	0.7675762	0.9879691	-0.370976329
## 94	0.0003360482	2.0789938	0.7589852	1.1022569	-0.025685158
## 95	0.0003259236	1.8212679	0.6740678	0.8826692	-0.021988867
## 96	0.0003233403	1.0623921	0.6060798	0.8518910	0.006107907
## 112	0.0007281580	2.3150559	2.0114352	2.0387273	-0.718416393
## 113	0.0009562567	2.0496667	2.2002824	2.2981782	-0.717753351
## 114	0.0007080029	2.2166760	1.9265161	2.1267921	-0.705088437
## 130	0.0009496525	2.7617690	4.4386756	3.0070947	-0.684107840
## 131	0.0005977109	1.6136720	2.5621858	2.0405257	-0.683630109
## 132	0.0008442310	2.5104258	3.4243288	2.4402308	-0.683743060
## 148	0.0013471190	2.7210235	2.4919881	3.1263978	-0.776148200
## 149	0.0010312353	2.8913118	3.1365768	3.2406967	-0.775089324
## 150	0.0010238609	3.0866543	3.1846335	2.7606389	-0.774665415
## 166	0.0011500075	3.5159210	2.7031936	3.4414036	-0.727104723
## 167	0.0010294234	3.8801357	2.7358284	3.3199016	-0.725661576
## 168	0.0009721162	2.8771685	2.5148357	2.9850138	-0.717379749
## 184	0.0006031347	1.5790137	2.0317230	1.5754097	-0.770965755
## 185	0.0005122259	1.2755692	1.2576943	1.8373488	-0.779024065
## 186	0.0006524853	1.7727975	1.7886899	1.8376498	-0.777498960
## 202	0.0009061401	3.1265072	1.9328367	2.2652091	-0.722711027
## 203	0.0008739512	3.6281823	2.1084590	2.8177282	-0.717873573
## 204	0.0009715469	3.0184308	2.4642318	2.8386011	-0.723481417
## 220	0.0007568342	3.0078734	3.4435328	2.4843811	0.657038271
## 221	0.0005201233	1.6127101	1.6451071	1.3274455	0.584391057
## 222	0.0006493152	3.0983269	2.5846638	1.9934935	0.601963222
## 238	0.0010889989	4.5871428	3.6559296	3.3879979	-0.606369138
## 239	0.0017042632	3.6671177	4.1352587	3.8995767	-0.609976113
## 240	0.0009830552	3.2322829	3.3706190	2.7746115	-0.358300477
## 256	0.0008986522	5.7398410	5.7757977	3.0460307	0.553599775
## 257	0.0007166290	3.2180234	2.7359803	1.7721449	0.537741423
## 258	0.0008716994	2.8278736	2.8857705	2.3033834	0.633224487
## 274	0.0008674607	1.9770818	2.0703653	1.5519387	-0.565308690
## 275	0.0004285592	2.3015467	2.4515075	1.8766029	-0.561700046
## 276	0.0008422512	2.9142497	2.3368701	2.1970931	-0.487614453
## 292	0.0004450271	1.1716946	1.1972477	0.8469748	0.651365101
## 293	0.0003931313	1.6818255	1.3158970	1.3035360	0.667300582
## 294	0.0005065002	2.0133920	1.7594132	1.4726506	0.650525391
## 310	0.0004136010	1.5830645	1.3114826	1.1403790	-0.600650311
## 311	0.0004053006	1.0433690	1.0400241	1.0782533	-0.614486933
## 312	0.0004892502	1.9513644	1.4037447	1.2733021	-0.548664570
## 328	0.0019480506	3.1847859	3.1882175	3.7669871	0.598414421
## 329	0.0019710172	3.0217661	3.6924667	4.2389481	0.599344552
## 330	0.0012150070	3.3513528	3.2811244	3.0105518	0.601577997

## 346	0.0016517544	4.6974829	4.6962874	5.5533972	0.734633148
## 347	0.0016574324	4.6817844	6.4668120	3.9961870	0.729349673
## 348	0.0015671040	4.7256303	4.2391139	3.9875223	0.737824678
## 364	0.0010547168	1.7800190	2.2256332	2.1417769	0.619739413
## 365	0.0010573555	2.0885537	2.9315457	2.2939051	0.625776827
## 366	0.0008608516	2.0115256	2.5826978	2.1561746	0.658404171
## 382	0.0017277740	4.8403227	3.4043191	3.9339732	0.634644687
## 383	0.0012556160	3.2559732	2.2311381	3.8552466	0.636011720
## 384	0.0016179690	4.0644908	3.6285796	3.9743123	0.647854149
## 400	0.0010538006	2.8059914	3.4025199	2.9770788	0.665412128
## 401	0.0012063694	4.0139104	2.7507267	2.8391280	0.667161345
## 402	0.0012719596	3.1316575	3.2915627	3.0683999	0.677480161
## 418	0.0012756165	4.2235086	3.0385703	3.6455367	0.615559816
## 419	0.0014366836	3.1509406	3.2585488	3.7270540	0.616080165
## 420	0.0018274293	4.3863677	4.1098039	5.0876616	0.648589194
## 436	0.0011176261	2.9649738	2.5307175	2.5445993	0.206932023
## 437	0.0010020420	3.9582642	3.1572393	3.3131161	0.190971091
## 438	0.0008408386	2.1797008	2.2268752	2.1371583	0.247914135
## 454	0.0016349110	3.6330621	5.8229064	3.8021983	0.103410244
## 455	0.0012233177	3.1185188	2.6590449	2.9622415	0.138348788
## 456	0.0011886987	2.7573506	3.2216060	2.5836876	0.199983388
## 472	0.0003760001	0.8344852	0.5795979	0.7795659	-0.012892075
## 473	0.0003113036	0.6463295	0.5401178	0.7459765	-0.023830930
## 474	0.0004515918	0.8847340	0.7993534	1.0012560	-0.015163294
## 490	0.0005997097	2.0618790	1.2832022	1.5327583	0.043181408
## 491	0.0003103028	0.8283694	0.6184919	0.5958718	0.009123828
## 492	0.0004303928	1.4018561	1.1225104	0.9881010	0.126088262
## 508	0.0005258915	0.9698824	0.9824978	1.3027596	-0.053788960
## 509	0.0003563554	0.7357257	0.8311166	0.7615164	-0.054886378
## 510	0.0004828796	0.9464963	0.9379790	1.1348674	0.106664211
## 526	0.0007887413	2.3495005	1.3462004	2.4528138	0.126645610
## 527	0.0005934714	1.2595476	0.9309941	1.1771819	0.110002764
## 528	0.0007473891	1.4545266	1.4928329	1.6301241	0.130455434
## 544	0.0010827492	2.0813708	2.2010086	2.8593345	0.573078156
## 545	0.0013071180	6.6011509	3.1866057	3.4016044	0.563201189
## 546	0.0013870126	3.2922910	3.2879334	3.2416560	0.606935799
## 562	0.0006694739	2.1151908	1.9614987	2.0133179	0.768651366
## 563	0.0003474536	0.7885216	0.8607487	0.7953499	0.777272463
## 564	0.0014838730	4.4612648	3.4219061	3.7970519	0.813411772
## 580	0.0007940112	5.1888129	2.4403516	1.9516483	0.685231388
## 581	0.0022472754	5.2004213	3.0884266	4.0851610	0.532799363
## 582	0.0016140971	4.6281574	3.6681254	3.6262128	0.746087432
## 598	0.0004519884	0.8280836	0.5393375	0.8928248	0.387688756
## 599	0.0009079589	2.1401595	1.5768276	2.3621928	0.381571144
## 600	0.0009966650	3.3406314	1.9133331	2.5697862	0.656331837
## 616	0.0008761906	2.4760040	1.5880398	1.8855911	0.544505060
## 617	0.0006549335	2.1624425	1.2301463	1.7274668	0.550851166
## 618	0.0008249107	1.9802160	1.3859137	1.9093585	0.570613444
## 634	0.0013452177	3.0641524	2.2929069	2.4072504	0.415000081
## 635	0.0009360257	2.6978571	1.7313059	2.2965718	0.437806576
## 636	0.0015983548	4.7764203	4.0589774	3.6815934	0.611530244
## 652	0.0003211857	0.6201184	0.3859479	0.8718412	0.134758666
## 653	0.0002819154	0.6653824	0.4300749	0.6017970	0.134269074
## 654	0.0004857949	1.3008941	1.1848533	1.0642378	0.154107004

## 670	0.0005228553	1.5592597	1.3164404	1.1273216	0.165073618
## 671	0.0003540299	1.3409973	1.2858458	0.7743210	0.157406837
## 672	0.0005636310	1.9848771	1.9036331	1.5052208	0.252151608
## 688	0.0004053098	1.2320379	1.5205095	1.4329872	-0.094245821
## 689	0.0005967748	1.0634798	1.2537036	1.3474072	-0.080323659
## 690	0.0006174476	1.5253100	1.5957085	1.5623882	0.099614605
## 706	0.0002020972	0.4103091	0.3223537	0.4272470	0.129139394
## 707	0.0002161802	0.4225457	0.4472073	0.6001605	0.130039245
## 708	0.0002566163	0.5099906	0.4472767	0.6180048	0.132621154
## 724	0.0003654151	0.8083369	0.6290937	0.7833529	0.079018332
## 725	0.0005214729	1.3966471	1.3449138	1.2726971	0.078592151
## 726	0.0004285114	1.5355471	1.0634976	0.9554781	0.112129495
## 742	0.0003505377	0.8905814	0.4913539	0.7037975	-0.088086240
## 743	0.0003145866	0.7135217	0.4958935	0.8381146	-0.085775733
## 744	0.0002900534	0.6499457	0.4685079	0.7030721	-0.083898395
## 760	0.0016578661	5.4840088	8.1061971	5.3601225	0.514040709
## 761	0.0014564196	5.6024334	3.7807920	3.9789250	0.543256402
## 762	0.0013455017	4.7970243	3.9292188	3.4551844	0.511232793
## 778	0.0014855117	5.4932521	11.2300401	5.1656995	0.284104347
## 779	0.0096285086	11.7808958	16.2800705	24.5858495	0.429808736
## 780	0.0016365568	4.7176370	6.2746266	4.3084678	0.531594574
## 796	0.0007741990	3.3393294	2.3661810	2.2863110	0.364111364
## 797	0.0012812644	4.4960101	3.4308697	2.8521447	0.294280201
## 798	0.0013956380	4.3436172	5.0483380	3.3381361	0.520200908
## 814	0.0014226574	3.1694974	2.9693129	3.5236351	0.305049181
## 815	0.0010593115	3.3616986	3.9075838	2.7218246	0.232277140
## 816	0.0017639857	5.4932113	7.4343466	4.2955828	0.407190651
## 832	0.0005056833	1.3507985	0.6349827	1.2161981	0.530023396
## 833	0.0008297133	2.1217286	1.8350308	2.1994720	0.457327753
## 834	0.0020385496	5.6481035	5.5615987	4.4886641	0.558752000
## 850	0.0009551254	2.2160040	2.0472622	1.8852313	0.388478100
## 851	0.0014874303	3.6930860	5.9715764	3.7578439	0.448688328
## 852	0.0010212094	3.9579903	6.2227595	2.3748903	0.404169261
##	max_x_Hand0	max_y_Hand0	max_z_Hand0	max_AVx_Hand0	max_AVy_Hand0
## 4	0.46528625	0.01351121	-0.8594015	0.093545665	0.26366001
## 5	0.46744797	0.01221436	-0.8607761	0.052285043	0.04098587
## 6	0.46945122	0.04144825	-0.8508843	0.835660292	0.52334928
## 22	0.41779831	-0.03008953	-0.9010628	0.456803538	1.78579337
## 23	0.42121997	-0.03524649	-0.8996132	0.542674970	0.82219784
## 24	0.45492423	-0.03157794	-0.8818752	0.561712643	1.05728056
## 40	-0.29834795	0.08674356	0.9067025	0.435582793	0.12172195
## 41	-0.29820296	0.07913540	0.9053025	0.141708358	0.10140570
## 42	-0.29661569	0.09032350	0.9058880	0.284279123	0.11615511
## 58	-0.30658901	0.05016690	0.9450235	0.128122241	0.24914943
## 59	-0.30933735	0.05027913	0.9442325	0.151106859	0.15699657
## 60	-0.30550680	0.05439872	0.9435989	0.827605553	1.04392579
## 76	0.24977282	-0.10875773	-0.8792172	0.133619961	0.09994863
## 77	0.24366517	-0.10703462	-0.8803461	0.111793057	0.07584335
## 78	0.25817031	-0.10129290	-0.8782344	1.389719487	1.02830008
## 94	-0.42341998	0.03798047	0.9048686	0.557485468	0.25017761
## 95	-0.45379180	0.02874878	0.8906624	0.245200687	0.93556534
## 96	-0.43414104	0.02299514	0.9007845	0.213258130	0.63228706
## 112	-0.12175804	-0.48267266	-0.4681295	0.368090291	0.54563213
## 113	-0.12195826	-0.48491639	-0.4583689	0.708914995	0.37892449

## 114	-0.11722452	-0.47008711	-0.4574836	0.744059801	0.65465123
## 130	-0.13286912	-0.59167892	-0.3807574	0.518455027	0.27419389
## 131	-0.13128522	-0.58932811	-0.3873130	0.249848265	0.24208515
## 132	-0.12974854	-0.58921838	-0.3625236	0.586172341	0.55267868
## 148	-0.28541353	-0.45006511	-0.3193700	0.188867975	0.13899612
## 149	-0.29258430	-0.44084060	-0.3011754	0.261540090	0.39101247
## 150	-0.29408389	-0.43877232	-0.2985597	0.250384054	0.36675184
## 166	-0.24011761	-0.49633959	-0.3725928	0.495340791	0.48563681
## 167	-0.24178766	-0.49498591	-0.3743079	0.743009958	0.46211943
## 168	-0.24177183	-0.48585585	-0.3619373	0.732956781	0.68360358
## 184	-0.27322662	-0.39592120	-0.3698772	0.485236365	0.39971453
## 185	-0.28378847	-0.40132219	-0.3584753	0.324410113	0.45704345
## 186	-0.27986202	-0.40153608	-0.3184325	0.480022731	0.88496680
## 202	-0.27889583	-0.45597085	-0.4045964	0.496995496	0.22487270
## 203	-0.27738565	-0.45924345	-0.3920420	0.410450581	0.49512489
## 204	-0.29195768	-0.44010484	-0.3574946	0.870938959	0.74212768
## 220	0.54249454	0.32057837	-0.5213962	1.554646237	0.98687488
## 221	0.53561705	0.34842488	-0.5416433	0.700744885	0.50306133
## 222	0.67440665	0.45300430	-0.5304595	3.633621029	1.87208893
## 238	-0.46514580	-0.28571436	0.5191481	1.543047487	1.52518228
## 239	-0.39573595	-0.26085082	0.5720288	0.576853208	0.64913521
## 240	-0.40306586	-0.13198110	0.6175892	2.075044157	4.84337443
## 256	0.54947329	0.33038920	-0.5737875	1.065380899	0.71350389
## 257	0.53611618	0.34329739	-0.5869438	0.684700189	0.92632666
## 258	0.57190633	0.39114055	-0.5558602	2.010044328	1.51577585
## 274	-0.52399325	-0.17588826	0.5991634	0.316009394	0.19398538
## 275	-0.50854594	-0.15885638	0.5996060	0.146480021	0.07286223
## 276	-0.43594667	-0.11621451	0.6383338	1.808116149	1.55687615
## 292	0.48111942	0.08698337	-0.5904600	0.488058725	0.23718405
## 293	0.50105655	0.10881570	-0.5663132	0.777101401	0.62845800
## 294	0.55285501	0.16283107	-0.5659534	1.300827289	1.04853551
## 310	-0.47006857	-0.07487297	0.6178779	0.685124806	0.24035589
## 311	-0.43658891	-0.06401359	0.6121285	0.275358011	0.35762540
## 312	-0.39624286	-0.03831097	0.6527803	1.740944223	0.67122884
## 328	-0.35885993	0.41293877	0.5875955	0.060390636	0.05425363
## 329	-0.35424876	0.41088000	0.5908824	0.068043661	0.04542672
## 330	-0.35214099	0.40895262	0.5958728	0.079545633	0.07441817
## 346	-0.13715780	0.48636249	0.5083811	0.458594442	1.30615502
## 347	-0.14978211	0.50337523	0.4740821	0.339489140	0.55889126
## 348	-0.10752943	0.56282175	0.4874011	1.083887209	0.93019077
## 364	-0.25868884	0.44447166	0.6113560	0.633340392	0.36437510
## 365	-0.27296385	0.44077921	0.5946119	0.421750678	0.47238934
## 366	-0.22925876	0.46186239	0.6092197	1.108024974	0.73111192
## 382	-0.23258236	0.56627774	0.5054225	0.798783173	0.28323397
## 383	-0.26054776	0.55314636	0.5084178	0.967830850	0.64378398
## 384	-0.20994958	0.60368252	0.5676182	2.259682922	0.92928862
## 400	-0.19075029	0.58608580	0.4516141	0.434741720	0.63510267
## 401	-0.19287401	0.58881330	0.4397843	0.869580956	0.70284085
## 402	-0.17710450	0.60835141	0.4880004	0.796745421	0.91348750
## 418	-0.39588785	0.51770198	0.5158712	0.369893070	0.72576337
## 419	-0.40277094	0.51085401	0.5028044	0.853848164	0.50294590
## 420	-0.37179637	0.51706266	0.5407657	1.374178867	0.98800680
## 436	0.57711124	0.16860859	-0.8008552	0.154665412	0.55106423
## 437	0.54228890	0.15525237	-0.8063173	0.280917366	0.25362222

## 438	0.55450314	0.16142429	-0.7912474	0.617925515	0.73689225
## 454	0.61720324	0.15548851	-0.7806928	2.890203342	0.53459688
## 455	0.60915679	0.13703217	-0.7907425	1.808695445	0.79194789
## 456	0.68424368	0.20536351	-0.7225990	2.705402686	0.89880837
## 472	0.52542162	0.10440593	-0.8446908	0.102100676	0.06076423
## 473	0.52218086	0.10221141	-0.8469523	0.073659756	0.08608742
## 474	0.53378481	0.14360866	-0.8377393	0.291424079	0.38020641
## 490	0.56417340	0.24170609	-0.7997399	0.558022015	0.43024059
## 491	0.53064311	0.24066512	-0.8129188	0.095231279	0.06864148
## 492	0.55613130	0.24879375	-0.8041502	0.667583663	1.13392398
## 508	0.52408236	0.16944116	-0.8341950	0.128349931	0.21370892
## 509	0.51612777	0.17011410	-0.8379502	0.113324378	0.21928973
## 510	0.51423991	0.17033315	-0.8397852	0.397201532	0.57293953
## 526	0.51027054	0.17543307	-0.8338658	0.189096950	0.24411816
## 527	0.51256591	0.16956539	-0.8363110	0.333521289	0.17059330
## 528	0.77236313	0.24065247	-0.5782799	2.353659547	3.17223292
## 544	-0.41712394	0.26469371	0.6620527	0.159101874	0.15192738
## 545	-0.42865226	0.30519268	0.6730835	0.776171796	0.79609426
## 546	0.06076958	0.82347161	0.7643120	6.799665388	3.66349872
## 562	-0.09400787	0.31548223	0.6046053	1.475859452	0.36133015
## 563	-0.09094539	0.22515534	0.6076529	0.446459834	0.40710753
## 564	-0.05617345	0.54786700	0.6918826	3.000582611	3.97440964
## 580	-0.21388787	0.50244170	0.6782176	2.051072672	2.55003421
## 581	-0.24557029	0.41948885	0.7690954	1.451078462	0.31984309
## 582	-0.22704704	0.51641691	0.8189770	2.340708402	1.46901672
## 598	-0.60104227	0.38408738	0.5917943	0.436528366	0.20548324
## 599	-0.51572138	0.40450993	0.7355322	1.319943658	1.69484642
## 600	-0.18702930	0.55149871	0.7515982	3.625364977	1.15036591
## 616	-0.02984698	0.53287745	0.6727977	0.487677318	0.28595549
## 617	-0.02452387	0.52477795	0.6586539	0.197682282	0.26732649
## 618	0.01319885	0.59317911	0.6963109	1.164777033	0.51387234
## 634	-0.03014910	0.71593660	0.6035451	0.738972782	1.09759112
## 635	-0.01500706	0.70638359	0.6133436	0.679477874	0.51679645
## 636	0.01797868	0.72128201	0.7639114	1.788677967	1.48039283
## 652	0.57266319	0.02646015	-0.8085967	0.048290982	0.15429059
## 653	0.57507747	0.02659336	-0.8068835	0.076255162	0.27444401
## 654	0.63917750	0.05545941	-0.7594805	0.360169628	0.62501405
## 670	0.49226493	-0.02618287	-0.8555885	0.114831584	0.19111509
## 671	0.51369500	-0.02014448	-0.8445398	0.159587374	0.21779555
## 672	0.69517225	0.06756707	-0.7130678	4.520780196	20.17951754
## 688	0.59766167	-0.10702419	-0.7860792	0.282807476	0.33837653
## 689	0.59006524	-0.10476726	-0.7922279	0.217910466	0.28645159
## 690	0.59359252	-0.07421950	-0.7859779	0.411390931	5.02618560
## 706	0.67882746	0.16100907	-0.7049454	0.004359887	0.00461581
## 707	0.67847753	0.16195098	-0.7050328	0.005655307	0.01518204
## 708	0.67933053	0.16174614	-0.7040617	0.041700781	0.13972602
## 724	0.75923824	0.26268923	-0.5909716	0.098319089	0.08599797
## 725	0.75951409	0.26271176	-0.5912265	0.125765894	0.47217969
## 726	0.75873578	0.26367617	-0.5916986	0.399171870	1.06010324
## 742	-0.61329728	-0.15396965	0.7696065	0.055412633	0.15764703
## 743	-0.61452043	-0.15279904	0.7686620	0.041816972	0.01039943
## 744	-0.61470735	-0.15160076	0.7666142	0.064689556	0.16876916
## 760	-0.17959414	0.48081243	0.8419883	3.024386830	0.62497126
## 761	-0.12652527	0.45757750	0.8543477	2.332377188	1.97585994

##	762	-0.07653008	0.43686208	0.9095065	2.824483281	1.75190883
##	778	-0.25993565	0.39840263	0.9023931	1.260229827	2.04372850
##	779	-0.26777458	0.43397585	0.8778741	0.996813397	1.94716047
##	780	-0.14300351	0.57287568	0.8875477	2.292718942	1.60897569
##	796	-0.23865899	0.43474808	0.9297356	0.893413075	1.27578390
##	797	-0.20196086	0.50189650	0.8699935	0.381392672	0.63011859
##	798	-0.08560453	0.49654573	0.9246237	1.907218732	2.02754795
##	814	-0.16468488	0.40253079	0.8806953	0.809940000	0.58705955
##	815	-0.12033706	0.38097051	0.9258989	1.036601716	1.38010898
##	816	0.04189327	0.42086378	0.9344001	2.112607810	2.58520985
##	832	-0.18433137	0.47849342	0.8042178	1.269058113	1.16719908
##	833	-0.19720587	0.46671262	0.8027122	2.125265556	0.57530068
##	834	-0.15448269	0.59669793	0.8450035	2.083588960	3.59245265
##	850	-0.13938625	0.50256956	0.8414234	2.268270144	0.81942158
##	851	-0.13639696	0.41389573	0.8330386	0.509953312	0.94663321
##	852	-0.11143813	0.49355295	0.8913342	1.917260777	2.88502444
##		max_AVz_Hand0	max_AAx_Hand0	max_AAy_Hand0	max_AAz_Hand0	max_AJx_Hand0
##	4	0.13637400	10.7126549	24.9691169	24.077240	2666.81689
##	5	0.11617845	2.8560488	3.7705834	15.126930	312.98217
##	6	0.70149706	47.7571566	29.5089420	99.417330	3720.60870
##	22	0.42301836	20.8293765	70.9473923	33.780687	2489.94958
##	23	0.29118140	42.5859971	47.8661616	19.436532	11563.62346
##	24	0.36467400	21.9217686	75.6583352	31.621321	1954.20159
##	40	0.24219111	17.2409025	4.2030676	30.906882	850.59591
##	41	0.06360361	4.7027960	3.9128215	13.495023	356.17990
##	42	0.46413256	7.9186781	8.9433051	28.967991	966.61794
##	58	0.23943801	14.6040228	29.3302373	13.385032	1887.20873
##	59	0.18062291	9.1251281	4.5234481	12.993416	360.64821
##	60	2.69686659	55.6064161	98.1192471	72.459347	19193.06484
##	76	0.15038448	10.3186979	4.8149883	11.449118	788.29069
##	77	0.19344468	6.9916449	3.2726771	23.804395	1802.14580
##	78	0.84793825	182.7235861	54.6871995	64.201242	58999.71138
##	94	0.16995313	19.4468416	42.9771331	13.010559	996.58005
##	95	0.14752974	10.5233078	27.5070810	10.512682	1162.90354
##	96	0.72411171	13.0266348	29.8889038	57.732118	1459.93934
##	112	0.40103340	17.0761998	24.5303596	17.541909	1059.89174
##	113	0.33524983	31.5725590	12.9521430	16.196688	1868.55311
##	114	1.05732959	45.1378562	27.4864670	93.597052	3575.21054
##	130	0.57788168	16.6008193	14.7869852	41.984520	1040.30761
##	131	1.11105019	12.6168163	14.4443306	82.235330	1822.30191
##	132	0.55514764	38.0317399	57.1397946	67.458146	4292.16513
##	148	0.34145833	7.2728963	8.0586442	14.991934	649.45299
##	149	0.33279501	20.8187234	17.5593134	45.505020	2176.85043
##	150	1.02075950	16.5909015	16.8879750	62.673425	1970.83184
##	166	0.55102206	18.8466462	22.9271097	27.794704	4073.95360
##	167	1.25539982	13.9411014	23.7026798	61.751306	1696.70725
##	168	1.18635977	28.9135780	54.6679093	81.290842	4775.31647
##	184	0.86458784	18.7169407	17.7659104	61.777363	1252.06489
##	185	0.23293077	12.3548998	20.1412463	25.986918	808.37960
##	186	0.93233720	43.1976222	36.6368845	78.175090	3756.91942
##	202	0.60469033	13.1830973	13.0162013	24.553426	1423.61483
##	203	0.78345103	30.3921598	15.9044822	43.682010	1804.85371
##	204	1.13521030	27.3399724	30.1822813	59.297046	2519.79694
##	220	2.10946902	46.0717001	24.2579361	150.490212	5742.11101

