PROJET S3

OUATTARA & NAIDATI

19/10/2020

library(knitr)

## Warning: package 'knitr' was built under R version 3.6.3

##importation des donnesq  
p2018=read.csv("D:/PROJET S3/parcousup2018.csv",sep = ";",header = TRUE, dec = ".")  
p2019=read.csv("D:/PROJET S3/parcousup2019.csv",sep = ";",header = TRUE,dec = ".")  
par=read.csv("D:/PROJET S3/par2019.csv",sep = ";",header = TRUE, dec = ".")

##tableau de travai des donnes de 2018  
variable2018= data.frame(p2018$Capacité.de.l.établissement.par.formation,p2018$Effectif.total.des.candidats.pour.une.formation,p2018$Effectif.total.des.candidats.en.phase.principale,p2018$Dont.effectif.des.candidates.admises )  
variable2018[is.na(variable2018)]=0  
donnes2018=aggregate(variable2018,by=list(p2018[,3],p2018$Région.de.l.établissement,p2018$Filière.de.formation),sum,na.rm=TRUE)  
donnes2018[is.na(donnes2018)]=0  
colnames(donnes2018)=c("etabissement", "region", "filiere", "Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")  
#table(p2018$Région.de.l.établissement)  
  
###Capa\_fin =Capacité de l’établissement par formation  
###Voe\_tot=Effectif total des candidats pour une formation  
### Nb\_voe\_pp= Effectif des candidats en phase principale  
###Acc\_tot\_f Dont effectif des candidates admises  
re=data.frame(p2018[,3])  
dim(variable2018)

## [1] 8514 4

dim(p2018)

## [1] 8514 85

summary(donnes2018$etabissement)

## Lycée Marie Curie   
## 19   
## Lycée Blaise Pascal   
## 12   
## Lycée Gustave Eiffel   
## 12   
## Lycée Jean Monnet   
## 12   
## Lycée Jeanne D'Arc   
## 11   
## Lycée Jean Perrin   
## 10   
## Lycée Jean Rostand   
## 10   
## Lycée Notre Dame   
## 10   
## Lycée Carnot   
## 9   
## Lycée Condorcet   
## 9   
## Lycée Fenelon   
## 9   
## Lycée Aristide Briand   
## 8   
## Lycée Stanislas   
## 8   
## Université Angers   
## 8   
## Université de Pau et des Pays de l'Adour   
## 8   
## Institut Catholique de Lyon   
## 7   
## Lycée Bellevue   
## 7   
## Lycée Camille Claudel   
## 7   
## Lycée Edouard Branly   
## 7   
## Lycée Francois Rabelais   
## 7   
## Lycée Jean Moulin   
## 7   
## Lycée Le Corbusier   
## 7   
## Lycée Saint-Joseph   
## 7   
## Lycée Saint Joseph   
## 7   
## Lycée Victor Hugo   
## 7   
## Université Clermont Auvergne   
## 7   
## Université de Cergy-Pontoise   
## 7   
## Université de Mulhouse   
## 7   
## Aix-Marseille Université - Site de Marseille   
## 6   
## Aix Marseille Université - site d'Aix-en-Provence   
## 6   
## Lycée Albert Schweitzer   
## 6   
## Lycée Alfred Kastler   
## 6   
## Lycée Auguste Renoir   
## 6   
## Lycée Chaptal   
## 6   
## Lycée Charles De Gaulle   
## 6   
## Lycée Descartes   
## 6   
## Lycée Georges Brassens   
## 6   
## Lycée Jean Mermoz   
## 6   
## Lycée Jules Ferry   
## 6   
## Lycée Louis Armand   
## 6   
## Lycée Louis Pasteur   
## 6   
## Lycée Louise Michel   
## 6   
## Lycée Rive Gauche   
## 6   
## Lycée Robert Doisneau   
## 6   
## Lycée Vauban   
## 6   
## Université d'Avignon et des pays de Vaucluse   
## 6   
## Université de Bordeaux - Bordeaux Métropole   
## 6   
## Université de Bretagne Sud - Site de Lorient   
## 6   
## Université de Franche-Comté - Site de Besançon   
## 6   
## Université de La Rochelle   
## 6   
## Université de Nantes   
## 6   
## Université de Strasbourg   
## 6   
## Universite Jean Monnet, Saint-Etienne   
## 6   
## Centre scolaire Notre-Dame (ex l'Espérance- St Joseph)   
## 5   
## Facultés libres de l'ouest UCO - Angers   
## 5   
## ICES - Institut Catholique de Vendée   
## 5   
## Lycée Andre Malraux   
## 5   
## Lycée Charles Peguy   
## 5   
## Lycée Colbert   
## 5   
## Lycée des Métiers - Hotelier   
## 5   
## Lycée du Gué-à-Tresmes   
## 5   
## Lycée Emmanuel d'Alzon   
## 5   
## Lycée Georges De La Tour   
## 5   
## Lycée Hemingway - De La Camargue   
## 5   
## Lycée Jacques Prevert   
## 5   
## Lycée Jean Guehenno   
## 5   
## Lycée Leonard De Vinci   
## 5   
## Lycée Maurice Genevoix   
## 5   
## Lycée polyvalent de Cachan   
## 5   
## Lycée Saliège   
## 5   
## Lycée Voltaire   
## 5   
## Université d'Amiens   
## 5   
## Université de Brest   
## 5   
## Université de Bretagne Sud - Site de Vannes   
## 5   
## Université de Corte   
## 5   
## Université de La Réunion - Saint Denis   
## 5   
## Université de Lille - Campus Pont de Bois - Villeneuve d'Ascq   
## 5   
## Université de Limoges   
## 5   
## Université de Lorraine - Site de Nancy   
## 5   
## Université de Nîmes   
## 5   
## Université de Perpignan Via Domitia   
## 5   
## Université de Poitiers   
## 5   
## Université de Reims Champagne-Ardenne   
## 5   
## Université de Rennes 1   
## 5   
## Université des Antilles - Pôle Martinique   
## 5   
## UNIVERSITE GRENOBLE ALPES   
## 5   
## Université Paris Diderot - Paris 7   
## 5   
## Centre Universitaire de Mayotte   
## 4   
## CNED   
## 4   
## E.S.AA.T.   
## 4   
## ECOLE NATIONALE SUPERIEURE A.A-MET.D'ART.   
## 4   
## GAMBETTA CARNOT   
## 4   
## Institut des Métiers du Notariat   
## 4   
## Institut Supérieur Saint-Denis   
## 4   
## Institution des Chartreux   
## 4   
## Lycée Albert Camus   
## 4   
## Lycée André Malraux   
## 4   
## Lycée Antonin Artaud   
## 4   
## Lycée Baimbridge   
## 4   
## (Other)   
## 3531

##tableau de travai des donnes de 2019  
ve=data.frame(par[,5:8])  
donnes2019=aggregate(ve, list(par$X.tablissement,par$Statut,par$R.gion.de.l..tablissement,par$FiliŠre.de.formation),sum)  
donnes2019[is.na(donnes2019)]=0  
colnames(donnes2019)=c("etabissement","statut", "region", "filiere", "Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")  
###Capa\_fin =Capacité de l’établissement par formation  
###Voe\_tot=Effectif total des candidats pour une formation  
### Nb\_voe\_pp= Effectif des candidats en phase principale  
###Acc\_tot\_f Dont effectif des candidates admises

###etude de statistique univarie

##Tableau des statistiques simples des donnes 2018  
minimum=apply(donnes2018[,4:7],2,min)  
maximum=apply(donnes2018[,4:7],2,max)  
q1=function(x) return(quantile(x,0.25))  
q3=function(x) return(quantile(x,0.75))  
quartile1=apply(donnes2018[,4:7],2,q1)  
quartile3=apply(donnes2018[,4:7],2,q3)  
skewness=function(x)  
{  
n=length(x)  
moy=mean(x)  
etype=sd(x)\*sqrt((n-1)/n)  
return(mean((x-moy)^3)/(etype^3))  
}  
asymetrie=apply(donnes2018[,4:7],2,skewness)  
mediane=apply(donnes2018[,4:7],2,median)  
moyenne=apply(donnes2018[,4:7],2,mean)  
n=nrow(donnes2018[,4:7])  
ecartype=apply(donnes2018[,4:7],2,sd)\*sqrt((n-1)/n)  
kable(round(rbind(observations=n,minimum,maximum,quartile1,mediane,quartile3,moyenne,ecartype,asymetrie),digits=1))

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| observations | 4145.0 | 4145.0 | 4145.0 | 4145.0 |
| minimum | 1.0 | 2.0 | 0.0 | 0.0 |
| maximum | 5780.0 | 59239.0 | 57659.0 | 2581.0 |
| quartile1 | 26.0 | 208.0 | 185.0 | 6.0 |
| mediane | 45.0 | 472.0 | 445.0 | 17.0 |
| quartile3 | 96.0 | 1201.0 | 1156.0 | 39.0 |
| moyenne | 129.3 | 1520.1 | 1456.6 | 57.5 |
| ecartype | 347.3 | 3494.6 | 3423.4 | 172.6 |
| asymetrie | 7.7 | 6.1 | 6.2 | 7.3 |

##Tableau des statistiques simples des donnes 2019  
minimum=apply(donnes2019[,5:8],2,min)  
maximum=apply(donnes2019[,5:8],2,max)  
q1=function(x) return(quantile(x,0.25))  
q3=function(x) return(quantile(x,0.75))  
quartile1=apply(donnes2019[,5:8],2,q1)  
quartile3=apply(donnes2019[,5:8],2,q3)  
skewness=function(x)  
{  
n=length(x)  
moy=mean(x)  
etype=sd(x)\*sqrt((n-1)/n)  
return(mean((x-moy)^3)/(etype^3))  
}  
asymetrie=apply(donnes2019[,5:8],2,skewness)  
mediane=apply(donnes2019[,5:8],2,median)  
moyenne=apply(donnes2019[,5:8],2,mean)  
n=nrow(donnes2019[,5:8])  
ecartype=apply(donnes2019[,5:8],2,sd)\*sqrt((n-1)/n)  
kable(round(rbind(observations=n,minimum,maximum,quartile1,mediane,quartile3,moyenne,ecartype,asymetrie),digits=1))

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| observations | 5218.0 | 5218.0 | 5218.0 | 5218.0 |
| minimum | 0.0 | 0.0 | 0.0 | 0.0 |
| maximum | 10325.0 | 79502.0 | 76221.0 | 49240.0 |
| quartile1 | 30.0 | 227.0 | 204.0 | 72.0 |
| mediane | 48.0 | 584.5 | 550.5 | 261.0 |
| quartile3 | 99.0 | 1766.2 | 1697.0 | 847.8 |
| moyenne | 137.7 | 1731.3 | 1655.3 | 977.8 |
| ecartype | 393.6 | 3422.6 | 3284.7 | 2143.2 |
| asymetrie | 9.4 | 6.8 | 6.7 | 6.5 |

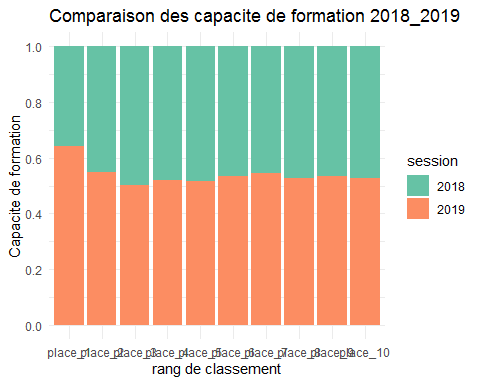
#capacite  
  
extr18=data.frame(donnes2018[,-c(2:3)])  
extr18$session=2018  
cap8=order(extr18$Capa\_fin , decreasing = TRUE)  
cap18=data.frame(extr18[cap8,])  
cap18=cap18[1:10,]  
cap18$rang=c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10")  
  
extr19=data.frame(donnes2019[,-c(2:4)])  
extr19$session=2019  
cap9=order(extr19$Capa\_fin , decreasing = TRUE)  
cap19=data.frame(extr19[cap9,])  
cap19=cap19[1:10,]  
cap19$rang=c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10")  
#cap19$rang=c("1\_place","2\_place","3\_place","4\_place","5\_place","6\_place","7\_place","8\_place","9\_place","10\_place")  
capacite=rbind(cap18,cap19)  
capacite=data.frame(capacite$rang,capacite$etabissement,capacite$Capa\_fin,capacite$session)  
colnames(capacite)=c("rang","etabissement","Capa\_fin","session")  
capacite$session=as.factor(capacite$session);levels(capacite$session)

## [1] "2018" "2019"

capacite[, "rang"] <- factor(capacite[, "rang"] , levels =c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10"))  
  
library(ggplot2)

## Warning: package 'ggplot2' was built under R version 3.6.3

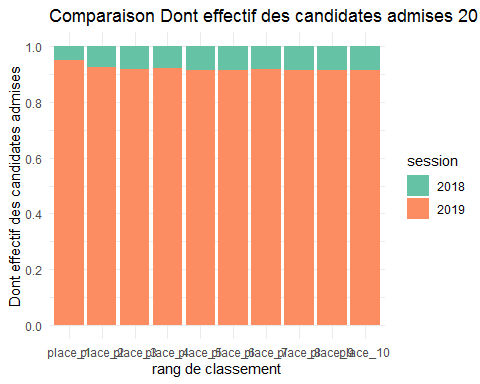
ggplot(capacite, aes(x =rang, y =Capa\_fin, fill =session)) +   
 geom\_bar(stat = "identity", position = "fill") +  
 scale\_y\_continuous(breaks = seq(0, 1, .2)) +  
 scale\_fill\_brewer(palette = "Set2") +  
 labs(y = "Capacite de formation",fill = "session", x = "rang de classement",title = "Comparaison des capacite de formation 2018\_2019") +  
 theme\_minimal()

 #GRAPHE DES COMPARAISONS

#effectif total des candidata  
  
extr18=data.frame(donnes2018[,-c(2:3)])  
extr18$session=2018  
Voe8=order(extr18$Pct\_f , decreasing = TRUE)  
Voe18=data.frame(extr18[Voe8,])  
Voe18=Voe18[1:10,]  
Voe18$rang=c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10")  
  
extr19=data.frame(donnes2019[,-c(2:4)])  
extr19$session=2019  
Voe9=order(extr19$Pct\_f , decreasing = TRUE)  
Voe19=data.frame(extr19[Voe9,])  
Voe19=Voe19[1:10,]  
Voe19$rang=c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10")  
#cap19$rang=c("1\_place","2\_place","3\_place","4\_place","5\_place","6\_place","7\_place","8\_place","9\_place","10\_place")  
effectif=rbind(Voe18,Voe19)  
effectif=data.frame(effectif$rang,effectif$etabissement,effectif$Pct\_f,effectif$session)  
colnames(effectif)=c("rang","etabissement","Pct\_f","session")  
effectif$session=as.factor(effectif$session);levels(effectif$session)

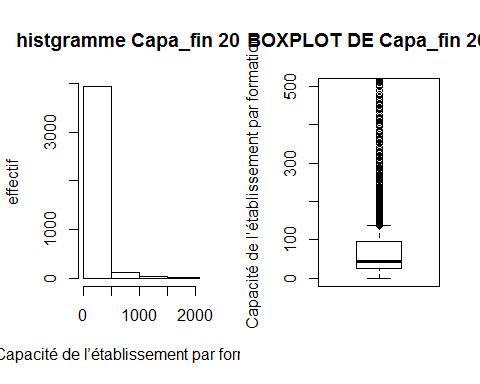
## [1] "2018" "2019"

effectif[, "rang"] <- factor(effectif[, "rang"] , levels =c("place\_1","place\_2","place\_3","place\_4","place\_5","place\_6","place\_7","place\_8","place\_9","place\_10"))  
  
library(ggplot2)  
  
ggplot(effectif, aes(x =rang, y =Pct\_f, fill =session)) +   
 geom\_bar(stat = "identity", position = "fill") +  
 scale\_y\_continuous(breaks = seq(0, 1, .2)) +  
 scale\_fill\_brewer(palette = "Set2") +  
 labs(y = "Dont effectif des candidates admises",fill = "session", x = "rang de classement",title = "Comparaison Dont effectif des candidates admises 2018\_2019") +  
 theme\_minimal()



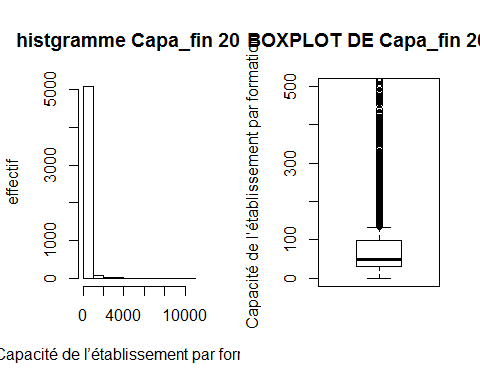
#ETUDE SUR LES VARIABLES QUANTITATIVES

##graphique Capacité de l’établissement par formation de 2018  
par(mfcol=c(1,2))  
hist(donnes2018$Capa\_fin,,main = "histgramme Capa\_fin 2018",xlab = "Capacité de l’établissement par formation",ylab = "effectif",xlim=c(0,2000))  
boxplot(donnes2018$Capa\_fin,range = 0.6,main = "BOXPLOT DE Capa\_fin 2018", ylab = "Capacité de l’établissement par formation",ylim=c(0,500))

 #resume de graphique Capacité de l’établissement par formation de 2018

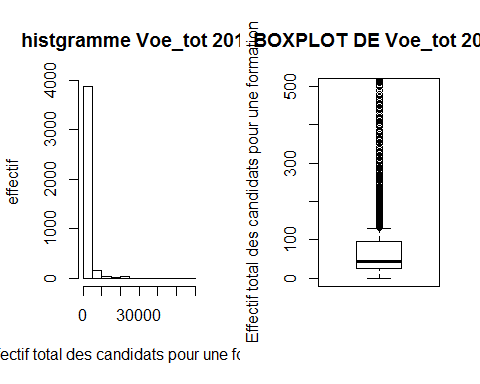
#resume de graphique Capacité de l’établissement par formation de 2018  
Capa1 <- order(donnes2018$Capa\_fin, decreasing = TRUE)  
dat1=data.frame(donnes2018[Capa1,])  
capa2018=data.frame(dat1$etabissement,dat1$Capa\_fin)  
colnames(capa2018)=c("etabissement","Capa\_fin")  
write.csv(capa2018,"D:/PROJET S3/MES FICHIER/capa2018.csv")