## 221	1.01665290	49.4837871	26.2120897	60.478220	6557.61818
## 222	2.14999434	144.9401274	188.7158246	157.684846	13894.95892
## 238	0.89864647	208.6909990	127.3076328	55.501574	45528.90094
## 239	0.91841261	101.6595656	21.7849351	42.125956	11774.50744
## 240	2.99503547	123.7775499	220.7226406	238.944345	13511.25763
## 256	0.56926586	36.6316775	38.0498455	52.029615	3705.16720
## 257	0.64750079	28.5727338	28.1435945	26.536207	4221.38879
## 258	1.07089124	69.0513282	72.8016527	64.155605	8454.64249
## 274	0.36867191	24.1988375	12.7372397	45.035630	4026.64752
## 275	0.34902652	20.6096463	7.3012646	22.367684	1508.99018
## 276	1.88504272	101.4231600	79.8820621	109.919810	8601.53829
## 292	0.32554152	20.9734291	8.1796222	20.066725	1497.53668
## 293	0.57980444	30.7467497	20.3492369	22.107204	2979.58580
## 294	0.91253964	82.1477325	45.4146101	60.304298	15988.53670
## 310	0.43195305	20.9516411	13.1915336	28.387734	2198.83420
## 311	0.61221834	25.5273323	15.2104366	19.021972	2741.92917
## 312	2.06678586	56.8198147	26.2101049	120.374119	9466.11704
## 328	0.08201921	2.8757780	1.7344275	5.219996	264.61587
## 329	0.07853815	2.5304032	1.5286092	5.281057	168.44230
## 330	0.12152828	3.8417703	2.6169311	9.052052	445.35513
## 346	0.42943397	21.2136902	30.7206540	40.162372	3059.87366
## 347	0.31942876	28.2118957	26.9221937	18.770624	1559.86885
## 348	0.68692760	93.6056326	124.1679530	39.006323	7766.47955
## 364	0.42876880	23.2821578	17.9110239	19.916353	950.69641
## 365	0.43572550	16.9315682	20.3309864	15.076151	887.32547
## 366	0.69458260	37.0190122	31.8816659	32.817515	3788.92460
## 382	0.67819737	18.1152032	38.7926198	19.157821	2256.16316
## 383	0.45468312	69.0391679	22.7723003	15.311793	5498.93009
## 384	0.75837791	241.7591739	37.7364046	37.112364	22717.62150
## 400	0.34437499	23.3908688	24.6364620	13.925281	1991.97293
## 401	0.24548049	31.5752471	26.1303830	28.510114	2470.97911
## 402	0.63112362	35.6901830	57.0279267	32.640094	5828.62689
## 418	0.57946638	21.6849407	33.0956648	32.648755	2480.88716
## 419	0.63041095	44.0484633	23.2853176	45.649690	3228.24433
## 420	1.01036804	73.5163622	38.0342526	46.118326	3467.44479
## 436	2.80397964	12.3689259	13.0595951	135.774730	1010.44535
## 437	0.78957786	9.9481624	11.6011631	48.393776	723.86764
## 438	2.28151154	21.6404206	23.1888052	84.244812	1989.52394
## 454	1.79808971	59.3133577	27.5660539	130.785736	3579.65505
## 455	1.31266754	72.5722555	19.9166672	84.051568	10328.06215
## 456	2.13900588	69.6861640	39.5693473	107.729528	4249.02103
## 472	0.19602187	3.0290783	2.0856253	9.003186	203.04176
## 473	0.14657392	2.7287513	2.8315300	9.432849	196.65061
## 474	0.33968614	12.3823198	20.0074639	27.558827	615.41207
## 490	0.46405387	19.3544481	18.5469146	14.568945	1945.15781
## 491	0.11353976	1.9054736	2.5211187	15.701882	183.44996
## 492	1.62033446	35.8389683	47.8208858	103.587306	2775.74089
## 508	0.15239053	4.7781555	6.6233465	11.721209	389.83299
## 509	0.23139802	3.4232882	6.0376759	7.968689	239.12547
## 510	1.39283376	25.3563831	18.3418107	62.736711	1800.16726
## 526	0.11800599	6.8049108	9.9045103	18.612890	536.75220
## 527	0.29556876	8.4451671	7.6945050	26.541531	798.21568
## 528	4.59384191	25.6083800	89.8792353	319.684356	4705.98800
## 544	0.23381935	8.5453788	7.8321401	11.914126	1811.09787

## 545	0.51356444	40.6050046	34.0896268	34.294695	3698.84925
## 546	2.88363843	193.0233547	99.8540492	128.615377	14454.54028
## 562	0.52367105	26.4256778	29.7801933	17.770070	1528.65496
## 563	0.29931643	24.7278015	17.9056696	20.421437	1684.61679
## 564	3.28373659	79.8884104	127.5161097	122.701983	4665.08350
## 580	2.80239215	76.1227463	68.3592227	78.747173	3710.12628
## 581	3.93599672	46.5325168	34.7424160	104.481471	2979.23751
## 582	2.61791126	150.4262308	63.4652977	80.047672	16362.52503
## 598	0.17666480	12.9845474	22.9468473	8.681826	991.35385
## 599	2.28150203	44.8711732	37.2030330	113.836420	2828.29363
## 600	1.88194121	143.5867405	60.0376888	113.583646	7151.28709
## 616	0.26313252	13.6445978	13.6312645	15.783275	1294.24131
## 617	0.16944291	6.0208650	11.2725000	16.042117	423.21602
## 618	2.07703196	45.3128824	27.6821074	85.054406	2803.82700
## 634	0.46127030	19.8425730	27.6559221	23.999102	1549.47584
## 635	1.04567469	20.4917596	17.7585213	117.952943	1257.17956
## 636	3.35917219	55.1680585	54.7089157	159.471253	4941.30473
## 652	0.11652848	3.1219958	4.1245806	8.488400	354.12006
## 653	0.04424017	4.2787667	4.4113107	4.553339	251.96678
## 654	0.36997520	20.9027458	37.9222940	39.366763	1262.03979
## 670	0.13913793	4.7921693	6.9881583	9.785781	360.36931
## 671	0.17459181	9.3708458	8.0543283	20.940697	554.64857
## 672	16.83715721	1307.1668578	1782.9268678	1527.019397	392733.72945
## 688	0.17100612	7.5774766	9.2491850	12.829503	660.11855
## 689	0.37073237	6.8856182	10.7524309	28.927863	542.65780
## 690	0.59695975	104.5668462	206.1070311	38.688616	18337.67278
## 706	0.06928314	0.3542449	0.2849543	4.574738	30.38843
## 707	0.06561246	0.2357025	0.6215428	3.743085	19.26255
## 708	0.20596985	4.0272152	6.1144768	12.143481	288.11226
## 724	0.08723601	4.3099163	3.4046093	9.854512	213.79765
## 725	0.20474970	3.0787277	12.1907596	14.757641	316.94189
## 726	0.28450484	28.8238868	48.5453588	13.419705	7073.21250
## 742	0.06594246	2.9718152	5.3051823	3.395342	199.29925
## 743	0.12246417	1.6172625	5.4949000	6.476861	92.21260
## 744	0.22427789	3.8359477	7.0707106	12.344512	258.08364
## 760	1.41785137	61.8491191	36.7050403	34.992348	4516.67832
## 761	2.55996413	54.4208813	79.4668509	181.538236	12490.43392
## 762	2.40156013	71.8901116	44.5598851	121.613546	6596.58286
## 778	1.07397910	116.0909961	60.8119862	138.663655	14785.47519
## 779	3.16171164	45.3612636	64.7747176	86.560260	5072.41985
## 780	3.35840236	73.0716150	76.7953142	185.666530	9174.86574
## 796	1.97398600	41.8185294	97.0462612	222.518101	2495.35481
## 797	0.77952285	29.2939437	12.6030121	82.699868	2404.11028
## 798	3.52853188	109.1952190	98.6509386	202.351922	23437.55216
## 814	1.06574495	19.7954001	42.3440871	77.998249	1566.09393
## 815	1.37129335	31.1582455	35.9717757	45.505254	3047.61143
## 816	2.64337817	108.0876930	95.8898273	126.085578	16091.40565
## 832	1.46256243	35.1576492	38.4310404	48.973236	2571.95456
## 833	1.23526938	66.7287967	16.4016473	126.158484	5839.79522
## 834	2.57766961	100.7804817	87.3448016	156.296303	8918.34608
## 850	1.86898233	67.5877750	104.0628573	89.420220	6514.44879
## 851	1.82698125	22.9331295	23.9809201	84.834263	1996.65776
## 852	2.49941487	95.3381428	84.1918137	156.424940	4225.27049
##	max_AJy_Hand0	max_AJz_Hand0	mean_w_Hand0	mean_x_Hand0	mean_y_Hand0

## 4	1920.72343	5029.0402	0.205976690	0.46009389	0.012212179
## 5	281.02584	1062.5663	0.200699047	0.46622740	0.007997239
## 6	3339.18971	12240.5741	0.201428723	0.44456343	-0.022133212
## 22	4369.25833	2662.6526	0.104750443	0.39025540	-0.045639309
## 23	8780.60025	1170.7845	0.100539200	0.39740457	-0.044822264
## 24	7254.81472	3522.1426	0.098497844	0.39557726	-0.044971948
## 40	735.51580	2107.1628	0.289625708	-0.30056753	0.076372772
## 41	499.96601	1015.8001	0.294171284	-0.30051754	0.076532458
## 42	838.13027	2099.3179	0.292879262	-0.30244688	0.082204031
## 58	3919.76334	1183.2698	0.105715669	-0.31450788	0.047418901
## 59	504.81396	1060.5469	0.104369019	-0.31459136	0.047983256
## 60	31403.61956	22600.9672	0.112872237	-0.31443145	0.049615227
## 76	814.30318	1263.1399	-0.390045411	0.24430540	-0.111340567
## 77	232.33685	1135.3882	-0.390410477	0.24244973	-0.109027714
## 78	23170.55678	11249.4070	-0.383868637	0.24608142	-0.111489156
## 94	2293.33153	1211.7498	-0.032716148	-0.45460044	0.027434573
## 95	2254.66193	745.3830	-0.028566240	-0.47519082	0.025515022
## 96	4079.86008	5447.0252	-0.012783865	-0.46367118	0.008669051
## 112	1248.75204	1795.8527	-0.722988271	-0.12546038	-0.488344773
## 113	3171.99945	1082.8915	-0.721996291	-0.12609271	-0.491434979
## 114	3667.02478	9030.4696	-0.724144936	-0.12803981	-0.483233015
## 130	1180.48604	3590.2511	-0.690761511	-0.13568221	-0.595937142
## 131	1288.45869	8592.1043	-0.688348508	-0.13745910	-0.594713364
## 132	9172.38124	7369.3114	-0.694514021	-0.14647559	-0.596078548
## 148	735.52668	739.7932	-0.778375632	-0.28879516	-0.453089911
## 149	2625.89607	2956.8453	-0.781738504	-0.29928943	-0.448664862
## 150	1329.43524	4880.1662	-0.781994153	-0.30369235	-0.446738420
## 166	1719.43942	3782.4292	-0.733853083	-0.25280748	-0.501131897
## 167	4342.14623	3663.3666	-0.729818505	-0.24717200	-0.508039569
## 168	4019.10062	9068.5887	-0.729438943	-0.25726940	-0.505190272
## 184	1600.44322	4204.0181	-0.780578012	-0.28341686	-0.406148884
## 185	1765.94113	4625.0893	-0.783340172	-0.29082393	-0.409945905
## 186	3660.66950	7996.6145	-0.787968859	-0.29279558	-0.421416170
## 202	993.46891	1723.9758	-0.728924879	-0.28360966	-0.464476233
## 203	1568.90817	6673.3879	-0.729295561	-0.29104060	-0.468826724
## 204	2770.09369	4938.0885	-0.738955329	-0.31027213	-0.454320535
## 220	3193.55142	13781.8057	0.621103835	0.44931152	0.288461546
## 221	2406.83360	4963.8097	0.570743786	0.51000480	0.333534199
## 222	17660.80061	19876.9309	0.493854603	0.50791981	0.345181125
## 238	7795.72018	5587.6923	-0.639195340	-0.51207250	-0.300527561
## 239	2084.87645	5399.6664	-0.627766167	-0.47373628	-0.275002192
## 240	16552.20776	35872.6463	-0.554081279	-0.59110720	-0.247757772
## 256	3136.12375	6796.9741	0.529576360	0.52859097	0.309983284
## 257	1925.62285	3056.1126	0.524320473	0.51729370	0.316657780
## 258	11473.09468	8809.9548	0.525774232	0.48929955	0.327813303
## 274	1519.53384	3909.3667	-0.580260929	-0.52983331	-0.179158915
## 275	559.84780	2316.2804	-0.578097396	-0.53241885	-0.181636819
## 276	10210.53239	7994.5220	-0.569548096	-0.53706174	-0.166946934
## 292	851.42604	2502.1753	0.645793281	0.47001633	0.078248781
## 293	2272.48401	1722.1708	0.658346331	0.46044211	0.099476063
## 294	3397.26619	6209.1444	0.602448413	0.48776602	0.112208186
## 310	1306.50322	2541.2614	-0.618718003	-0.48708356	-0.083794830
## 311	1097.37901	2150.6510	-0.644233584	-0.46117988	-0.085711983
## 312	3901.64228	16191.1176	-0.618569282	-0.47133526	-0.100302337

## 328	218.28995	359.0805	0.597654505	-0.36165142	0.411826429
## 329	118.75129	397.9348	0.597677555	-0.35773479	0.410021241
## 330	238.70877	864.3616	0.599312468	-0.35798482	0.403025293
## 346	2472.71734	4914.8331	0.724206791	-0.17657043	0.450100689
## 347	1460.59818	1920.6107	0.722020314	-0.17169246	0.480568690
## 348	14008.92714	5036.9532	0.716231105	-0.15955777	0.505250695
## 364	1619.25709	1544.0450	0.612971357	-0.27528588	0.434529323
## 365	1240.30896	750.9498	0.619822514	-0.28090062	0.434543181
## 366	2679.93799	4836.9149	0.624893916	-0.26305994	0.439870924
## 382	3905.62434	1059.0091	0.624110131	-0.24863223	0.558163499
## 383	2833.46892	2134.7888	0.622446150	-0.27839852	0.541887715
## 384	4397.56919	5189.7742	0.623169605	-0.26153820	0.527006537
## 400	1384.62091	916.0684	0.658646517	-0.20013534	0.575430360
## 401	1040.05087	2656.5689	0.659334645	-0.20087749	0.579252086
## 402	3645.54399	3127.3522	0.660739787	-0.20551900	0.575173591
## 418	2682.41724	2901.9598	0.603414718	-0.40661700	0.497544198
## 419	3601.22438	3097.9394	0.604743232	-0.41588468	0.482812611
## 420	3701.99991	5670.6558	0.616748325	-0.42103471	0.462084546
## 436	610.10725	9547.2917	0.112701813	0.55699348	0.127650013
## 437	804.26922	4549.0129	0.120799927	0.53174544	0.116203915
## 438	1738.79691	8240.8998	0.106979962	0.52459662	0.114873290
## 454	1356.27342	5831.2066	0.047998845	0.58904119	0.058839090
## 455	1044.32961	7477.7673	0.052885348	0.58999729	0.063045646
## 456	3638.03812	13556.4378	0.092978972	0.54577947	0.060324452
## 472	211.31472	829.4855	-0.018152549	0.52118930	0.099473962
## 473	152.26055	615.2050	-0.025488519	0.52041985	0.098968444
## 474	1096.02129	2690.1841	-0.028028975	0.52072983	0.111133558
## 490	1283.32334	987.1266	0.025820438	0.54669855	0.222298181
## 491	181.10527	645.3187	0.005451875	0.52956217	0.239896110
## 492	2567.01613	8905.5929	0.031728017	0.51518197	0.208689100
## 508	419.64007	750.4020	-0.058299110	0.51793150	0.161518865
## 509	380.61465	657.3927	-0.060294464	0.51144621	0.164675229
## 510	1656.57534	4885.4237	-0.038206873	0.48894491	0.127956739
## 526	731.16960	1201.1670	0.111120234	0.50529665	0.172177978
## 527	482.90076	2098.9593	0.088818316	0.50867580	0.164070166
## 528	7207.04892	21935.0880	0.084322674	0.51256459	0.184014036
## 544	1012.56964	722.8170	0.567827355	-0.42096156	0.259107044
## 545	3115.77176	4960.3263	0.535571259	-0.46780068	0.277457394
## 546	9506.33058	12173.6756	0.424894139	-0.25209046	0.513652730
## 562	2555.09028	1933.9182	0.748618450	-0.13276428	0.276297916
## 563	1218.89788	1494.4479	0.766543002	-0.10983619	0.205004653
## 564	8297.51383	10755.5710	0.683829559	-0.23661363	0.322835127
## 580	4615.88960	5341.2841	0.650497938	-0.34487402	0.464140788
## 581	2817.60627	7305.9010	0.458696369	-0.34923710	0.339507980
## 582	5366.46777	9651.0220	0.516766889	-0.35695150	0.380893084
## 598	2540.42952	878.4025	0.385509934	-0.60566711	0.378811071
## 599	2296.12026	8342.5536	0.277867846	-0.54592180	0.371500622
## 600	6086.11852	6992.9909	0.527127838	-0.30112579	0.461225570
## 616	1143.41583	927.9335	0.527536771	-0.03837893	0.526390926
## 617	538.61732	953.3146	0.547232060	-0.02889607	0.521615174
## 618	2448.92196	6185.0098	0.494833896	-0.07040595	0.544851857
## 634	1482.15858	1472.9963	0.392961854	-0.05702747	0.701168350
## 635	1585.08985	9412.0467	0.414281413	-0.03021328	0.688268488
## 636	4846.76957	26256.7699	0.434091242	-0.09742681	0.620753786

## 652	298.28562	990.2152	0.133187269	0.56844621	0.024005705
## 653	416.51960	412.8050	0.132243507	0.56904480	0.025075319
## 654	2818.97582	1910.6238	0.128935769	0.57542135	0.005178878
## 670	557.12881	685.9735	0.160480876	0.48797855	-0.029545080
## 671	1418.39091	1091.1661	0.151811164	0.50143497	-0.024123934
## 672	168876.00469	148804.6633	0.124374927	0.60455983	-0.006592756
## 688	667.87126	595.5056	-0.104777672	0.58988904	-0.112173097
## 689	936.02277	1723.0385	-0.092537715	0.57296914	-0.115057571
## 690	21626.46463	6488.2358	-0.011153280	0.53205935	-0.105717913
## 706	35.68416	375.2429	0.128357676	0.67869308	0.160197634
## 707	52.11904	355.0143	0.129236187	0.67810103	0.161191309
## 708	584.80666	1031.4353	0.129975447	0.67610389	0.159668697
## 724	286.64965	743.1195	0.077265014	0.75730300	0.261096934
## 725	628.78951	1345.8093	0.077191530	0.75508061	0.260670914
## 726	4766.98497	1449.8938	0.080605360	0.74761269	0.256855426
## 742	327.84084	326.8212	-0.088948983	-0.61684920	-0.154765239
## 743	619.06383	468.3857	-0.087627540	-0.61930113	-0.154088419
## 744	902.17013	1956.1051	-0.089638350	-0.62160530	-0.159137351
## 760	2653.37968	7653.3725	0.454284966	-0.21598388	0.359108182
## 761	6492.59816	11530.9755	0.444074274	-0.16406290	0.347273650
## 762	4865.77743	9462.9621	0.400948199	-0.19885842	0.303724544
## 778	2107.92968	32896.7542	0.203710543	-0.32666830	0.337768196
## 779	3824.26849	9481.3957	0.317847879	-0.30966270	0.391398421
## 780	9505.57758	40914.7839	0.270882703	-0.22537652	0.443218329
## 796	11375.26441	24826.7121	0.217315493	-0.26810068	0.376691099
## 797	977.41955	6923.4514	0.203333400	-0.24926702	0.411357213
## 798	9025.45099	11378.4007	0.312342826	-0.19636851	0.407132325
## 814	2045.53991	4929.1860	0.269314325	-0.17417991	0.382669558
## 815	3190.92678	3475.0341	0.186409262	-0.16783613	0.356375244
## 816	9105.11663	11140.0908	0.300683534	-0.09681739	0.307994804
## 832	1805.48282	3609.4413	0.495852603	-0.26966920	0.441262159
## 833	1380.42236	14131.7580	0.414466863	-0.21451101	0.423131672
## 834	8844.93815	24175.3812	0.422393443	-0.21936907	0.481377164
## 850	7067.65154	6136.3240	0.326426657	-0.23056624	0.437529656
## 851	2266.96988	6029.0787	0.407285667	-0.20111448	0.396357993
## 852	14532.66177	19850.4297	0.264827517	-0.28912046	0.388052194
##	mean_z_Hand0	mean_AVx_Hand0	mean_AVy_Hand0	mean_AVz_Hand0	mean_AAx_Hand0
## 4	-0.8635515	0.0002398923	1.261169e-02	-0.0329370900	0.2779658161
## 5	-0.8615571	-0.0060156228	-1.218176e-02	-0.0079982879	0.0219634506
## 6	-0.8715427	-0.0065129631	2.341034e-04	-0.0129881972	-0.0503430922
## 22	-0.9133972	0.0344132712	1.007342e-01	0.0033718766	-0.3556654349
## 23	-0.9108997	-0.0018355371	-4.656879e-02	-0.0235318436	0.6700987214
## 24	-0.9119006	-0.0044597373	-4.509589e-03	0.0013024658	0.0207226747
## 40	0.9054898	0.0371371611	-1.853619e-04	-0.0162401258	0.0005727473
## 41	0.9040392	-0.0039726793	-4.475999e-03	-0.0021711393	-0.0422468062
## 42	0.9032953	-0.0036336820	-1.033538e-03	0.0015670925	-0.0272517263
## 58	0.9421444	0.0024220797	2.453939e-02	0.0178790490	0.2529874566
## 59	0.9422448	0.0030647399	-5.568044e-03	-0.0073198752	-0.0702453241
## 60	0.9412191	0.0006420530	1.218634e-03	0.0087199067	-0.0229596768
## 76	-0.8807770	-0.0002140792	-6.615818e-03	0.0173458961	0.5330968353
## 77	-0.8814226	-0.0075134277	-4.065186e-05	-0.0103344984	-0.0089874088
## 78	-0.8829433	-0.0009712157	-2.727040e-03	-0.0031499138	0.6641684838
## 94	0.8894972	0.0017832771	-1.390335e-01	-0.0293391080	0.1034276229
## 95	0.8790091	0.0302415004	6.288621e-02	0.0024714310	0.0508675451

## 96	0.8857218	0.0001519703	-4.638200e-03	0.0058341089	-0.0304060152
## 112	-0.4722660	-0.0118711480	2.176125e-02	0.0125484407	0.0991173628
## 113	-0.4703954	0.0372318739	-2.171537e-02	0.0289892199	0.4816372236
## 114	-0.4749077	0.0023150957	-6.487999e-03	0.0014637544	0.0285725385
## 130	-0.3863526	0.0490652568	1.456997e-02	0.0376648340	0.5396195054
## 131	-0.3918752	-0.0262508771	-2.749801e-02	-0.0116869051	-0.5963880509
## 132	-0.3751671	0.0017260564	-5.591150e-04	-0.0052704821	0.0359505031
## 148	-0.3246875	0.0140745720	-3.022113e-03	0.0032633980	-0.0260918003
## 149	-0.3129001	-0.0031840878	-1.287789e-02	-0.0567029375	0.3172666668
## 150	-0.3108323	-0.0019054343	3.518776e-03	-0.0024910220	-0.0108454335
## 166	-0.3825353	-0.0269017223	3.607347e-02	-0.0187920607	0.5800671698
## 167	-0.3848034	0.0270107259	-3.990382e-02	0.0525314393	-1.0978884797
## 168	-0.3825417	0.0017233799	6.036120e-03	-0.0040773302	0.0620191971
## 184	-0.3811571	-0.0385733747	-7.198399e-03	-0.0301284178	-0.1850415840
## 185	-0.3656439	-0.0067380617	2.714494e-02	-0.0425140134	-0.0553022761
## 186	-0.3399010	0.0012097005	4.526153e-04	-0.0018283265	-0.1260940673
## 202	-0.4152515	0.0080451761	-2.321312e-03	-0.0057005690	-0.4873902947
## 203	-0.4043911	-0.0057071604	3.920804e-02	-0.0064651521	0.0719601467
## 204	-0.3886630	-0.0013979075	4.316565e-03	-0.0093789825	-0.0024166898
## 220	-0.5695470	0.3559012569	-7.901230e-02	-0.0334123764	2.2228036064
## 221	-0.5499180	-0.0278755795	7.464792e-02	0.1723219881	0.0692273557
## 222	-0.6055232	0.0227222827	-1.316882e-02	-0.0435635391	-0.2635808792
## 238	0.4878516	0.0102292419	2.178860e-02	-0.1220820612	-2.3307172678
## 239	0.5517735	-0.2875131645	1.167689e-01	0.0148978152	2.7944839889
## 240	0.5230680	0.0105100515	2.434296e-02	-0.0275356294	0.0320616704
## 256	-0.5861995	-0.0088801289	6.040031e-02	0.0466694256	-0.9240497631
## 257	-0.5973027	-0.0830718349	4.028879e-03	0.0443449963	0.0654734842
## 258	-0.6092333	0.0015853242	8.897910e-03	-0.0024600262	0.1461938474
## 274	0.5919601	0.0354052490	2.349243e-02	-0.0473686949	0.0842860718
## 275	0.5907400	-0.1283609582	-4.009263e-02	0.0891523979	-0.5335956748
## 276	0.5965622	-0.0044065639	-3.655303e-03	0.0005786521	0.0107713818
## 292	-0.5964879	0.0013784679	7.031660e-02	0.0272752917	-0.3773837364
## 293	-0.5865874	0.1251492966	-6.476093e-02	0.0489529930	0.4101702657
## 294	-0.6202860	-0.0051684887	1.325092e-02	-0.0074945395	0.0718171021
## 310	0.6103702	-0.0289490397	3.489044e-03	0.0502303531	-0.4623736596
## 311	0.6037541	-0.1410728770	1.049161e-02	0.0269995609	0.5655954264
## 312	0.6181612	0.0182577688	1.291939e-02	-0.0012697520	-0.4076674890
## 328	0.5851580	0.0062963234	2.688932e-03	0.0018772618	0.0930211468
## 329	0.5887997	0.0127189994	2.976871e-03	0.0027701856	0.0213627834
## 330	0.5917960	0.0005685577	-1.705754e-03	0.0020209482	-0.0099492721
## 346	0.4896533	0.0152117819	1.773004e-01	-0.1537939738	-0.4765065282
## 347	0.4667451	-0.1212442543	-1.081161e-03	0.0394463274	-0.3365050818
## 348	0.4508605	-0.0009952971	6.958738e-03	-0.0050433373	0.0908464851
## 364	0.5996012	-0.0293491802	-2.425301e-02	-0.0120641004	0.1177411537
## 365	0.5899295	0.0252634639	-1.973074e-02	-0.0039945230	0.0367249365
## 366	0.5881908	0.0076678635	3.148721e-03	-0.0021713778	0.0376949671
## 382	0.4866535	-0.0335055969	-2.302570e-02	0.0803608066	-0.0884205159
## 383	0.4910712	0.0271071187	-3.530403e-02	-0.0162252026	1.9164601592
## 384	0.5138830	0.0042777855	7.921591e-03	0.0009089864	0.6461292606
## 400	0.4415018	-0.0506395805	-1.949701e-02	-0.0004327551	0.0191457846
## 401	0.4351015	-0.0167087297	3.364995e-02	-0.0108038351	-0.4361454743
## 402	0.4355449	0.0124561485	-4.284123e-03	0.0047532672	-0.0537207491
## 418	0.4715754	-0.0852366585	1.757232e-02	-0.1743714911	-0.4049129401
## 419	0.4771604	0.0609152530	-4.711624e-02	0.0524075812	0.1080934207

## 420	0.4758234	-0.0025699671	-3.629409e-03	0.0004896988	-0.0832990102
## 436	-0.8113947	-0.0762815062	4.689206e-03	0.4485747182	0.0864519269
## 437	-0.8295476	0.0292090516	6.032511e-02	-0.2819540920	0.1700945318
## 438	-0.8358090	-0.0008532306	2.839342e-03	0.0072270376	0.0144329585
## 454	-0.8018790	-0.4098225762	-1.214060e-01	-0.0280124841	0.2478627944
## 455	-0.8007946	-0.0362361922	9.632394e-02	0.0911840173	1.4964770576
## 456	-0.8254769	0.0017711141	-1.555103e-02	0.0059644083	-0.0687966170
## 472	-0.8474077	0.0137662328	-1.012312e-02	-0.0178069940	0.0185332955
## 473	-0.8477704	0.0038383647	6.699665e-03	0.0060219975	-0.0117779738
## 474	-0.8458121	0.0013769236	3.278564e-04	0.0017184724	-0.0021890534
## 490	-0.8065606	0.0955006325	8.532832e-02	0.0466287773	-0.4273996584
## 491	-0.8136136	0.0132175067	3.330697e-04	-0.0234888220	-0.0791908070
## 492	-0.8289565	-0.0152266400	4.562802e-03	0.0148294417	-0.0905236316
## 508	-0.8379803	0.0173954679	2.703868e-02	0.0031505293	-0.0107646785
## 509	-0.8412117	-0.0102960263	2.960677e-02	0.0066609007	-0.0827206229
## 510	-0.8601835	-0.0195278699	3.372993e-03	0.0137101420	-0.0248148296
## 526	-0.8382086	0.0087067632	1.255250e-02	-0.0484708686	-0.2095334102
## 527	-0.8402180	0.0599583909	3.884736e-02	-0.1015167503	0.0966155158
## 528	-0.8291323	0.0022971183	-5.979519e-03	0.0237244582	-0.1810567268
## 544	0.6581782	-0.0191534763	-2.680314e-02	0.0154444859	-0.1477351092
## 545	0.6444747	-0.1449983138	-1.422745e-01	-0.0221950856	-0.0216109570
## 546	0.6502558	-0.1129024615	1.064496e-01	0.0094863245	0.3447511961
## 562	0.5858927	0.2762609722	-7.408277e-02	0.0027083959	-1.0492214998
## 563	0.5983623	-0.0279785210	-5.474435e-02	0.0585477192	-0.1136227443
## 564	0.5899954	-0.0410993161	5.688073e-02	-0.0157372589	-0.1368495799
## 580	0.4775594	0.6382482415	3.865996e-01	0.4503218799	-0.6059128623
## 581	0.7412639	0.1032831173	-1.808795e-01	0.4014601422	-1.1191586669
## 582	0.6427928	-0.0129526950	-8.043395e-04	0.0001505682	0.4281170387
## 598	0.5839597	-0.0362357824	-2.771298e-02	-0.0118406649	0.2860039269
## 599	0.6931502	0.0359375598	4.355219e-01	0.3400772916	0.4977165375
## 600	0.6401578	0.0050182643	-9.686671e-03	-0.0631277216	0.2719022358
## 616	0.6656431	0.0035164219	-2.317695e-02	-0.0589432213	0.4629676960
## 617	0.6539056	-0.0113711279	3.547298e-03	-0.0181174505	-0.5835638376
## 618	0.6721035	-0.0040668022	2.318522e-04	0.0034816152	0.0925652432
## 634	0.5913211	0.1294804535	1.532853e-01	-0.0141841533	0.1382999705
## 635	0.5942011	0.0591470156	-3.814928e-02	-0.0241372527	-1.1162213338
## 636	0.6263019	-0.0118016044	-8.310268e-02	-0.0051928267	0.0772887068
## 652	-0.8115009	0.0053056428	-1.386557e-03	-0.0054680353	0.0357722898
## 653	-0.8111680	0.0043400285	4.394198e-02	-0.0109393771	-0.0078010946
## 654	-0.8056950	-0.0011339936	-4.542449e-03	0.0017610736	0.0413634130
## 670	-0.8574543	0.0139401397	-1.227553e-02	-0.0105758866	-0.1012889536
## 671	-0.8513852	0.0164542085	-6.478962e-02	-0.0016009085	-0.0052711366
## 672	-0.7821855	-0.0657426248	5.357172e-02	0.0872217937	-1.9198369642
## 688	-0.7927093	0.0133110323	-3.149627e-02	-0.0093236204	0.0553622102
## 689	-0.8060428	-0.0075584524	8.955250e-02	0.0077013783	0.0703790847
## 690	-0.8374981	-0.0353609209	1.041702e-02	0.0147825864	0.1364770467
## 706	-0.7051500	0.0002202608	-2.878861e-04	0.0057979512	0.0011054125
## 707	-0.7053326	-0.0005087383	9.054950e-04	-0.0008141249	-0.0284148689
## 708	-0.7074533	-0.0006979768	9.559464e-04	-0.0003687864	0.0024371407
## 724	-0.5935849	0.0093536448	-1.265101e-02	-0.0052033176	-0.0198615541
## 725	-0.5965810	-0.0073472894	1.487566e-03	0.0007511862	-0.0781303462
## 726	-0.6067556	-0.0082041912	1.227587e-02	0.0017602265	0.0503683322
## 742	0.7665658	0.0027406398	-1.956241e-03	-0.0025959632	0.0054646663
## 743	0.7648770	0.0054020893	-2.194573e-02	-0.0042683649	-0.0492152760

## 744	0.7617237	0.0010668673	-1.951109e-03	0.0018750615	-0.0041551684
## 760	0.7806472	0.3043423438	-6.458702e-02	-0.1658155253	-1.2004289397
## 761	0.8021044	-0.1986620270	3.262341e-01	0.3340286901	0.5421978717
## 762	0.8362450	0.0089093228	-5.414681e-03	0.0019923487	0.0779305512
## 778	0.8539890	-0.0994620600	-2.631762e-02	-0.3109675872	-1.9287316949
## 779	0.7977748	-0.1061176874	-1.013042e-01	-0.3456981976	0.0570574814
## 780	0.8133447	0.0026358588	1.800839e-02	0.0160853411	0.1860523495
## 796	0.8469126	-0.2432572336	-1.708300e-01	-0.7170648894	0.5482908128
## 797	0.8505165	-0.2001984591	-2.217542e-02	-0.3336918621	0.8151163356
## 798	0.8243024	0.0118704561	6.198115e-03	-0.0190169025	-0.3469599378
## 814	0.8661452	0.0418838945	-4.332056e-03	-0.0280598319	-0.4443183095
## 815	0.8991228	0.0765329457	1.205939e-01	0.1536999492	-0.5027374433
## 816	0.8890851	0.0327034734	-8.364019e-03	-0.0391053994	-0.1483016868
## 832	0.6913373	0.2872897295	2.638720e-01	0.2600867117	-0.7539707443
## 833	0.7754253	-0.0277714982	6.786903e-04	-0.0208689203	0.0763399511
## 834	0.7282942	-0.0303892434	8.442251e-03	-0.0507919912	-0.1293604833
## 850	0.8016936	0.3304468102	-1.159956e-01	-0.5338204763	1.3658641682
## 851	0.7969301	-0.1420388966	-1.325895e-01	0.0003494088	-0.2670895463
## 852	0.8243852	-0.0042417738	-1.010346e-03	0.0477357733	0.0671909196
##	mean_AAy_Hand0	mean_AAz_Hand0	mean_AJx_Hand0	mean_AJy_Hand0	mean_AJz_Hand0
## 4	5.393576e-01	-0.1149367624	39.0240507	-14.91939837	87.71877688
## 5	6.450432e-02	0.1919717668	7.4394290	3.54981550	8.69862752
## 6	-1.403122e-01	0.2168821121	0.5305920	-3.32182946	32.29096262
## 22	5.787711e-01	0.3338605166	-0.2194132	-6.01896752	24.74557863
## 23	-6.592602e-02	-0.1343057158	199.0261167	25.31145482	-49.78136625
## 24	3.079289e-02	0.1469543908	15.1580481	27.95318189	9.67019077
## 40	-1.718323e-01	0.4825723119	-39.8403929	-9.67512924	52.25347038
## 41	1.309268e-02	-0.2424871687	-1.8538923	1.70503202	-21.55436219
## 42	-1.264282e-02	-0.0536387318	5.3453027	2.12779486	-7.26692207
## 58	2.583205e-01	0.2001814348	48.5395035	32.66916151	-4.08764978
## 59	9.054444e-03	0.0329636640	-11.0448822	-6.58182377	15.72406590
## 60	-1.624934e-01	-0.2928108576	27.4396711	3.54174238	-41.62249093
## 76	6.739892e-03	0.1563268280	28.4241881	6.56838451	27.56357387
## 77	-6.639452e-02	-0.2315718532	48.0039310	-18.72795588	-8.06251472
## 78	1.626997e-01	0.2950285035	194.0359265	86.16034431	19.64080994
## 94	5.956844e-01	-0.2217067287	-53.4584987	91.39088235	-7.96767159
## 95	-3.425370e-01	-0.0426459577	-14.3694011	-48.08816656	-15.80455336
## 96	2.111316e-02	0.2788329288	1.1548723	6.29040958	8.86624697
## 112	4.445653e-01	-0.2161450569	-7.1194335	-23.98271627	-15.87453747
## 113	-3.161374e-01	-0.1305367792	-53.7905658	13.09555935	-34.66019110
## 114	-1.658951e-03	0.1228365364	-0.7644195	2.42746405	-1.59448657
## 130	2.249983e-01	0.9643482827	-23.1081568	2.60346581	71.84137943
## 131	1.799832e-02	-1.7527048331	7.0523113	23.79452174	-58.77552670
## 132	-8.430209e-02	0.1422442681	-4.0555038	8.22673329	4.61015423
## 148	1.846089e-01	-0.2110151670	4.1397677	14.50034818	-18.05778038
## 149	-6.266364e-01	-1.5796644740	48.3282805	-1.75498956	-168.85846622
## 150	-8.911818e-02	-0.2627119755	4.5162118	-21.26758220	-9.39997158
## 166	4.951584e-01	-0.4958878657	8.7454768	-14.78308930	-48.80681255
## 167	-1.462521e-01	-1.1010319038	-51.7094750	41.45223632	-173.06166219
## 168	3.863827e-02	0.4233022196	5.3754563	-17.54433853	38.25076173
## 184	-6.253329e-03	0.5999738380	-27.4724602	15.74114127	83.33977523
## 185	2.112655e-01	0.4571614061	-24.8137400	-6.64836108	137.92313287
## 186	1.073048e-01	0.0035617196	-15.9747880	9.75484588	-5.13394170
## 202	3.513704e-01	0.2418271246	-13.8210381	14.00044183	40.73772619

## 203	-2.719218e-02	-0.3450755126	-8.2542657	-7.36595248	-23.87674258
## 204	-1.337311e-02	-0.0068041535	3.3362417	-7.17126376	-0.25648767
## 220	-1.482259e+00	4.2519781199	-41.0534814	-45.65709445	297.44912374
## 221	3.497794e-01	0.7626832594	-19.8340073	-30.39415683	-93.39527057
## 222	5.918505e-01	0.3835455532	-75.7778192	60.81339366	45.62406793
## 238	1.184187e+00	-2.5312321670	565.4896132	-200.91961102	-184.54415841
## 239	-2.486339e-01	0.3348893443	207.7333066	-54.71218314	-12.77862483
## 240	5.981748e-02	-0.5519117802	14.5885285	-71.61153733	6.52399366
## 256	3.422342e-01	0.8480210599	9.3841557	-110.71924957	45.86321481
## 257	5.756309e-01	0.0757086183	50.1558665	72.34063524	-3.66220881
## 258	8.554229e-02	-0.0845430090	15.1678522	12.01718949	7.80241105
## 274	2.052705e-01	1.1619649202	59.1947234	-1.45714997	138.95923900
## 275	2.565591e-02	0.4537671111	53.9267829	13.23204083	-27.06430522
## 276	3.980048e-02	0.0894582335	-16.0153850	0.50031814	-5.17034402
## 292	-2.245805e-01	0.2702533699	-34.4402969	-47.49203130	17.66013436
## 293	-3.067788e-01	-0.9622418800	-73.1386827	45.62994338	-87.89531561
## 294	4.655203e-02	0.0583140238	13.1911126	-1.63812697	12.00734971
## 310	1.773695e-01	0.3018396488	-9.9923704	0.57628230	-5.09423421
## 311	-3.955217e-01	-0.9575709380	63.7478809	-33.70626304	-25.68421197
## 312	4.893361e-02	0.1137685349	-4.0705559	-14.70677846	2.67292140
## 328	4.253410e-02	-0.0026157656	3.4032532	3.33886802	0.10273749
## 329	-7.828353e-02	0.1519822349	-3.5992442	-4.13318944	4.82975232
## 330	-1.788752e-02	-0.0105332402	-1.5344473	-0.60016669	-2.23724847
## 346	4.941275e-01	-0.4238965312	-28.4524822	-84.46455125	73.75402391
## 347	4.622520e-01	0.2737211568	36.7311653	3.85710967	-14.34488044
## 348	8.484594e-02	0.0538556753	4.5633900	5.78456012	-0.16583660
## 364	-3.608776e-01	0.1683670538	-37.2737608	5.85378684	30.61406251
## 365	7.698656e-02	0.0400039070	-25.5009705	32.63120835	-12.13439823
## 366	-5.202588e-02	0.0669135814	-0.6140521	-12.10311720	9.73651793
## 382	5.252636e-02	0.2667487622	-19.9401654	7.58477830	-24.76469815
## 383	-5.480036e-01	0.4288132995	3.5716049	21.51384774	7.07141013
## 384	-3.390300e-01	-0.1535536596	56.9646237	-46.28386507	-6.10575893
## 400	3.325055e-01	0.0108737678	23.8301137	4.94844195	8.42249785
## 401	-1.327501e-01	-0.0305245992	10.9543983	-46.47770993	23.71814776
## 402	-5.655472e-02	0.0143863659	-26.1341215	-2.18913593	0.08936177
## 418	-1.166786e+00	0.9762519633	21.9485452	-1.62618872	92.34470481
## 419	-2.101102e-01	1.1635706625	91.4377425	40.93341408	70.90047726
## 420	6.353209e-02	0.1622899985	-2.2249772	12.12030167	4.99025067
## 436	5.166709e-02	-2.2800306242	24.3879718	-8.19830361	-236.10752908
## 437	3.205206e-01	0.5937650743	2.2279774	4.32661142	42.91584589
## 438	2.025824e-05	0.0187305884	5.4067599	-2.38514278	-11.60746314
## 454	-3.469339e-01	-0.3136964562	58.9599039	28.11610925	-48.81901182
## 455	-2.402663e-01	-0.3680088255	75.9566613	-58.45085617	51.46292658
## 456	-1.431779e-02	-0.0596182476	-0.2162567	5.08949404	-13.12269313
## 472	1.015397e-01	-0.1993808733	-6.3035560	6.74186280	-11.35282647
## 473	9.967708e-03	0.2259901099	2.1102398	-3.58553804	12.12961445
## 474	7.780505e-03	-0.0420084091	0.2749034	-0.67089871	3.18515684
## 490	3.497537e-01	-0.6263779494	-35.5770617	1.58686147	-28.90320840
## 491	-1.100450e-01	0.3156599101	3.7550069	0.12784204	-2.64735929
## 492	2.603297e-02	0.1024217579	-1.8164566	-1.69648509	-11.79295782
## 508	-7.670436e-02	0.2647958361	-2.5632532	-16.67275310	9.37643875
## 509	-9.652067e-02	-0.0187345242	-1.4299657	-6.37126689	0.20691829
## 510	2.661009e-02	-0.0517542886	4.8274363	1.73989588	-11.51251028
## 526	2.563091e-01	0.0287277380	-5.8150839	2.07225757	34.28230591

## 527	8.127508e-02	-0.3922389890	-4.5368712	2.76808246	10.22353025
## 528	6.076385e-02	0.3935347087	-0.8785448	-2.37079302	7.67130014
## 544	-1.894294e-01	-0.1650121464	18.0012250	13.47880906	-32.24208824
## 545	4.859362e-01	0.0301560101	29.2300250	33.42021164	88.29626047
## 546	-9.132672e-03	-0.2573888237	18.3929463	-14.94108232	-10.62703549
## 562	1.073782e-02	-0.2799925250	-82.7503551	1.83566236	-28.43551463
## 563	2.052480e-01	0.2934451987	7.1844844	28.90125004	-11.46799596
## 564	-6.595893e-02	-0.1835889126	7.9527794	-40.02227907	8.91141920
## 580	-6.620085e-01	-1.4019857427	-325.1550466	-217.39087627	-374.40372495
## 581	2.032115e-01	-3.0909264011	-85.0947613	24.58933867	-184.88627281
## 582	-1.291894e-02	0.0330069256	31.8159651	14.37850275	5.44461011
## 598	1.895437e-01	0.1798143196	14.0065004	1.16104610	5.12850452
## 599	2.211019e-01	-1.0507568464	-25.5805520	-81.95565091	-179.14155961
## 600	1.332549e-02	-0.3080955549	30.0937000	9.72458324	-18.53825519
## 616	1.264123e-01	-0.5609180391	20.9531287	25.88467754	-44.99582446
## 617	-1.201797e-01	0.1654953603	-21.8590870	-15.63300124	-11.52368422
## 618	-6.925500e-02	-0.0653289128	3.8783758	-1.26400764	2.39723045
## 634	5.573187e-01	0.1939425960	14.8183381	-19.97588497	-9.07986467
## 635	7.782140e-01	-3.0738052429	-22.1140114	18.61606534	-321.46430051
## 636	-8.608514e-02	-0.0192782217	7.2393574	8.52519763	8.32442526
## 652	-1.909859e-01	0.1541436841	4.6986992	-15.35021444	33.35533785
## 653	1.282185e-01	0.0576783655	0.3643677	2.08680149	3.07179299
## 654	4.289033e-02	-0.0004095978	-0.8610580	-0.06265085	-6.29960665
## 670	2.847071e-01	0.1961660608	2.9590925	19.67955204	23.97996994
## 671	-3.126817e-01	-0.0747745866	-5.6931014	12.07003159	-18.53833949
## 672	1.459829e+00	1.5020846043	643.4307787	-809.54672962	-627.85428617
## 688	4.175172e-01	-0.1278137753	10.1422728	6.00509195	-8.72930714
## 689	-3.508029e-02	0.3064397745	0.1702839	-6.44471588	40.03228194
## 690	-1.310542e-01	-0.0065911049	27.0653091	-34.55946358	-2.63688132
## 706	-1.332679e-02	0.1072690358	-0.1828119	-1.21036916	7.13990621
## 707	-2.102648e-02	-0.0091617994	-1.4121507	0.38088672	2.01163514
## 708	-6.413974e-04	-0.0012430703	0.7606119	-1.92265538	1.00618851
## 724	8.261455e-02	0.0494351754	-3.8679166	3.40311446	14.37970431
## 725	-3.676966e-02	0.2729464801	-3.5911767	16.75183525	23.83277862
## 726	-7.281407e-02	-0.0164566770	12.5040765	-24.52939592	-4.29944069
## 742	-4.466291e-03	-0.0610420469	-1.8926750	8.91575631	-0.62382999
## 743	5.746521e-02	-0.1030814305	-5.7821696	12.16442519	-19.77715201
## 744	-3.625122e-03	0.0207748990	-1.3105448	1.90520904	1.13705105
## 760	7.185343e-01	-2.2712192542	-169.5656200	-8.24896776	17.35251929
## 761	3.064050e-01	0.8367800923	107.7644915	-48.08385312	-77.55210783
## 762	-1.182099e-01	-0.1383969040	-18.4163424	-19.93979229	-11.91142118
## 778	-2.332431e+00	-2.3234959561	204.5916436	-74.95036860	426.96723026
## 779	2.039144e+00	0.4020682284	24.6006051	84.53856332	-44.73518990
## 780	-6.391371e-01	-1.0648815989	-11.6885350	-11.60364116	-58.45954293
## 796	-8.996241e-01	0.7581194608	76.4447659	148.93037450	420.38624246
## 797	-1.248068e+00	-1.3893678633	76.8568953	-1.51092732	62.08223224
## 798	4.770761e-01	0.2836749098	-3.8215585	14.64639270	32.18320117
## 814	5.500621e-01	1.5015017310	8.4229100	-7.05821382	71.93558973
## 815	-6.476286e-01	-0.4376945553	17.2395690	0.33073006	-2.97432969
## 816	4.961445e-01	-0.1547392980	5.2838600	11.24027258	15.60566927
## 832	1.044311e-01	0.0825811332	-73.5975798	-9.27993103	-59.33563178
## 833	-8.271208e-01	1.2039147828	-55.6012248	-49.70916256	146.41500169
## 834	1.061975e-01	-0.1873700202	18.9901687	-21.58081007	56.27290702
## 850	7.578218e-01	2.8005803289	-8.6830950	13.23005434	41.40306198