##graphique Capacité de l’établissement par formation de 2019  
par(mfcol=c(1,2))  
hist(donnes2019$Capa\_fin,,main = "histgramme Capa\_fin 2019",xlab = "Capacité de l’établissement par formation",ylab = "effectif")  
boxplot(donnes2019$Capa\_fin,range = 0.5,main = "BOXPLOT DE Capa\_fin 2019", ylab = "Capacité de l’établissement par formation",ylim=c(0,500))



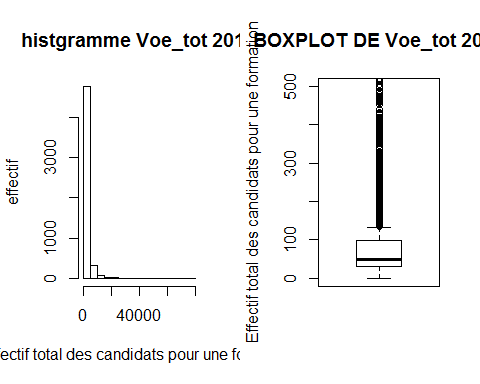
#resume de graphique Capacité de l’établissement par formation de 2019  
Capa <- order(donnes2019$Capa\_fin, decreasing = TRUE)  
dat=data.frame(donnes2019[Capa,])  
capa2019=data.frame(dat$etabissement,dat$Capa\_fin)  
colnames(capa2019)=c("etabissement","Capa\_fin")  
#write.csv(capa2019,"D:/PROJET S3/MES FICHIER/capa2019.csv")

##graphique Effectif total des candidats pour une formation 2018  
par(mfcol=c(1,2))  
hist(donnes2018$Voe\_tot,,main = "histgramme Voe\_tot 2018",xlab = "Effectif total des candidats pour une formation",ylab = "effectif")  
boxplot(donnes2018$Capa\_fin,range = 0.5,main = "BOXPLOT DE Voe\_tot 2018", ylab = "Effectif total des candidats pour une formation",ylim=c(0,500))



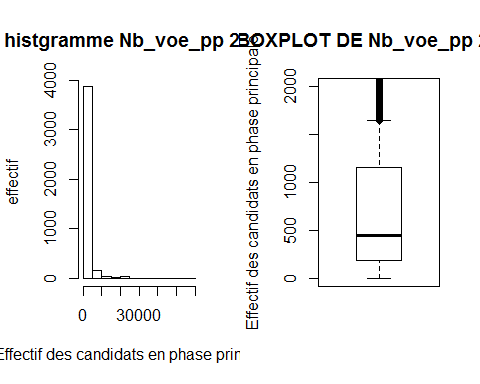
#resume Effectif total des candidats pour une formation 2018  
voe1 <- order(donnes2018$Voe\_tot , decreasing = TRUE)  
datvoe1=data.frame(donnes2018[voe1,])  
voe2018=data.frame(datvoe1$etabissement,datvoe1$Voe\_tot )  
colnames(voe2018)=c("etabissement","Voe\_tot")  
#write.csv(voe2018,"D:/PROJET S3/MES FICHIER/voe2019.csv")

##graphique Effectif total des candidats pour une formation 2019  
par(mfcol=c(1,2))  
hist(donnes2019$Voe\_tot,,main = "histgramme Voe\_tot 2019",xlab = "Effectif total des candidats pour une formation",ylab = "effectif")  
boxplot(donnes2019$Capa\_fin,range = 0.5,main = "BOXPLOT DE Voe\_tot 2019", ylab = "Effectif total des candidats pour une formation",ylim=c(0,500))



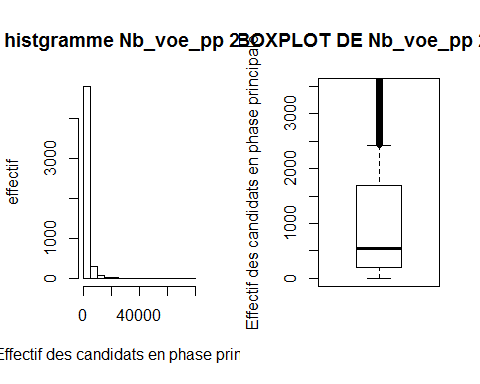
#resume Effectif total des candidats pour une formation 2019  
voe2 <- order(donnes2019$Voe\_tot , decreasing = TRUE)  
datvoe2=data.frame(donnes2019[voe2,])  
voe2019=data.frame(datvoe2$etabissement,datvoe2$Voe\_tot )  
colnames(voe2019)=c("etabissement","Voe\_tot")

##graphique Effectif des candidats en phase principale 2018  
par(mfcol=c(1,2))  
hist(donnes2018$Nb\_voe\_pp ,,main = "histgramme Nb\_voe\_pp 2018",xlab = "Effectif des candidats en phase principale",ylab = "effectif")  
boxplot(donnes2018$Nb\_voe\_pp ,range = 0.5,main = "BOXPLOT DE Nb\_voe\_pp 2018", ylab = "Effectif des candidats en phase principale",ylim=c(0,2000))



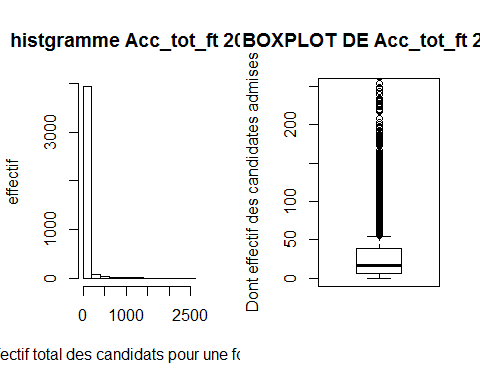
#resume Effectif des candidats en phase principale 2018  
Nb\_voe\_pp1 <- order(donnes2018$Nb\_voe\_pp , decreasing = TRUE)  
datNb\_voe\_pp1=data.frame(donnes2018[Nb\_voe\_pp1,])  
Nb\_voe\_pp2018=data.frame(datNb\_voe\_pp1$etabissement,datNb\_voe\_pp1$Nb\_voe\_pp )  
colnames(Nb\_voe\_pp2018)=c("etabissement","Nb\_voe\_pp ")

##graphique Effectif des candidats en phase principale 2019  
par(mfcol=c(1,2))  
hist(donnes2019$Nb\_voe\_pp ,,main = "histgramme Nb\_voe\_pp 2019",xlab = "Effectif des candidats en phase principale",ylab = "effectif")  
boxplot(donnes2019$Nb\_voe\_pp ,range = 0.5,main = "BOXPLOT DE Nb\_voe\_pp 2019", ylab = "Effectif des candidats en phase principale",ylim=c(0,3500))



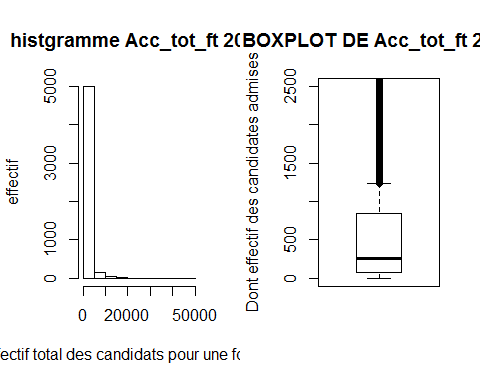
#resume Effectif des candidats en phase principale 2019  
Nb\_voe\_pp2 <- order(donnes2019$Nb\_voe\_pp , decreasing = TRUE)  
datNb\_voe\_pp2=data.frame(donnes2019[Nb\_voe\_pp2,])  
Nb\_voe\_pp2019=data.frame(datNb\_voe\_pp2$etabissement,datNb\_voe\_pp2$Nb\_voe\_pp )  
colnames(Nb\_voe\_pp2019)=c("etabissement","Nb\_voe\_pp ")

##graphique Dont effectif des candidates admises 2018  
par(mfcol=c(1,2))  
hist(donnes2018$Pct\_f ,main = "histgramme Acc\_tot\_ft 2018",xlab = "Effectif total des candidats pour une formation",ylab = "effectif")  
boxplot(donnes2018$Pct\_f,range = 0.5,main = "BOXPLOT DE Acc\_tot\_ft 2018", ylab = "Dont effectif des candidates admises",ylim=c(0,250))



#resume Dont effectif des candidates admises 2018  
Pct\_f1 <- order(donnes2018$Pct\_f , decreasing = TRUE)  
datPct\_f1 =data.frame(donnes2018[Pct\_f1 ,])  
Pct\_f12018=data.frame(datPct\_f1$etabissement,datPct\_f1$Pct\_f )  
colnames(Pct\_f12018)=c("etabissement","Pct\_f ")

##graphique Dont effectif des candidates admises 2019  
par(mfcol=c(1,2))  
hist(donnes2019$Pct\_f ,main = "histgramme Acc\_tot\_ft 2019",xlab = "Effectif total des candidats pour une formation",ylab = "effectif")  
boxplot(donnes2019$Pct\_f,range = 0.5,main = "BOXPLOT DE Acc\_tot\_ft 2019", ylab = "Dont effectif des candidates admises",ylim=c(0,2500))



#resume Dont effectif des candidates admises 2019  
Pct\_f2 <- order(donnes2019$Pct\_f , decreasing = TRUE)  
datPct\_f2 =data.frame(donnes2019[Pct\_f2 ,])  
Pct\_f12019=data.frame(datPct\_f2$etabissement,datPct\_f2$Pct\_f )  
colnames(Pct\_f12019)=c("etabissement","Pct\_f ")

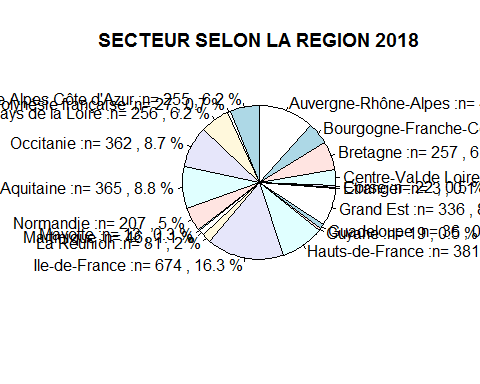
#ETUDES DES VARIABLES QUALITATIVES

#fonction de frequence et effectifs  
efreq=function(x)  
{  
 eff=table(x);seff=sum(eff);n=length(eff)  
 effreq=cbind(rbind(eff,eff/seff),c(seff,1))  
   
 dimnames(effreq)[[1]]=c("effectif","fréquence")  
 dimnames(effreq)[[2]][n+1]="Total"  
   
 return(round(effreq,digits=3))  
}

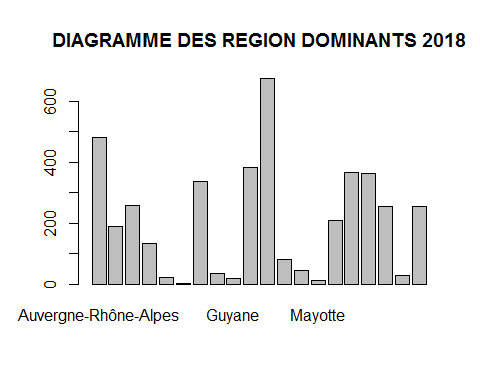
##quelle est la region dominant 2018  
kable(efreq(donnes2018$region))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Auvergne-Rhône-Alpes | Bourgogne-Franche-Comté | Bretagne | Centre-Val de Loire | Corse | Etranger | Grand Est | Guadeloupe | Guyane | Hauts-de-France | Ile-de-France | La Réunion | Martinique | Mayotte | Normandie | Nouvelle-Aquitaine | Occitanie | Pays de la Loire | Polynésie française | Provence Alpes Côte d’Azur | Total |
| effectif | 481.000 | 190.000 | 257.000 | 134.000 | 22.000 | 3.000 | 336.000 | 36.000 | 19.000 | 381.000 | 674.000 | 81.00 | 46.000 | 13.000 | 207.00 | 365.000 | 362.000 | 256.000 | 27.000 | 255.000 | 4145 |
| fréquence | 0.116 | 0.046 | 0.062 | 0.032 | 0.005 | 0.001 | 0.081 | 0.009 | 0.005 | 0.092 | 0.163 | 0.02 | 0.011 | 0.003 | 0.05 | 0.088 | 0.087 | 0.062 | 0.007 | 0.062 | 1 |

par(mfrow=c(1,1))  
  
  
pieTable=function(x){  
 eff=table(x)  
 lbl=paste(levels(factor(x)),":n=",eff,",",round(100\*eff/sum(eff),digits = 1),"%")  
 pie(eff,main = "SECTEUR SELON LA REGION 2018",labels = lbl,init.angle = 90,clockwise = T)   
}   
   
pieTable((donnes2018$region) )



barplot(table(donnes2018$region),main = "DIAGRAMME DES REGION DOMINANTS 2018")

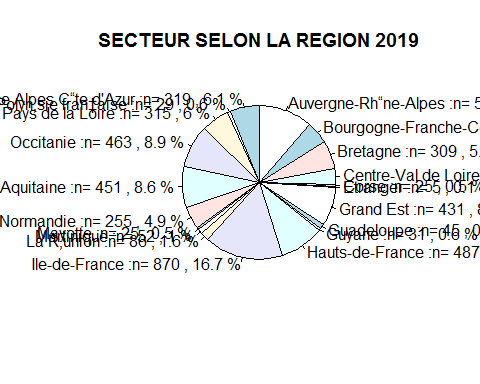


#legend("topright",paste(c("ILe-de-De-France","Avergne-Rhone-Alpes","Occitanie","Gand Est" , "Corse", "Gand Est" ,"Mayotte")),pch="+", cex = 0.6,las=2)

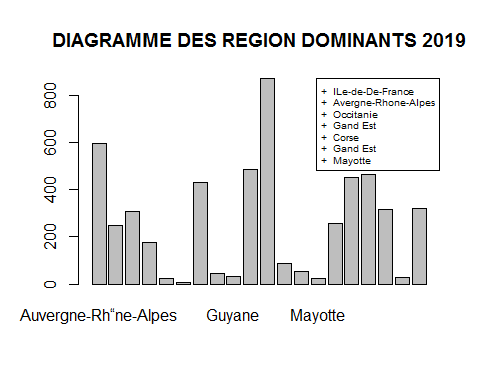
##quelle est la region dominant 2019  
kable(efreq(donnes2019$region))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Auvergne-Rh“ne-Alpes | Bourgogne-Franche-Comt‚ | Bretagne | Centre-Val de Loire | Corse | Etranger | Grand Est | Guadeloupe | Guyane | Hauts-de-France | Ile-de-France | La R‚union | Martinique | Mayotte | Normandie | Nouvelle-Aquitaine | Occitanie | Pays de la Loire | Polyn‚sie fran‡aise | Provence Alpes C“te d’Azur | Total |
| effectif | 594.000 | 248.000 | 309.000 | 178.000 | 25.000 | 5.000 | 431.000 | 45.000 | 31.000 | 487.000 | 870.000 | 86.000 | 52.00 | 25.000 | 255.000 | 451.000 | 463.000 | 315.00 | 29.000 | 319.000 | 5218 |
| fréquence | 0.114 | 0.048 | 0.059 | 0.034 | 0.005 | 0.001 | 0.083 | 0.009 | 0.006 | 0.093 | 0.167 | 0.016 | 0.01 | 0.005 | 0.049 | 0.086 | 0.089 | 0.06 | 0.006 | 0.061 | 1 |

par(mfrow=c(1,1))  
  
  
pieTable=function(x){  
 eff=table(x)  
 lbl=paste(levels(factor(x)),":n=",eff,",",round(100\*eff/sum(eff),digits = 1),"%")  
 pie(eff,main = "SECTEUR SELON LA REGION 2019",labels = lbl,init.angle = 90,clockwise = T)   
}   
   
pieTable(donnes2019$region)



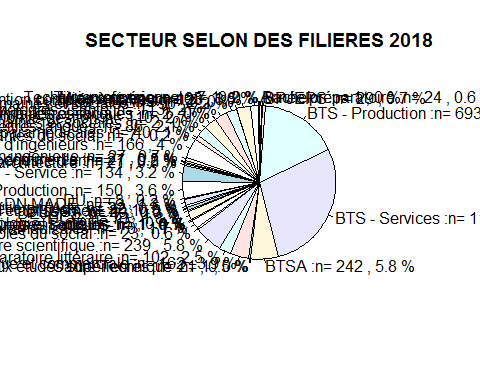
barplot(table(donnes2019$region),main = "DIAGRAMME DES REGION DOMINANTS 2019")  
legend("topright",paste(c("ILe-de-De-France","Avergne-Rhone-Alpes","Occitanie","Gand Est" , "Corse", "Gand Est" ,"Mayotte")),pch="+", cex = 0.6)