## 851	-5.685950e-01	1.3019495671	17.0623940	11.55906298	-22.47059220
## 852	1.722459e-03	0.3574883020	-0.4010926	-18.29797508	15.32460148
##	std_w_Hand0	std_x_Hand0	std_y_Hand0	std_z_Hand0	std_AVx_Hand0
## 4	0.0023708239	2.725872e-03	0.0007893938	1.890624e-03	0.062110774
## 5	0.0012429495	1.357491e-03	0.0019320315	5.629982e-04	0.026384883
## 6	0.0320996568	1.051154e-02	0.0224188737	8.509433e-03	0.135674219
## 22	0.0060826992	1.491474e-02	0.0073496373	6.654746e-03	0.186761097
## 23	0.0098997926	9.407467e-03	0.0037277378	4.282635e-03	0.233293444
## 24	0.0046643750	1.138564e-02	0.0071028039	5.496545e-03	0.084213777
## 40	0.0028072001	2.873008e-03	0.0039537932	6.334155e-04	0.093690869
## 41	0.0014098550	2.138080e-03	0.0013712437	4.945500e-04	0.050661955
## 42	0.0049966758	2.205838e-03	0.0040245158	1.355736e-03	0.048571969
## 58	0.0019894824	3.969610e-03	0.0017036259	1.477982e-03	0.087066771
## 59	0.0012481534	2.587990e-03	0.0016756087	9.855664e-04	0.056123216
## 60	0.0050790002	2.851720e-03	0.0016958152	9.429612e-04	0.103442114
## 76	0.0026450508	1.960989e-03	0.0016891889	1.106688e-03	0.085086402
## 77	0.0017220573	6.882246e-04	0.0009555323	8.683388e-04	0.051677218
## 78	0.0057968846	3.343978e-03	0.0043402020	2.560760e-03	0.181213714
## 94	0.0041623218	1.483427e-02	0.0045932849	7.613163e-03	0.183311789
## 95	0.0017715420	6.898742e-03	0.0024832634	3.769582e-03	0.091749928
## 96	0.0112107410	8.788889e-03	0.0066197763	4.580994e-03	0.060106392
## 112	0.0026411014	1.860007e-03	0.0035431851	3.097952e-03	0.129392016
## 113	0.0022586569	1.671741e-03	0.0039038395	4.425548e-03	0.203784742
## 114	0.0066374070	4.233367e-03	0.0053936630	8.816191e-03	0.167517680
## 130	0.0028565224	2.075449e-03	0.0015858134	3.888361e-03	0.124476001
## 131	0.0020075175	3.885774e-03	0.0020269723	2.934868e-03	0.122047092
## 132	0.0037406387	8.290282e-03	0.0027032568	6.734750e-03	0.120945696
## 148	0.0011259676	2.307866e-03	0.0018793077	2.548413e-03	0.081541479
## 149	0.0036158118	4.415577e-03	0.0038746851	7.658425e-03	0.105872405
## 150	0.0030426121	3.909709e-03	0.0042918702	4.616516e-03	0.083903649
## 166	0.0037100919	5.356104e-03	0.0027274505	5.783522e-03	0.295653941
## 167	0.0021170258	4.249653e-03	0.0053508588	6.616509e-03	0.227274173
## 168	0.0048794545	6.660710e-03	0.0073499950	7.350846e-03	0.181108247
## 184	0.0044162750	4.989675e-03	0.0057035856	7.813220e-03	0.203805486
## 185	0.0027563082	3.425065e-03	0.0038358153	3.940834e-03	0.137808448
## 186	0.0034989558	5.622614e-03	0.0097807143	1.060421e-02	0.127165990
## 202	0.0027783305	3.491916e-03	0.0044524589	4.873111e-03	0.175729755
## 203	0.0040587291	4.534131e-03	0.0040443555	6.413804e-03	0.197883751
## 204	0.0051046818	6.848959e-03	0.0071350068	9.305600e-03	0.168960784
## 220	0.0326594620	5.154348e-02	0.0183088357	2.817464e-02	0.527512075
## 221	0.0100659590	1.371263e-02	0.0132421977	6.109791e-03	0.342683190
## 222	0.0514950995	5.923981e-02	0.0716809270	3.219390e-02	0.535939898
## 238	0.0164918992	2.085188e-02	0.0084674719	1.161369e-02	1.114882096
## 239	0.0190222396	2.821127e-02	0.0076991945	1.466468e-02	0.625070565
## 240	0.0496661525	5.293714e-02	0.0471725082	3.348295e-02	0.713075026
## 256	0.0143359578	9.500865e-03	0.0098678954	6.008013e-03	0.357066453
## 257	0.0062012102	9.876337e-03	0.0171273152	5.719838e-03	0.302115464
## 258	0.0553894091	2.996651e-02	0.0221962970	3.271822e-02	0.416542601
## 274	0.0057505141	3.851044e-03	0.0023861137	2.626796e-03	0.176095333
## 275	0.0150112648	7.290826e-03	0.0067808235	7.146948e-03	0.191800705
## 276	0.0357359574	3.657743e-02	0.0244151384	1.470655e-02	0.434225672
## 292	0.0032283167	7.013237e-03	0.0071102272	2.675833e-03	0.151156046
## 293	0.0058228301	2.021397e-02	0.0053209807	1.158594e-02	0.247220102
## 294	0.0192306262	2.720073e-02	0.0160489313	2.074412e-02	0.239579936

##	310	0.0138362957	1.045263e-02	0.0062242559	5.631068e-03	0.294420113
##	311	0.0095251337	1.580233e-02	0.0063353483	6.210309e-03	0.222331251
##	312	0.0223758510	3.424433e-02	0.0318632262	1.863719e-02	0.422273139
##	328	0.0003249358	1.854747e-03	0.0007352691	1.605259e-03	0.029641759
##	329	0.0004510477	1.699233e-03	0.0006962244	1.176094e-03	0.021595067
##	330	0.0010621835	2.632795e-03	0.0028535874	1.837800e-03	0.021234175
##	346	0.0045404112	3.048182e-02	0.0285125313	1.656729e-02	0.222666577
##	347	0.0071517411	1.517223e-02	0.0107806014	4.728512e-03	0.251257278
##	348	0.0105722671	4.328148e-02	0.0218868952	2.327173e-02	0.275741367
##	364	0.0044324131	8.264772e-03	0.0046651281	6.321232e-03	0.239045767
##	365	0.0027365506	6.854852e-03	0.0034588031	2.323220e-03	0.190102638
##	366	0.0134687538	1.902025e-02	0.0117929657	1.308713e-02	0.268458966
##	382	0.0070458682	1.036373e-02	0.0056075695	1.041132e-02	0.282918028
##	383	0.0065716122	1.118446e-02	0.0069222001	7.167820e-03	0.386553442
##	384	0.0117461298	1.412112e-02	0.0244890303	2.260893e-02	0.381391911
##	400	0.0036855331	5.908826e-03	0.0042293689	4.719246e-03	0.246860362
##	401	0.0045013436	5.557249e-03	0.0051438668	1.975423e-03	0.377809065
##	402	0.0066161376	1.130903e-02	0.0148338125	1.643717e-02	0.273090788
##	418	0.0068909540	6.186290e-03	0.0161153763	1.692420e-02	0.236237741
##	419	0.0075429449	7.865306e-03	0.0134019023	1.576143e-02	0.344266085
##	420	0.0138150291	2.765733e-02	0.0282120036	2.594956e-02	0.365201736
##	436	0.0421762169	1.508060e-02	0.0199507681	6.809360e-03	0.132539797
##	437	0.0261943394	6.123393e-03	0.0159195551	6.773588e-03	0.109136672
##	438	0.0328114997	7.173637e-03	0.0192438768	9.234493e-03	0.170300662
##	454	0.0332748741	2.571515e-02	0.0473866563	1.819916e-02	1.189655283
##	455	0.0409548577	1.142408e-02	0.0458011190	6.160380e-03	1.025325786
##	456	0.0545771040	4.980455e-02	0.0413901897	3.564354e-02	0.565124109
##	472	0.0046071051	2.449886e-03	0.0029066656	1.563180e-03	0.047673998
##	473	0.0011786346	8.810971e-04	0.0013841009	4.401830e-04	0.035187188
##	474	0.0077917448	4.702851e-03	0.0147370818	2.556020e-03	0.070949031
##	490	0.0112759917	1.093409e-02	0.0157097147	3.764948e-03	0.215048936
##	491	0.0040338584	8.249639e-04	0.0004725366	4.954817e-04	0.029623572
##	492	0.0364355070	2.168831e-02	0.0298918758	1.320449e-02	0.226241349
##	508	0.0019470880	3.384247e-03	0.0053574562	2.452872e-03	0.062956250
##	509	0.0022390033	3.374818e-03	0.0034207090	2.234206e-03	0.058690489
##	510	0.0388488109	1.974544e-02	0.0333116113	1.345982e-02	0.134409778
##	526	0.0087202888	2.608037e-03	0.0021280474	1.837799e-03	0.079111317
##	527	0.0208017574	3.154026e-03	0.0055545507	3.427049e-03	0.168674900
##	528	0.0614065579	5.187447e-02	0.0263653241	4.127982e-02	0.304622496
##	544	0.0022306948	3.541167e-03	0.0026845513	2.069183e-03	0.106324901
##	545	0.0170909180	3.321513e-02	0.0122230183	2.223450e-02	0.466972089
##	546	0.1346750579	1.442775e-01	0.1620942764	6.427808e-02	1.023159463
##	562	0.0092659981	2.360329e-02	0.0396515849	1.294690e-02	0.360123697
##	563	0.0065198452	1.079807e-02	0.0100891741	5.354998e-03	0.254364080
##	564	0.0755470187	7.631208e-02	0.1003026537	5.022359e-02	0.672496418
##	580	0.0320832874	8.350041e-02	0.0148345574	8.076801e-02	0.630780969
##	581	0.0211849091	4.082435e-02	0.0243837466	1.587698e-02	0.619026803
##	582	0.1068582005	5.685030e-02	0.0769296289	1.636703e-01	0.513373330
##	598	0.0015109625	2.886925e-03	0.0031169685	4.822454e-03	0.162898982
##	599	0.0606226132	2.333544e-02	0.0164557822	4.395783e-02	0.657073406
##	600	0.0673017167	4.990051e-02	0.0344456650	2.713822e-02	0.434197912
##	616	0.0051723347	3.001143e-03	0.0037758708	3.904338e-03	0.194163535
##	617	0.0023786447	2.734630e-03	0.0025846129	2.836989e-03	0.100211761
##	618	0.0251032906	2.171574e-02	0.0199289986	9.978347e-03	0.306235739

##	634	0.0143568926	2.504803e-02	0.0097191490	1.118501e-02	0.290267985
##	635	0.0177124011	8.363990e-03	0.0108680894	1.349369e-02	0.323898016
##	636	0.1012643599	8.539499e-02	0.0427303183	7.177183e-02	0.583418049
##	652	0.0004786192	3.502462e-03	0.0014680871	2.423109e-03	0.018424122
##	653	0.0019242408	6.994505e-03	0.0006171297	5.110270e-03	0.021673847
##	654	0.0127959686	3.107876e-02	0.0389351940	2.131067e-02	0.099936825
##	670	0.0034619667	2.574935e-03	0.0015575456	1.262170e-03	0.048759779
##	671	0.0031092322	7.063620e-03	0.0023031758	3.792174e-03	0.073724012
##	672	0.0474503824	4.579263e-02	0.0438012234	3.041753e-02	1.202186984
##	688	0.0056254255	5.216291e-03	0.0028351185	4.073614e-03	0.106729712
##	689	0.0077677887	8.231330e-03	0.0061916586	6.160237e-03	0.131753315
##	690	0.0545329671	2.132702e-02	0.0225989855	1.663039e-02	0.216917325
##	706	0.0003714653	9.422268e-05	0.0003472261	7.531480e-05	0.001925697
##	707	0.0004370046	1.566229e-04	0.0004208348	9.720728e-05	0.002801851
##	708	0.0011526883	1.279199e-03	0.0011435608	1.200118e-03	0.010568373
##	724	0.0011644157	1.395793e-03	0.0008446028	1.930584e-03	0.028822310
##	725	0.0008675142	3.752928e-03	0.0007790520	4.683227e-03	0.053887054
##	726	0.0065646891	1.248844e-02	0.0042367868	1.532132e-02	0.069885893
##	742	0.0006283149	2.385528e-03	0.0004593843	1.929200e-03	0.024164997
##	743	0.0010930807	1.938292e-03	0.0008308326	1.403834e-03	0.012384022
##	744	0.0021571926	2.492144e-03	0.0029167206	2.185128e-03	0.014148783
##	760	0.0352452378	2.180026e-02	0.0708188451	4.524090e-02	1.377807898
##	761	0.0888199320	1.502374e-02	0.0563229765	2.944694e-02	0.947623661
##	762	0.0437746844	5.105959e-02	0.0421596179	4.306010e-02	0.657342178
##	778	0.0746535697	3.184762e-02	0.0336490894	2.927881e-02	0.775789918
##	779	0.0957465919	3.053352e-02	0.0408798837	4.448703e-02	0.522584666
##	780	0.1060335691	4.042500e-02	0.0513430198	4.869710e-02	0.592306923
##	796	0.1285449977	1.774481e-02	0.0535548214	5.004602e-02	0.463648602
##	797	0.0295488991	2.458939e-02	0.0444035362	2.379421e-02	0.403723537
##	798	0.1109600589	4.058506e-02	0.0447625108	5.212786e-02	0.590564549
##	814	0.0179254739	6.040938e-03	0.0079855865	8.766459e-03	0.288966873
##	815	0.0165013873	2.892551e-02	0.0187344601	1.525688e-02	0.489253559
##	816	0.0872912804	6.432878e-02	0.0511055929	2.318182e-02	0.790103211
##	832	0.0417028462	4.655837e-02	0.0331056339	6.271056e-02	0.506987303
##	833	0.0349704333	1.081933e-02	0.0164078647	1.751049e-02	0.811742553
##	834	0.0710785817	3.376928e-02	0.0427737668	5.762804e-02	0.708049505
##	850	0.0585519408	3.238506e-02	0.0367099049	2.099127e-02	0.805219606
##	851	0.0184181516	2.568860e-02	0.0134737158	1.802311e-02	0.401777928
##	852	0.0903424525	7.670569e-02	0.0291008886	3.485368e-02	0.445570641
##		std_AVy_Hand0	std_AVz_Hand0	std_AAx_Hand0	std_AAy_Hand0	std_AAz_Hand0
##	4	0.086016180	0.09622289	3.4299115	6.0238023	6.526026
##	5	0.029267727	0.07840771	1.1070830	1.3173817	4.622568
##	6	0.107296036	0.18158318	6.9424518	5.3295035	9.024727
##	22	0.609843193	0.18504154	9.9461803	23.5614237	8.489299
##	23	0.551999117	0.13583341	12.3893013	21.0471849	6.917960
##	24	0.210706457	0.07633958	3.9303061	8.1013798	4.585791
##	40	0.042392197	0.09104270	3.9702821	1.8281760	7.068104
##	41	0.030192703	0.03672311	2.0265389	1.5631477	3.613669
##	42	0.032973439	0.07257345	2.3907898	1.5308552	4.470672
##	58	0.152437456	0.07655392	3.7831376	6.8466028	5.405833
##	59	0.071954291	0.05873794	2.6970775	2.5571128	3.665778
##	60	0.129035822	0.19373024	5.5840912	7.7493028	9.089727
##	76	0.042172389	0.05083715	3.3793523	2.0951423	3.705867
##	77	0.021276949	0.09665842	2.3909605	1.0498529	5.955909

## 78	0.098795682	0.14448747	12.7483805	5.4211126	9.406881
## 94	0.328819442	0.09426671	7.2336378	10.7982589	6.248812
## 95	0.252186979	0.05819230	4.0961680	8.2206503	3.680532
## 96	0.126152956	0.08050686	2.8569625	5.2880868	5.182765
## 112	0.188023338	0.12378623	5.8259041	7.0252523	6.501984
## 113	0.222698176	0.13477807	9.1447529	7.9162946	6.555546
## 114	0.173992925	0.19682920	6.6251874	6.7653866	10.499364
## 130	0.115408312	0.16781341	5.4622575	5.4691390	10.834800
## 131	0.133756305	0.38872061	6.3473540	5.4858307	24.255084
## 132	0.140441039	0.16760994	5.3257306	6.4685638	10.300985
## 148	0.084019131	0.13061051	3.1788820	3.7536878	6.343451
## 149	0.163594344	0.27377084	5.3579471	7.0375301	16.201564
## 150	0.094306406	0.16981580	3.6913263	4.4934863	10.009313
## 166	0.196492640	0.28237776	9.6270066	7.3966384	10.584209
## 167	0.188282982	0.33164054	8.7572653	8.5096345	18.581759
## 168	0.190644659	0.23801228	7.1659135	7.8521446	12.955448
## 184	0.194750183	0.29497127	7.0852324	6.0417173	18.055205
## 185	0.160136409	0.12908231	5.3644775	5.6812372	7.379432
## 186	0.160182214	0.20490029	5.6218896	6.6939467	11.518663
## 202	0.091653617	0.22133046	6.0481678	3.5228924	9.383758
## 203	0.205597020	0.35263401	9.1848825	7.9962240	16.643197
## 204	0.189880275	0.22037266	6.2679425	6.8626306	11.298976
## 220	0.404030187	0.76870230	19.4386549	13.7907896	36.046831
## 221	0.158944608	0.23746006	18.1154282	7.6396320	13.124262
## 222	0.497375508	0.47688573	22.9219010	19.2070841	20.306736
## 238	0.565074778	0.50662412	53.3039044	30.6232029	25.627551
## 239	0.226053116	0.37922146	24.6207063	10.4409869	14.616890
## 240	0.776685206	0.71586781	25.9138310	27.1220314	35.236739
## 256	0.266309797	0.26717243	14.7506378	14.6236565	12.257851
## 257	0.293731112	0.30905640	12.4190750	9.0708856	9.897502
## 258	0.296493785	0.35487539	14.3424013	10.1769410	11.040171
## 274	0.081120843	0.16334890	6.6558146	4.5026225	10.968054
## 275	0.050013426	0.13250614	6.3111233	2.3381602	7.799329
## 276	0.294135397	0.45017681	14.4528797	11.5521803	16.460497
## 292	0.076199154	0.10859436	6.4088235	3.9488973	5.849130
## 293	0.252646842	0.22697384	9.3859020	7.8213670	9.931004
## 294	0.177448994	0.23337120	9.2835464	6.3965972	9.403394
## 310	0.101651004	0.22562515	8.2236507	3.5779822	9.704958
## 311	0.214711094	0.21346937	8.3957509	6.0108472	8.849537
## 312	0.169861419	0.27556191	14.9080654	6.5096935	14.080765
## 328	0.026455671	0.03054085	1.0469590	0.8556894	1.870277
## 329	0.017693523	0.02326121	0.9779099	0.8341082	1.384064
## 330	0.017409389	0.02871514	0.8932708	0.7325655	1.728131
## 346	0.354652948	0.32586365	9.3355524	12.0647078	10.104853
## 347	0.238850201	0.10677574	9.4713165	9.0849070	6.325444
## 348	0.225334817	0.14852574	10.2183392	8.7475776	5.943407
## 364	0.212223666	0.18743689	8.6351601	7.9222038	7.013818
## 365	0.177641688	0.17767219	6.4806025	7.1798254	6.432050
## 366	0.175164876	0.24336764	10.1660864	7.8234882	7.836860
## 382	0.200003236	0.25339108	10.2872330	9.8380123	9.263518
## 383	0.266699062	0.26098960	17.2125404	11.7590462	8.701694
## 384	0.258735909	0.28600508	16.4528113	11.8952196	9.646629
## 400	0.262983784	0.16407350	9.7494331	11.2042953	6.704398
## 401	0.297486573	0.16104989	12.9243700	11.4690564	8.961632

## 402	0.252571337	0.17747295	11.0114396	10.6927886	7.143006
## 418	0.321210057	0.34167982	10.1820775	11.8398167	10.262786
## 419	0.261008504	0.31233163	14.2406853	9.1520115	12.120215
## 420	0.294251952	0.35700594	14.0048676	10.9885085	11.153876
## 436	0.201447871	0.85763669	4.6388358	4.9036111	39.574003
## 437	0.096558319	0.66939934	4.2689388	4.3400672	13.633601
## 438	0.169118682	0.51988996	5.5876562	4.7147217	15.033890
## 454	0.471876524	0.76247885	23.3398332	13.3926300	39.607463
## 455	0.212195191	0.49497914	23.5944052	8.2925291	18.017772
## 456	0.287290384	0.58754521	12.8544125	8.0055400	20.652636
## 472	0.046828894	0.08288048	1.5259966	1.1423033	3.530445
## 473	0.030088800	0.05896111	1.1949521	0.9497991	3.429773
## 474	0.086546959	0.10253677	2.2519881	2.5319425	4.352085
## 490	0.154988077	0.23881644	8.5793317	6.8808193	6.300062
## 491	0.030463970	0.06353917	1.1754530	1.3015030	4.416837
## 492	0.206226107	0.25278230	6.2946734	5.9953138	10.940541
## 508	0.089037904	0.09846203	2.2342466	2.6922033	4.673611
## 509	0.090758225	0.08949704	1.8111063	2.5064957	3.569421
## 510	0.136493273	0.24934494	3.7167284	3.5023765	7.630970
## 526	0.103611017	0.10959330	2.8793987	4.3393560	5.558444
## 527	0.074202192	0.18450306	4.3800831	2.6373637	8.034805
## 528	0.493967003	0.60799951	6.1585526	9.6802620	25.875731
## 544	0.053800958	0.10350883	3.2856204	1.9331937	4.886853
## 545	0.497899849	0.25471466	15.8912895	11.5712552	10.803866
## 546	0.582267469	0.79104795	23.1712238	13.4596812	25.542163
## 562	0.188981534	0.18172733	12.1426485	6.9717657	7.514308
## 563	0.207264194	0.09997981	7.6344531	6.8369029	5.587757
## 564	0.668297606	0.68130442	17.9174629	16.4973444	21.713470
## 580	0.778456130	0.91283622	25.2461184	26.0207235	29.889772
## 581	0.396037173	0.96877363	17.3822268	9.0777601	29.358404
## 582	0.470063768	0.54599917	14.5734546	11.6860209	14.560968
## 598	0.130884224	0.07755258	6.1164312	7.3866611	3.630224
## 599	0.698236974	0.59737848	18.3322508	17.6934600	38.327903
## 600	0.321084518	0.51140210	14.9128879	9.3638766	17.698924
## 616	0.106055018	0.15550716	7.2944103	4.6782827	6.098619
## 617	0.094422459	0.11030726	3.8805000	3.8778673	5.855268
## 618	0.132992115	0.30262849	7.8104768	4.1749875	10.014036
## 634	0.280647395	0.25924075	8.0169581	9.1766019	9.328189
## 635	0.269877860	0.65559551	9.2687626	7.6419650	34.957530
## 636	0.507461259	0.77817527	13.3344367	11.4666390	21.230148
## 652	0.078686020	0.04193379	0.9809160	2.1516137	2.649567
## 653	0.089320279	0.03394530	1.2417160	2.1264745	1.401637
## 654	0.181566694	0.09995209	2.4885938	4.8228166	4.178156
## 670	0.075846315	0.06724413	1.9920222	2.7451514	3.805086
## 671	0.104952152	0.10848934	2.6852022	3.5335241	5.555076
## 672	1.217805892	1.02551353	99.1620516	98.2953556	83.639000
## 688	0.153941062	0.11704937	3.3204915	4.1993126	4.121620
## 689	0.134956178	0.15089073	3.3929236	4.1174468	7.392294
## 690	0.328527475	0.14387240	7.8008115	14.3100240	6.309027
## 706	0.002651967	0.02451789	0.1154148	0.1726407	1.542176
## 707	0.005178299	0.03342615	0.1594329	0.3126161	1.744926
## 708	0.016783232	0.03901486	0.5581755	0.9229747	2.267327
## 724	0.039842751	0.05532830	1.2670999	1.2941139	2.973344
## 725	0.149730597	0.06564291	1.6243614	4.1007052	3.553516

## 726	0.128508896	0.05229303	2.2958333	4.7580699	2.822918
## 742	0.065178464	0.02170088	1.2200352	2.0677010	1.325990
## 743	0.039130885	0.03698918	0.6061234	1.5309757	2.446031
## 744	0.036579168	0.03832666	0.7034778	1.2726121	2.177450
## 760	0.380918107	0.72362047	31.9700610	19.2929876	22.152056
## 761	0.660462595	0.99027240	28.4020119	22.7559269	48.583285
## 762	0.433668108	0.42036593	16.8168481	12.2729364	17.155008
## 778	0.939460154	1.31581268	30.9038303	21.2000484	48.593992
## 779	0.856672671	1.49576273	22.0469567	27.6529813	37.947313
## 780	0.606717438	0.90025555	17.8099756	17.3703392	30.518895
## 796	0.916055666	1.69379363	14.6732620	25.7998271	55.449712
## 797	0.329292689	0.71559619	10.1465017	7.8153840	22.082361
## 798	0.540765805	0.90897441	16.9072342	14.7081860	28.896629
## 814	0.311914917	0.50783276	8.8312491	9.8462026	18.590906
## 815	0.545917477	0.48427502	12.7790246	11.8623426	18.407551
## 816	0.618694608	0.49592138	22.3959998	19.1057643	20.279669
## 832	0.444765262	0.44814934	12.7621221	10.3351937	17.551995
## 833	0.357173764	0.77773416	25.8035205	10.9340373	35.367276
## 834	0.652473758	0.97177270	19.9064913	17.6989121	34.195661
## 850	0.744799678	1.22555610	25.4139310	19.5934692	30.712769
## 851	0.426262051	0.72448797	10.9724404	11.7895466	31.782382
## 852	0.595693434	0.55351830	11.7131359	14.9063128	20.600135
##	std_AJx_Hand0	std_AJy_Hand0	std_AJz_Hand0	max_w_Hand1	max_x_Hand1
## 4	441.44522	477.28859	875.3837	0.73397481	-0.215858355
## 5	85.71212	106.00120	406.0249	0.72293133	-0.229336455
## 6	633.45489	467.11229	938.0882	0.75517195	-0.198674843
## 22	939.45318	1882.82632	789.0611	0.72306031	-0.210297227
## 23	1854.56457	2045.63258	699.4905	0.73896915	-0.107695937
## 24	347.16778	743.04850	415.0067	0.73944384	-0.120953053
## 40	318.91531	181.66458	693.2119	0.66594028	-0.332530677
## 41	157.67942	137.53229	458.8827	0.66555238	-0.331746340
## 42	179.82829	124.61085	407.9153	0.65792894	-0.335577697
## 58	378.38431	743.89608	552.8442	0.67635405	-0.277451724
## 59	203.93918	184.70063	306.2297	0.67625690	-0.277195632
## 60	1066.08149	1589.70042	1602.5238	0.67487264	-0.278279662
## 76	285.95342	184.57144	344.8357	-0.74644005	0.251687497
## 77	359.72442	144.42492	436.5438	-0.75402045	0.249337405
## 78	3386.49624	1363.54128	1261.1936	-0.74870133	0.255918592
## 94	566.66634	766.13236	651.7612	0.71996301	-0.260922730
## 95	402.54875	856.41582	371.9333	0.71853453	-0.262055069
## 96	244.06155	421.47911	478.9369	0.71753412	-0.259097576
## 112	502.18448	649.56846	625.4509	0.81621230	0.486906290
## 113	935.54711	608.37350	588.6370	0.81862491	0.491831899
## 114	640.85052	600.34870	1037.2757	0.81828749	0.501849592
## 130	497.19463	573.39660	1070.7605	0.75145048	0.550089657
## 131	551.71398	413.38500	2471.8195	0.74971378	0.551481485
## 132	521.50798	654.06805	1063.9670	0.75724310	0.555630803
## 148	228.43158	257.70041	458.0858	0.79240537	0.555408537
## 149	484.77738	666.91822	1494.0712	0.79242647	0.555357456
## 150	334.18346	393.72568	902.9362	0.79145658	0.556030273
## 166	990.50797	637.18285	1104.7394	0.79972780	0.540489614
## 167	774.70274	956.00483	1715.7664	0.79906690	0.537639260
## 168	647.07641	710.94790	1238.9337	0.80765414	0.555480182
## 184	685.50388	536.81112	1499.5387	0.82326090	0.504944682