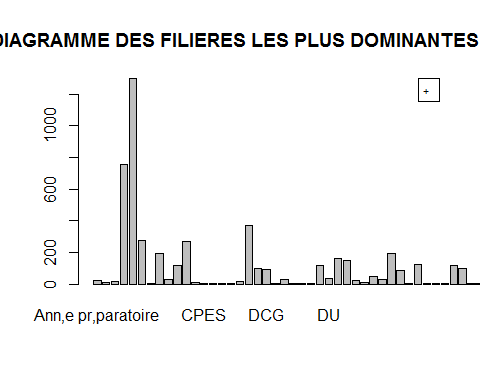
##filiere les plus dominantes 2018  
kable(efreq(donnes2018$filiere))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Année préparatoire | Bachelor | BPJEPS | BTS - Production | BTS - Services | BTSA | Cadre Technique | Classe préparatoire aux études supérieures | Classe préparatoire économique et commerciale | Classe préparatoire littéraire | Classe préparatoire scientifique | Classes préparatoires aux écoles du social | Classes préparatoires aux écoles paramédicales | CPES | CUPGE - Arts Lettres Langues | CUPGE - Sciences humaines et sociales | CUPGE - Sciences, technologie, santé | DCG | DEJEPS | DEUST | Diplôme d’établissement | Diplôme des métiers d’Arts | DN MADE | DU | DUT - Production | DUT - Service | Ecole d’architecture | Ecole supérieure d’art | Ecoles de commerce | Formation en ingénierie | Formations d’ingénieurs | Formations diplômantes du social | Formations diplômantes paramédicales | Licence - Arts-lettres-langues | Licence - Arts-lettres-langues / Sciences humaines et sociales | Licence - Droit-économie-gestion | Licence - Droit-économie-gestion / Arts-lettres-langues | Licence - Droit-économie-gestion / Sciences humaines et sociales | Licence - Sciences - technologies - santé | Licence - Sciences humaines et sociales | Licence - STAPS | Mention complémentaire | Mise à niveau | Technicien supérieur | Titre professionnel | Total |
| effectif | 24.000 | 1 | 29.000 | 693.000 | 1155.000 | 242.000 | 1 | 21.000 | 162.000 | 102.000 | 239.000 | 23.000 | 70.000 | 1 | 1 | 1 | 15.000 | 73.000 | 13.000 | 2e+01 | 1 | 22.000 | 53.000 | 8.000 | 150.000 | 134.000 | 21.000 | 7.000 | 21.000 | 27.000 | 166.00 | 7.000 | 40.00 | 86.000 | 2 | 110.000 | 1 | 2 | 113.000 | 90.000 | 2 | 123.00 | 65.000 | 7.000 | 1 | 4145 |
| fréquence | 0.006 | 0 | 0.007 | 0.167 | 0.279 | 0.058 | 0 | 0.005 | 0.039 | 0.025 | 0.058 | 0.006 | 0.017 | 0 | 0 | 0 | 0.004 | 0.018 | 0.003 | 5e-03 | 0 | 0.005 | 0.013 | 0.002 | 0.036 | 0.032 | 0.005 | 0.002 | 0.005 | 0.007 | 0.04 | 0.002 | 0.01 | 0.021 | 0 | 0.027 | 0 | 0 | 0.027 | 0.022 | 0 | 0.03 | 0.016 | 0.002 | 0 | 1 |

par(mfrow=c(1,1))  
  
  
pieTable=function(x){  
 eff=table(x)  
 lbl=paste(levels(factor(x)),":n=",eff,",",round(100\*eff/sum(eff),digits = 1),"%")  
 pie(eff,main = "SECTEUR SELON DES FILIERES 2018",labels = lbl,init.angle =c(90),clockwise = T)   
}   
   
pieTable((donnes2018$filiere) )



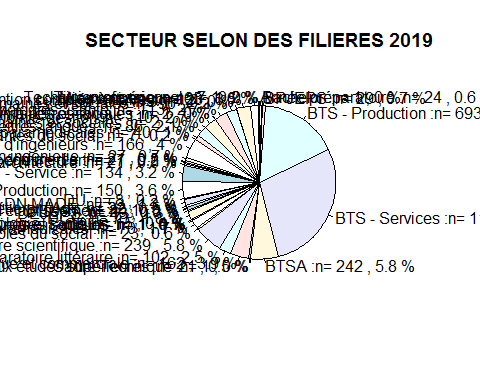
barplot(table(donnes2019$filiere),main = "DIAGRAMME DES FILIERES LES PLUS DOMINANTES 2018",xlim=c(0,45))  
legend("topright",paste(c("")),pch="+", cex = 0.6)



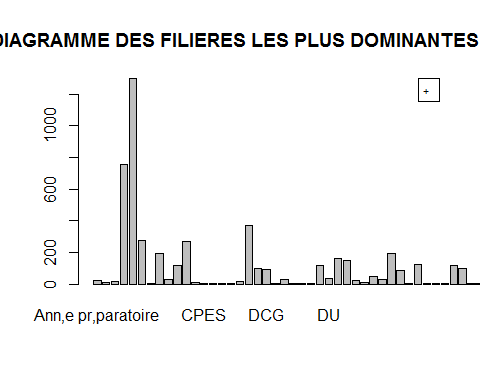
##filiere les plus dominantes 2019  
kable(efreq(donnes2018$filiere))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Année préparatoire | Bachelor | BPJEPS | BTS - Production | BTS - Services | BTSA | Cadre Technique | Classe préparatoire aux études supérieures | Classe préparatoire économique et commerciale | Classe préparatoire littéraire | Classe préparatoire scientifique | Classes préparatoires aux écoles du social | Classes préparatoires aux écoles paramédicales | CPES | CUPGE - Arts Lettres Langues | CUPGE - Sciences humaines et sociales | CUPGE - Sciences, technologie, santé | DCG | DEJEPS | DEUST | Diplôme d’établissement | Diplôme des métiers d’Arts | DN MADE | DU | DUT - Production | DUT - Service | Ecole d’architecture | Ecole supérieure d’art | Ecoles de commerce | Formation en ingénierie | Formations d’ingénieurs | Formations diplômantes du social | Formations diplômantes paramédicales | Licence - Arts-lettres-langues | Licence - Arts-lettres-langues / Sciences humaines et sociales | Licence - Droit-économie-gestion | Licence - Droit-économie-gestion / Arts-lettres-langues | Licence - Droit-économie-gestion / Sciences humaines et sociales | Licence - Sciences - technologies - santé | Licence - Sciences humaines et sociales | Licence - STAPS | Mention complémentaire | Mise à niveau | Technicien supérieur | Titre professionnel | Total |
| effectif | 24.000 | 1 | 29.000 | 693.000 | 1155.000 | 242.000 | 1 | 21.000 | 162.000 | 102.000 | 239.000 | 23.000 | 70.000 | 1 | 1 | 1 | 15.000 | 73.000 | 13.000 | 2e+01 | 1 | 22.000 | 53.000 | 8.000 | 150.000 | 134.000 | 21.000 | 7.000 | 21.000 | 27.000 | 166.00 | 7.000 | 40.00 | 86.000 | 2 | 110.000 | 1 | 2 | 113.000 | 90.000 | 2 | 123.00 | 65.000 | 7.000 | 1 | 4145 |
| fréquence | 0.006 | 0 | 0.007 | 0.167 | 0.279 | 0.058 | 0 | 0.005 | 0.039 | 0.025 | 0.058 | 0.006 | 0.017 | 0 | 0 | 0 | 0.004 | 0.018 | 0.003 | 5e-03 | 0 | 0.005 | 0.013 | 0.002 | 0.036 | 0.032 | 0.005 | 0.002 | 0.005 | 0.007 | 0.04 | 0.002 | 0.01 | 0.021 | 0 | 0.027 | 0 | 0 | 0.027 | 0.022 | 0 | 0.03 | 0.016 | 0.002 | 0 | 1 |

par(mfrow=c(1,1))  
  
  
pieTable=function(x){  
 eff=table(x)  
 lbl=paste(levels(factor(x)),":n=",eff,",",round(100\*eff/sum(eff),digits = 1),"%")  
 pie(eff,main = "SECTEUR SELON DES FILIERES 2019",labels = lbl,init.angle =90,clockwise = T)   
}   
   
pieTable((donnes2018$filiere) )



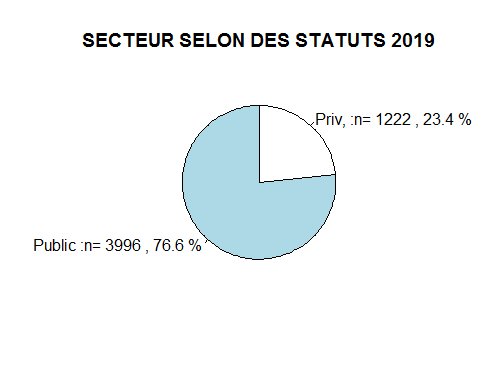
barplot(table(donnes2019$filiere),main = "DIAGRAMME DES FILIERES LES PLUS DOMINANTES 2019",xlim=c(0,45))  
legend("topright",paste(c("")),pch="+", cex = 0.6)



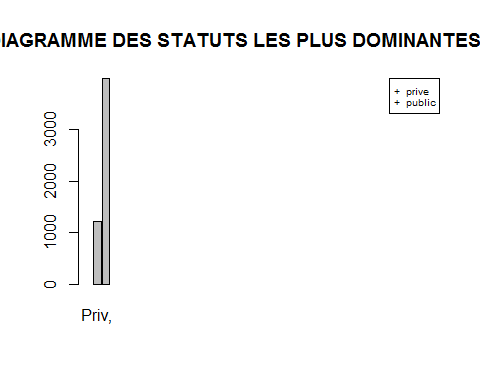
##Status les plus dominantes 2019  
kable(efreq(donnes2019$statut))

|  |  |  |  |
| --- | --- | --- | --- |
|  | Priv‚ | Public | Total |
| effectif | 1222.000 | 3996.000 | 5218 |
| fréquence | 0.234 | 0.766 | 1 |

par(mfrow=c(1,1))  
  
  
pieTable=function(x){  
 eff=table(x)  
 lbl=paste(levels(factor(x)),":n=",eff,",",round(100\*eff/sum(eff),digits = 1),"%")  
 pie(eff,main = "SECTEUR SELON DES STATUTS 2019",labels = lbl,init.angle =90,clockwise = T)   
}   
   
pieTable((donnes2019$statut))



barplot(table(donnes2019$statut),main = "DIAGRAMME DES STATUTS LES PLUS DOMINANTES 2018",xlim=c(0,45))  
legend("topright",paste(c("prive","public")),pch="+", cex = 0.6)



##STATISTIQUE BIVARIES ###ENTRE LES VARIABLE QUANTITATIVES

library(knitr)  
kable(round(cor(donnes2018[,4:7]),digits=3))

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Capa\_fin | 1.000 | 0.525 | 0.494 | 0.921 |
| Voe\_tot | 0.525 | 1.000 | 0.999 | 0.555 |
| Nb\_voe\_pp | 0.494 | 0.999 | 1.000 | 0.526 |
| Pct\_f | 0.921 | 0.555 | 0.526 | 1.000 |

pval=function(x)  
{  
p=ncol(x)  
mp=matrix(0,nrow=p,ncol=p)  
lqt=dimnames(x)[[2]]  
dimnames(mp)=list(lqt,lqt)  
for (j in 1:(p-1)) # boucle pour les lignes de la matrice  
for (k in (j+1):p) # boucle pour les colonnes, apr?s la diagonale  
{  
mp[j,k]=cor.test(x[,j],x[,k])[[3]] # remplissage de la case (j,k) de la matrice mp  
mp[k,j]=mp[j,k] # remplissage de la case (k,j) de la matrice mp  
}  
return(mp)  
}  
kable(pval(donnes2018[,4:7]),digits=3)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Capa\_fin | 0 | 0 | 0 | 0 |
| Voe\_tot | 0 | 0 | 0 | 0 |
| Nb\_voe\_pp | 0 | 0 | 0 | 0 |
| Pct\_f | 0 | 0 | 0 | 0 |

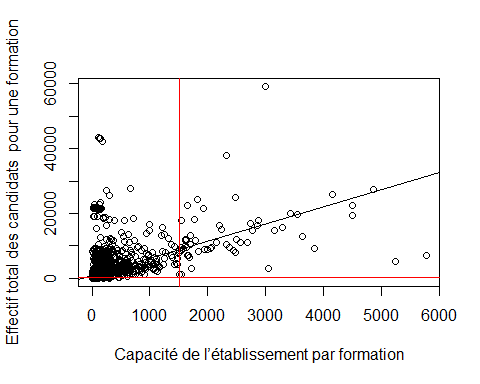
library(knitr)  
kable(round(cor(donnes2019[,5:8]),digits=3))

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Capa\_fin | 1.000 | 0.689 | 0.665 | 0.658 |
| Voe\_tot | 0.689 | 1.000 | 0.998 | 0.957 |
| Nb\_voe\_pp | 0.665 | 0.998 | 1.000 | 0.955 |
| Pct\_f | 0.658 | 0.957 | 0.955 | 1.000 |

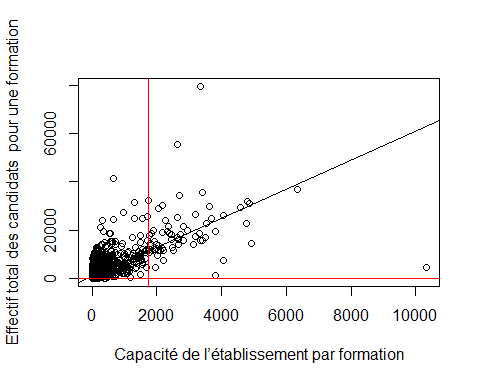
pval=function(x)  
{  
p=ncol(x)  
mp=matrix(0,nrow=p,ncol=p)  
lqt=dimnames(x)[[2]]  
dimnames(mp)=list(lqt,lqt)  
for (j in 1:(p-1)) # boucle pour les lignes de la matrice  
for (k in (j+1):p) # boucle pour les colonnes, apr?s la diagonale  
{  
mp[j,k]=cor.test(x[,j],x[,k])[[3]] # remplissage de la case (j,k) de la matrice mp  
mp[k,j]=mp[j,k] # remplissage de la case (k,j) de la matrice mp  
}  
return(mp)  
}  
kable(pval(donnes2019[,5:8]),digits=1)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Capa\_fin | 0 | 0 | 0 | 0 |
| Voe\_tot | 0 | 0 | 0 | 0 |
| Nb\_voe\_pp | 0 | 0 | 0 | 0 |
| Pct\_f | 0 | 0 | 0 | 0 |

##regression simple : Nuage de point entre Capacité de l’établissement par formation et Effectif total des candidats pour une formation des donnes de 2018  
plot(donnes2018$Capa\_fin,donnes2018$Voe\_tot,xlab="Capacité de l’établissement par formation",ylab="Effectif total des candidats pour une formation")  
abline(lm(donnes2018$Voe\_tot~donnes2018$Capa\_fin))  
  
abline(h=mean(donnes2018$Capa\_fin),v=mean(donnes2018$Voe\_tot),col="red")

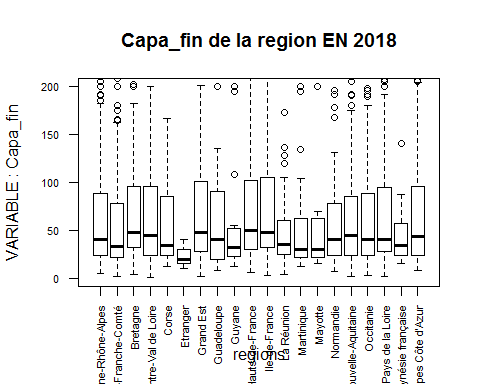


##regression simple : Nuage de point entre Capacité de l’établissement par formation et Effectif total des candidats pour une formation des donnes de 2019  
plot(donnes2019$Capa\_fin,donnes2019$Voe\_tot,xlab="Capacité de l’établissement par formation",ylab="Effectif total des candidats pour une formation")  
abline(lm(donnes2019$Voe\_tot~donnes2019$Capa\_fin))  
  
abline(h=mean(donnes2019$Capa\_fin),v=mean(donnes2019$Voe\_tot),col="red")

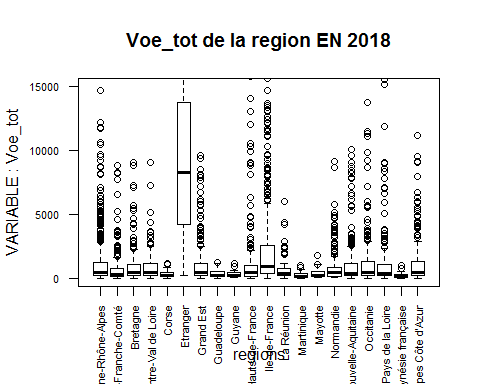


#BIVARIEE entre les variables quantitatives et qualitatives DES DONNES 2018

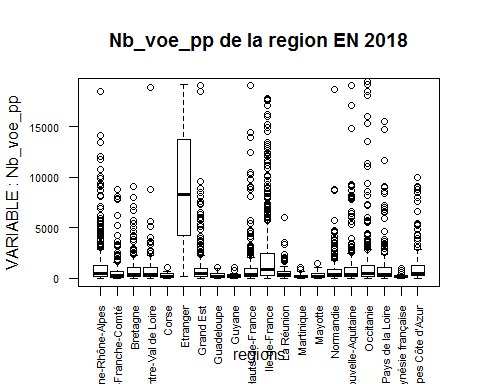
##BOXPLOT DE LA Capacité de l’établissement par formation PAR REGION  
 boxplot(donnes2018$Capa\_fin~donnes2018$region ,ylim=c(0,200),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2018)[4])),  
 main =paste(colnames((donnes2018)[4]),"de la region EN 2018"))



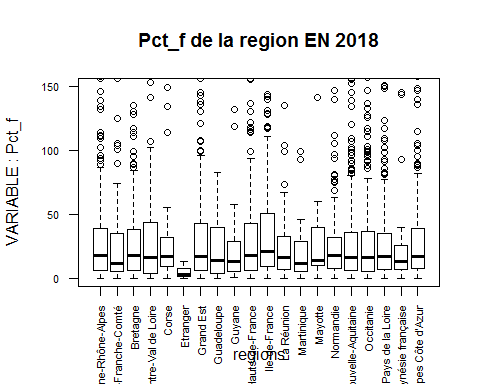
##BOXPLOT DE LA Capacité de l’établissement par formation PAR REGION  
 boxplot(donnes2018$Voe\_tot~donnes2018$region ,ylim=c(0,15000),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2018)[5])),  
 main =paste(colnames((donnes2018)[5]),"de la region EN 2018"))



##BOXPLOT Effectif des candidats en phase principale PAR REGION  
 boxplot(donnes2018$Nb\_voe\_pp~donnes2018$region ,ylim=c(0,19000),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2018)[6])),  
 main =paste(colnames((donnes2018)[6]),"de la region EN 2018"))