## 185	516.97330	545.18103	859.8798	0.82331914	0.509968638
## 186	517.69412	616.53543	1156.5744	0.83262014	0.509328425
## 202	423.98668	277.35943	742.2440	0.82214367	0.524059117
## 203	690.87598	596.34797	1594.8407	0.82533383	0.524513185
## 204	514.68082	587.11991	1011.9632	0.83933157	0.525159657
## 220	1758.25071	1029.99343	3697.7520	0.65928632	-0.174505815
## 221	1951.52441	800.82206	1620.4245	0.63926029	-0.181874380
## 222	2343.44697	1894.63670	2063.3540	0.63197362	-0.165933311
## 238	7882.37816	4001.11753	2621.5651	-0.55923033	0.279301524
## 239	2484.36566	1007.50048	1520.8500	-0.56693536	0.270436347
## 240	2423.95544	2865.65254	3526.1842	-0.44632959	0.410058081
## 256	1298.74042	1412.31764	1317.6807	0.61847281	-0.296118498
## 257	994.05218	757.26677	940.4960	0.63333035	-0.238301262
## 258	1219.62699	926.10005	1055.1536	0.65667558	-0.166938573
## 274	720.34840	407.26113	1089.5132	-0.62031615	0.076518834
## 275	456.20026	191.37002	676.0881	-0.56948566	0.074235618
## 276	1347.16702	1229.06885	1571.2897	-0.56739438	0.174305558
## 292	586.64460	380.65574	543.5660	0.64501029	-0.020364527
## 293	928.37745	745.83018	893.0704	0.64365840	-0.007029164
## 294	1090.88433	659.78627	959.5354	0.69119865	0.019315569
## 310	761.94960	349.19138	990.6786	-0.61946756	0.038598936
## 311	717.78302	527.70030	785.6659	-0.61637098	0.033729479
## 312	1607.71899	637.83588	1481.5081	-0.59701371	0.100041598
## 328	70.96631	63.53340	151.7475	0.52429026	0.499866694
## 329	62.04501	59.52523	117.8784	0.53784281	0.468791664
## 330	70.05814	57.33840	144.9761	0.53453523	0.490530491
## 346	767.47190	1193.35005	1046.9348	0.65907127	0.532633483
## 347	580.71607	598.16074	584.3880	0.65463817	0.499840140
## 348	763.08931	762.34091	515.3979	0.78361070	0.538872302
## 364	581.26333	534.53861	492.5899	0.46128306	0.610597908
## 365	447.71061	529.62954	397.5267	0.46090394	0.604912341
## 366	728.58680	655.73461	651.9957	0.51174790	0.622685194
## 382	729.55729	789.83212	700.9072	0.44880760	0.752400279
## 383	1258.19211	901.11733	663.0110	0.46030039	0.767508686
## 384	1251.79883	1059.43003	740.6637	0.39570442	0.791626513
## 400	577.96222	713.26492	459.2702	0.50877976	0.576753199
## 401	985.17132	696.03758	847.7556	0.50558758	0.603574812
## 402	826.20206	780.54120	534.4609	0.55124950	0.598302007
## 418	713.30262	920.19372	817.9187	0.30987382	0.769199312
## 419	917.84523	836.74221	940.0933	0.32119736	0.789166093
## 420	896.27705	810.74129	847.4455	0.32894650	0.785902560
## 436	326.53293	371.28858	3314.1787	0.36416003	-0.532935560
## 437	284.48173	308.33877	1082.1826	0.39270407	-0.494627893
## 438	408.50114	358.77012	1299.2104	0.37400380	-0.477537185
## 454	1402.94964	749.35789	2868.8608	0.36323920	-0.491017729
## 455	2037.35178	585.89591	1616.7515	0.35196605	-0.486844599
## 456	905.72717	574.68552	1710.8034	0.48944646	-0.422300279
## 472	101.01648	84.14413	295.5814	0.37905779	-0.438183844
## 473	77.47612	75.18550	268.4478	0.38890183	-0.431441039
## 474	158.74279	189.28990	341.3647	0.41846001	-0.386614382
## 490	663.67746	503.28818	481.9835	0.55719882	-0.497002006
## 491	79.21589	68.97519	384.7671	0.56140804	-0.535937667
## 492	467.27531	486.51728	1008.9682	0.59500235	-0.506406546
## 508	158.70917	214.31667	349.7786	0.37377253	-0.517618775

## 509	114.60818	180.45929	255.2665	0.37115818	-0.524740934
## 510	275.98835	263.82820	616.0407	0.40321445	-0.450296581
## 526	211.20067	319.41666	435.7772	0.37613663	-0.389381468
## 527	319.75253	197.61259	619.2327	0.42830110	-0.399239987
## 528	465.18788	818.27977	1983.1665	0.46327636	-0.376012534
## 544	354.28001	192.94578	379.9581	0.30211034	0.468434066
## 545	1019.12275	873.24600	1077.4561	0.26504964	0.592635512
## 546	1860.27479	1214.50478	1994.2678	0.56603336	0.722243071
## 562	726.48371	529.74773	593.5345	0.24343416	0.562264383
## 563	454.48374	461.82222	477.2355	0.23303923	0.551003754
## 564	1258.94260	1259.76362	1803.7721	0.50954390	0.597167671
## 580	2021.26112	2174.14004	2692.1032	0.36708111	0.559466422
## 581	1332.69440	691.56052	2641.8625	0.30585033	0.534398377
## 582	1148.46435	885.84379	1140.1232	0.36233687	0.639418423
## 598	414.52160	635.85271	302.2798	0.05995709	0.655969679
## 599	1077.24878	1115.68988	3369.0599	0.20146936	0.652875781
## 600	1102.80305	736.74448	1454.8890	0.29763240	0.704503357
## 616	382.11711	321.61269	466.4170	0.36054963	0.497207463
## 617	229.38917	233.62441	519.4748	0.35061362	0.446780622
## 618	554.49164	321.00733	813.4165	0.38430542	0.510814846
## 634	530.93237	698.28455	593.8717	0.33051735	0.554842234
## 635	583.31048	479.01251	3442.0449	0.31668761	0.539290845
## 636	921.95309	837.20741	1839.5863	0.48511240	0.664640009
## 652	81.89780	149.87946	240.7961	0.35643435	-0.650061131
## 653	98.71381	136.01939	114.8256	0.36035058	-0.649236739
## 654	185.45898	356.00332	346.4150	0.40618306	-0.639239013
## 670	139.52033	179.50447	316.3841	0.19121321	-0.444572002
## 671	209.93081	309.90222	409.3742	0.20910764	-0.455375493
## 672	21943.41583	23214.38997	18955.2043	0.27725124	-0.461517930
## 688	241.00789	285.39555	326.0685	0.31248954	-0.486559868
## 689	233.77315	304.30469	564.5694	0.31014350	-0.487353265
## 690	940.58037	1785.25444	571.1101	0.32566482	-0.466809303
## 706	10.23501	17.70948	144.0976	0.31522980	-0.580252826
## 707	11.86967	24.50751	142.0580	0.31565964	-0.580487430
## 708	44.63504	73.87446	198.9385	0.31804469	-0.577550411
## 724	87.50222	97.35423	221.6447	0.36905187	-0.659060717
## 725	104.02350	262.64488	286.6554	0.36996189	-0.648389935
## 726	329.69969	768.47795	285.5112	0.38197103	-0.632349908
## 742	95.90689	148.81477	134.3702	0.43722013	-0.579474628
## 743	55.72124	136.11424	260.0345	0.43633589	-0.579433084
## 744	57.07224	94.38236	195.6262	0.44090265	-0.569122434
## 760	2642.03937	1583.76938	2051.9040	-0.35390237	-0.488172352
## 761	2825.08208	2255.32530	4256.4668	-0.36747625	-0.238843411
## 762	1337.86765	938.05476	1485.6023	-0.36033550	-0.303905010
## 778	2948.24556	1200.97466	5653.0271	-0.12203138	-0.625269890
## 779	1775.55840	2119.73057	3200.8395	0.04548943	-0.582303107
## 780	1397.65739	1249.18170	3066.0051	-0.06945993	-0.355605781
## 796	924.85294	2236.71639	5063.0581	0.49753097	0.437678218
## 797	800.03616	477.85635	2013.7798	0.52251005	0.517588139
## 798	1510.89237	1165.96423	2326.1950	0.60867542	0.614209771
## 814	600.23896	631.00960	1286.0233	0.30996031	0.842835188
## 815	903.03697	860.27889	1331.2433	0.35025504	0.815178394
## 816	1731.37460	1411.58169	1608.8291	0.40238228	0.811025798
## 832	1065.90330	784.41130	1253.3279	0.20022675	0.464785218

## 833	1871.62692	717.83357	3405.6460	0.28512195	0.471318483
## 834	1423.85007	1293.52939	2881.6067	0.29889151	0.585822284
## 850	2181.85321	1480.74997	2601.5064	0.59577918	0.654995143
## 851	690.62932	847.07908	2497.7916	0.52707863	0.671066105
## 852	802.49287	1295.28743	1790.4227	0.63663346	0.676335633
##	max_y_Hand1	max_z_Hand1	max_AVx_Hand1	max_AVy_Hand1	max_AVz_Hand1
## 4	-0.51591361	-0.37080368	0.271519532	0.413470994	0.79334163
## 5	-0.53447860	-0.36609825	0.563110494	0.565189150	0.08574896
## 6	-0.48971516	-0.34813979	0.645748262	0.659454262	0.69099474
## 22	-0.51699358	-0.39942306	0.535385562	0.962665797	0.39376220
## 23	-0.49933600	-0.39085644	1.857401006	1.599369838	1.12336559
## 24	-0.51319069	-0.36513063	1.028653296	1.555407111	2.11716826
## 40	-0.35910359	-0.55644643	0.330552975	0.107962531	0.08849558
## 41	-0.35769051	-0.56298733	0.270849135	0.125941357	0.15175658
## 42	-0.36424008	-0.55886042	0.446820517	0.111527248	0.80346486
## 58	-0.43496943	-0.51928997	0.419228929	0.214344128	0.11215294
## 59	-0.43400654	-0.52262676	0.195158769	0.046238500	0.15202749
## 60	-0.43452671	-0.51653022	0.569941972	0.280348348	0.75768097
## 76	0.49871847	0.36581978	0.476602230	0.433814792	0.14685181
## 77	0.48773429	0.36498213	0.303227506	0.237806480	0.13813361
## 78	0.49904481	0.36627176	1.566702618	0.944151928	0.54791370
## 94	-0.48867896	-0.41141313	0.545917868	0.100719089	0.17727092
## 95	-0.49342650	-0.41114047	0.262019729	0.272470882	0.20343074
## 96	-0.49318066	-0.40462628	0.371947304	0.198709447	0.41353638
## 112	-0.31000984	0.07861397	0.425590294	0.739676720	0.65332461
## 113	-0.30725467	0.06408230	0.615953732	0.459056167	0.75066609
## 114	-0.30284035	0.10954670	0.602679568	1.925877278	1.37234320
## 130	-0.35466510	0.11898796	0.257487500	0.336478447	0.36477807
## 131	-0.35546729	0.11075720	0.317222002	0.210818906	0.24415337
## 132	-0.34732562	0.12329753	0.749786480	0.728666431	0.97165820
## 148	-0.23866397	0.12727387	0.536274618	0.306460363	0.43933359
## 149	-0.24165054	0.12991729	0.391134278	0.336883924	0.41530266
## 150	-0.23899260	0.13458863	0.631383818	0.584569068	1.10536101
## 166	-0.27585855	0.07237407	0.393997624	0.776360394	0.58883249
## 167	-0.27627119	0.07791455	0.529212481	0.690406320	0.63361537
## 168	-0.26809943	0.08506644	0.957275456	0.991249411	1.86480595
## 184	-0.26622128	0.04782490	0.299181747	0.338705718	0.37409194
## 185	-0.26579264	0.04584868	0.225157375	0.163000557	0.37203214
## 186	-0.25155777	0.05083329	0.488880328	0.510539383	0.70860728
## 202	-0.24230333	0.08643018	0.469939238	0.778370629	0.78051864
## 203	-0.22650899	0.09074640	0.737823677	0.749532044	1.36319177
## 204	-0.22187962	0.11256097	0.628783632	0.740794707	0.86588589
## 220	-0.67749310	-0.25569230	0.841502142	0.499311229	0.41910513
## 221	-0.68866742	-0.27094176	0.392064903	0.552333216	0.22626900
## 222	-0.50278103	-0.26026624	1.913546791	2.041859245	1.36636999
## 238	0.63471717	0.50168467	2.230306892	0.530556713	0.55190764
## 239	0.65119386	0.47289178	1.352661291	1.932402923	1.28660847
## 240	0.77814460	0.67024648	2.320664094	3.665566995	2.12459778
## 256	-0.55278510	-0.40549287	1.207850328	1.746177587	0.32494488
## 257	-0.56740308	-0.39686683	0.906816113	0.660303111	1.92749493
## 258	-0.43896991	-0.33357552	1.899819827	2.031189871	2.39427946
## 274	0.56813341	0.55360532	0.378646645	0.502587043	1.28670890
## 275	0.56839335	0.64569134	1.777840458	0.283123935	0.46046788
## 276	0.61121625	0.65659982	1.334758971	1.847176919	1.85834063

## 292	-0.49273944	-0.56333411	0.344239769	0.275732585	0.35805282
## 293	-0.48398173	-0.57748646	1.175937870	1.288319456	0.49924843
## 294	-0.44380623	-0.53280544	1.022721369	0.894918497	1.14456648
## 310	0.51927227	0.61940038	0.891973396	0.294529845	0.80408400
## 311	0.51228821	0.64055616	0.921318843	0.098427228	0.19375023
## 312	0.53117609	0.64564896	1.134590563	0.917433801	1.68228003
## 328	-0.29853588	0.65811098	0.774434270	0.378840387	0.75386901
## 329	-0.28092435	0.67391199	0.744647048	0.403248242	0.58431858
## 330	-0.27664316	0.70174229	2.704661658	1.394125538	0.94332580
## 346	-0.20195460	0.60308987	1.733297622	1.490121409	2.60362394
## 347	-0.14439104	0.63652515	0.434351061	0.680529981	0.65360058
## 348	-0.14304629	0.68577063	1.724284301	1.386140383	1.92438611
## 364	-0.14144662	0.64879245	0.412352322	0.314962823	0.21308395
## 365	-0.14579993	0.65257555	0.466508833	0.457638988	0.65103356
## 366	-0.12755840	0.66187501	1.025877841	0.732929619	1.19849990
## 382	-0.30216080	0.46762264	1.532904663	0.512243103	0.46608679
## 383	-0.24880777	0.47402653	0.777489433	0.771840677	2.64350220
## 384	-0.24661262	0.59514070	2.083306410	1.559347818	1.66785920
## 400	-0.20121211	0.62929273	0.333624145	0.479564188	0.22041902
## 401	-0.19778545	0.62052929	0.666581945	0.679671754	0.47896043
## 402	-0.13472906	0.68425435	0.914875354	1.262902319	1.12082427
## 418	-0.18608505	0.56395555	0.573195561	0.869358495	0.73839443
## 419	-0.15739980	0.57614243	1.540768733	2.035700054	1.49699011
## 420	-0.11271138	0.63295996	1.114326581	2.116506230	1.51503826
## 436	-0.08247341	-0.71532398	0.412652519	0.624256658	1.60592614
## 437	-0.11391844	-0.74702561	0.741136493	0.522697538	3.31398097
## 438	-0.05430021	-0.75527877	0.854211677	0.958677650	2.53395133
## 454	-0.05271955	-0.71579337	1.882681158	1.899469509	1.61847459
## 455	-0.06802241	-0.76185971	0.689315351	1.192957354	1.35602038
## 456	0.02409842	-0.64128488	2.029051682	3.557074216	3.76963839
## 472	-0.10988529	-0.80190039	0.133584351	0.159704941	0.16745955
## 473	-0.10908512	-0.80464613	0.128477282	0.067337330	0.30168239
## 474	-0.09448274	-0.79116142	0.907090442	0.285018560	0.33290975
## 490	-0.07120296	-0.62230343	0.648151332	0.433816342	0.71323425
## 491	-0.06905611	-0.62238568	0.163721365	0.091020981	0.18593784
## 492	-0.06422810	-0.56505305	0.660083108	0.391174310	0.41670793
## 508	0.01678171	-0.76633596	0.105820046	0.117309406	0.19702945
## 509	0.01700675	-0.76398122	0.103141553	0.114724031	0.09807136
## 510	0.04467128	-0.74493301	0.491777745	0.486562509	0.93210682
## 526	-0.13459188	-0.82131386	0.536462563	0.244012738	0.13776110
## 527	-0.14613135	-0.79228479	0.635021035	0.391238902	0.63101721
## 528	-0.10053631	-0.75739187	0.694590569	0.489371735	1.07257065
## 544	-0.07407697	0.90408802	0.614139315	0.241613298	1.62394584
## 545	-0.05705685	0.90184975	2.355530935	3.539901975	2.89785227
## 546	0.34468624	0.86198735	1.765283435	3.135949531	5.32815168
## 562	-0.03389125	0.80766338	0.335154218	0.575212857	0.16770137
## 563	-0.06699221	0.80803263	0.231972817	0.083031758	0.19596681
## 564	0.03805707	0.92412281	2.597642134	3.226729212	3.16138815
## 580	-0.17209503	0.84161288	1.761540937	1.955482547	3.31916245
## 581	-0.14470862	0.87702388	1.015260005	0.667482050	3.55189725
## 582	0.01655460	0.90181577	4.102573283	4.954467852	4.52227385
## 598	-0.14612091	0.74557471	0.058071759	0.140459589	0.33560079
## 599	-0.12704332	0.75366706	0.211337612	0.727370548	0.12175102
## 600	0.11959114	0.82743388	0.901568680	1.483467992	3.47006207

## 616	0.17531638	0.82408571	0.427384614	0.248969306	0.62395875
## 617	0.16937089	0.82430691	0.256554308	0.375091518	0.30857865
## 618	0.16854286	0.82940435	0.725583345	1.159779080	1.02450711
## 634	0.30363640	0.73700476	0.477403430	0.502820476	0.97510889
## 635	0.30178961	0.76636583	0.600793175	0.222600738	0.86950696
## 636	0.33036914	0.82003927	1.367727330	2.695737574	2.19114464
## 652	-0.18940909	-0.63847309	0.220577077	0.106838546	0.03810206
## 653	-0.18623374	-0.63993418	0.245760297	0.092954045	0.07830902
## 654	-0.17830311	-0.51794636	0.551251077	0.459466623	1.55534093
## 670	-0.16148052	-0.85381907	0.081800580	0.255691187	0.17224807
## 671	-0.15531668	-0.83433765	0.221801440	0.494237079	0.14071512
## 672	-0.13525109	-0.68396270	0.751889936	1.305410281	0.94951548
## 688	-0.17247321	-0.78865266	0.411748735	0.337722936	0.43886514
## 689	-0.15071703	-0.79752487	0.365540209	0.123433022	0.31536715
## 690	-0.09783107	-0.75768304	0.696884313	1.041019251	1.56705363
## 706	-0.23060450	-0.71429992	0.009992526	0.008600116	0.07557646
## 707	-0.23131332	-0.71359444	0.003981314	0.005744007	0.06483146
## 708	-0.22781461	-0.71168166	0.076457043	0.084897522	0.23456512
## 724	-0.22326104	-0.61096334	0.094785793	0.043346862	0.04477881
## 725	-0.22294724	-0.61363888	0.177688932	0.240524408	0.08103053
## 726	-0.21372983	-0.61025488	0.558386682	0.352006282	0.52377613
## 742	-0.24265067	-0.63912249	0.088545272	0.061852817	0.09383972
## 743	-0.24225521	-0.64238876	0.096176532	0.029536152	0.04400845
## 744	-0.23657747	-0.64115626	0.130100456	0.074541364	0.13296794
## 760	0.05127222	-0.68907428	1.360631379	1.506963358	1.96205343
## 761	0.15784563	-0.65467888	2.580446143	0.997837586	1.51765201
## 762	0.13433906	-0.58759141	2.954945521	6.202030643	3.02066001
## 778	-0.04176125	-0.67014664	1.441535327	2.791123054	4.41953283
## 779	0.06149616	-0.63336128	2.829008997	8.753599128	15.51452203
## 780	-0.01818937	-0.66873068	1.791974247	3.611500006	12.57034325
## 796	0.26302624	0.79952580	2.449834028	0.355345568	2.15517512
## 797	0.19794182	0.82704437	1.482620185	0.980523013	2.76883918
## 798	0.41707677	0.85214615	2.514984521	3.372410722	14.88094436
## 814	-0.05819441	0.51766264	1.171240345	1.084744950	1.59352457
## 815	-0.12663718	0.54673326	1.663853933	0.668961541	1.85299801
## 816	0.10505286	0.76985484	2.130465877	3.351750540	6.60855715
## 832	0.29094136	0.86081344	0.096431553	0.839469466	1.25087332
## 833	0.30095485	0.88676792	0.852743086	1.977339121	1.97912979
## 834	0.53100508	0.86439317	1.891968178	2.398448426	5.05230595
## 850	0.07628998	0.63648432	0.946900077	0.606425705	1.71577805
## 851	0.02930795	0.61292171	1.135310846	1.337832151	1.73428241
## 852	0.05233472	0.66737401	5.357289126	2.982271630	10.52596457
##	max_AAx_Hand1	max_AAy_Hand1	max_AAz_Hand1	max_AJx_Hand1	max_AJy_Hand1
## 4	29.8830335	33.6728454	86.168465	3965.97947	4675.7692
## 5	12.4858451	20.2519916	7.395605	1233.73892	2111.7236
## 6	33.1740778	30.4449516	23.711127	4015.79685	2850.0023
## 22	45.0755141	35.7962401	21.131628	5164.74126	7469.1537
## 23	78.0626241	97.1082785	54.302872	12696.89362	11932.9687
## 24	31.3963337	52.4720925	107.488482	2736.42502	3450.4954
## 40	6.8159397	3.1583308	10.168132	438.99238	333.4670
## 41	9.1423180	6.3020343	34.823276	528.26213	827.4210
## 42	20.4828253	13.4157489	37.572295	1643.14154	776.8928
## 58	15.3046377	8.3843126	22.521577	1530.77702	476.8147
## 59	5.4976109	2.2434410	15.383849	435.79330	279.1709

## 60	55.2144727	28.8832545	59.409727	5748.90981	3354.4620
## 76	19.5518690	15.7706836	15.593935	2221.36120	1040.2890
## 77	15.2078991	7.6607389	19.584461	1551.73869	608.4914
## 78	328.2784691	278.3912848	55.670504	155886.00116	131862.2538
## 94	24.9507985	7.3856776	11.244533	2126.20856	744.0319
## 95	11.5508323	12.2756589	10.639745	1014.97737	615.0089
## 96	20.8497420	9.4492995	33.827417	2071.56559	965.5632
## 112	16.8859966	21.8055062	23.336917	2090.42262	1357.2593
## 113	20.4209292	41.7384995	25.335129	2196.41024	4916.9843
## 114	62.1429443	77.3314137	73.019570	10141.31904	5181.8954
## 130	14.8752636	24.5645483	43.976491	1338.01061	4252.8296
## 131	10.6771091	10.8737812	13.869854	1080.69774	952.5342
## 132	47.0557531	47.0882733	63.112255	5612.83958	3664.1942
## 148	22.7222957	15.6257175	14.077798	1482.56695	1159.4554
## 149	23.4081873	21.5997664	22.101402	1603.75570	1765.1411
## 150	55.0252601	32.0596630	82.774742	5972.69657	4380.4383
## 166	19.8717983	54.0238278	41.696830	2188.66825	3962.5863
## 167	36.1657220	93.3638411	49.815472	4430.15746	13139.4823
## 168	38.2754591	68.3645594	73.299353	5208.21953	11692.8738
## 184	8.8292185	39.3689542	18.531681	1126.85055	5046.8218
## 185	13.0203062	10.7363191	20.914725	735.78701	1120.6501
## 186	33.8123458	26.0224392	72.800571	3756.62837	3803.3731
## 202	11.9796840	28.5422820	19.385820	1307.07712	1669.4923
## 203	30.1604631	22.6254796	31.899883	2274.47727	2463.9172
## 204	30.9381507	54.0156693	62.081403	2798.44157	9230.7192
## 220	41.9975733	23.3871891	43.814761	4980.32208	4002.7601
## 221	29.4655336	35.8776946	18.383371	2757.87808	2530.0925
## 222	117.1974938	99.2423696	130.912985	15059.22656	7727.8209
## 238	54.2877777	44.2541831	59.575474	10563.58444	6057.5036
## 239	35.1433739	47.4661825	58.976843	4335.22497	4080.9112
## 240	176.8278200	120.1971058	333.927007	20276.51245	10987.3004
## 256	106.5657409	82.6563858	46.229214	20737.02330	12959.8147
## 257	37.7832077	26.6275768	45.877815	2446.86429	6133.5844
## 258	102.9788234	104.2889694	223.670348	13456.96853	8796.1219
## 274	31.0798298	25.5581559	50.928869	4728.39124	1899.8687
## 275	41.2876670	13.4207773	48.096085	3752.47458	1520.7909
## 276	95.2552062	71.0572086	156.406817	29157.85050	21123.0454
## 292	17.7203482	9.1532705	14.858176	2881.76021	1915.0836
## 293	62.1806348	61.9863358	34.422040	4215.93813	4296.7356
## 294	54.1124510	39.2252429	106.605331	8201.85431	6756.7188
## 310	47.2679741	11.8038792	37.711592	3302.20787	2038.1005
## 311	48.5444227	14.7973162	47.245041	4900.15411	1392.2350
## 312	55.2829629	41.9638691	80.937247	11561.14037	5418.5130
## 328	25.8583745	18.3228330	30.114305	1507.57676	2107.9961
## 329	16.3505688	20.3268714	14.188019	1744.95888	1572.8410
## 330	141.4532420	76.7687767	52.781780	8098.77573	4820.1580
## 346	91.2452557	55.1285401	106.234336	5959.28323	4681.2794
## 347	41.4238473	29.1721579	23.458341	2818.96315	1797.3606
## 348	67.8761053	45.3187727	110.347240	7590.97075	4063.4205
## 364	12.7379454	13.2029639	18.305598	1104.37896	802.6544
## 365	19.4842142	15.9982676	12.865132	931.15505	891.3736
## 366	29.4492871	27.3944220	71.535533	2610.52660	3592.8302
## 382	54.9745113	39.5844799	27.702980	3679.88009	3912.6176
## 383	23.2802769	18.2926782	108.840778	1896.91285	1909.0971