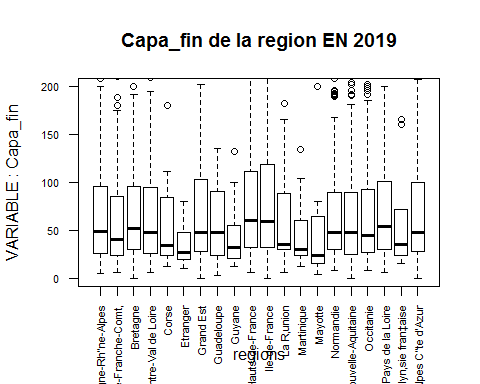


##BOXPLOTDont effectif des candidates admises PAR REGION  
 boxplot(donnes2018$Pct\_f~donnes2018$region ,ylim=c(0,150),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2018)[7])),  
 main =paste(colnames((donnes2018)[7]),"de la region EN 2018"))

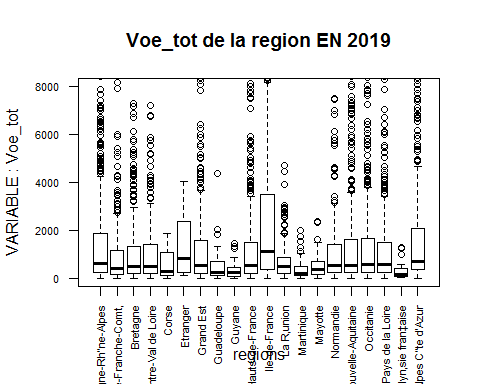
 #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#BIVARIEE entre les variables quantitatives et qualitatives DES DONNES 2019

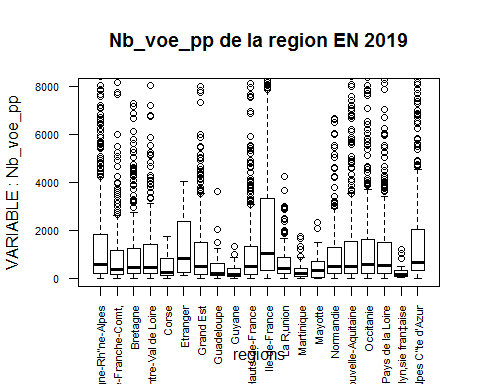
##BOXPLOT DE LA Capacité de l’établissement par formation PAR REGION  
 boxplot(donnes2019$Capa\_fin~donnes2019$region ,ylim=c(0,200),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2019)[5])),  
 main =paste(colnames((donnes2019)[5]),"de la region EN 2019"))



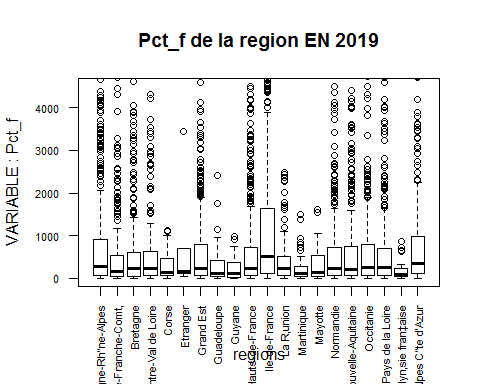
##BOXPLOT DE LA Capacité de l’établissement par formation PAR REGION  
 boxplot(donnes2019$Voe\_tot~donnes2019$region ,ylim=c(0,8000),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2019)[6])),  
 main =paste(colnames((donnes2019)[6]),"de la region EN 2019"))



##BOXPLOT Effectif des candidats en phase principale PAR REGION  
 boxplot(donnes2019$Nb\_voe\_pp~donnes2019$region ,ylim=c(0,8000),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2019)[7])),  
 main =paste(colnames((donnes2019)[7]),"de la region EN 2019"))



##BOXPLOTDont effectif des candidates admises PAR REGION  
 boxplot(donnes2019$Pct\_f~donnes2019$region ,ylim=c(0,4500),  
 xlab ="regions",cex.lab=1, cex.sub=1,cex.axis=0.7,las=2,  
 ylab =paste("VARIABLE :",colnames((donnes2019)[8])),  
 main =paste(colnames((donnes2019)[8]),"de la region EN 2019"))



###Capa\_fin =Capacité de l’établissement par formation ###Voe\_tot=Effectif total des candidats pour une formation ### Nb\_voe\_pp= Effectif des candidats en phase principale ###Acc\_tot\_f Dont effectif des candidates admises

#Moyenne par groupe de region 2018  
  
  
  
moyregion18=aggregate(donnes2018[,4:7],list(donnes2018$region),mean)  
moyregion2108=round(moyregion18[,2:5],digits=2)  
moyregion2018=merge(moyregion18[,1],moyregion2108)  
colnames(moyregion2018)=c("region","Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")  
kable(moyregion2018)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| region | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Auvergne-Rhône-Alpes | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Bourgogne-Franche-Comté | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Bretagne | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Centre-Val de Loire | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Corse | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Etranger | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Grand Est | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Guadeloupe | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Guyane | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Hauts-de-France | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Ile-de-France | 138.72 | 1698.54 | 1646.56 | 63.84 |
| La Réunion | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Martinique | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Mayotte | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Normandie | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Nouvelle-Aquitaine | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Occitanie | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Pays de la Loire | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Polynésie française | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Provence Alpes Côte d’Azur | 138.72 | 1698.54 | 1646.56 | 63.84 |
| Auvergne-Rhône-Alpes | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Bourgogne-Franche-Comté | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Bretagne | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Centre-Val de Loire | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Corse | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Etranger | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Grand Est | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Guadeloupe | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Guyane | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Hauts-de-France | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Ile-de-France | 96.94 | 1152.57 | 1120.69 | 44.87 |
| La Réunion | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Martinique | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Mayotte | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Normandie | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Nouvelle-Aquitaine | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Occitanie | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Pays de la Loire | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Polynésie française | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Provence Alpes Côte d’Azur | 96.94 | 1152.57 | 1120.69 | 44.87 |
| Auvergne-Rhône-Alpes | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Bourgogne-Franche-Comté | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Bretagne | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Centre-Val de Loire | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Corse | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Etranger | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Grand Est | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Guadeloupe | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Guyane | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Hauts-de-France | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Ile-de-France | 106.71 | 1140.62 | 1106.18 | 43.13 |
| La Réunion | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Martinique | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Mayotte | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Normandie | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Nouvelle-Aquitaine | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Occitanie | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Pays de la Loire | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Polynésie française | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Provence Alpes Côte d’Azur | 106.71 | 1140.62 | 1106.18 | 43.13 |
| Auvergne-Rhône-Alpes | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Bourgogne-Franche-Comté | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Bretagne | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Centre-Val de Loire | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Corse | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Etranger | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Grand Est | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Guadeloupe | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Guyane | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Hauts-de-France | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Ile-de-France | 153.43 | 1221.00 | 1168.69 | 48.11 |
| La Réunion | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Martinique | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Mayotte | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Normandie | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Nouvelle-Aquitaine | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Occitanie | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Pays de la Loire | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Polynésie française | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Provence Alpes Côte d’Azur | 153.43 | 1221.00 | 1168.69 | 48.11 |
| Auvergne-Rhône-Alpes | 76.73 | 370.50 | 330.50 | 32.36 |
| Bourgogne-Franche-Comté | 76.73 | 370.50 | 330.50 | 32.36 |
| Bretagne | 76.73 | 370.50 | 330.50 | 32.36 |
| Centre-Val de Loire | 76.73 | 370.50 | 330.50 | 32.36 |
| Corse | 76.73 | 370.50 | 330.50 | 32.36 |
| Etranger | 76.73 | 370.50 | 330.50 | 32.36 |
| Grand Est | 76.73 | 370.50 | 330.50 | 32.36 |
| Guadeloupe | 76.73 | 370.50 | 330.50 | 32.36 |
| Guyane | 76.73 | 370.50 | 330.50 | 32.36 |
| Hauts-de-France | 76.73 | 370.50 | 330.50 | 32.36 |
| Ile-de-France | 76.73 | 370.50 | 330.50 | 32.36 |
| La Réunion | 76.73 | 370.50 | 330.50 | 32.36 |
| Martinique | 76.73 | 370.50 | 330.50 | 32.36 |
| Mayotte | 76.73 | 370.50 | 330.50 | 32.36 |
| Normandie | 76.73 | 370.50 | 330.50 | 32.36 |
| Nouvelle-Aquitaine | 76.73 | 370.50 | 330.50 | 32.36 |
| Occitanie | 76.73 | 370.50 | 330.50 | 32.36 |
| Pays de la Loire | 76.73 | 370.50 | 330.50 | 32.36 |
| Polynésie française | 76.73 | 370.50 | 330.50 | 32.36 |
| Provence Alpes Côte d’Azur | 76.73 | 370.50 | 330.50 | 32.36 |
| Auvergne-Rhône-Alpes | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Bourgogne-Franche-Comté | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Bretagne | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Centre-Val de Loire | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Corse | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Etranger | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Grand Est | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Guadeloupe | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Guyane | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Hauts-de-France | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Ile-de-France | 23.33 | 9220.67 | 9218.00 | 5.33 |
| La Réunion | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Martinique | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Mayotte | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Normandie | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Nouvelle-Aquitaine | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Occitanie | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Pays de la Loire | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Polynésie française | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Provence Alpes Côte d’Azur | 23.33 | 9220.67 | 9218.00 | 5.33 |
| Auvergne-Rhône-Alpes | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Bourgogne-Franche-Comté | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Bretagne | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Centre-Val de Loire | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Corse | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Etranger | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Grand Est | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Guadeloupe | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Guyane | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Hauts-de-France | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Ile-de-France | 120.09 | 1382.54 | 1329.99 | 53.20 |
| La Réunion | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Martinique | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Mayotte | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Normandie | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Nouvelle-Aquitaine | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Occitanie | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Pays de la Loire | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Polynésie française | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Provence Alpes Côte d’Azur | 120.09 | 1382.54 | 1329.99 | 53.20 |
| Auvergne-Rhône-Alpes | 79.19 | 347.81 | 311.06 | 21.64 |
| Bourgogne-Franche-Comté | 79.19 | 347.81 | 311.06 | 21.64 |
| Bretagne | 79.19 | 347.81 | 311.06 | 21.64 |
| Centre-Val de Loire | 79.19 | 347.81 | 311.06 | 21.64 |
| Corse | 79.19 | 347.81 | 311.06 | 21.64 |
| Etranger | 79.19 | 347.81 | 311.06 | 21.64 |
| Grand Est | 79.19 | 347.81 | 311.06 | 21.64 |
| Guadeloupe | 79.19 | 347.81 | 311.06 | 21.64 |
| Guyane | 79.19 | 347.81 | 311.06 | 21.64 |
| Hauts-de-France | 79.19 | 347.81 | 311.06 | 21.64 |
| Ile-de-France | 79.19 | 347.81 | 311.06 | 21.64 |
| La Réunion | 79.19 | 347.81 | 311.06 | 21.64 |
| Martinique | 79.19 | 347.81 | 311.06 | 21.64 |
| Mayotte | 79.19 | 347.81 | 311.06 | 21.64 |
| Normandie | 79.19 | 347.81 | 311.06 | 21.64 |
| Nouvelle-Aquitaine | 79.19 | 347.81 | 311.06 | 21.64 |
| Occitanie | 79.19 | 347.81 | 311.06 | 21.64 |
| Pays de la Loire | 79.19 | 347.81 | 311.06 | 21.64 |
| Polynésie française | 79.19 | 347.81 | 311.06 | 21.64 |
| Provence Alpes Côte d’Azur | 79.19 | 347.81 | 311.06 | 21.64 |
| Auvergne-Rhône-Alpes | 67.58 | 331.68 | 280.11 | 26.79 |
| Bourgogne-Franche-Comté | 67.58 | 331.68 | 280.11 | 26.79 |
| Bretagne | 67.58 | 331.68 | 280.11 | 26.79 |
| Centre-Val de Loire | 67.58 | 331.68 | 280.11 | 26.79 |
| Corse | 67.58 | 331.68 | 280.11 | 26.79 |
| Etranger | 67.58 | 331.68 | 280.11 | 26.79 |
| Grand Est | 67.58 | 331.68 | 280.11 | 26.79 |
| Guadeloupe | 67.58 | 331.68 | 280.11 | 26.79 |
| Guyane | 67.58 | 331.68 | 280.11 | 26.79 |
| Hauts-de-France | 67.58 | 331.68 | 280.11 | 26.79 |
| Ile-de-France | 67.58 | 331.68 | 280.11 | 26.79 |
| La Réunion | 67.58 | 331.68 | 280.11 | 26.79 |
| Martinique | 67.58 | 331.68 | 280.11 | 26.79 |
| Mayotte | 67.58 | 331.68 | 280.11 | 26.79 |
| Normandie | 67.58 | 331.68 | 280.11 | 26.79 |
| Nouvelle-Aquitaine | 67.58 | 331.68 | 280.11 | 26.79 |
| Occitanie | 67.58 | 331.68 | 280.11 | 26.79 |
| Pays de la Loire | 67.58 | 331.68 | 280.11 | 26.79 |
| Polynésie française | 67.58 | 331.68 | 280.11 | 26.79 |
| Provence Alpes Côte d’Azur | 67.58 | 331.68 | 280.11 | 26.79 |
| Auvergne-Rhône-Alpes | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Bourgogne-Franche-Comté | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Bretagne | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Centre-Val de Loire | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Corse | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Etranger | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Grand Est | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Guadeloupe | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Guyane | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Hauts-de-France | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Ile-de-France | 134.31 | 1246.15 | 1181.31 | 56.38 |
| La Réunion | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Martinique | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Mayotte | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Normandie | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Nouvelle-Aquitaine | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Occitanie | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Pays de la Loire | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Polynésie française | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Provence Alpes Côte d’Azur | 134.31 | 1246.15 | 1181.31 | 56.38 |
| Auvergne-Rhône-Alpes | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Bourgogne-Franche-Comté | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Bretagne | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Centre-Val de Loire | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Corse | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Etranger | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Grand Est | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Guadeloupe | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Guyane | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Hauts-de-France | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Ile-de-France | 153.51 | 2513.97 | 2389.42 | 75.41 |
| La Réunion | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Martinique | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Mayotte | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Normandie | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Nouvelle-Aquitaine | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Occitanie | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Pays de la Loire | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Polynésie française | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Provence Alpes Côte d’Azur | 153.51 | 2513.97 | 2389.42 | 75.41 |
| Auvergne-Rhône-Alpes | 114.12 | 1010.63 | 937.14 | 52.91 |
| Bourgogne-Franche-Comté | 114.12 | 1010.63 | 937.14 | 52.91 |
| Bretagne | 114.12 | 1010.63 | 937.14 | 52.91 |
| Centre-Val de Loire | 114.12 | 1010.63 | 937.14 | 52.91 |
| Corse | 114.12 | 1010.63 | 937.14 | 52.91 |
| Etranger | 114.12 | 1010.63 | 937.14 | 52.91 |
| Grand Est | 114.12 | 1010.63 | 937.14 | 52.91 |
| Guadeloupe | 114.12 | 1010.63 | 937.14 | 52.91 |
| Guyane | 114.12 | 1010.63 | 937.14 | 52.91 |
| Hauts-de-France | 114.12 | 1010.63 | 937.14 | 52.91 |
| Ile-de-France | 114.12 | 1010.63 | 937.14 | 52.91 |
| La Réunion | 114.12 | 1010.63 | 937.14 | 52.91 |
| Martinique | 114.12 | 1010.63 | 937.14 | 52.91 |
| Mayotte | 114.12 | 1010.63 | 937.14 | 52.91 |
| Normandie | 114.12 | 1010.63 | 937.14 | 52.91 |
| Nouvelle-Aquitaine | 114.12 | 1010.63 | 937.14 | 52.91 |
| Occitanie | 114.12 | 1010.63 | 937.14 | 52.91 |
| Pays de la Loire | 114.12 | 1010.63 | 937.14 | 52.91 |
| Polynésie française | 114.12 | 1010.63 | 937.14 | 52.91 |
| Provence Alpes Côte d’Azur | 114.12 | 1010.63 | 937.14 | 52.91 |
| Auvergne-Rhône-Alpes | 71.87 | 264.96 | 238.04 | 19.24 |
| Bourgogne-Franche-Comté | 71.87 | 264.96 | 238.04 | 19.24 |
| Bretagne | 71.87 | 264.96 | 238.04 | 19.24 |
| Centre-Val de Loire | 71.87 | 264.96 | 238.04 | 19.24 |
| Corse | 71.87 | 264.96 | 238.04 | 19.24 |
| Etranger | 71.87 | 264.96 | 238.04 | 19.24 |
| Grand Est | 71.87 | 264.96 | 238.04 | 19.24 |
| Guadeloupe | 71.87 | 264.96 | 238.04 | 19.24 |
| Guyane | 71.87 | 264.96 | 238.04 | 19.24 |
| Hauts-de-France | 71.87 | 264.96 | 238.04 | 19.24 |
| Ile-de-France | 71.87 | 264.96 | 238.04 | 19.24 |
| La Réunion | 71.87 | 264.96 | 238.04 | 19.24 |
| Martinique | 71.87 | 264.96 | 238.04 | 19.24 |
| Mayotte | 71.87 | 264.96 | 238.04 | 19.24 |
| Normandie | 71.87 | 264.96 | 238.04 | 19.24 |
| Nouvelle-Aquitaine | 71.87 | 264.96 | 238.04 | 19.24 |
| Occitanie | 71.87 | 264.96 | 238.04 | 19.24 |
| Pays de la Loire | 71.87 | 264.96 | 238.04 | 19.24 |
| Polynésie française | 71.87 | 264.96 | 238.04 | 19.24 |
| Provence Alpes Côte d’Azur | 71.87 | 264.96 | 238.04 | 19.24 |
| Auvergne-Rhône-Alpes | 49.54 | 474.85 | 425.31 | 31.15 |
| Bourgogne-Franche-Comté | 49.54 | 474.85 | 425.31 | 31.15 |
| Bretagne | 49.54 | 474.85 | 425.31 | 31.15 |
| Centre-Val de Loire | 49.54 | 474.85 | 425.31 | 31.15 |
| Corse | 49.54 | 474.85 | 425.31 | 31.15 |
| Etranger | 49.54 | 474.85 | 425.31 | 31.15 |
| Grand Est | 49.54 | 474.85 | 425.31 | 31.15 |
| Guadeloupe | 49.54 | 474.85 | 425.31 | 31.15 |
| Guyane | 49.54 | 474.85 | 425.31 | 31.15 |
| Hauts-de-France | 49.54 | 474.85 | 425.31 | 31.15 |
| Ile-de-France | 49.54 | 474.85 | 425.31 | 31.15 |
| La Réunion | 49.54 | 474.85 | 425.31 | 31.15 |
| Martinique | 49.54 | 474.85 | 425.31 | 31.15 |
| Mayotte | 49.54 | 474.85 | 425.31 | 31.15 |
| Normandie | 49.54 | 474.85 | 425.31 | 31.15 |
| Nouvelle-Aquitaine | 49.54 | 474.85 | 425.31 | 31.15 |
| Occitanie | 49.54 | 474.85 | 425.31 | 31.15 |
| Pays de la Loire | 49.54 | 474.85 | 425.31 | 31.15 |
| Polynésie française | 49.54 | 474.85 | 425.31 | 31.15 |
| Provence Alpes Côte d’Azur | 49.54 | 474.85 | 425.31 | 31.15 |
| Auvergne-Rhône-Alpes | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Bourgogne-Franche-Comté | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Bretagne | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Centre-Val de Loire | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Corse | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Etranger | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Grand Est | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Guadeloupe | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Guyane | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Hauts-de-France | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Ile-de-France | 102.21 | 1063.78 | 1022.04 | 45.78 |
| La Réunion | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Martinique | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Mayotte | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Normandie | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Nouvelle-Aquitaine | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Occitanie | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Pays de la Loire | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Polynésie française | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Provence Alpes Côte d’Azur | 102.21 | 1063.78 | 1022.04 | 45.78 |
| Auvergne-Rhône-Alpes | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Bourgogne-Franche-Comté | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Bretagne | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Centre-Val de Loire | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Corse | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Etranger | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Grand Est | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Guadeloupe | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Guyane | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Hauts-de-France | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Ile-de-France | 126.19 | 1174.57 | 1132.12 | 53.91 |
| La Réunion | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Martinique | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Mayotte | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Normandie | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Nouvelle-Aquitaine | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Occitanie | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Pays de la Loire | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Polynésie française | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Provence Alpes Côte d’Azur | 126.19 | 1174.57 | 1132.12 | 53.91 |
| Auvergne-Rhône-Alpes | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Bourgogne-Franche-Comté | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Bretagne | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Centre-Val de Loire | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Corse | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Etranger | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Grand Est | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Guadeloupe | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Guyane | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Hauts-de-France | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Ile-de-France | 150.88 | 1586.30 | 1517.16 | 66.86 |
| La Réunion | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Martinique | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Mayotte | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Normandie | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Nouvelle-Aquitaine | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Occitanie | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Pays de la Loire | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Polynésie française | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Provence Alpes Côte d’Azur | 150.88 | 1586.30 | 1517.16 | 66.86 |
| Auvergne-Rhône-Alpes | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Bourgogne-Franche-Comté | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Bretagne | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Centre-Val de Loire | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Corse | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Etranger | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Grand Est | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Guadeloupe | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Guyane | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Hauts-de-France | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Ile-de-France | 111.64 | 1572.05 | 1535.39 | 50.77 |
| La Réunion | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Martinique | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Mayotte | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Normandie | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Nouvelle-Aquitaine | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Occitanie | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Pays de la Loire | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Polynésie française | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Provence Alpes Côte d’Azur | 111.64 | 1572.05 | 1535.39 | 50.77 |
| Auvergne-Rhône-Alpes | 82.89 | 260.56 | 224.33 | 32.89 |
| Bourgogne-Franche-Comté | 82.89 | 260.56 | 224.33 | 32.89 |
| Bretagne | 82.89 | 260.56 | 224.33 | 32.89 |
| Centre-Val de Loire | 82.89 | 260.56 | 224.33 | 32.89 |
| Corse | 82.89 | 260.56 | 224.33 | 32.89 |
| Etranger | 82.89 | 260.56 | 224.33 | 32.89 |
| Grand Est | 82.89 | 260.56 | 224.33 | 32.89 |
| Guadeloupe | 82.89 | 260.56 | 224.33 | 32.89 |
| Guyane | 82.89 | 260.56 | 224.33 | 32.89 |
| Hauts-de-France | 82.89 | 260.56 | 224.33 | 32.89 |
| Ile-de-France | 82.89 | 260.56 | 224.33 | 32.89 |
| La Réunion | 82.89 | 260.56 | 224.33 | 32.89 |
| Martinique | 82.89 | 260.56 | 224.33 | 32.89 |
| Mayotte | 82.89 | 260.56 | 224.33 | 32.89 |
| Normandie | 82.89 | 260.56 | 224.33 | 32.89 |
| Nouvelle-Aquitaine | 82.89 | 260.56 | 224.33 | 32.89 |
| Occitanie | 82.89 | 260.56 | 224.33 | 32.89 |
| Pays de la Loire | 82.89 | 260.56 | 224.33 | 32.89 |
| Polynésie française | 82.89 | 260.56 | 224.33 | 32.89 |
| Provence Alpes Côte d’Azur | 82.89 | 260.56 | 224.33 | 32.89 |
| Auvergne-Rhône-Alpes | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Bourgogne-Franche-Comté | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Bretagne | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Centre-Val de Loire | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Corse | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Etranger | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Grand Est | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Guadeloupe | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Guyane | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Hauts-de-France | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Ile-de-France | 141.00 | 1516.24 | 1440.36 | 65.65 |
| La Réunion | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Martinique | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Mayotte | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Normandie | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Nouvelle-Aquitaine | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Occitanie | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Pays de la Loire | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Polynésie française | 141.00 | 1516.24 | 1440.36 | 65.65 |
| Provence Alpes Côte d’Azur | 141.00 | 1516.24 | 1440.36 | 65.65 |