## 384	70.6517188	57.8880791	62.685736	7095.21969	3030.3532
## 400	17.3155018	13.8855084	17.637421	1414.23790	1317.8453
## 401	18.3081438	16.5386674	29.621613	1503.54587	1200.1759
## 402	58.9395556	58.5931037	35.150300	6232.22958	4015.7699
## 418	25.0754482	31.5644681	28.800915	3078.41921	3559.6143
## 419	75.6225345	67.5461371	49.667807	4598.00634	4380.1620
## 420	40.7005024	68.2914002	41.962879	2979.99802	6544.1085
## 436	21.4792913	29.2753907	30.193614	1879.62705	1335.3420
## 437	18.3035871	28.2750908	57.308377	1919.81960	1564.9368
## 438	28.7829053	22.4374659	146.283337	3096.03786	2876.9493
## 454	62.3056320	56.3684444	106.322840	4151.05392	4190.3508
## 455	22.6716488	36.0084406	41.711208	2575.40756	3965.5571
## 456	61.4473779	89.9231176	217.237826	5752.16507	5021.9926
## 472	5.9456868	3.1241383	8.259010	545.03740	436.5986
## 473	4.5027369	2.6015071	12.208983	423.03030	177.6829
## 474	20.8484325	11.5624173	24.523381	1951.52298	1006.9528
## 490	21.2357678	8.5061901	27.521615	1230.89754	752.1281
## 491	5.7160357	3.4731484	10.829025	203.44455	254.1578
## 492	33.0578066	10.9375905	33.756449	1684.84821	2363.6095
## 508	4.3230326	5.2270078	16.061299	404.58469	305.7707
## 509	2.8592478	4.5786723	6.275213	193.49876	225.7523
## 510	27.6853867	14.8377379	42.778464	2066.09213	2575.8806
## 526	20.6046125	22.3607680	17.138878	1508.74248	1274.4330
## 527	11.7829093	10.9121668	12.655419	589.82594	519.1403
## 528	23.3521886	13.6370491	34.213439	1838.25608	1271.0874
## 544	19.8823420	27.4884554	33.025875	842.35560	1835.3586
## 545	70.3621926	61.3569516	118.162071	6464.21036	7433.7589
## 546	45.9469893	83.7406566	230.947423	9033.89703	11252.6129
## 562	13.7907693	22.1331806	31.817850	681.11368	1207.8629
## 563	8.4889986	4.4285372	8.196504	565.08631	414.0565
## 564	188.1023960	174.9378354	106.972137	23440.20437	11544.6731
## 580	42.1880318	66.9854543	201.063716	3373.08503	4960.8824
## 581	31.3542583	79.8325038	86.544576	1391.17203	4774.4042
## 582	142.0353654	106.3641395	335.712350	8453.04594	11616.2302
## 598	2.7662257	7.1965053	17.495555	213.53740	490.1953
## 599	31.1949494	22.6723579	20.113155	1652.48138	1240.8335
## 600	49.4709408	91.1906550	92.732603	5651.10575	7468.3138
## 616	11.7997321	14.4072214	22.230685	852.47261	1766.7116
## 617	6.9012513	13.6521509	16.760898	588.49653	847.3009
## 618	17.2135903	44.2586254	35.931861	1706.73786	3203.1529
## 634	21.0272980	17.6688690	41.411225	1978.85239	1406.1377
## 635	16.2808932	15.3669736	23.367099	1554.62658	2066.3029
## 636	125.9024251	79.7336317	58.270823	8360.05519	7589.9475
## 652	6.1702257	3.6796814	3.041116	358.03424	578.5728
## 653	11.1061613	4.9447006	4.196555	879.37543	274.8979
## 654	34.2555428	13.2933173	35.690121	2010.42573	1424.0563
## 670	6.4448601	12.0596496	7.901093	544.13622	697.1875
## 671	12.7494080	10.3170847	7.430467	461.64342	871.8919
## 672	39.3301667	50.5389413	55.397442	4839.62252	9344.3737
## 688	18.7921162	10.1518980	21.135099	2935.25828	992.4176
## 689	13.4923407	5.7607621	11.799013	1563.81620	441.4092
## 690	27.4801725	33.0825622	56.411109	3055.14090	3042.8971
## 706	0.8908670	1.3165589	3.839788	114.50701	104.1939
## 707	0.4046733	0.3382012	4.738965	27.40426	26.6033

## 708	3.2822953	6.6086460	13.618077	413.15398	481.7985
## 724	1.9726074	2.0327494	2.253448	181.44892	205.7668
## 725	8.0774227	5.2988280	5.618723	534.89802	459.3451
## 726	14.9810988	19.8917044	20.484534	1029.33481	1196.8726
## 742	2.0551774	3.2755948	6.758901	194.18672	276.6748
## 743	6.0329727	2.8182994	3.519792	704.08943	500.1174
## 744	5.3599602	4.1603905	8.352281	812.62261	383.5101
## 760	42.8268133	65.7733749	163.864607	5990.97017	7918.8356
## 761	94.0675540	26.4831895	236.656547	5569.29448	2457.4371
## 762	155.5022804	237.9819469	247.376426	8873.80207	10110.6546
## 778	50.0629740	93.1211930	325.063430	4413.90780	5988.7272
## 779	105.7818044	291.6831858	895.534992	10314.90777	16958.6742
## 780	147.3401660	152.6130291	808.543009	14477.78868	12043.0450
## 796	57.9200376	21.5512882	220.733739	2942.77449	2748.1187
## 797	54.0035730	66.5287652	217.771689	6098.25664	3871.8248
## 798	72.7966141	94.3491250	948.294646	4473.89094	8462.6345
## 814	38.1816588	41.1316785	169.354301	1476.16960	6365.9976
## 815	54.9562674	42.6322024	46.768480	2550.85143	2403.8455
## 816	75.5167948	110.7341517	408.126468	7840.67356	8768.3094
## 832	10.1725534	25.5625001	67.765601	1955.64908	1617.0188
## 833	23.3181334	27.3249684	237.456649	1572.20478	2452.1525
## 834	71.0192882	96.6844920	385.796354	6943.30077	23126.8373
## 850	28.2823908	28.9464741	37.825108	1762.56912	1769.3527
## 851	34.7828988	77.6899337	205.257413	3895.94823	5603.5385
## 852	131.6122991	113.1465507	428.220349	8191.76960	5737.9513
##	max_AJz_Hand1	mean_w_Hand1	mean_x_Hand1	mean_y_Hand1	mean_z_Hand1
## 4	11733.4329	0.72642249	-0.22214920	-0.52749058	-0.38025156
## 5	964.5278	0.71544199	-0.23227845	-0.54458714	-0.37077048
## 6	3281.9197	0.74097018	-0.22601349	-0.51085533	-0.37220493
## 22	1728.7185	0.71471060	-0.21463463	-0.52773749	-0.40563908
## 23	4100.1638	0.70351813	-0.18346279	-0.54567576	-0.41177877
## 24	12738.9036	0.72122767	-0.19298505	-0.53865260	-0.38939833
## 40	1468.5767	0.66054929	-0.33629734	-0.37108399	-0.55930261
## 41	3225.9466	0.65485781	-0.33861860	-0.36876040	-0.56601847
## 42	2806.1084	0.64775694	-0.34423678	-0.37262397	-0.56832351
## 58	2180.9787	0.67453048	-0.27942448	-0.44013535	-0.52268175
## 59	1514.5888	0.67473449	-0.27897016	-0.43740075	-0.52495621
## 60	8017.8030	0.66900075	-0.28440492	-0.44445874	-0.52342620
## 76	2042.5780	-0.75093619	0.24915596	0.49193021	0.36331334
## 77	1634.5032	-0.75716843	0.24684787	0.48355779	0.36320322
## 78	7178.1799	-0.75788678	0.24955917	0.48432737	0.35875340
## 94	1397.4609	0.71732061	-0.26332474	-0.49327929	-0.41566051
## 95	1227.1989	0.71539255	-0.26456725	-0.49763313	-0.41299657
## 96	2715.6780	0.71078043	-0.26975824	-0.49999021	-0.41470632
## 112	1722.1462	0.81031419	0.48193294	-0.32683323	0.06461320
## 113	2323.4589	0.81319318	0.48439519	-0.31702119	0.05935737
## 114	6381.5759	0.80720108	0.48499322	-0.32720566	0.07604727
## 130	8075.5878	0.74891061	0.54606347	-0.35836978	0.11181106
## 131	1067.2552	0.74763980	0.54732113	-0.36047284	0.10733804
## 132	8028.2246	0.74741148	0.54603834	-0.36200290	0.10996973
## 148	2044.1141	0.78842661	0.54960388	-0.24648303	0.12465877
## 149	1827.6816	0.78709825	0.54944708	-0.25059758	0.12548879
## 150	12912.0180	0.78527263	0.54831898	-0.25893223	0.12481170
## 166	5953.9476	0.79338913	0.53392640	-0.28538582	0.06257182

## 167	5663.1477	0.79596711	0.52907882	-0.28613492	0.06752261
## 168	10626.2788	0.79155703	0.53542340	-0.28754508	0.06182207
## 184	2410.6671	0.82041996	0.50032514	-0.27351552	0.04167696
## 185	1194.1662	0.82052599	0.50258477	-0.26957695	0.03796626
## 186	11698.8777	0.82243652	0.49918167	-0.27030303	0.03472677
## 202	1254.4009	0.81342321	0.51451231	-0.25985047	0.07706612
## 203	7541.2882	0.81426494	0.51484431	-0.25596582	0.07802841
## 204	6607.7349	0.81626835	0.51506056	-0.24715870	0.08288312
## 220	4567.0140	0.63738518	-0.18961675	-0.68900004	-0.28708966
## 221	2073.8202	0.62633454	-0.20147100	-0.69775261	-0.28289612
## 222	11586.9055	0.57837636	-0.26654153	-0.62050259	-0.44286568
## 238	5073.1906	-0.58428250	0.24329389	0.60862755	0.47711927
## 239	5264.6664	-0.62047204	0.22749661	0.61624703	0.42476098
## 240	52286.9293	-0.55837532	0.14219430	0.65356751	0.47050187
## 256	13554.7092	0.60898385	-0.33514096	-0.57491560	-0.43068731
## 257	3575.6301	0.62119920	-0.28759697	-0.59626652	-0.41722114
## 258	29458.0518	0.61594625	-0.30380050	-0.55828019	-0.45258920
## 274	3310.8368	-0.63485247	0.07091266	0.55816152	0.52925273
## 275	4449.7948	-0.62288447	0.06816083	0.54735757	0.55196145
## 276	48239.5244	-0.62470956	0.07760272	0.56675534	0.52763787
## 292	1836.8338	0.63966895	-0.02736993	-0.50992722	-0.57435220
## 293	3191.2757	0.63336907	-0.02490264	-0.49866159	-0.59079033
## 294	9414.0585	0.63123868	-0.02709017	-0.50154722	-0.58886127
## 310	6653.5046	-0.63491979	0.02989577	0.49818318	0.58915657
## 311	4599.1769	-0.63439968	-0.02304804	0.46749585	0.61371740
## 312	12171.0013	-0.63556574	0.03403676	0.49406357	0.58997459
## 328	1905.2249	0.51292440	0.47571035	-0.32913866	0.63364009
## 329	1761.3069	0.51969646	0.45766626	-0.29205674	0.65939517
## 330	4846.9344	0.50792542	0.45002665	-0.30656591	0.66670817
## 346	7619.6054	0.62457956	0.47098861	-0.24694473	0.56745592
## 347	2021.0965	0.62699424	0.44721184	-0.17249049	0.61328516
## 348	8273.3554	0.60746051	0.44140888	-0.18244523	0.62890504
## 364	1003.7181	0.45000898	0.60008242	-0.15934742	0.64172334
## 365	1464.0938	0.45036731	0.59626542	-0.15527400	0.64603842
## 366	7384.2299	0.47356966	0.59376348	-0.16460464	0.62864886
## 382	1787.5082	0.40963303	0.72452779	-0.32615732	0.44667484
## 383	8271.2063	0.42959165	0.71811554	-0.34013102	0.42536523
## 384	4821.4507	0.32772967	0.73762012	-0.32363078	0.49070743
## 400	943.9454	0.49670831	0.56836739	-0.21576592	0.61926787
## 401	1654.5402	0.48782791	0.58686089	-0.22113143	0.60698261
## 402	3754.6324	0.48094949	0.57374416	-0.20042236	0.63078120
## 418	2145.2867	0.29045111	0.75579606	-0.19871342	0.55192820
## 419	4060.2389	0.27010888	0.76376620	-0.19506237	0.55076828
## 420	4808.4136	0.27047748	0.74058793	-0.20063592	0.57928086
## 436	2871.6895	0.29355679	-0.55880839	-0.11811703	-0.76484745
## 437	5074.1341	0.32662685	-0.52903554	-0.17061346	-0.76272125
## 438	9758.0618	0.26719859	-0.50292180	-0.12174433	-0.81151334
## 454	5184.3398	0.31254912	-0.52474365	-0.18410318	-0.76718994
## 455	3592.2074	0.29348296	-0.52424521	-0.13101915	-0.78589977
## 456	15006.0798	0.23527945	-0.47051729	-0.16501113	-0.82648278
## 472	745.8896	0.37215005	-0.44483517	-0.11224699	-0.80684255
## 473	752.7377	0.38286475	-0.43373066	-0.11268618	-0.80781903
## 474	1951.3789	0.40719989	-0.42034069	-0.11737613	-0.80217551
## 490	1711.3922	0.55199998	-0.52371278	-0.08081230	-0.64347358

## 491	855.7907	0.55834412	-0.54173019	-0.07109909	-0.62426346
## 492	3000.3868	0.55710544	-0.56221447	-0.10252064	-0.60157105
## 508	1168.1704	0.36999634	-0.52192774	0.01347596	-0.76843831
## 509	523.7845	0.36793660	-0.52682914	0.01510604	-0.76605417
## 510	2399.2691	0.34029367	-0.50467091	-0.01083583	-0.79045848
## 526	1406.3141	0.36786180	-0.39868056	-0.14469197	-0.82745250
## 527	667.6472	0.38243556	-0.40779905	-0.15751498	-0.81361739
## 528	1829.2008	0.40455182	-0.40071189	-0.15460019	-0.80610269
## 544	2063.8089	0.20893739	0.39578377	-0.08407805	0.88893481
## 545	8687.4193	0.22134383	0.47991261	-0.08799889	0.83671453
## 546	26505.9101	0.29167937	0.57117255	0.11272711	0.72420505
## 562	2163.9860	0.23345611	0.54802619	-0.05578903	0.80114031
## 563	461.9121	0.21759871	0.54669184	-0.07206451	0.80531034
## 564	7455.0859	0.30822950	0.47650593	-0.12208619	0.80465895
## 580	11919.8909	0.32405557	0.46116667	-0.26181199	0.77806042
## 581	12293.4875	0.24057560	0.43173061	-0.17930941	0.84776851
## 582	26052.4804	0.24887441	0.39324861	-0.21599172	0.84809868
## 598	914.0132	0.05844925	0.65384803	-0.14826375	0.73964574
## 599	1224.2416	0.12441872	0.64153837	-0.13650459	0.74292302
## 600	9869.7140	0.19786027	0.59872704	0.04839192	0.77070267
## 616	1524.7159	0.34476444	0.46849672	0.15900413	0.79697818
## 617	1499.4536	0.33652554	0.43865769	0.16751552	0.81618748
## 618	2780.6268	0.35732109	0.46798957	0.13112381	0.79704538
## 634	2655.1949	0.31072072	0.54526910	0.29008876	0.72221755
## 635	1504.4116	0.28894905	0.52239918	0.28853712	0.74826347
## 636	6840.3948	0.29965147	0.54353292	0.14422786	0.76402404
## 652	262.6368	0.35264817	-0.65411570	-0.19277440	-0.64077640
## 653	309.3655	0.35327935	-0.65317632	-0.19239523	-0.64148496
## 654	2610.6033	0.35521920	-0.66581449	-0.23503549	-0.60819221
## 670	603.9494	0.18917545	-0.45144876	-0.16356649	-0.85652503
## 671	783.6676	0.20189232	-0.47490734	-0.15963785	-0.84145648
## 672	4969.8980	0.22887546	-0.51903263	-0.18491298	-0.79802309
## 688	2774.4413	0.29908116	-0.49792575	-0.17939158	-0.79392129
## 689	919.9851	0.28969099	-0.49807157	-0.16399403	-0.80058274
## 690	5658.8746	0.25378145	-0.50501630	-0.21773866	-0.79222395
## 706	192.2481	0.31441160	-0.58063615	-0.23103151	-0.71458451
## 707	520.6587	0.31502196	-0.58061688	-0.23197351	-0.71402592
## 708	876.9876	0.31545020	-0.57946133	-0.23164873	-0.71487757
## 724	207.8005	0.36746579	-0.66236620	-0.22449394	-0.61305201
## 725	565.0823	0.36680364	-0.65719831	-0.22568467	-0.61852377
## 726	1914.4740	0.36582408	-0.65490214	-0.22623788	-0.62127148
## 742	694.7274	0.43606599	-0.58116492	-0.24350063	-0.64249327
## 743	189.2207	0.43596432	-0.57993324	-0.24292727	-0.64389311
## 744	751.6530	0.43881927	-0.57603122	-0.24155836	-0.64595657
## 760	13288.8691	-0.39499484	-0.55058781	0.01173244	-0.73302503
## 761	18722.7225	-0.57225639	-0.41388664	0.10582703	-0.67866024
## 762	19575.0311	-0.51742900	-0.45641302	0.06582373	-0.71246247
## 778	26692.9209	-0.19803602	-0.67661754	-0.06528121	-0.70413729
## 779	51087.9489	-0.18818002	-0.66015712	-0.08703324	-0.70341824
## 780	69490.9807	-0.23953964	-0.49771937	-0.24523732	-0.78185615
## 796	12924.6142	0.44476031	0.37861414	0.24098609	0.77343578
## 797	10612.6093	0.46660119	0.43024061	0.08452933	0.76286704
## 798	61989.2595	0.20105820	0.47893456	0.25759190	0.77984712
## 814	8798.0143	0.26365775	0.81962210	-0.10825286	0.49436076

## 815	3478.2201	0.29285258	0.79314965	-0.14290092	0.51187146
## 816	44557.8122	0.18146355	0.72450601	-0.06636277	0.64522245
## 832	4701.2412	0.16992822	0.42025466	0.27517622	0.84680572
## 833	18406.8306	0.21762697	0.38645013	0.27923569	0.84811406
## 834	35020.8960	0.06082929	0.45833292	0.39089029	0.78156697
## 850	2992.1793	0.50984637	0.64911573	0.04565125	0.55697203
## 851	13321.3492	0.47964944	0.65573528	-0.03285247	0.58055517
## 852	37152.2183	0.52849106	0.61697012	-0.11308895	0.56422794
##	mean_AVx_Hand1	mean_AVy_Hand1	mean_AVz_Hand1	mean_AAx_Hand1	mean_AAy_Hand1
## 4	-8.165180e-02	-4.282751e-02	2.724576e-02	-1.3307045394	-1.340690710
## 5	4.529304e-02	5.373046e-02	-1.529045e-03	-0.0139392256	0.110153084
## 6	3.137239e-03	6.422193e-03	5.878760e-06	0.0871516801	0.043305057
## 22	-2.145465e-02	-3.216572e-02	3.931272e-02	0.9727837827	1.859526529
## 23	5.018288e-02	-3.940900e-01	5.681521e-02	3.8298845142	1.245652764
## 24	6.895966e-04	2.484222e-02	-5.252717e-03	-0.0985141723	-0.090553437
## 40	4.445142e-02	2.597907e-02	-1.426075e-02	-0.0485061071	-0.044162897
## 41	-3.632980e-02	-2.354394e-02	-3.821603e-02	-0.2935703018	-0.234091221
## 42	-1.868446e-03	-1.679027e-04	3.014388e-04	0.0447678383	0.009646245
## 58	3.678766e-02	1.700493e-02	-1.611822e-02	-0.0146993874	0.025578291
## 59	9.744487e-03	7.534841e-07	-4.229894e-03	-0.1515630985	-0.055011468
## 60	8.814302e-04	1.631194e-03	5.941941e-04	-0.0469496456	0.016074020
## 76	2.460470e-02	2.993724e-02	2.446306e-03	0.5449365404	0.329309985
## 77	-1.321689e-02	-1.016029e-02	1.517780e-04	-1.2565907048	-1.119590130
## 78	-5.648109e-03	-4.845246e-03	2.792978e-03	0.5289212748	0.351876506
## 94	-9.884326e-03	-8.951558e-03	9.012833e-03	-0.1164944605	0.299960110
## 95	-8.354071e-03	-5.525636e-03	1.422466e-04	-0.1087205798	-0.014712604
## 96	7.368525e-04	5.090534e-05	1.110400e-04	0.0019522071	-0.012742053
## 112	7.225600e-03	4.653186e-02	1.702146e-02	-0.6195355231	-0.994354527
## 113	4.039918e-03	-4.032176e-02	-2.538460e-02	-1.1230506620	0.235769184
## 114	-4.774409e-03	-5.371367e-03	-6.844981e-03	0.0203678424	0.062893886
## 130	-8.355805e-03	3.154201e-03	-4.402180e-03	0.1827527008	0.162791877
## 131	2.550154e-02	3.639095e-03	-6.754431e-04	-0.5182334914	0.039996465
## 132	4.372755e-03	4.993419e-03	1.302209e-03	-0.1816970076	-0.166342801
## 148	4.949031e-04	-1.552976e-02	7.643971e-03	0.3702600276	-0.227895716
## 149	-2.948981e-02	2.920292e-04	8.881106e-03	-0.0021345346	-0.575625422
## 150	9.197770e-04	-1.678820e-03	-5.460137e-04	0.1951671160	-0.154970197
## 166	-5.831481e-02	-5.171762e-02	2.245668e-02	-1.3205312722	2.958883261
## 167	7.660028e-03	-3.371169e-02	5.557936e-02	1.5725457148	2.152160158
## 168	4.452278e-03	-3.440479e-03	3.897431e-03	0.1774582346	0.152269093
## 184	1.432193e-02	6.479245e-03	-7.969441e-03	0.0387049872	0.002123838
## 185	2.246487e-02	-9.365724e-04	-5.100323e-03	-0.1250049166	-0.096931331
## 186	-2.957167e-03	-6.985416e-04	-1.872785e-03	-0.0492652625	-0.085076321
## 202	4.729350e-03	-4.138311e-02	4.452563e-02	0.1706894412	0.453595537
## 203	-1.399950e-02	6.738085e-02	-1.874219e-03	0.0838543183	-0.657075014
## 204	-1.501741e-03	-4.328466e-03	3.032919e-03	0.0942567981	-0.109467411
## 220	-9.606145e-03	-7.723419e-02	-6.917421e-02	-1.0655141546	-0.726614456
## 221	-1.254281e-02	3.951782e-03	-6.586140e-02	0.9361268098	0.238908274
## 222	2.343877e-02	-2.981376e-03	-5.556783e-02	0.2060791326	0.026320169
## 238	-3.707224e-02	-2.084031e-01	-4.572684e-02	-2.8262455268	-0.546022184
## 239	2.746995e-01	1.037538e-01	1.324811e-01	-0.9579036221	-0.364463849
## 240	1.115462e-02	-4.684054e-03	-2.651262e-02	0.1398302201	-0.108686632
## 256	-1.934137e-02	1.302313e-01	-1.359494e-01	-0.0887992982	-0.170378817
## 257	1.530102e-02	-1.212401e-01	1.644315e-01	-0.1027851897	-0.450844913
## 258	4.216101e-03	-7.615848e-03	-2.630875e-02	0.0654198671	0.051621335