moyregion2018=data.frame(moyregion2018)  
#write.csv(moyregion2018,"D:/PROJET S3/table.csv")

#Moyenne par Groupe de region 2018  
  
  
  
moyregion19=aggregate(donnes2019[,5:8],list(donnes2019$region),mean)  
moyregion2109=round(moyregion19[,2:5],digits=2)  
moyregion2019=merge(moyregion19[,1],moyregion2109)  
colnames(moyregion2019)=c("region","Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")  
kable(moyregion2019)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| region | Capa\_fin | Voe\_tot | Nb\_voe\_pp | Pct\_f |
| Auvergne-Rh“ne-Alpes | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Bourgogne-Franche-Comt‚ | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Bretagne | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Centre-Val de Loire | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Corse | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Etranger | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Grand Est | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Guadeloupe | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Guyane | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Hauts-de-France | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Ile-de-France | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| La R‚union | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Martinique | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Mayotte | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Normandie | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Nouvelle-Aquitaine | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Occitanie | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Pays de la Loire | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Polyn‚sie fran‡aise | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Provence Alpes C“te d’Azur | 152.33 | 1937.08 | 1876.62 | 1098.44 |
| Auvergne-Rh“ne-Alpes | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Bourgogne-Franche-Comt‚ | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Bretagne | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Centre-Val de Loire | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Corse | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Etranger | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Grand Est | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Guadeloupe | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Guyane | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Hauts-de-France | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Ile-de-France | 98.55 | 1073.73 | 1031.60 | 590.31 |
| La R‚union | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Martinique | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Mayotte | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Normandie | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Nouvelle-Aquitaine | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Occitanie | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Pays de la Loire | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Polyn‚sie fran‡aise | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Provence Alpes C“te d’Azur | 98.55 | 1073.73 | 1031.60 | 590.31 |
| Auvergne-Rh“ne-Alpes | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Bourgogne-Franche-Comt‚ | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Bretagne | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Centre-Val de Loire | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Corse | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Etranger | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Grand Est | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Guadeloupe | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Guyane | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Hauts-de-France | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Ile-de-France | 128.48 | 1304.03 | 1258.06 | 708.01 |
| La R‚union | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Martinique | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Mayotte | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Normandie | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Nouvelle-Aquitaine | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Occitanie | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Pays de la Loire | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Polyn‚sie fran‡aise | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Provence Alpes C“te d’Azur | 128.48 | 1304.03 | 1258.06 | 708.01 |
| Auvergne-Rh“ne-Alpes | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Bourgogne-Franche-Comt‚ | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Bretagne | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Centre-Val de Loire | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Corse | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Etranger | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Grand Est | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Guadeloupe | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Guyane | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Hauts-de-France | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Ile-de-France | 122.75 | 1388.14 | 1338.88 | 780.54 |
| La R‚union | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Martinique | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Mayotte | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Normandie | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Nouvelle-Aquitaine | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Occitanie | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Pays de la Loire | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Polyn‚sie fran‡aise | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Provence Alpes C“te d’Azur | 122.75 | 1388.14 | 1338.88 | 780.54 |
| Auvergne-Rh“ne-Alpes | 88.52 | 546.16 | 502.40 | 313.08 |
| Bourgogne-Franche-Comt‚ | 88.52 | 546.16 | 502.40 | 313.08 |
| Bretagne | 88.52 | 546.16 | 502.40 | 313.08 |
| Centre-Val de Loire | 88.52 | 546.16 | 502.40 | 313.08 |
| Corse | 88.52 | 546.16 | 502.40 | 313.08 |
| Etranger | 88.52 | 546.16 | 502.40 | 313.08 |
| Grand Est | 88.52 | 546.16 | 502.40 | 313.08 |
| Guadeloupe | 88.52 | 546.16 | 502.40 | 313.08 |
| Guyane | 88.52 | 546.16 | 502.40 | 313.08 |
| Hauts-de-France | 88.52 | 546.16 | 502.40 | 313.08 |
| Ile-de-France | 88.52 | 546.16 | 502.40 | 313.08 |
| La R‚union | 88.52 | 546.16 | 502.40 | 313.08 |
| Martinique | 88.52 | 546.16 | 502.40 | 313.08 |
| Mayotte | 88.52 | 546.16 | 502.40 | 313.08 |
| Normandie | 88.52 | 546.16 | 502.40 | 313.08 |
| Nouvelle-Aquitaine | 88.52 | 546.16 | 502.40 | 313.08 |
| Occitanie | 88.52 | 546.16 | 502.40 | 313.08 |
| Pays de la Loire | 88.52 | 546.16 | 502.40 | 313.08 |
| Polyn‚sie fran‡aise | 88.52 | 546.16 | 502.40 | 313.08 |
| Provence Alpes C“te d’Azur | 88.52 | 546.16 | 502.40 | 313.08 |
| Auvergne-Rh“ne-Alpes | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Bourgogne-Franche-Comt‚ | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Bretagne | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Centre-Val de Loire | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Corse | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Etranger | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Grand Est | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Guadeloupe | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Guyane | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Hauts-de-France | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Ile-de-France | 37.00 | 1526.80 | 1518.00 | 897.60 |
| La R‚union | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Martinique | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Mayotte | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Normandie | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Nouvelle-Aquitaine | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Occitanie | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Pays de la Loire | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Polyn‚sie fran‡aise | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Provence Alpes C“te d’Azur | 37.00 | 1526.80 | 1518.00 | 897.60 |
| Auvergne-Rh“ne-Alpes | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Bourgogne-Franche-Comt‚ | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Bretagne | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Centre-Val de Loire | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Corse | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Etranger | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Grand Est | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Guadeloupe | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Guyane | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Hauts-de-France | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Ile-de-France | 134.59 | 1339.80 | 1273.34 | 724.57 |
| La R‚union | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Martinique | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Mayotte | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Normandie | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Nouvelle-Aquitaine | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Occitanie | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Pays de la Loire | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Polyn‚sie fran‡aise | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Provence Alpes C“te d’Azur | 134.59 | 1339.80 | 1273.34 | 724.57 |
| Auvergne-Rh“ne-Alpes | 124.91 | 536.87 | 476.84 | 312.18 |
| Bourgogne-Franche-Comt‚ | 124.91 | 536.87 | 476.84 | 312.18 |
| Bretagne | 124.91 | 536.87 | 476.84 | 312.18 |
| Centre-Val de Loire | 124.91 | 536.87 | 476.84 | 312.18 |
| Corse | 124.91 | 536.87 | 476.84 | 312.18 |
| Etranger | 124.91 | 536.87 | 476.84 | 312.18 |
| Grand Est | 124.91 | 536.87 | 476.84 | 312.18 |
| Guadeloupe | 124.91 | 536.87 | 476.84 | 312.18 |
| Guyane | 124.91 | 536.87 | 476.84 | 312.18 |
| Hauts-de-France | 124.91 | 536.87 | 476.84 | 312.18 |
| Ile-de-France | 124.91 | 536.87 | 476.84 | 312.18 |
| La R‚union | 124.91 | 536.87 | 476.84 | 312.18 |
| Martinique | 124.91 | 536.87 | 476.84 | 312.18 |
| Mayotte | 124.91 | 536.87 | 476.84 | 312.18 |
| Normandie | 124.91 | 536.87 | 476.84 | 312.18 |
| Nouvelle-Aquitaine | 124.91 | 536.87 | 476.84 | 312.18 |
| Occitanie | 124.91 | 536.87 | 476.84 | 312.18 |
| Pays de la Loire | 124.91 | 536.87 | 476.84 | 312.18 |
| Polyn‚sie fran‡aise | 124.91 | 536.87 | 476.84 | 312.18 |
| Provence Alpes C“te d’Azur | 124.91 | 536.87 | 476.84 | 312.18 |
| Auvergne-Rh“ne-Alpes | 73.61 | 358.65 | 304.45 | 221.29 |
| Bourgogne-Franche-Comt‚ | 73.61 | 358.65 | 304.45 | 221.29 |
| Bretagne | 73.61 | 358.65 | 304.45 | 221.29 |
| Centre-Val de Loire | 73.61 | 358.65 | 304.45 | 221.29 |
| Corse | 73.61 | 358.65 | 304.45 | 221.29 |
| Etranger | 73.61 | 358.65 | 304.45 | 221.29 |
| Grand Est | 73.61 | 358.65 | 304.45 | 221.29 |
| Guadeloupe | 73.61 | 358.65 | 304.45 | 221.29 |
| Guyane | 73.61 | 358.65 | 304.45 | 221.29 |
| Hauts-de-France | 73.61 | 358.65 | 304.45 | 221.29 |
| Ile-de-France | 73.61 | 358.65 | 304.45 | 221.29 |
| La R‚union | 73.61 | 358.65 | 304.45 | 221.29 |
| Martinique | 73.61 | 358.65 | 304.45 | 221.29 |
| Mayotte | 73.61 | 358.65 | 304.45 | 221.29 |
| Normandie | 73.61 | 358.65 | 304.45 | 221.29 |
| Nouvelle-Aquitaine | 73.61 | 358.65 | 304.45 | 221.29 |
| Occitanie | 73.61 | 358.65 | 304.45 | 221.29 |
| Pays de la Loire | 73.61 | 358.65 | 304.45 | 221.29 |
| Polyn‚sie fran‡aise | 73.61 | 358.65 | 304.45 | 221.29 |
| Provence Alpes C“te d’Azur | 73.61 | 358.65 | 304.45 | 221.29 |
| Auvergne-Rh“ne-Alpes | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Bourgogne-Franche-Comt‚ | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Bretagne | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Centre-Val de Loire | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Corse | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Etranger | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Grand Est | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Guadeloupe | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Guyane | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Hauts-de-France | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Ile-de-France | 147.67 | 1432.28 | 1348.32 | 798.07 |
| La R‚union | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Martinique | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Mayotte | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Normandie | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Nouvelle-Aquitaine | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Occitanie | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Pays de la Loire | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Polyn‚sie fran‡aise | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Provence Alpes C“te d’Azur | 147.67 | 1432.28 | 1348.32 | 798.07 |
| Auvergne-Rh“ne-Alpes | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Bourgogne-Franche-Comt‚ | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Bretagne | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Centre-Val de Loire | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Corse | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Etranger | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Grand Est | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Guadeloupe | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Guyane | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Hauts-de-France | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Ile-de-France | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| La R‚union | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Martinique | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Mayotte | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Normandie | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Nouvelle-Aquitaine | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Occitanie | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Pays de la Loire | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Polyn‚sie fran‡aise | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Provence Alpes C“te d’Azur | 158.72 | 2898.15 | 2745.31 | 1629.80 |
| Auvergne-Rh“ne-Alpes | 135.26 | 889.72 | 806.21 | 514.57 |
| Bourgogne-Franche-Comt‚ | 135.26 | 889.72 | 806.21 | 514.57 |
| Bretagne | 135.26 | 889.72 | 806.21 | 514.57 |
| Centre-Val de Loire | 135.26 | 889.72 | 806.21 | 514.57 |
| Corse | 135.26 | 889.72 | 806.21 | 514.57 |
| Etranger | 135.26 | 889.72 | 806.21 | 514.57 |
| Grand Est | 135.26 | 889.72 | 806.21 | 514.57 |
| Guadeloupe | 135.26 | 889.72 | 806.21 | 514.57 |
| Guyane | 135.26 | 889.72 | 806.21 | 514.57 |
| Hauts-de-France | 135.26 | 889.72 | 806.21 | 514.57 |
| Ile-de-France | 135.26 | 889.72 | 806.21 | 514.57 |
| La R‚union | 135.26 | 889.72 | 806.21 | 514.57 |
| Martinique | 135.26 | 889.72 | 806.21 | 514.57 |
| Mayotte | 135.26 | 889.72 | 806.21 | 514.57 |
| Normandie | 135.26 | 889.72 | 806.21 | 514.57 |
| Nouvelle-Aquitaine | 135.26 | 889.72 | 806.21 | 514.57 |
| Occitanie | 135.26 | 889.72 | 806.21 | 514.57 |
| Pays de la Loire | 135.26 | 889.72 | 806.21 | 514.57 |
| Polyn‚sie fran‡aise | 135.26 | 889.72 | 806.21 | 514.57 |
| Provence Alpes C“te d’Azur | 135.26 | 889.72 | 806.21 | 514.57 |
| Auvergne-Rh“ne-Alpes | 99.33 | 397.83 | 356.46 | 240.38 |
| Bourgogne-Franche-Comt‚ | 99.33 | 397.83 | 356.46 | 240.38 |
| Bretagne | 99.33 | 397.83 | 356.46 | 240.38 |
| Centre-Val de Loire | 99.33 | 397.83 | 356.46 | 240.38 |
| Corse | 99.33 | 397.83 | 356.46 | 240.38 |
| Etranger | 99.33 | 397.83 | 356.46 | 240.38 |
| Grand Est | 99.33 | 397.83 | 356.46 | 240.38 |
| Guadeloupe | 99.33 | 397.83 | 356.46 | 240.38 |
| Guyane | 99.33 | 397.83 | 356.46 | 240.38 |
| Hauts-de-France | 99.33 | 397.83 | 356.46 | 240.38 |
| Ile-de-France | 99.33 | 397.83 | 356.46 | 240.38 |
| La R‚union | 99.33 | 397.83 | 356.46 | 240.38 |
| Martinique | 99.33 | 397.83 | 356.46 | 240.38 |
| Mayotte | 99.33 | 397.83 | 356.46 | 240.38 |
| Normandie | 99.33 | 397.83 | 356.46 | 240.38 |
| Nouvelle-Aquitaine | 99.33 | 397.83 | 356.46 | 240.38 |
| Occitanie | 99.33 | 397.83 | 356.46 | 240.38 |
| Pays de la Loire | 99.33 | 397.83 | 356.46 | 240.38 |
| Polyn‚sie fran‡aise | 99.33 | 397.83 | 356.46 | 240.38 |
| Provence Alpes C“te d’Azur | 99.33 | 397.83 | 356.46 | 240.38 |
| Auvergne-Rh“ne-Alpes | 40.72 | 569.56 | 516.52 | 367.16 |
| Bourgogne-Franche-Comt‚ | 40.72 | 569.56 | 516.52 | 367.16 |
| Bretagne | 40.72 | 569.56 | 516.52 | 367.16 |
| Centre-Val de Loire | 40.72 | 569.56 | 516.52 | 367.16 |
| Corse | 40.72 | 569.56 | 516.52 | 367.16 |
| Etranger | 40.72 | 569.56 | 516.52 | 367.16 |
| Grand Est | 40.72 | 569.56 | 516.52 | 367.16 |
| Guadeloupe | 40.72 | 569.56 | 516.52 | 367.16 |
| Guyane | 40.72 | 569.56 | 516.52 | 367.16 |
| Hauts-de-France | 40.72 | 569.56 | 516.52 | 367.16 |
| Ile-de-France | 40.72 | 569.56 | 516.52 | 367.16 |
| La R‚union | 40.72 | 569.56 | 516.52 | 367.16 |
| Martinique | 40.72 | 569.56 | 516.52 | 367.16 |
| Mayotte | 40.72 | 569.56 | 516.52 | 367.16 |
| Normandie | 40.72 | 569.56 | 516.52 | 367.16 |
| Nouvelle-Aquitaine | 40.72 | 569.56 | 516.52 | 367.16 |
| Occitanie | 40.72 | 569.56 | 516.52 | 367.16 |
| Pays de la Loire | 40.72 | 569.56 | 516.52 | 367.16 |
| Polyn‚sie fran‡aise | 40.72 | 569.56 | 516.52 | 367.16 |
| Provence Alpes C“te d’Azur | 40.72 | 569.56 | 516.52 | 367.16 |
| Auvergne-Rh“ne-Alpes | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Bourgogne-Franche-Comt‚ | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Bretagne | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Centre-Val de Loire | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Corse | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Etranger | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Grand Est | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Guadeloupe | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Guyane | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Hauts-de-France | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Ile-de-France | 127.82 | 1310.57 | 1253.49 | 741.70 |
| La R‚union | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Martinique | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Mayotte | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Normandie | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Nouvelle-Aquitaine | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Occitanie | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Pays de la Loire | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Polyn‚sie fran‡aise | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Provence Alpes C“te d’Azur | 127.82 | 1310.57 | 1253.49 | 741.70 |
| Auvergne-Rh“ne-Alpes | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Bourgogne-Franche-Comt‚ | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Bretagne | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Centre-Val de Loire | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Corse | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Etranger | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Grand Est | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Guadeloupe | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Guyane | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Hauts-de-France | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Ile-de-France | 130.82 | 1548.26 | 1497.02 | 896.25 |
| La R‚union | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Martinique | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Mayotte | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Normandie | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Nouvelle-Aquitaine | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Occitanie | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Pays de la Loire | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Polyn‚sie fran‡aise | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Provence Alpes C“te d’Azur | 130.82 | 1548.26 | 1497.02 | 896.25 |
| Auvergne-Rh“ne-Alpes | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Bourgogne-Franche-Comt‚ | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Bretagne | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Centre-Val de Loire | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Corse | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Etranger | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Grand Est | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Guadeloupe | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Guyane | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Hauts-de-France | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Ile-de-France | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| La R‚union | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Martinique | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Mayotte | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Normandie | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Nouvelle-Aquitaine | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Occitanie | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Pays de la Loire | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Polyn‚sie fran‡aise | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Provence Alpes C“te d’Azur | 146.14 | 1875.82 | 1806.66 | 1087.63 |
| Auvergne-Rh“ne-Alpes | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Bourgogne-Franche-Comt‚ | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Bretagne | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Centre-Val de Loire | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Corse | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Etranger | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Grand Est | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Guadeloupe | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Guyane | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Hauts-de-France | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Ile-de-France | 119.36 | 1432.30 | 1395.05 | 772.99 |
| La R‚union | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Martinique | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Mayotte | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Normandie | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Nouvelle-Aquitaine | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Occitanie | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Pays de la Loire | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Polyn‚sie fran‡aise | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Provence Alpes C“te d’Azur | 119.36 | 1432.30 | 1395.05 | 772.99 |
| Auvergne-Rh“ne-Alpes | 96.24 | 326.24 | 286.07 | 188.38 |
| Bourgogne-Franche-Comt‚ | 96.24 | 326.24 | 286.07 | 188.38 |
| Bretagne | 96.24 | 326.24 | 286.07 | 188.38 |
| Centre-Val de Loire | 96.24 | 326.24 | 286.07 | 188.38 |
| Corse | 96.24 | 326.24 | 286.07 | 188.38 |
| Etranger | 96.24 | 326.24 | 286.07 | 188.38 |
| Grand Est | 96.24 | 326.24 | 286.07 | 188.38 |
| Guadeloupe | 96.24 | 326.24 | 286.07 | 188.38 |
| Guyane | 96.24 | 326.24 | 286.07 | 188.38 |
| Hauts-de-France | 96.24 | 326.24 | 286.07 | 188.38 |
| Ile-de-France | 96.24 | 326.24 | 286.07 | 188.38 |
| La R‚union | 96.24 | 326.24 | 286.07 | 188.38 |
| Martinique | 96.24 | 326.24 | 286.07 | 188.38 |
| Mayotte | 96.24 | 326.24 | 286.07 | 188.38 |
| Normandie | 96.24 | 326.24 | 286.07 | 188.38 |
| Nouvelle-Aquitaine | 96.24 | 326.24 | 286.07 | 188.38 |
| Occitanie | 96.24 | 326.24 | 286.07 | 188.38 |
| Pays de la Loire | 96.24 | 326.24 | 286.07 | 188.38 |
| Polyn‚sie fran‡aise | 96.24 | 326.24 | 286.07 | 188.38 |
| Provence Alpes C“te d’Azur | 96.24 | 326.24 | 286.07 | 188.38 |
| Auvergne-Rh“ne-Alpes | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Bourgogne-Franche-Comt‚ | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Bretagne | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Centre-Val de Loire | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Corse | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Etranger | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Grand Est | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Guadeloupe | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Guyane | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Hauts-de-France | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Ile-de-France | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| La R‚union | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Martinique | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Mayotte | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Normandie | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Nouvelle-Aquitaine | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Occitanie | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Pays de la Loire | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Polyn‚sie fran‡aise | 145.40 | 2008.84 | 1928.46 | 1196.55 |
| Provence Alpes C“te d’Azur | 145.40 | 2008.84 | 1928.46 | 1196.55 |