## 274	-4.192761e-02	-1.645098e-03	4.245567e-02	1.8316059824	0.766453028
## 275	3.043268e-01	-4.298501e-02	-3.285968e-01	1.8013262758	-0.097783201
## 276	-1.713360e-02	3.393697e-03	9.682267e-03	-0.2918446424	-0.012108225
## 292	-4.443753e-02	-4.167700e-03	5.627455e-02	0.4813944788	0.462618017
## 293	9.111264e-03	7.411687e-02	-1.338732e-01	0.8782693934	1.076863468
## 294	4.068609e-03	5.034125e-03	-5.774201e-04	-0.3050241829	-0.560739646
## 310	-5.175677e-03	2.082673e-02	-2.232782e-02	1.4125273969	0.306015835
## 311	3.342292e-01	-1.035531e-01	-7.266001e-02	-0.6386154111	-0.337413713
## 312	-2.265492e-02	1.258738e-02	-5.592724e-03	0.4567905251	0.285985958
## 328	-1.232468e-01	2.597591e-03	3.666415e-02	0.0644810507	0.076579692
## 329	-9.143128e-03	6.458016e-03	7.115279e-02	0.3147440505	-0.261756209
## 330	1.176475e-02	6.851664e-03	-1.242805e-02	-0.1675803782	-0.148138953
## 346	2.419202e-01	2.800443e-01	2.154443e-01	-0.2807198671	0.825708124
## 347	-2.172982e-01	-3.069039e-02	2.880475e-03	0.7136687483	0.218186216
## 348	5.741411e-03	-1.102499e-02	-9.483420e-04	-0.3629069748	0.014942253
## 364	-3.687011e-02	-2.687497e-02	-3.183663e-02	-0.4666394492	-0.309601998
## 365	-7.326159e-03	6.987250e-03	1.881188e-03	0.0772373754	0.200799950
## 366	1.969132e-06	-5.768015e-03	1.127365e-03	-0.1307218172	0.076440622
## 382	-7.671655e-02	3.264678e-02	-2.014120e-01	-0.2170409963	0.040689964
## 383	9.676096e-02	1.408146e-02	3.842299e-01	-0.4911239435	-1.070804148
## 384	1.665148e-02	-8.415612e-03	-1.010078e-02	-0.1068122993	-0.026091082
## 400	-5.187427e-02	4.653784e-02	-2.777444e-02	0.1106649504	-0.734886458
## 401	5.656809e-02	-1.720897e-02	1.682196e-02	0.2519820679	-0.403264849
## 402	-6.077611e-03	-1.166152e-02	9.883772e-03	0.0860857244	0.099870315
## 418	1.287123e-02	-4.729584e-02	1.704838e-02	0.0570621856	1.160884390
## 419	1.738960e-01	1.080948e-01	9.070996e-02	0.4402919784	1.583518705
## 420	-1.160865e-02	8.373837e-03	-1.210852e-02	0.0827666178	-0.072430775
## 436	-1.080749e-01	-1.504153e-01	-2.777795e-01	0.3725385502	0.165165843
## 437	2.695561e-02	-4.077049e-02	2.828052e-01	0.1906873703	0.304924280
## 438	-2.391231e-04	-4.804318e-03	-1.697549e-02	-0.0427927544	-0.051314013
## 454	-2.392227e-01	-3.428387e-01	-1.119736e-02	1.0421300951	2.114233620
## 455	-7.143048e-02	-7.656547e-02	-7.925609e-02	-0.9033419817	-0.745760923
## 456	1.097355e-02	-1.008068e-02	-1.540169e-02	-0.1937800819	0.010425375
## 472	1.361505e-02	-3.332548e-02	-1.011974e-02	0.0924158433	-0.030394495
## 473	1.008411e-02	-1.073706e-02	1.903445e-02	-0.0609352496	0.108214163
## 474	4.232765e-03	1.271460e-03	5.644490e-03	-0.0092084476	0.010068700
## 490	-3.775379e-02	1.263157e-01	5.833212e-02	-0.1611694548	-0.382907200
## 491	2.968990e-02	-8.617570e-03	1.960978e-03	0.0125904969	-0.091850332
## 492	-7.287633e-03	1.557510e-03	4.180586e-03	0.0324845201	-0.009131059
## 508	2.959001e-04	2.955021e-03	-2.364917e-03	0.0383159332	-0.072215390
## 509	6.513112e-03	1.138701e-02	6.219077e-03	0.0353139026	0.057276954
## 510	-1.325279e-02	-1.674585e-02	-1.925781e-02	-0.0017198942	0.016954143
## 526	-2.714237e-04	-4.647709e-02	-2.678558e-02	-0.5006033811	0.602431203
## 527	5.577991e-02	7.700711e-02	1.477047e-01	0.4977753041	-0.029974641
## 528	2.354434e-03	-7.090175e-03	-8.852645e-03	-0.0078626516	-0.012265406
## 544	-2.623996e-02	-2.458598e-01	2.168766e-01	-0.3085041319	0.405889803
## 545	2.864500e-01	4.409413e-01	9.036957e-02	0.2576806364	-2.016251099
## 546	-6.315808e-02	6.492765e-02	-5.933242e-02	-0.0682720413	0.139744283
## 562	3.241596e-02	-3.243582e-02	-8.840570e-02	0.5882103200	0.405424621
## 563	5.456778e-02	-2.870170e-02	3.970450e-02	0.0733962361	-0.294683088
## 564	7.382056e-03	-2.559123e-02	1.204337e-02	0.0747438598	0.159863701
## 580	-8.960932e-02	4.795107e-01	1.442267e-01	0.0828101968	-1.823047271
## 581	-1.062296e-01	-3.373379e-01	2.584054e-01	-0.8043115079	0.881791109
## 582	1.446854e-02	-2.378152e-02	5.643450e-03	0.0159421988	-0.253795072

## 598	-5.249222e-03	-2.372241e-02	8.238055e-03	-0.1667274348	-0.123939506
## 599	-2.307984e-01	6.044374e-02	-2.162551e-01	-0.4724760451	0.217605669
## 600	-1.173961e-02	-7.639422e-03	1.557893e-02	0.0092109490	0.130443710
## 616	5.799983e-03	-1.590351e-01	1.086254e-01	0.0682746236	-0.209188089
## 617	-1.476790e-02	4.127488e-02	-6.104487e-02	0.0928412032	0.309054211
## 618	7.943363e-03	2.435272e-03	-2.188940e-03	-0.0146937011	0.073721519
## 634	-5.403388e-02	8.356625e-02	4.873311e-02	-0.2597184026	-1.028666687
## 635	6.149867e-02	-5.861221e-02	5.681744e-02	-0.3062675118	0.743075772
## 636	3.396404e-02	-9.493569e-03	-1.014886e-02	0.0733932558	-0.148126809
## 652	-6.218443e-03	8.404143e-04	-3.282348e-03	0.2317117002	-0.134876581
## 653	4.096242e-02	-2.865616e-03	2.576123e-03	0.1762771610	-0.149076969
## 654	-1.122643e-02	-3.254986e-03	5.204533e-03	0.1252691302	-0.074800367
## 670	-2.806607e-03	1.498737e-02	1.316120e-03	0.0907224164	-0.192008326
## 671	-2.400758e-03	4.537273e-02	1.264683e-02	0.1913437694	-0.077610002
## 672	-5.362190e-04	-6.442970e-03	-9.008159e-03	0.2476849473	-0.266956896
## 688	3.269603e-02	2.966238e-03	7.926390e-03	1.0501100774	-0.789349710
## 689	6.029799e-03	2.040241e-03	-9.038512e-02	-0.0165253759	-0.096162518
## 690	-2.460288e-02	9.779036e-04	9.773717e-03	-0.0141167325	0.001937831
## 706	-1.975945e-03	-9.072181e-04	-1.688452e-03	-0.0080279570	0.012490551
## 707	-7.595381e-04	9.011819e-04	5.376219e-03	-0.0130845501	0.005353830
## 708	3.699902e-05	-6.271961e-04	3.268362e-04	0.0091907379	0.001082378
## 724	2.277636e-03	-5.554187e-03	1.704293e-03	-0.0791015950	-0.073153827
## 725	-4.274841e-03	-4.145259e-03	1.281558e-03	0.0874212301	-0.026269384
## 726	3.969106e-03	-4.427181e-03	-4.109513e-03	0.0637591702	-0.043996868
## 742	8.877796e-03	-1.155820e-02	-6.035086e-04	-0.0403206166	0.008582116
## 743	5.719277e-03	-4.344694e-03	-3.413247e-03	0.0520700484	0.028080744
## 744	7.944532e-04	-3.298550e-04	5.339493e-04	-0.0001355597	0.001673230
## 760	2.660969e-01	1.966037e-01	-6.487848e-02	-1.6131094831	-1.574716816
## 761	-5.038673e-01	-4.236575e-01	-7.105320e-01	2.4191086272	1.368513446
## 762	-7.860680e-04	9.739787e-03	-7.146862e-03	0.0183934259	0.186361857
## 778	8.716159e-02	7.620979e-02	2.888928e-01	1.7588341516	-0.017693870
## 779	-3.541244e-02	-2.595916e-01	-3.521391e-01	-5.2088522827	-2.716473688
## 780	-1.203151e-02	9.894974e-03	-9.771526e-03	-0.2179282755	0.114512511
## 796	2.761897e-01	-6.675747e-02	-4.377772e-02	2.6342929066	0.339975266
## 797	-1.346150e-01	-5.621675e-02	3.056304e-01	-1.1174687448	1.417878517
## 798	5.306267e-02	1.189176e-02	5.489501e-02	0.0990723813	0.047436800
## 814	-8.916054e-03	1.506151e-02	-7.092831e-02	0.2445802835	-1.649392292
## 815	-2.325628e-02	-1.257331e-01	1.094473e-01	0.8661507709	-0.221921728
## 816	3.066011e-03	-2.420378e-02	2.426579e-02	-0.0539206805	-0.173352562
## 832	-1.104045e-01	-1.258801e-01	-1.846514e-02	0.3040255499	-0.385503291
## 833	2.285742e-02	1.113275e-01	-8.358440e-02	-0.5618319134	-0.411602986
## 834	-1.024305e-02	2.385000e-02	-6.920051e-03	-0.0794323355	0.037065675
## 850	1.360033e-01	-6.859246e-02	4.022838e-01	-0.2900380357	0.759302469
## 851	7.150008e-02	-6.488357e-02	-2.755324e-01	1.2904773664	-0.075967323
## 852	5.696236e-03	-1.132982e-02	-2.436613e-02	-0.2117022151	-0.056096468
##	mean_AAz_Hand1	mean_AJx_Hand1	mean_AJy_Hand1	mean_AJz_Hand1	std_w_Hand1
## 4	1.024436299	-49.4637452	-93.15920288	-58.53933349	0.0052130149
## 5	-0.246765895	-31.7680889	-36.87909247	-7.53897918	0.0066815622
## 6	0.032090000	-4.0547013	-1.94245860	2.47714999	0.0089670294
## 22	-0.286957412	53.8463918	214.43373858	-61.65703414	0.0033801249
## 23	1.077251939	293.0182310	330.01765690	43.67760957	0.0287938509
## 24	0.109006007	-2.7558298	-26.63420079	8.98741223	0.0147777770
## 40	-0.028192668	5.5437281	-0.84978576	14.58354803	0.0030161073
## 41	-0.463411271	-25.8390418	-18.66377462	-57.78054780	0.0074252843

## 42	0.005412339	4.5215998	1.11800204	-8.99688651	0.0053285681
## 58	0.741595231	-41.5534984	-10.52087195	66.94281497	0.0012360044
## 59	-0.102403523	-11.7236499	-4.91027632	7.94523265	0.0010550112
## 60	0.173251538	-49.7876838	-24.93026561	-27.67173893	0.0022935745
## 76	-0.070141193	-13.0944229	-42.38019556	-25.10504735	0.0025751734
## 77	0.057692704	-52.3442840	-50.98579979	6.53576876	0.0022634254
## 78	0.183827239	272.7884449	225.91674664	10.28909082	0.0035350719
## 94	-0.027627406	-18.9133224	13.90810919	-0.59082315	0.0014155578
## 95	0.011679202	1.6135247	-4.23627452	5.85675881	0.0017262078
## 96	0.065498252	-7.3793433	-4.20945059	3.71259564	0.0023989296
## 112	0.833461755	-28.0373699	-102.80386893	-41.12785373	0.0029321530
## 113	1.210873421	-129.9891991	97.82822899	108.47124071	0.0020735327
## 114	-0.125475850	18.2212993	20.96573673	-37.03688424	0.0069377243
## 130	0.180064613	1.6207012	-24.60573519	37.97493881	0.0010847775
## 131	0.841471644	-20.5742530	13.57106803	39.74335442	0.0014298082
## 132	-0.387077260	-28.3684902	-29.00032043	-8.68062934	0.0024595568
## 148	-0.132644089	-2.0932658	20.76390322	-18.26894148	0.0023558006
## 149	-0.333118315	48.6277967	-29.89375112	-8.13847301	0.0026916354
## 150	0.076454162	1.1122527	-9.22458893	24.76020562	0.0026706165
## 166	0.271478491	-19.3122864	240.77591262	96.72059514	0.0023548394
## 167	-1.184773340	44.2743203	299.13049790	-231.39932578	0.0017305148
## 168	0.153423264	9.4920473	23.01278957	28.19845002	0.0052960627
## 184	0.730010853	7.4590812	-18.00137542	69.13832731	0.0018631784
## 185	0.073003221	-23.8594944	17.29382974	23.31568955	0.0020906685
## 186	0.245091298	2.1100962	-6.66868940	34.55708473	0.0040991524
## 202	-0.025644229	-19.5127154	17.34154095	-26.98657715	0.0050629054
## 203	-0.602711780	21.8286951	-85.40539048	19.33907794	0.0070515734
## 204	0.143070392	6.1109270	-0.71277249	4.58275816	0.0070607059
## 220	1.536068202	43.7599741	46.65140789	84.04600893	0.0124577690
## 221	-0.776338612	50.1722352	-27.44874386	0.41050732	0.0080953189
## 222	0.075324542	25.3608752	-15.02501664	15.79043825	0.0312385937
## 238	0.516510827	-36.9874206	-41.60610777	81.22464624	0.0200590274
## 239	-0.049543424	-202.0146650	-7.41246566	-12.57257339	0.0320904845
## 240	-0.264993456	35.2940973	-62.58150388	-9.17583695	0.0500554055
## 256	-1.295880124	318.3883195	-157.45957753	162.47250897	0.0057864655
## 257	-0.103989122	7.5635178	104.14475544	-184.80389619	0.0057704139
## 258	0.678738735	33.1145946	7.93182526	62.71766401	0.0209081709
## 274	-0.809096071	51.3743174	-10.75142330	-133.83287288	0.0080405394
## 275	-1.325678819	-143.5403116	15.03469323	164.58780904	0.0251642931
## 276	-0.334096498	30.5708810	44.84219133	35.74637163	0.0236348734
## 292	-0.090327380	62.7031992	36.57364152	-32.46681866	0.0047237780
## 293	-0.795507201	19.9167809	-70.06282909	-34.03316168	0.0088450521
## 294	-0.122632145	-48.1969056	-51.70359658	10.77173100	0.0289875800
## 310	-0.842657891	-62.2903173	-0.35855876	140.50877282	0.0097652874
## 311	-0.562838372	-160.0859766	53.95495626	36.33691519	0.0078866135
## 312	0.466361299	5.3001874	5.33994990	30.93443752	0.0140405682
## 328	-1.361321848	4.4885311	-15.13750359	-22.58951286	0.0053699520
## 329	-0.556803795	21.0961812	-32.17287981	-54.41684705	0.0114165243
## 330	0.011311814	-51.9254475	-24.09576024	25.17626276	0.0104346503
## 346	2.259289909	-73.2677535	-135.19428729	-50.14492766	0.0318971691
## 347	-0.764794625	25.2003322	-3.74978208	-42.71136259	0.0123662622
## 348	0.195802293	-20.8220178	-12.09221355	0.85652249	0.0526362893
## 364	0.331974274	-20.5180875	-0.77896521	25.08366128	0.0080627223
## 365	-0.102762594	2.5922765	29.71372953	-5.05115549	0.0079338477

## 366	-0.095642601	-9.5535093	-1.36919956	-37.53637166	0.0206845667
## 382	0.658482567	-24.5409013	16.72614379	50.78086428	0.0269833459
## 383	1.078539864	-40.2760410	-10.58486548	-74.33214619	0.0260421599
## 384	0.135854447	-13.7346019	-0.61016136	10.41765797	0.0241118540
## 400	0.084850295	-10.7020247	-45.03891627	33.85898128	0.0095613354
## 401	0.001100108	20.6849946	17.75213192	23.02183575	0.0091436554
## 402	-0.067041159	3.5476888	11.18058204	-3.17039225	0.0224370980
## 418	-0.295233331	-5.0425303	73.43379479	-32.71304203	0.0119677234
## 419	-0.268424823	-126.5284185	-179.98964648	-145.29055596	0.0380469369
## 420	-0.198720931	-5.3502541	-29.65156699	-5.54712329	0.0330457667
## 436	1.166353274	31.1221877	34.12856973	23.58659506	0.0407161800
## 437	-1.759944265	-11.3556111	13.05403796	-161.29764016	0.0409514585
## 438	-0.220442250	0.9998319	-0.29269810	2.94452859	0.0374683222
## 454	-4.014829090	-21.4887488	60.02138999	-303.30930648	0.0349073332
## 455	1.345260674	-26.1150981	-37.36513056	68.22632186	0.0447688551
## 456	0.094500408	-5.1519347	6.06126753	4.60683977	0.0719390578
## 472	0.365433224	5.0896710	-0.59258940	14.66842885	0.0037326189
## 473	0.073915673	-0.1863296	5.15635909	-6.28451595	0.0036986171
## 474	0.023903589	-4.2928098	-0.38113836	-3.22544616	0.0067796911
## 490	-0.252937538	-0.3157453	-39.81259282	-40.77465658	0.0033120645
## 491	0.181664320	-6.6897448	1.95267941	0.83649891	0.0024239206
## 492	-0.007005729	-4.0342791	3.08705276	11.36437185	0.0114397006
## 508	-0.408833020	4.7718600	0.89294898	-21.92386548	0.0020246779
## 509	0.299349481	-4.0611213	-6.23631246	15.09647857	0.0012709551
## 510	-0.114733190	1.8319345	8.03365484	-13.20293491	0.0395949257
## 526	0.303927464	-34.7697328	49.88705926	41.22384539	0.0057032989
## 527	0.196035937	-19.6886981	-8.60925165	-17.39479073	0.0204662636
## 528	-0.070253161	-1.7912951	-0.47743382	-0.08268419	0.0281123591
## 544	-0.562466357	10.1633748	38.05696524	-10.75318112	0.0275218981
## 545	0.785516940	-52.1050640	-268.43856853	115.75731605	0.0436843279
## 546	-0.272673375	0.4486743	0.07153942	9.99690171	0.1430711703
## 562	0.234634784	2.3256025	-43.23479914	66.30218774	0.0076725721
## 563	-0.102459210	-5.7321930	6.36576772	-12.01423133	0.0064887329
## 564	-0.082320495	18.0237277	6.65955840	-16.81750600	0.0833902233
## 580	4.464490046	66.5290793	-79.87599986	133.98516679	0.0336411118
## 581	-3.782094789	-23.2352725	79.81912260	-373.08364372	0.0276783629
## 582	-0.038600291	-15.3862446	18.35318949	-56.19063126	0.0466607366
## 598	-0.182264959	-1.5098002	9.57301224	-30.36119942	0.0008664585
## 599	0.007906981	37.1926129	-51.54339026	48.31670218	0.0476833447
## 600	-0.082848729	9.3690732	22.99960273	-2.50370012	0.0452377970
## 616	0.359141826	-3.8061667	22.77993410	-17.60512782	0.0111622659
## 617	0.143797484	-19.1661282	-36.90691892	34.46340585	0.0079866413
## 618	0.068981010	-5.8430358	4.84775738	5.94396778	0.0114037652
## 634	0.429437773	-7.9877370	-69.25024007	-21.47847171	0.0093067949
## 635	-1.243885671	4.0518398	33.39907374	-72.33151896	0.0153951287
## 636	-0.159307222	10.4985945	-10.96598879	-4.90775632	0.0592816387
## 652	-0.122185315	5.0485513	-0.84444236	-1.37688834	0.0023828265
## 653	-0.009927141	-22.2678233	-7.48543612	-3.03798222	0.0043443922
## 654	-0.122425245	5.2286732	-0.75809362	-12.51929749	0.0137236983
## 670	-0.205867735	15.2725293	-26.26838492	-26.95170417	0.0010365383
## 671	0.341120201	0.8260181	6.19180696	32.54396062	0.0058173824
## 672	-0.035011110	9.5693783	-7.38613753	2.64878043	0.0323491495
## 688	1.271732219	60.3388401	-53.35657675	57.92750596	0.0074192179
## 689	-0.422962417	0.9052200	-6.33918076	6.60694273	0.0113640012

## 690	0.130879362	8.7276674	2.33652039	5.62078093	0.0457687402
## 706	0.013698397	1.7171090	1.26539233	0.75025559	0.0005701166
## 707	0.025906536	-0.1975016	0.03111852	4.26167512	0.0004817674
## 708	0.023252641	0.2755880	1.56271985	1.25253558	0.0009504536
## 724	-0.032856042	-6.7002446	7.34348842	-2.89624409	0.0013547286
## 725	0.295375149	4.5380086	-0.45773709	16.72040089	0.0017366508
## 726	-0.023569508	-2.6357931	-0.01686484	2.90631019	0.0034880432
## 742	0.037023672	0.6886611	3.17967030	8.85615355	0.0004877010
## 743	-0.116903905	1.0670566	7.22237037	-8.53395785	0.0002363519
## 744	0.023363512	-0.4350086	-0.09383320	0.17742450	0.0011051262
## 760	-4.830755473	42.2514943	72.67038097	-94.43360576	0.0312101273
## 761	-2.492004281	-5.8761839	47.36074311	16.27347796	0.1124854647
## 762	-0.707960914	-5.7495840	-42.80312269	-44.80986109	0.0715919579
## 778	4.946021386	-8.4408031	-11.50996485	385.86854161	0.0379843874
## 779	8.412586438	-339.1694889	-443.61836910	162.64692982	0.1241412879
## 780	0.851728566	5.0295273	-17.48509508	165.45088087	0.1046863060
## 796	1.449804086	2.6200096	24.36591792	89.78763786	0.0322836946
## 797	-0.358989160	119.1886056	90.07483561	-121.55469508	0.0505660919
## 798	0.640566481	-29.2963588	16.78373948	-15.34776020	0.2031452809
## 814	-1.520171425	-0.8645835	3.54372846	-224.06616209	0.0318523669
## 815	0.289626275	-6.3732671	3.95905055	-17.65316757	0.0367841256
## 816	0.687353113	-9.9640220	-14.56007066	42.66924775	0.0905407720
## 832	0.451520375	37.6274584	-3.85096854	35.62318084	0.0247273429
## 833	2.704422634	10.3757288	5.46919815	195.04901096	0.0368138285
## 834	0.829006638	-3.2912819	14.51187858	85.96138950	0.1150741302
## 850	-5.484172961	-10.1921184	22.70100817	-488.13039627	0.0589424559
## 851	1.528329300	63.8084364	46.97268062	416.39221195	0.0315087555
## 852	-0.268538238	-4.8576537	0.94454027	27.34044211	0.0592753932
##	std_x_Hand1	std_y_Hand1	std_z_Hand1	std_AVx_Hand1	std_AVy_Hand1
## 4	0.0041159870	0.0080778424	0.0039581367	0.19846202	0.183170938
## 5	0.0027697143	0.0093597555	0.0025729559	0.18171892	0.217951779
## 6	0.0076302895	0.0146235104	0.0044190455	0.13632881	0.136391860
## 22	0.0028911495	0.0057189016	0.0044489396	0.29256216	0.328214001
## 23	0.0417443823	0.0337696208	0.0212392433	0.76769038	0.796196869
## 24	0.0102327641	0.0168170552	0.0143204785	0.19014820	0.242896147
## 40	0.0022163063	0.0062223363	0.0021035640	0.09206192	0.039758532
## 41	0.0048356939	0.0076904935	0.0016619643	0.12441664	0.062205796
## 42	0.0034753748	0.0033915373	0.0044616598	0.09785661	0.034107938
## 58	0.0012515776	0.0029391009	0.0019740294	0.12162981	0.062911325
## 59	0.0013206602	0.0024124721	0.0014736008	0.07643865	0.026783676
## 60	0.0021772601	0.0037231544	0.0030780010	0.09348305	0.041888238
## 76	0.0013008379	0.0038534961	0.0012511283	0.17511912	0.149781263
## 77	0.0018096542	0.0029364051	0.0008668911	0.13502909	0.095503701
## 78	0.0022355639	0.0047366778	0.0033210285	0.25639755	0.213923504
## 94	0.0018051947	0.0023158978	0.0016615789	0.16918547	0.061484399
## 95	0.0012793926	0.0025789295	0.0013579069	0.12316884	0.088220219
## 96	0.0033484665	0.0033795475	0.0046762025	0.08566149	0.045100356
## 112	0.0028336240	0.0082153339	0.0074431121	0.18171902	0.233137807
## 113	0.0038108168	0.0048112203	0.0034019475	0.18676854	0.272705028
## 114	0.0060204371	0.0084002636	0.0143849330	0.19765646	0.278243609
## 130	0.0019778721	0.0017689724	0.0030219898	0.14831374	0.157710591
## 131	0.0016813924	0.0020954033	0.0018040898	0.11470937	0.109711351
## 132	0.0037658585	0.0048229559	0.0059533350	0.19152901	0.173757046
## 148	0.0025832880	0.0034458286	0.0013262979	0.21312181	0.147444429

## 149	0.0026552479	0.0045461477	0.0018656405	0.20828369	0.204662171
## 150	0.0026778572	0.0067025165	0.0031985104	0.19338626	0.188971021
## 166	0.0039246975	0.0062952736	0.0061171044	0.25246067	0.449203277
## 167	0.0038741871	0.0057087580	0.0055300898	0.20856867	0.458706865
## 168	0.0072761587	0.0075051059	0.0108726306	0.22694908	0.323376154
## 184	0.0025365320	0.0041847818	0.0033981675	0.13143365	0.173842720
## 185	0.0031609796	0.0019344833	0.0038814180	0.10749564	0.082062277
## 186	0.0040646563	0.0074354821	0.0076038239	0.11826819	0.148373426
## 202	0.0055697182	0.0084016237	0.0058626788	0.21909947	0.331383431
## 203	0.0059153950	0.0137147765	0.0058476049	0.31363121	0.297751727
## 204	0.0069076668	0.0080276845	0.0173288067	0.17913884	0.265072855
## 220	0.0089690683	0.0060360752	0.0196259805	0.27131875	0.259992599
## 221	0.0080954955	0.0055817273	0.0082516240	0.23450034	0.241255007
## 222	0.0416562297	0.0531434447	0.0881365634	0.48752156	0.353902361
## 238	0.0154314837	0.0240213931	0.0127007723	0.84158632	0.591816526
## 239	0.0234819622	0.0214066871	0.0332191691	0.73944209	0.598972086
## 240	0.0721093288	0.0716991187	0.0816035005	0.73766044	0.508925457
## 256	0.0156129702	0.0199907473	0.0117978457	0.49466838	0.539450244
## 257	0.0355129830	0.0192699416	0.0127718110	0.39084726	0.381712690
## 258	0.0608367071	0.0665945797	0.0569812695	0.47206347	0.403677290
## 274	0.0028719764	0.0054305561	0.0135648513	0.31710377	0.201896830
## 275	0.0048260510	0.0196480484	0.0461466711	0.44587737	0.121213044
## 276	0.0305739619	0.0294947827	0.0417804268	0.42198702	0.395139787
## 292	0.0029741110	0.0065555515	0.0098828949	0.24216982	0.111951043
## 293	0.0141913126	0.0123523932	0.0102710818	0.37715943	0.348982799
## 294	0.0127320640	0.0276403462	0.0270951898	0.33442483	0.224800539
## 310	0.0052213838	0.0125507892	0.0205987343	0.39340457	0.099040792
## 311	0.0291535705	0.0209637820	0.0221464587	0.25030502	0.163614517
## 312	0.0385448927	0.0204617316	0.0251310289	0.34290208	0.188815229
## 328	0.0140053198	0.0172626305	0.0164451523	0.42395494	0.259521479
## 329	0.0070858686	0.0090290019	0.0101961877	0.36946356	0.205495221
## 330	0.0210602644	0.0119644718	0.0176481505	0.38659599	0.227684916
## 346	0.0549929814	0.0273934888	0.0197929949	0.66988786	0.360350686
## 347	0.0184094761	0.0178809627	0.0147522247	0.36291341	0.295353081
## 348	0.0320880612	0.0163830727	0.0573168352	0.44345251	0.221464725
## 364	0.0066798853	0.0086614584	0.0035137199	0.20046968	0.169532429
## 365	0.0058637084	0.0067130440	0.0047188303	0.16073758	0.179978127
## 366	0.0139936645	0.0109736158	0.0118302270	0.19748703	0.168201078
## 382	0.0163809124	0.0155250108	0.0125220251	0.61018849	0.363208256
## 383	0.0220617628	0.0419451525	0.0167409890	0.37407343	0.346477331
## 384	0.0255129371	0.0216236940	0.0358361517	0.46690912	0.432433068
## 400	0.0035976094	0.0082196388	0.0049068418	0.22447854	0.187723136
## 401	0.0086189090	0.0091132067	0.0075334178	0.32320317	0.225306845
## 402	0.0111434187	0.0221638299	0.0182962099	0.31544175	0.261687776
## 418	0.0064390876	0.0066053284	0.0087310096	0.36941888	0.351489556
## 419	0.0164204706	0.0208717296	0.0142702403	0.39523562	0.662132844
## 420	0.0178130870	0.0281082983	0.0188420177	0.32162336	0.521408947
## 436	0.0167343464	0.0210592105	0.0169914658	0.26111189	0.235536626
## 437	0.0192086974	0.0216449607	0.0111420876	0.27304617	0.311037366
## 438	0.0170480418	0.0192871935	0.0153682410	0.23261142	0.199516057
## 454	0.0251344511	0.0470882385	0.0225967248	0.81351673	1.057102085
## 455	0.0217388568	0.0370747066	0.0217463425	0.61263543	0.726160719
## 456	0.0514082401	0.0454423048	0.0556174553	0.37286425	0.435033512
## 472	0.0035670563	0.0013575720	0.0019899035	0.06294185	0.072173148

## 473	0.0012495289	0.0019412453	0.0020195808	0.05250315	0.024379381
## 474	0.0097324324	0.0085296202	0.0051226387	0.11272739	0.081661550
## 490	0.0148029464	0.0045628316	0.0137907801	0.24475138	0.121077699
## 491	0.0030533256	0.0020348513	0.0011983745	0.04180848	0.035255901
## 492	0.0197400724	0.0157487316	0.0195869120	0.18160067	0.107952854
## 508	0.0024750420	0.0017100587	0.0015172504	0.04097325	0.055506032
## 509	0.0016089372	0.0011914995	0.0010353458	0.03409733	0.036177126
## 510	0.0309482256	0.0315866352	0.0324015809	0.11784174	0.111339075
## 526	0.0059563125	0.0057065649	0.0045024119	0.22413393	0.178098664
## 527	0.0047742569	0.0083604684	0.0127237414	0.21349407	0.081188491
## 528	0.0168289230	0.0242562631	0.0201669777	0.19575275	0.133526577
## 544	0.0329562959	0.0103397769	0.0229177550	0.19881128	0.380695328
## 545	0.0889420084	0.0266983346	0.0510241641	0.96915277	1.379363488
## 546	0.0768329841	0.1140305304	0.1105231199	0.54820141	0.646984319
## 562	0.0064036685	0.0111345446	0.0028735203	0.11360731	0.210169001
## 563	0.0019090753	0.0031520922	0.0025462862	0.06858783	0.055571395
## 564	0.0658839674	0.0485965169	0.0438758199	0.73302044	0.778495570
## 580	0.0560484940	0.0589794599	0.0287874946	0.72322795	0.852028733
## 581	0.0482447026	0.0238588056	0.0363564832	0.46172985	0.870798252
## 582	0.0986530372	0.0505111824	0.0553375627	0.69278924	0.853205749
## 598	0.0019566005	0.0008516770	0.0018443314	0.03635822	0.086799673
## 599	0.0052331828	0.0077856174	0.0082653932	0.26304887	0.301935111
## 600	0.0440061451	0.0306842496	0.0337329754	0.28516686	0.370358464
## 616	0.0241579736	0.0112112647	0.0196209727	0.18272566	0.233520467
## 617	0.0040977941	0.0014501943	0.0051310782	0.09312236	0.138175049
## 618	0.0185465677	0.0136122709	0.0132167720	0.16138984	0.224164036
## 634	0.0071042733	0.0130502291	0.0092382563	0.27056842	0.225314356
## 635	0.0059903953	0.0075786262	0.0116221461	0.25513031	0.181007786
## 636	0.0384311625	0.0647277188	0.0329024418	0.48515704	0.502125348
## 652	0.0019720316	0.0020496084	0.0014825966	0.08211441	0.051313377
## 653	0.0022755938	0.0033738910	0.0009679365	0.06884802	0.034469366
## 654	0.0230076447	0.0489179020	0.0476372059	0.16253566	0.106482815
## 670	0.0035471293	0.0010900928	0.0017604424	0.04087791	0.143194013
## 671	0.0096853798	0.0021930787	0.0063741179	0.08484604	0.171935609
## 672	0.0559593813	0.0250055310	0.0489472422	0.20873506	0.285806170
## 688	0.0064564899	0.0050065303	0.0029711369	0.19201063	0.139316373
## 689	0.0057073732	0.0039463619	0.0019450426	0.19582763	0.083900181
## 690	0.0136681698	0.0499545012	0.0275040987	0.24422210	0.185393868
## 706	0.0002298889	0.0002005508	0.0001389355	0.00513668	0.006945729
## 707	0.0001028204	0.0003963033	0.0002692497	0.00265615	0.002090466
## 708	0.0006955465	0.0015204663	0.0009950379	0.01995907	0.017788339
## 724	0.0020677881	0.0007774716	0.0017645346	0.03682812	0.026895746
## 725	0.0043734071	0.0015226117	0.0040895164	0.08225096	0.096289166
## 726	0.0067522063	0.0040568075	0.0063315206	0.11825642	0.103068015
## 742	0.0014277932	0.0004501252	0.0011345505	0.02527159	0.029254243
## 743	0.0003826889	0.0004638054	0.0004654404	0.02821163	0.016891604
## 744	0.0025757032	0.0016672042	0.0021851413	0.02486184	0.018366208
## 760	0.0414716845	0.0192829913	0.0192469517	0.70737375	0.842969834
## 761	0.1288334562	0.0249338295	0.0134926048	1.21426480	0.456415088
## 762	0.0656669816	0.0305320712	0.0408502258	0.81570411	0.756316350
## 778	0.0234453361	0.0254920797	0.0177879505	0.44270675	0.872983380
## 779	0.0321340163	0.0992011153	0.0264288825	1.61745006	2.151205331
## 780	0.0608074624	0.0876853614	0.0338838448	0.56737658	0.671418716
## 796	0.0218280791	0.0247881840	0.0220230075	0.70937721	0.207669446

##	797	0.0425138378	0.0478893974	0.0398312761	0.79611468	0.752903859
##	798	0.0544242413	0.0956836655	0.0488606984	0.54873762	0.567460101
##	814	0.0105108810	0.0371596983	0.0119785505	0.41611873	0.492867531
##	815	0.0126594579	0.0096469369	0.0341963052	0.55670663	0.420087502
##	816	0.0485615582	0.0681667325	0.0792394861	0.60299548	0.703082360
##	832	0.0299333493	0.0101707324	0.0115765148	0.13188110	0.393697445
##	833	0.0642735376	0.0125468861	0.0224497808	0.35619220	0.945574807
##	834	0.0590460588	0.0605683358	0.0472056891	0.52738560	0.723076966
##	850	0.0037396015	0.0253774560	0.0489840067	0.34055226	0.243673350
##	851	0.0090239407	0.0209976266	0.0186948465	0.53355256	0.474502029
##	852	0.0301787408	0.0548129141	0.0385859924	0.51393405	0.373878330
##		std_AVz_Hand1	std_AAx_Hand1	std_AAy_Hand1	std_AAz_Hand1	std_AJx_Hand1
##	4	0.15587495	11.1524477	9.9632700	16.088213	1150.66373
##	5	0.05302616	5.2536415	7.2970972	3.331552	548.39308
##	6	0.08048981	5.9482231	5.2735463	4.484067	548.30268
##	22	0.14979404	11.7445444	15.1904367	8.038943	1313.27399
##	23	0.33887807	33.2336762	33.7962076	20.620231	3722.52677
##	24	0.21146560	6.8565530	8.1455379	11.084620	586.10808
##	40	0.05968556	2.9193337	1.4991896	3.817277	204.71034
##	41	0.15437560	4.0951250	2.6616741	12.367909	342.00054
##	42	0.10303215	3.3272489	1.8618314	5.923376	249.22734
##	58	0.07398825	5.6739578	3.0929333	4.587155	489.28356
##	59	0.09223775	2.4788999	1.2436876	4.387216	165.38046
##	60	0.09849372	5.3182406	2.7590754	6.373443	1372.14450
##	76	0.06175081	7.2190951	6.2212868	4.191444	657.12360
##	77	0.05057572	7.2670236	4.9100965	4.864517	597.73253
##	78	0.10329441	21.9738464	18.3850210	6.869019	7004.76790
##	94	0.04449633	7.8626144	2.7231517	3.098829	598.80603
##	95	0.05949556	5.9266218	3.5775904	3.532334	434.86573
##	96	0.07034135	3.8199760	2.0982759	4.829157	326.74994
##	112	0.27506797	9.1136028	9.5730096	11.090038	850.10020
##	113	0.22179400	9.2420303	11.8785187	10.285927	1121.20808
##	114	0.26949934	9.2132957	10.3476983	13.947486	884.92994
##	130	0.20321507	6.0461971	8.9468962	13.079009	442.72572
##	131	0.11436061	4.9818028	4.6375060	5.966438	407.38823
##	132	0.21655944	8.4884389	8.7731992	11.852395	786.89803
##	148	0.15605353	8.2528818	6.9073490	7.885535	640.69579
##	149	0.16928413	8.9829328	8.6701882	8.113845	639.52997
##	150	0.24870420	8.9956022	8.9077022	13.600001	799.62794
##	166	0.23993655	9.9268096	17.0832187	13.734195	910.53414
##	167	0.24382199	13.1839945	22.7237262	17.613756	1366.36781
##	168	0.30738813	9.3350538	12.8817197	14.805842	882.57271
##	184	0.16970672	4.1500468	9.6864113	8.099838	431.40088
##	185	0.14989166	3.7534309	4.3450884	7.206895	358.67002
##	186	0.17703689	5.3871559	6.3771933	9.298545	495.13056
##	202	0.26776704	6.3321785	10.6666093	8.578178	416.79941
##	203	0.46190032	10.1908041	12.5831483	21.222632	742.54564
##	204	0.28080914	7.9065801	11.3332051	13.101240	639.78368
##	220	0.28309599	11.2839108	11.2795423	12.604909	1220.85163
##	221	0.14726231	8.9253830	9.4803191	7.190893	828.85986
##	222	0.42490826	16.3502406	13.1743969	15.889219	1528.29409
##	238	0.32517699	29.6120648	18.7981116	16.452178	3170.45823
##	239	0.58286718	23.8681882	20.4278776	21.327549	2032.91638
##	240	0.71949206	24.0030807	17.6610061	27.655199	2336.05638

## 256	0.35327845	31.0777564	31.4498162	18.122192	3782.13094
## 257	0.50903397	12.8508713	12.7213360	14.012227	973.81098
## 258	0.60236276	16.1215076	13.5549915	21.873043	1416.77310
## 274	0.42528615	10.0666884	7.9800739	16.149634	986.67224
## 275	0.40015753	16.5483424	5.5657984	16.016638	1489.03871
## 276	0.48781124	14.5209574	12.6218755	20.783940	1783.35311
## 292	0.11213687	6.9777486	4.4940508	5.735583	689.53009
## 293	0.23213423	14.4409728	12.6024606	9.851131	1691.92172
## 294	0.26509274	11.2519618	8.6959326	13.527418	1216.15136
## 310	0.37671304	12.7182000	4.3458196	16.227746	1289.13483
## 311	0.20042129	11.9185238	5.3037559	12.576559	1409.63987
## 312	0.30553500	10.8606941	6.3792486	12.061915	1160.41696
## 328	0.30378764	12.2064894	8.3933179	12.261323	637.45483
## 329	0.25921424	10.6219273	8.3625305	8.436513	678.74164
## 330	0.27373160	13.7755368	8.9436534	9.530652	1469.88616
## 346	0.80034306	25.5753839	17.5238107	32.636546	2300.21834
## 347	0.36267566	17.0238573	10.6819570	12.607062	1217.59791
## 348	0.46066765	18.1053028	10.2116814	16.239788	1327.94860
## 364	0.13335158	5.9843270	5.8578410	6.018808	394.00758
## 365	0.21833779	5.3126037	6.4214603	6.739163	324.50495
## 366	0.24392665	7.0032376	6.6799551	10.790175	569.91985
## 382	0.28694312	19.6537613	13.2031524	10.054847	1403.51425
## 383	0.80782624	11.0025811	10.4355383	25.327424	722.34217
## 384	0.33016432	14.4777118	13.5448448	10.697394	985.90639
## 400	0.16661943	8.4049723	8.2359715	6.603181	473.19330
## 401	0.28650820	10.8308910	9.0749044	9.424258	617.91748
## 402	0.28523797	10.4735857	9.6281092	8.952465	762.51943
## 418	0.37629247	11.3338870	13.9515658	11.294576	829.39502
## 419	0.56947535	15.9010869	23.0180730	19.995069	1667.74663
## 420	0.39094132	11.1626220	17.3720937	13.188480	796.86278
## 436	0.91640217	8.9699424	8.6849745	19.190783	676.64831
## 437	1.13693897	8.7019140	7.0820511	25.393828	573.10804
## 438	0.61470369	6.1772993	5.1950320	18.827603	451.99581
## 454	0.59888355	20.7078237	18.7643657	31.839724	1564.45018
## 455	0.53146530	11.9873863	15.2998380	16.678160	890.25893
## 456	0.57083280	9.1963374	9.8455186	19.119873	627.89184
## 472	0.09705664	1.7971495	1.7476020	2.941501	145.97467
## 473	0.09434348	1.7798987	0.9777072	3.442035	140.65815
## 474	0.09187945	2.9346950	2.1910489	3.734199	229.82788
## 490	0.22142944	7.8954179	4.6930999	9.199077	570.71723
## 491	0.07876551	1.6552784	1.1886650	3.720067	106.70643
## 492	0.12751162	4.7746398	2.8803959	5.880168	357.61805
## 508	0.09336028	1.5477767	2.0551287	4.901495	122.69096
## 509	0.04413018	1.1368528	1.4948364	2.637143	77.89549
## 510	0.16929201	3.2446227	3.0807186	5.787531	263.79346
## 526	0.12229933	7.8356348	6.1235490	5.061010	598.16886
## 527	0.15713264	5.0608269	3.4296821	5.224546	318.07143
## 528	0.18886993	5.1584011	3.8089812	6.090400	396.01782
## 544	0.55541094	6.3414799	9.8893268	12.080598	459.38309
## 545	0.84485920	24.4210444	37.6955557	36.054486	1581.98186
## 546	0.94795165	11.2283826	15.1177233	28.648787	886.62763
## 562	0.18987683	4.6455358	9.1790351	7.719024	312.49088
## 563	0.07748454	1.9275197	2.0172339	2.902299	139.90817
## 564	0.71100550	18.4358191	19.8793918	20.416427	1478.75245

## 580	0.81961207	18.7226456	25.3501823	41.414731	1251.83845
## 581	0.73813879	13.7418751	21.8397625	35.359904	795.57481
## 582	0.55864063	15.8489317	19.6696996	26.446510	1406.48171
## 598	0.09208138	1.3089097	3.5732630	5.086787	82.49049
## 599	0.19703181	9.2171545	9.8767829	7.442053	623.50967
## 600	0.44455642	8.3985469	11.4919623	12.852898	697.53529
## 616	0.26818663	5.2537945	7.9490112	9.395255	355.88984
## 617	0.15343734	3.3756809	5.2756513	6.311831	298.83910
## 618	0.22609026	4.8125235	7.1921668	7.607398	336.19440
## 634	0.40878265	10.1396691	8.8806867	14.483890	847.53040
## 635	0.35748360	7.4558501	5.9983801	9.385890	564.70252
## 636	0.54724920	12.5175102	15.4738280	16.361660	957.24987
## 652	0.02798310	2.3268768	1.6187457	1.346777	148.80031
## 653	0.03301830	2.7601620	1.6395286	1.682010	269.62998
## 654	0.19253343	4.4899774	3.2771187	5.619910	312.29008
## 670	0.06366608	2.3140410	5.1908585	3.887452	179.68780
## 671	0.08868641	3.5647543	4.4729747	3.462673	235.18534
## 672	0.16946347	7.0894225	8.6881262	6.659444	681.39884
## 688	0.18697912	5.0763244	5.6506491	7.263425	584.84877
## 689	0.20417185	5.6357658	2.7262463	4.744810	400.34715
## 690	0.27525163	6.1654703	5.4748068	8.352050	481.10799
## 706	0.01963079	0.3090252	0.3851959	1.096341	26.87353
## 707	0.01827442	0.1476857	0.1250572	1.251628	12.08291
## 708	0.02856277	0.8315711	0.8526682	1.671000	67.89802
## 724	0.02240938	1.1789669	1.1390219	1.225255	90.30335
## 725	0.03662502	3.1060489	2.6689671	1.824016	200.08315
## 726	0.07322799	3.3138965	2.9488960	3.260430	233.44743
## 742	0.02982651	1.0762474	1.1825987	2.031254	76.37682
## 743	0.02279354	1.6699057	0.9834284	1.433617	174.25455
## 744	0.02427601	1.0876690	0.7939087	1.343972	84.77660
## 760	0.92225498	20.8421713	23.0100874	56.592050	1683.14119
## 761	1.26416776	27.4299706	11.3074255	66.518306	2346.59638
## 762	0.74405484	21.8873433	21.9599935	38.708141	1728.63798
## 778	0.85735787	15.9118331	29.3769441	54.244845	1117.41310
## 779	4.32385693	50.2077819	77.5030565	221.361117	4224.14173
## 780	1.39453062	15.7426542	19.3881862	79.027263	1233.36558
## 796	1.12713037	16.2245580	6.6806747	59.253119	1108.59671
## 797	1.24341752	20.9312879	19.8380577	60.959093	1627.81539
## 798	1.84544452	13.0552251	13.9579927	104.318793	1072.21617
## 814	1.14292894	8.9969163	18.7127725	44.083376	663.97046
## 815	0.59711806	14.3216182	11.0091420	19.495482	990.26250
## 816	1.14367392	16.3586473	20.2277210	53.220830	1269.31327
## 832	0.31268557	4.2926246	8.4044443	14.003401	413.27569
## 833	1.26497385	7.7703288	16.0113388	67.939591	549.02011
## 834	0.92303042	14.8147371	18.2693555	43.726874	1120.23696
## 850	0.74763639	7.6467717	7.1626651	37.151619	615.03147
## 851	1.21513784	16.1949053	17.5958193	50.012215	1016.32579
## 852	1.15048650	14.1815305	10.3647719	53.984161	835.35051
##	std_AJy_Hand1	std_AJz_Hand1			
## 4	1135.642103	2119.65576			
## 5	819.998059	375.28545			
## 6	461.158083	430.24249			
## 22	1580.492600	892.80308			
## 23	3463.355210	2017.19363			

## 24	746.011727	1091.74486
## 40	120.991749	382.56545
## 41	289.337069	1516.45066
## 42	152.402791	521.36444
## 58	277.847210	418.98009
## 59	98.597447	371.35868
## 60	494.403800	1067.07653
## 76	562.450098	470.14629
## 77	455.490054	517.47171
## 78	5942.512575	769.43687
## 94	216.868382	357.68913
## 95	288.931010	322.94050
## 96	175.779434	458.18053
## 112	863.911806	836.59529
## 113	1187.078974	846.94230
## 114	948.388890	1287.64914
## 130	867.704251	1476.68250
## 131	399.208108	454.72378
## 132	851.014020	1157.87554
## 148	584.803334	653.38742
## 149	681.440813	628.83468
## 150	786.378263	1355.50225
## 166	1324.620128	1502.79079
## 167	2597.755013	2127.13382
## 168	1252.927847	1494.23549
## 184	1069.891474	776.71636
## 185	339.085113	598.11049
## 186	575.609185	917.53370
## 202	706.562424	653.92777
## 203	979.436032	1690.74356
## 204	1005.837659	1109.16261
## 220	1140.667590	1188.29936
## 221	891.789171	686.45920
## 222	1272.923038	1539.65227
## 238	1785.952298	1448.50422
## 239	1853.666857	1744.96222
## 240	1809.072766	3432.98703
## 256	4222.902736	2458.65240
## 257	1149.793810	1469.98572
## 258	1335.288658	2322.68871
## 274	855.685723	1924.30941
## 275	476.740788	1482.01839
## 276	1492.684634	2836.40732
## 292	464.785810	657.29599
## 293	1635.616469	799.76018
## 294	1006.128729	1571.91629
## 310	475.248116	1604.17244
## 311	430.344538	1398.39244
## 312	664.705651	1246.54865
## 328	590.063635	846.25075
## 329	730.391203	622.35624
## 330	765.894095	765.20927
## 346	1871.393552	3240.71823
## 347	869.327477	915.99063

## 348	845.824849	1274.90022
## 364	385.003855	414.46155
## 365	439.047122	518.10883
## 366	520.894718	1198.18449
## 382	982.174245	619.79778
## 383	664.076666	2185.01519
## 384	930.175031	775.36192
## 400	555.621253	443.65429
## 401	508.459313	559.82280
## 402	677.945059	661.59195
## 418	1011.931032	1004.23796
## 419	2304.567658	1766.28032
## 420	1270.679456	1020.21438
## 436	589.529834	1473.16536
## 437	474.261240	1790.80405
## 438	384.871975	1540.90429
## 454	1211.711363	2717.22174
## 455	1168.055045	1247.96237
## 456	673.375459	1503.00950
## 472	142.578116	215.72044
## 473	70.241172	356.54525
## 474	163.220712	297.05202
## 490	364.897365	723.89116
## 491	83.221564	278.29043
## 492	223.779335	480.16152
## 508	147.419980	404.63841
## 509	112.265890	231.04902
## 510	272.356611	498.11130
## 526	409.022900	398.22681
## 527	244.744835	351.34594
## 528	264.364915	476.34198
## 544	673.878212	894.92686
## 545	2677.534832	2912.21285
## 546	1187.913830	2316.34070
## 562	712.336357	638.33260
## 563	128.829619	210.11920
## 564	1394.418864	1621.50557
## 580	1588.091103	2797.63443
## 581	1435.693681	3724.22597
## 582	1442.197097	2386.87667
## 598	216.236488	362.74459
## 599	704.841820	483.85729
## 600	871.820890	1126.46182
## 616	523.943704	682.89452
## 617	424.636050	532.17317
## 618	486.498322	543.70521
## 634	643.870355	1160.94044
## 635	457.469434	716.10657
## 636	1204.696581	1341.65465
## 652	131.604198	110.86181
## 653	152.577485	135.86399
## 654	217.135089	469.04202
## 670	380.452441	308.30753
## 671	277.156792	287.74141

## 672	889.603949	635.64440
## 688	514.660232	688.95197
## 689	178.840724	341.78823
## 690	421.347024	746.98919
## 706	32.035298	84.94280
## 707	9.263977	130.64438
## 708	70.469856	139.29696
## 724	74.138738	95.70568
## 725	169.920065	142.29631
## 726	209.111322	275.01703
## 742	89.808429	192.57568
## 743	98.322216	137.32391
## 744	59.809544	106.78403
## 760	2086.600572	5162.87509
## 761	860.898399	6090.27055
## 762	2140.763121	3365.54398
## 778	2126.082030	4514.57618
## 779	6820.217586	18037.44006
## 780	1551.312258	6936.53019
## 796	576.263786	4168.44872
## 797	1449.551290	5018.92850
## 798	1199.914863	9101.18345
## 814	1562.454317	3687.24315
## 815	708.595139	1527.49325
## 816	1379.861077	4479.59261
## 832	737.504413	1225.26702
## 833	1169.740662	6089.19786
## 834	1652.475224	3777.92167
## 850	501.736558	3293.32323
## 851	1298.296452	4343.10224
## 852	765.490022	4436.46370

Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Cmd+Option+I*.

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Cmd+Shift+K* to preview the HTML file).

The preview shows you a rendered HTML copy of the contents of the editor. Consequently, unlike *Knit*, *Preview* does not run any R code chunks. Instead, the output of the chunk when it was last run in the editor is displayed.