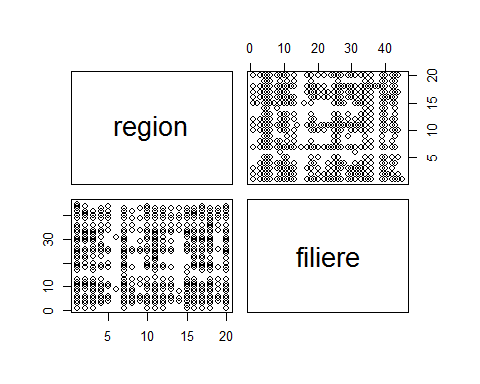
#write.csv(tabemoy,"D:/PROJET S3/tabler.csv")

#BIVARIER ENTRE LES VARIABLES QUALITATIVES

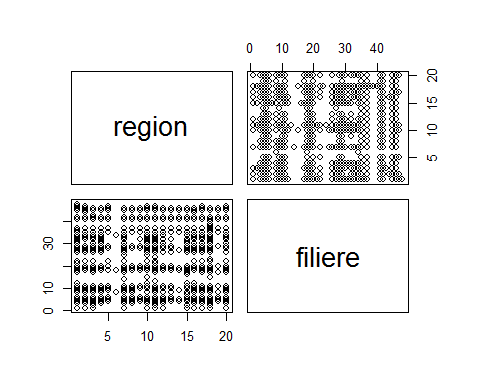
# Pour cette analyse , on utilisera les variables quantitatives centrées du Tableau  
#Croisement quanti-quanti  
  
# fonctions matrices de p-values  
cort=function(x,y) {  
 present=!is.na(apply(data.frame(x,y),1,sum))  
 return(cor.test(as.numeric(x[[1]][present]),as.numeric(y[[1]][present]))[[3]])  
}  
  
#   
matpvalue=function(donnes2018){  
p=ncol(donnes2018)  
 mat=matrix(0,nrow=p,ncol=p)  
 dimnames(mat)=list(colnames(donnes2018),colnames(donnes2018))  
 for (i in 1:(p-1))  
 for (j in ((i+1):p))  
 {  
 mat[i,j]=cort(donnes2018[,i],donnes2018[,j])  
 mat[j,i]=mat[i,j]  
 }  
 return(mat)  
}  
  
panel.cor\_simple=function(x, y, digits=2, prefix="", cex.cor)  
 {  
 usr =par("usr"); on.exit(par(usr))  
 par(usr = c(0, 1, 0, 1))  
 r =cor(x, y)  
 txt =format(c(r, 0.123456789), digits=digits)[1]  
 txt =paste(prefix, txt, sep="")  
 if(missing(cex.cor)) cex=0.8/strwidth(txt)  
 test=cor.test(x,y)  
 # borrowed from printCoefmat  
 Signif=symnum(test$p.value, corr = FALSE, na = FALSE,  
 cutpoints = c(0, 0.001, 0.01, 0.05, 0.1, 1),  
 symbols = c("\*\*\*", "\*\*", "\*", ".", " "))  
  
 text(0.5, 0.5, txt, cex = cex \* abs(r))  
 text(.8, .8, Signif, cex=cex, col=2)  
 }

#BIVARIE ENTRE LES VARIABLE QUALITATIVE

pairs(donnes2018[,2:3])



pairs(donnes2019[,3:4])



#tests d’égalité de moyennes

##variables 2018

teststatut=data.frame(par$Statut,par$Capacit..de.l..tablissement.par.formation,par$Effectif.total.des.candidats.pour.une.formation,par$Effectif.total.des.candidats.en.phase.principale,par$Dont.effectif.des.candidates.pour.une.formation)  
colnames(teststatut)=c("statut", "Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")  
summary(teststatut)

## statut Capa\_fin Voe\_tot Nb\_voe\_pp   
## Priv‚ :2326 Min. : 1.00 Min. : 0.0 Min. : 0.0   
## Public:9251 1st Qu.: 22.00 1st Qu.: 168.0 1st Qu.: 147.0   
## Median : 34.00 Median : 353.0 Median : 318.0   
## Mean : 62.18 Mean : 780.3 Mean : 746.1   
## 3rd Qu.: 55.00 3rd Qu.: 818.0 3rd Qu.: 767.0   
## Max. :3100.00 Max. :16899.0 Max. :16899.0   
## NA's :19   
## Pct\_f   
## Min. : 0.0   
## 1st Qu.: 47.0   
## Median : 162.0   
## Mean : 440.7   
## 3rd Qu.: 427.0   
## Max. :12182.0   
##

teststatut$statut=as.numeric(teststatut$statut);levels(teststatut$statut)

## NULL

t.test(Capa\_fin~statut,data =teststatut)

##   
## Welch Two Sample t-test  
##   
## data: Capa\_fin by statut  
## t = -17.135, df = 11173, p-value < 2.2e-16  
## alternative hypothesis: true difference in means is not equal to 0  
## 95 percent confidence interval:  
## -30.29103 -24.07214  
## sample estimates:  
## mean in group 1 mean in group 2   
## 40.46343 67.64501

t.test(Voe\_tot~statut,data =teststatut )

##   
## Welch Two Sample t-test  
##   
## data: Voe\_tot by statut  
## t = -21.332, df = 5954.6, p-value < 2.2e-16  
## alternative hypothesis: true difference in means is not equal to 0  
## 95 percent confidence interval:  
## -508.4256 -422.8436  
## sample estimates:  
## mean in group 1 mean in group 2   
## 408.2365 873.8710

t.test(Nb\_voe\_pp~statut,data =teststatut )

##   
## Welch Two Sample t-test  
##   
## data: Nb\_voe\_pp by statut  
## t = -20.763, df = 5911.6, p-value < 2.2e-16  
## alternative hypothesis: true difference in means is not equal to 0  
## 95 percent confidence interval:  
## -495.8759 -410.3164  
## sample estimates:  
## mean in group 1 mean in group 2   
## 384.0288 837.1250

t.test(Pct\_f~statut,data =teststatut )

##   
## Welch Two Sample t-test  
##   
## data: Pct\_f by statut  
## t = -16.08, df = 5437.3, p-value < 2.2e-16  
## alternative hypothesis: true difference in means is not equal to 0  
## 95 percent confidence interval:  
## -294.2413 -230.2935  
## sample estimates:  
## mean in group 1 mean in group 2   
## 231.1432 493.4106

#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

###fait la cartographie sur R  
#library(knitr)  
#library(maptools)  
#library(classInt)  
#library(RColorBrewer)

#setwd("D:/PROJET S3/fond de carte")  
#carted=readShapePoly("FRA\_adm2")  
#plot(carted)  
#head(carted@data)

##carte avec numeros de departements  
##methode la plus courte  
#head(carted@data)  
#text(coordinates(carted),labels = carted$CCA\_2,cex=0.6)  
#carted$

#eff=table(p2019$Département.de.l.établissement)  
#effc=table(p2019$Code.départemental.de.l.établissement )  
#nbrformc=data.frame(dep=names(effc),effc)  
#nbrformc$dep=as.character(nbrformc$dep)  
#head(nbrformc)  
#for (i in (1:nrow(nbrformc))) if (nchar(nbrformc$dep[i])==1)  
 # nbrformc$dep[i]=paste("0",nbrformc$dep[i],sep = "")  
#nbrformc

#fusion  
#cartedep=merge(carted,nbrformc,by.x="CCA\_2",by.y="dep",sort=FALSE)  
#cartedep=merge(carted,nbrformc,by.x="CCA\_2", by.y="dep",sort=FALSE)  
#dim(carted)  
#plot(carted)  
#head(carted@data)  
#plot(cartedep)

#discretisation de la variable freq  
#r1=classIntervals(cartedep$Freq,5,style = "quantile")  
#mypal=c("green","red")  
#colMap=findColours(r1,mypal)  
#leglabs(r1$brks)  
#◘intervalles=c("<36.4","36.4-51")

#plot(cartedep,col=colMap,main="Nombre de formations par departement")  
#axis(1);axis(2)  
#legend(-8,46,legend = leglabs(r1$brks),fill=attr(colMap,"palette"),bty="n",tile="Nb de formations par #departement",cex = 0.6)

#ANALYSE MULTIPLE VARIARE

#install.packages("stringr", dependencies=TRUE)  
library(stringr)

## Warning: package 'stringr' was built under R version 3.6.3

#parcours 2018  
var2018= data.frame(p2018$Capacité.de.l.établissement.par.formation,p2018$Effectif.total.des.candidats.pour.une.formation,p2018$Effectif.total.des.candidats.en.phase.principale,p2018$Dont.effectif.des.candidates.admises )  
var2018[is.na(var2018)]=0  
acp2018=aggregate(var2018,by=list(str\_c(p2018[,3],"/2018")),mean,na.rm=TRUE)  
acp2018[is.na(acp2018)]=0  
colnames(acp2018)=c("codetabissement", "Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")

#parcours 2018  
var2019=data.frame(par[,5:8])  
var2019[is.na(var2019)]=0  
  
acp2019=aggregate(var2019,by=list(str\_c(p2019$Code.UAI.de.l.établissement,"/2019")),mean,na.rm=TRUE)   
acp2019[is.na(acp2019)]=0  
colnames(acp2019)=c("codetabissement","Capa\_fin","Voe\_tot","Nb\_voe\_pp","Pct\_f")

#FUSION DES DEUX PARCOURS POUR L ACP

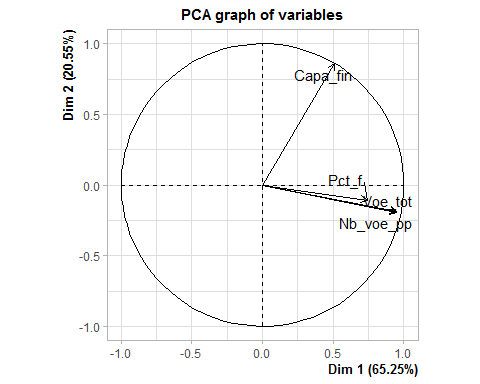
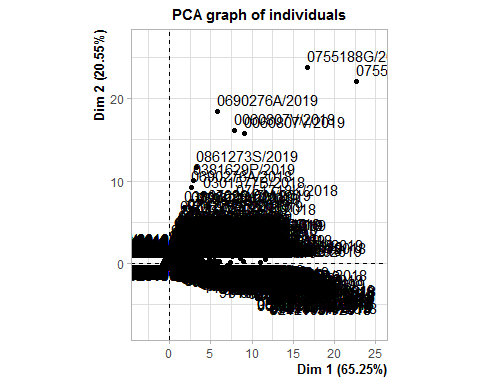
parcourens=rbind(acp2018,acp2019)  
  
  
#write.table(parcourens, "D:/PROJET S3/fusionparcours.csv", sep=";")

#REALISATION DE L ACP

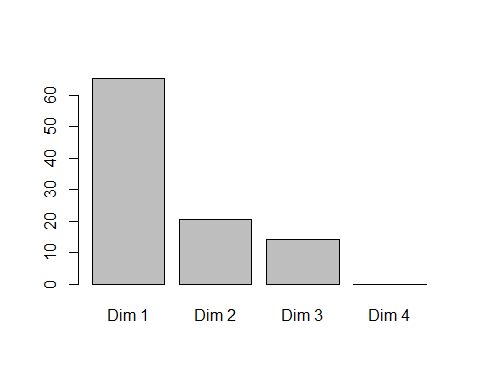
paracp=read.csv("D:/PROJET S3/fusionparcours.csv",sep = ";", header = TRUE,row.names = 1)  
library(FactoMineR)

## Warning: package 'FactoMineR' was built under R version 3.6.3

library(knitr)  
  
resacp=PCA(paracp,ncp=4)



barplot(resacp$eig[,2],names=paste("Dim",1:nrow(resacp$eig)))



resacp$eig # valeurs propres, pourcentages d’inertie et cumuls

## eigenvalue percentage of variance cumulative percentage of variance  
## comp 1 2.6101381895 65.253454738 65.25345  
## comp 2 0.8220251044 20.550627610 85.80408  
## comp 3 0.5675986388 14.189965970 99.99405  
## comp 4 0.0002380673 0.005951682 100.00000

resacp$var$coord # coordonnées des variables

## Dim.1 Dim.2 Dim.3 Dim.4  
## Capa\_fin 0.5102368 0.8595611 -0.02851621 5.747993e-05  
## Voe\_tot 0.9494993 -0.1870765 -0.25166329 -1.091505e-02  
## Nb\_voe\_pp 0.9487743 -0.1919348 -0.25073789 1.090530e-02  
## Pct\_f 0.7403209 -0.1065051 0.66376318 -1.643119e-05

resacp$var$cos2 # cosinus carrés des variables

## Dim.1 Dim.2 Dim.3 Dim.4  
## Capa\_fin 0.2603416 0.73884521 0.0008131741 3.303942e-09  
## Voe\_tot 0.9015489 0.03499760 0.0633344108 1.191382e-04  
## Nb\_voe\_pp 0.9001726 0.03683896 0.0628694886 1.189255e-04  
## Pct\_f 0.5480751 0.01134334 0.4405815652 2.699840e-10

resacp$ind$coord # coordonnées des individus

## Dim.1 Dim.2 Dim.3  
## 0010001W/2018 -7.065243e-01 -2.872616e-01 -6.672987e-02  
## 0010006B/2018 -4.103549e-01 -2.308267e-01 -2.005752e-01  
## 0010013J/2018 -2.924490e-01 5.873202e-02 -2.250249e-01  
## 0010014K/2018 -5.119017e-01 -1.091013e-01 -1.208869e-01  
## 0010016M/2018 -6.296055e-01 -2.715843e-01 -1.039556e-01  
## 0010034G/2018 -7.590429e-01 -1.966306e-01 -2.099595e-02  
## 0010059J/2018 -6.465455e-01 -7.483038e-02 -5.001863e-02  
## 0010070W/2018 -7.384095e-01 -2.216748e-01 -3.105289e-02  
## 0010072Y/2018 -3.954851e-01 -2.354697e-01 -1.928019e-01  
## 0010819K/2018 -6.543573e-01 -9.030058e-04 -4.992566e-02  
## 0011118K/2018 -6.855539e-01 8.194108e-02 -2.500405e-02  
## 0011119L/2018 -7.986262e-01 -3.440569e-01 -2.524774e-02  
## 0011194T/2018 -5.603582e-01 -1.776797e-01 -1.212330e-01  
## 0011276G/2018 -7.348823e-01 -2.771542e-01 -5.063856e-02  
## 0011329P/2018 -7.024868e-02 7.137408e-01 -1.970052e-01  
## 0011402U/2018 -6.466776e-01 1.402973e-01 -2.127107e-02  
## 0020012C/2018 -7.151487e-01 -2.299073e-01 -4.192978e-02  
## 0020014E/2018 -6.517340e-01 -4.623889e-02 -4.813002e-02  
## 0020031Y/2018 -6.963805e-01 -1.022824e-01 -3.755504e-02  
## 0020032Z/2018 -5.873023e-01 2.919366e-02 -7.676516e-02  
## 0020034B/2018 -6.349608e-01 -7.970712e-02 -7.570256e-02  
## 0020048S/2018 -4.765543e-01 -2.700626e-01 -1.731060e-01  
## 0020049T/2018 -4.801945e-01 -1.162312e-01 -1.455154e-01  
## 0020050U/2018 -6.539129e-01 -1.533034e-01 -6.778532e-02  
## 0020051V/2018 -7.695976e-01 -2.646359e-01 -2.630067e-02  
## 0020059D/2018 -5.946974e-01 3.234402e-02 -5.963714e-02  
## 0020060E/2018 -7.414846e-01 -2.564855e-01 -3.407617e-02  
## 0020079A/2018 -8.407610e-01 -2.932688e-01 2.287031e-03  
## 0020087J/2018 -3.803481e-01 4.933056e-01 -1.207981e-01  
## 0021476U/2018 -7.833158e-01 -2.599149e-01 -2.256841e-02  
## 0021522U/2018 -6.663327e-01 -1.396742e-01 -5.414344e-02  
## 0021818R/2018 -6.319042e-01 2.691879e-02 -5.904989e-02  
## 0021869W/2018 -7.629888e-01 -1.057036e-01 -9.125372e-03  
## 0021873A/2018 -6.270786e-01 2.227643e-01 -2.624732e-02  
## 0021874B/2018 -5.481795e-01 9.960357e-02 -7.064130e-02  
## 0021939X/2018 -7.020729e-01 -1.275456e-01 -4.774993e-02  
## 0021958T/2018 -1.625972e-01 5.060710e-01 -2.191335e-01  
## 0021964Z/2018 5.540940e-01 1.508756e+00 -3.827826e-01  
## 0021998L/2018 -3.602995e-01 2.528746e-01 -1.725164e-01  
## 0022044L/2018 -6.488247e-01 5.120665e-02 -3.778848e-02  
## 0022049S/2018 6.801157e-01 2.842181e+00 -3.084836e-01  
## 0022108F/2018 -5.236591e-01 9.700505e-02 -8.067812e-02  
## 0022134J/2018 2.170363e+00 -2.441736e-01 -1.550954e+00  
## 0030025L/2018 -6.304802e-01 -4.485502e-02 -5.841193e-02  
## 0030026M/2018 -6.446525e-01 -1.535802e-01 -7.187071e-02  
## 0030038A/2018 -6.769959e-01 -2.149359e-01 -6.370214e-02  
## 0030051P/2018 -6.139395e-01 -2.158315e-01 -9.499516e-02  
## 0030061A/2018 -8.137011e-01 -2.491262e-01 -5.902553e-03  
## 0030094L/2018 -7.280501e-01 -2.612652e-01 -4.170092e-02  
## 0030098R/2018 -2.331410e-01 1.243268e-01 -2.459818e-01  
## 0030858S/2018 -8.619538e-01 -4.424811e-01 -5.147951e-03  
## 0030905T/2018 -8.265845e-01 -3.699999e-01 -1.531739e-02  
## 0030935A/2018 -6.538218e-01 -2.736651e-02 -3.963574e-02  
## 0031041R/2018 -7.258413e-01 -1.183664e-01 -1.689474e-02  
## 0031043T/2018 -6.167383e-01 -5.032132e-02 -8.068678e-02  
## 0031060L/2018 -9.146637e-02 7.325804e-01 -1.999696e-01  
## 0031082K/2018 -5.877106e-01 -2.394532e-01 -1.106352e-01  
## 0031092W/2018 3.142958e-01 4.954644e-02 -5.268430e-01  
## 0031121C/2018 1.651598e+00 1.473898e+00 -1.022685e+00  
## 0040010P/2018 -4.843353e-01 -6.824483e-03 -1.253998e-01  
## 0040027H/2018 -6.490588e-01 -1.459473e-01 -6.625708e-02  
## 0040490L/2018 -6.690708e-01 -8.538763e-02 -5.641940e-02  
## 0040522W/2018 1.508636e-02 2.284952e-01 -3.272026e-01  
## 0040533H/2018 -7.459323e-01 -2.732411e-01 -4.436394e-02  
## 0050003B/2018 -7.778716e-01 -2.618540e-01 -2.624101e-02  
## 0050005D/2018 -7.700800e-01 -2.645574e-01 -2.834285e-02  
## 0050006E/2018 -5.983379e-01 -3.247176e-02 -7.520374e-02  
## 0050007F/2018 -6.404214e-01 -7.695447e-02 -5.467020e-02  
## 0050604E/2018 -1.680243e-02 7.593675e-01 -2.467650e-01  
## 0050607H/2018 5.803780e-02 7.861129e-01 -2.901654e-01  
## 0060001U/2018 -3.771150e-01 -2.365592e-01 -2.165270e-01  
## 0060009C/2018 -1.656747e-01 -1.204058e-01 -3.050522e-01  
## 0060011E/2018 -4.930216e-01 -3.450014e-01 -1.783356e-01  
## 0060013G/2018 -1.492257e-01 -3.235920e-01 -3.453047e-01  
## 0060014H/2018 -6.029311e-01 -1.132881e-01 -9.194994e-02  
## 0060015J/2018 -6.867458e-01 -2.936973e-01 -6.290060e-02  
## 0060020P/2018 -5.102672e-01 -9.670559e-02 -1.307278e-01  
## 0060022S/2018 -7.642678e-01 -2.662455e-01 -2.237892e-02  
## 0060023T/2018 -6.617333e-01 -1.053631e-01 -4.849418e-02  
## 0060026W/2018 -7.100252e-01 -1.240257e-01 -2.586548e-02  
## 0060030A/2018 4.256512e-01 5.485943e-01 -4.931664e-01  
## 0060031B/2018 1.960279e-01 -2.490539e-01 -5.091767e-01  
## 0060033D/2018 -3.503780e-01 -7.040289e-02 -1.970743e-01  
## 0060034E/2018 -5.187519e-01 5.480234e-03 -9.771391e-02  
## 0060038J/2018 -7.412885e-01 -2.568285e-01 -4.113647e-02  
## 0060042N/2018 -4.042349e-01 -2.329690e-01 -2.052210e-01  
## 0060075Z/2018 -4.285754e-01 2.336393e-02 -1.627767e-01  
## 0060670W/2018 -3.051684e-01 4.504397e-01 -1.230246e-01  
## 0060673Z/2018 -4.626685e-01 3.041470e-03 -1.380447e-01  
## 0060674A/2018 -7.357601e-01 -1.150126e-01 -1.589924e-02  
## 0060677D/2018 -5.200587e-01 6.083962e-03 -9.583048e-02  
## 0060793E/2018 -6.470660e-01 -1.467089e-01 -6.912817e-02  
## 0060807V/2018 7.816862e+00 1.615793e+01 -1.503106e+00  
## 0060914L/2018 1.308730e+00 1.077647e+00 -8.607252e-01  
## 0060931E/2018 7.662800e-01 2.353617e+00 -3.815488e-01  
## 0061005K/2018 -7.929887e-01 -3.997357e-01 -3.388326e-02  
## 0061478Z/2018 -6.168359e-01 -2.779901e-01 -1.068774e-01  
## 0061642C/2018 -5.475235e-02 4.858439e-01 -2.686602e-01  
## 0061643D/2018 1.175857e+00 2.088260e-01 -9.589091e-01  
## 0061691F/2018 -5.703154e-01 -1.381188e-01 -1.061685e-01  
## 0061760F/2018 -5.820811e-01 -1.694977e-01 -9.732218e-02  
## 0061763J/2018 -5.913420e-01 -1.666204e-01 -1.024883e-01  
## 0061817T/2018 -1.659228e-01 3.550212e-01 -2.314536e-01  
## 0061841U/2018 6.793820e-01 2.075046e-01 -6.703501e-01  
## 0061887U/2018 -2.743413e-01 -1.890496e-01 -2.519254e-01  
## 0062015H/2018 -6.299663e-01 -1.883932e-01 -7.840735e-02  
## 0062088M/2018 8.916261e-02 -1.220925e-01 -4.539522e-01  
## 0062089N/2018 -7.772155e-01 -3.155931e-01 -2.683097e-02  
## 0062104E/2018 -1.165287e-01 -4.888258e-02 -3.372175e-01  
## 0070001N/2018 -6.462397e-01 -1.379845e-01 -6.666310e-02  
## 0070002P/2018 -6.333514e-01 -2.231125e-01 -8.241754e-02  
## 0070003R/2018 -7.094733e-01 -2.678282e-01 -5.108610e-02  
## 0070004S/2018 -5.647264e-01 -1.763348e-01 -1.257142e-01  
## 0070021K/2018 -4.692445e-01 -6.591299e-02 -1.341444e-01  
## 0070029U/2018 -5.711155e-01 -8.372029e-02 -8.986038e-02  
## 0070064G/2018 -7.585214e-01 -2.416657e-01 -2.842429e-02  
## 0070071P/2018 -7.977361e-01 -2.544153e-01 -5.702860e-03  
## 0071125K/2018 -5.050171e-01 -1.433501e-01 -1.391034e-01  
## 0071126L/2018 -6.880160e-01 -1.499188e-01 -4.538635e-02  
## 0071231A/2018 -7.560424e-01 -9.014519e-02 -7.781675e-03  
## 0071351F/2018 -6.884650e-01 -1.319191e-01 -4.389363e-02  
## 0071445H/2018 -8.633329e-01 -4.136554e-01 -1.643434e-03  
## 0080007P/2018 -5.133275e-01 -6.208045e-02 -1.095691e-01  
## 0080008R/2018 -7.855359e-01 -2.949518e-01 -2.623651e-02  
## 0080010T/2018 -5.276386e-01 8.441599e-03 -9.846592e-02  
## 0080027L/2018 -5.627418e-01 2.059193e-02 -8.664680e-02  
## 0080045F/2018 -5.857067e-01 -2.462952e-02 -7.540569e-02  
## 0080047H/2018 -7.426201e-01 -1.399998e-01 -2.832237e-02  
## 0080804F/2018 -6.699431e-01 -3.116387e-02 -4.469976e-02  
## 0080863V/2018 -5.500903e-01 -7.344198e-02 -1.034565e-01  
## 0080944H/2018 -7.710374e-01 -8.498965e-02 -3.904468e-03  
## 0081045T/2018 -5.163897e-01 3.621764e-01 -7.559286e-02  
## 0081047V/2018 -3.746449e-01 4.927490e-01 -8.639324e-02  
## 0081084K/2018 -2.377639e-01 4.885505e-01 -1.691311e-01  
## 0090002D/2018 -6.072434e-01 -1.607690e-01 -8.883295e-02  
## 0090006H/2018 -7.331571e-01 -2.775508e-01 -4.582498e-02  
## 0090013R/2018 -7.490261e-01 -2.183734e-01 -3.543937e-02  
## 0090015T/2018 -5.379965e-01 1.195716e-02 -9.605598e-02  
## 0090022A/2018 -6.467336e-01 -1.465434e-01 -6.178652e-02  
## 0090660U/2018 -4.655758e-01 4.343602e-01 -7.627234e-02  
## 0100004A/2018 -8.121357e-01 -2.855255e-01 -1.157056e-02  
## 0100015M/2018 -6.721313e-01 -1.379263e-01 -6.012640e-02  
## 0100022V/2018 -3.982197e-01 -3.422577e-02 -1.774672e-01  
## 0100023W/2018 -5.367160e-01 -7.785802e-02 -1.026525e-01  
## 0100025Y/2018 -6.532943e-01 -1.895025e-01 -7.639044e-02  
## 0100059K/2018 -7.277916e-01 -1.628555e-01 -3.073326e-02  
## 0100674H/2018 4.228089e+00 -1.379085e+00 -2.761577e+00  
## 0100684P/2018 1.418251e-01 8.407370e-01 -3.078544e-01  
## 0100734U/2018 -6.488281e-01 5.080294e-02 -4.821094e-02  
## 0100735V/2018 -6.939095e-01 -1.301754e-01 -4.543433e-02  
## 0101016A/2018 -5.504147e-01 -1.330205e-02 -8.991491e-02  
## 0101022G/2018 -8.165829e-01 -2.478221e-01 2.681044e-03  
## 0101037Y/2018 3.205316e-03 1.389278e+00 -1.556448e-01  
## 0101060Y/2018 5.674887e+00 2.104926e+00 -2.995386e+00  
## 0110004V/2018 -5.636014e-01 -5.971513e-03 -8.916270e-02  
## 0110007Y/2018 -6.175811e-01 -2.003624e-01 -9.495281e-02  
## 0110012D/2018 -5.939038e-01 -1.477413e-01 -9.826410e-02  
## 0110022P/2018 -2.042198e-01 -1.960411e-01 -2.905054e-01  
## 0110023R/2018 -5.023046e-01 -3.079268e-02 -1.251227e-01  
## 0110045P/2018 -6.148770e-01 5.734357e-02 -4.888645e-02  
## 0110669T/2018 -5.133934e-01 -1.524954e-01 -1.403817e-01  
## 0110982H/2018 1.771462e-01 9.911268e-02 -4.345625e-01  
## 0110983J/2018 -4.940627e-01 -5.758621e-02 -1.327983e-01  
## 0110986M/2018 4.184998e-01 2.094942e+00 -2.225257e-01  
## 0111024D/2018 -7.289966e-01 -9.960887e-02 -1.942763e-02  
## 0111043Z/2018 -4.917685e-01 1.759773e-01 -6.712900e-02  
## 0120006S/2018 -7.290321e-01 -2.521370e-01 -4.458141e-02  
## 0120012Y/2018 -7.368383e-01 -2.224279e-01 -3.657519e-02  
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resacp$ind$cos2 # cosinus carrés des individus

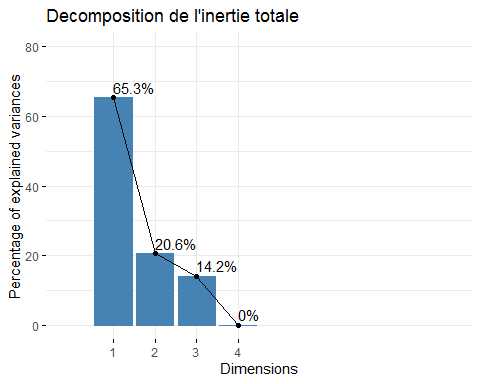
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## 9720615L/2019 9.918181e-01 8.077491e-03 9.434295e-05 1.009561e-05  
## 9720616M/2019 9.708091e-01 2.917006e-02 7.505251e-07 2.013048e-05  
## 9720692V/2019 9.464710e-01 5.254178e-02 9.821217e-04 5.136442e-06  
## 9720695Y/2019 9.330874e-01 6.491117e-02 1.927155e-03 7.425219e-05  
## 9720719Z/2019 6.580709e-01 3.416711e-01 4.630295e-06 2.534286e-04  
## 9720725F/2019 9.576356e-01 4.060315e-02 1.734807e-03 2.640308e-05  
## 9720726G/2019 8.737772e-01 1.259323e-01 2.338567e-04 5.665171e-05  
## 9720727H/2019 9.746871e-01 1.428820e-02 1.077450e-02 2.501567e-04  
## 9720771F/2019 8.867725e-01 1.132157e-01 1.280597e-06 1.055751e-05  
## 9720779P/2019 9.265094e-01 7.321699e-02 2.116279e-04 6.198413e-05  
## 9720791C/2019 8.134816e-01 1.855806e-01 8.862626e-04 5.154982e-05  
## 9720823M/2019 9.713617e-01 2.829914e-02 2.669357e-04 7.217803e-05  
## 9720825P/2019 9.553780e-01 3.540750e-02 9.211882e-03 2.658534e-06  
## 9720832X/2019 1.773582e-02 9.822585e-01 4.073417e-06 1.659657e-06  
## 9720843J/2019 9.414198e-01 4.883274e-02 9.742021e-03 5.401917e-06  
## 9720888H/2019 9.249831e-01 7.317514e-02 1.732697e-03 1.090376e-04  
## 9720920T/2019 4.816842e-01 5.179871e-01 2.070004e-04 1.217022e-04  
## 9730001N/2019 9.697925e-01 1.219202e-02 1.801468e-02 8.506519e-07  
## 9730094P/2019 9.058481e-01 9.406825e-02 2.423643e-05 5.939504e-05  
## 9730108E/2019 9.341647e-01 6.040226e-02 5.333595e-03 9.944617e-05  
## 9730144U/2019 3.216565e-01 5.961168e-02 6.183578e-01 3.740590e-04  
## 9730186P/2019 9.183388e-01 8.096277e-02 6.637867e-04 3.465957e-05  
## 9730196A/2019 9.106055e-01 8.842856e-02 8.772564e-04 8.864986e-05  
## 9730235T/2019 8.577744e-01 1.359611e-01 6.194003e-03 7.048103e-05  
## 9730279R/2019 8.802339e-02 9.107607e-01 1.121164e-03 9.477049e-05  
## 9730308X/2019 8.837214e-01 1.134893e-01 2.787848e-03 1.437379e-06  
## 9730309Y/2019 9.261609e-01 6.920269e-02 4.561048e-03 7.532459e-05  
## 9730328U/2019 9.426575e-01 5.608138e-02 1.245171e-03 1.598136e-05  
## 9730336C/2019 8.913488e-01 9.600234e-02 1.254936e-02 9.947619e-05  
## 9730364H/2019 8.812015e-01 1.186521e-01 8.288745e-05 6.355550e-05  
## 9730371R/2019 8.331764e-01 1.514573e-01 1.478828e-02 5.780294e-04  
## 9730408F/2019 8.769282e-01 7.787518e-02 4.406136e-02 1.135303e-03  
## 9730421V/2019 9.007940e-01 9.886876e-02 3.370359e-04 2.435421e-07  
## 9730423X/2019 8.787681e-01 1.211149e-01 9.849491e-05 1.856471e-05  
## 9730429D/2019 6.264533e-03 9.931120e-01 5.119186e-04 1.115262e-04  
## 9730514W/2019 8.931002e-01 1.066933e-01 1.708700e-04 3.562408e-05  
## 9740001H/2019 7.972172e-01 8.187172e-03 1.943800e-01 2.155945e-04  
## 9740002J/2019 8.856664e-01 9.031249e-02 2.396019e-02 6.088214e-05  
## 9740015Y/2019 8.968605e-01 9.668821e-02 6.233320e-03 2.180146e-04  
## 9740019C/2019 7.441893e-01 2.376183e-01 1.812316e-02 6.927273e-05  
## 9740043D/2019 8.462024e-01 2.114685e-02 1.144702e-01 1.818060e-02  
## 9740045F/2019 8.445062e-01 1.229928e-01 3.242145e-02 7.953259e-05  
## 9740053P/2019 9.797034e-01 6.392788e-03 1.387766e-02 2.616047e-05  
## 9740054C/2019 5.177158e-01 4.792243e-01 2.613081e-03 4.468746e-04  
## 9740054R/2019 9.835143e-01 7.411966e-06 1.640902e-02 6.923448e-05  
## 9740078S/2019 9.263445e-01 7.346788e-02 1.182921e-04 6.930555e-05  
## 9740082W/2019 5.864950e-01 3.713844e-01 4.199251e-02 1.280770e-04  
## 9740471U/2019 9.370308e-01 6.216871e-02 8.004603e-04 2.339815e-08  
## 9740472V/2019 9.065961e-01 9.270720e-02 6.850375e-04 1.169445e-05  
## 9740478B/2019 1.268526e-01 8.729035e-01 1.387700e-04 1.051394e-04  
## 9740479C/2019 9.165812e-01 7.958735e-02 2.726815e-03 1.104680e-03  
## 9740552G/2019 8.690624e-01 1.294826e-01 4.600939e-04 9.949487e-04  
## 9740575G/2019 8.942916e-01 9.318654e-02 1.221440e-02 3.074600e-04  
## 9740597F/2019 1.121774e-01 2.199671e-02 8.657375e-01 8.840387e-05  
## 9740679V/2019 9.987128e-01 8.701607e-07 1.160145e-03 1.261573e-04  
## 9740737H/2019 8.901821e-01 1.094807e-01 3.028878e-04 3.430023e-05  
## 9740738J/2019 9.904098e-01 7.448436e-03 2.060562e-03 8.120145e-05  
## 9740787M/2019 9.743939e-01 7.107774e-04 2.489523e-02 5.865834e-08  
## 9740831K/2019 8.332917e-01 3.070412e-05 1.666694e-01 8.219644e-06  
## 9740833M/2019 8.400600e-01 1.742424e-03 1.581895e-01 8.102015e-06  
## 9740910W/2019 9.196214e-01 7.879738e-02 1.545247e-03 3.597804e-05  
## 9740911X/2019 7.388715e-01 2.610982e-01 1.444327e-05 1.585880e-05  
## 9740921H/2019 4.179331e-01 4.527376e-01 1.292244e-01 1.049273e-04  
## 9740952S/2019 9.923931e-01 1.363604e-04 7.422373e-03 4.821276e-05  
## 9740979W/2019 9.384830e-01 5.786823e-02 3.554292e-03 9.445112e-05  
## 9741046U/2019 9.258074e-01 2.635986e-02 4.774782e-02 8.493469e-05  
## 9741050Y/2019 7.096285e-01 2.016380e-01 8.788636e-02 8.471074e-04  
## 9741051Z/2019 8.833823e-01 1.164267e-01 9.539524e-05 9.561194e-05  
## 9741052A/2019 8.807426e-01 1.191724e-01 1.640285e-05 6.856412e-05  
## 9741060J/2019 9.990273e-01 5.575491e-04 3.802135e-04 3.496475e-05  
## 9741087N/2019 6.150954e-01 3.224411e-01 6.246344e-02 1.062008e-07  
## 9741101D/2019 5.266206e-01 4.731221e-01 3.704507e-06 2.535651e-04  
## 9741103F/2019 8.701011e-01 1.223235e-01 7.119362e-03 4.560696e-04  
## 9741173G/2019 9.123593e-01 8.667645e-02 8.015719e-04 1.626469e-04  
## 9741180P/2019 7.309407e-01 5.827733e-02 2.088769e-01 1.905146e-03  
## 9741182S/2019 8.958929e-01 1.034756e-01 5.907228e-04 4.070781e-05  
## 9741185V/2019 1.362989e-03 5.867200e-01 4.105539e-01 1.363125e-03  
## 9741186W/2019 8.562540e-01 1.408653e-01 2.879164e-03 1.470789e-06  
## 9741204R/2019 1.267100e-01 8.732434e-01 5.739775e-06 4.087313e-05  
## 9741206T/2019 8.533378e-01 1.455407e-01 1.083741e-03 3.777298e-05  
## 9741230U/2019 9.766670e-01 1.051470e-04 2.260125e-02 6.266186e-04  
## 9741231V/2019 4.641247e-01 4.117975e-01 1.239321e-01 1.457269e-04  
## 9741233X/2019 9.580961e-01 1.469521e-02 2.695520e-02 2.535444e-04  
## 9741255W/2019 9.997658e-01 1.623120e-04 6.847945e-06 6.508414e-05  
## 9741256X/2019 9.683888e-01 2.878416e-02 2.826286e-03 7.824731e-07  
## 9741263E/2019 7.380207e-01 1.924302e-01 6.912934e-02 4.197283e-04  
## 9741270M/2019 9.156700e-01 8.303847e-02 1.239528e-03 5.201259e-05  
## 9741278W/2019 8.384008e-01 1.575766e-01 3.948538e-03 7.399702e-05  
## 9741324W/2019 8.593610e-01 6.868251e-02 7.163252e-02 3.239667e-04  
## 9741380G/2019 7.638787e-01 2.171906e-01 1.881688e-02 1.138395e-04  
## 9741394X/2019 9.792904e-02 8.216107e-01 8.027406e-02 1.861967e-04  
## 9741620T/2019 7.885666e-01 2.081644e-01 3.214179e-03 5.481278e-05  
## 9741628B/2019 1.005582e-01 8.601222e-01 3.904282e-02 2.767805e-04  
## 9760125G/2019 9.589630e-01 4.003019e-02 8.880459e-04 1.188119e-04  
## 9760127J/2019 8.334136e-01 1.635640e-01 9.408793e-04 2.081612e-03  
## 9760163Y/2019 8.891548e-01 1.076252e-01 3.045999e-03 1.739767e-04  
## 9760182U/2019 5.250954e-01 3.374623e-01 1.371897e-01 2.526608e-04  
## 9760229V/2019 4.686159e-02 7.443171e-01 2.087358e-01 8.549242e-05  
## 9760270P/2019 2.166032e-03 5.865635e-01 4.107417e-01 5.288233e-04  
## 9760316P/2019 8.334737e-01 1.465719e-01 1.417288e-02 5.781448e-03  
## 9760338N/2019 7.429187e-01 2.521886e-01 4.759515e-03 1.332678e-04  
## 9760358K/2019 8.975511e-02 8.832256e-01 2.686562e-02 1.536591e-04  
## 9760363R/2019 6.283124e-01 3.126195e-01 5.893604e-02 1.320062e-04  
## 9760370Y/2019 3.787751e-02 4.175880e-01 5.377981e-01 6.736415e-03  
## 9760461X/2019 5.490215e-02 1.280531e-01 8.165718e-01 4.729587e-04  
## 9760462Y/2019 7.872943e-01 2.121677e-01 4.939507e-04 4.413154e-05  
## 9840001D/2019 9.330123e-01 6.613617e-02 8.028075e-04 4.877251e-05  
## 9840002E/2019 8.311409e-01 1.686723e-01 3.165929e-05 1.552104e-04  
## 9840023C/2019 9.645864e-01 3.497001e-02 3.717781e-04 7.185628e-05  
## 9840160B/2019 9.229177e-01 7.683943e-02 1.780626e-04 6.477377e-05  
## 9840267T/2019 8.879435e-01 1.091054e-01 2.946852e-03 4.263938e-06  
## 9840268U/2019 9.795289e-01 1.584886e-02 4.601459e-03 2.080913e-05  
## 9840277D/2019 9.753945e-01 2.454227e-02 2.297226e-06 6.095844e-05  
## 9840339W/2019 8.905352e-01 1.069994e-01 2.425464e-03 3.996977e-05  
## 9840341Y/2019 8.979002e-01 1.012281e-01 8.128390e-04 5.882041e-05  
## 9840349G/2019 1.898121e-03 9.980983e-01 6.811567e-07 2.933713e-06  
## 9840386X/2019 9.423759e-01 5.753029e-02 2.099213e-05 7.282786e-05  
## 9840391C/2019 9.429354e-01 5.626058e-02 7.999707e-04 4.016026e-06  
## 9840394F/2019 9.171575e-01 8.140187e-02 1.422880e-03 1.778979e-05  
## 9840407V/2019 9.713130e-01 2.030438e-02 8.364950e-03 1.764291e-05  
## 9840465H/2019 9.588389e-01 4.107779e-02 6.589101e-05 1.746423e-05  
## 9840471P/2019 9.735193e-01 2.237735e-02 3.984038e-03 1.192989e-04  
## T171435T/2019 2.277899e-01 7.313219e-01 4.080221e-02 8.600961e-05  
## T593500B/2019 8.137372e-01 1.064626e-02 1.754528e-01 1.637798e-04  
## T942095L/2019 6.998900e-01 6.211246e-02 2.378869e-01 1.105873e-04  
## T942095R/2019 5.572439e-01 1.302564e-02 4.295421e-01 1.883494e-04  
## T942095S/2019 5.199134e-01 1.027055e-03 4.787893e-01 2.702097e-04  
## T942095T/2019 6.636260e-01 5.023631e-02 2.859653e-01 1.724776e-04

#DERMINATION DU NOMBRE D AXE  
library("factoextra")

## Warning: package 'factoextra' was built under R version 3.6.3

## Welcome! Want to learn more? See two factoextra-related books at https://goo.gl/ve3WBa

fviz\_eig(resacp, addlabels = TRUE,xlim= c(0, 9), ylim = c(0, 80),main = "Decomposition de l'inertie totale")



#LES VARIABLES   
kable(round(cbind(resacp$var$coord[,1:2], resacp$var$cos2[,1:2]),digits=3)) # coord et cos2 variables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Dim.1 | Dim.2 | Dim.1 | Dim.2 |
| Capa\_fin | 0.510 | 0.860 | 0.260 | 0.739 |
| Voe\_tot | 0.949 | -0.187 | 0.902 | 0.035 |
| Nb\_voe\_pp | 0.949 | -0.192 | 0.900 | 0.037 |
| Pct\_f | 0.740 | -0.107 | 0.548 | 0.011 |

# repérage variables de cos2 > moyenne (+ceux de corrélation positive: tableau des signes)  
cbind(resacp$var$cos2[,1:2]>1/4,(resacp$var$cos2[,1:2]>1/4) & (resacp$var$coord[,1:2]>0))

## Dim.1 Dim.2 Dim.1 Dim.2  
## Capa\_fin TRUE TRUE TRUE TRUE  
## Voe\_tot TRUE FALSE TRUE FALSE  
## Nb\_voe\_pp TRUE FALSE TRUE FALSE  
## Pct\_f TRUE FALSE TRUE FALSE

# repérage variables de cos2 > moyenne (+ceux de corrélation positive: tableau des signes)  
cbind(resacp$var$cos2[,1:2]>1/4,(resacp$var$cos2[,1:2]>1/4) & (resacp$var$coord[,1:2]<0))

## Dim.1 Dim.2 Dim.1 Dim.2  
## Capa\_fin TRUE TRUE FALSE FALSE  
## Voe\_tot TRUE FALSE FALSE FALSE  
## Nb\_voe\_pp TRUE FALSE FALSE FALSE  
## Pct\_f TRUE FALSE FALSE FALSE

#LES INDIVIDUS  
# coord, contri et cos2 individus  
kable(round(cbind(resacp$ind$coord[,1:2],resacp$ind$contri[,1:2],resacp$ind$cos2[,1:2]),digits=3))

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Dim.1 | Dim.2 | Dim.1 | Dim.2 | Dim.1 | Dim.2 |
| 0010001W/2018 | -0.707 | -0.287 | 0.003 | 0.002 | 0.852 | 0.141 |
| 0010006B/2018 | -0.410 | -0.231 | 0.001 | 0.001 | 0.643 | 0.203 |
| 0010013J/2018 | -0.292 | 0.059 | 0.001 | 0.000 | 0.613 | 0.025 |
| 0010014K/2018 | -0.512 | -0.109 | 0.002 | 0.000 | 0.908 | 0.041 |
| 0010016M/2018 | -0.630 | -0.272 | 0.002 | 0.001 | 0.824 | 0.153 |
| 0010034G/2018 | -0.759 | -0.197 | 0.004 | 0.001 | 0.936 | 0.063 |
| 0010059J/2018 | -0.647 | -0.075 | 0.003 | 0.000 | 0.981 | 0.013 |
| 0010070W/2018 | -0.738 | -0.222 | 0.003 | 0.001 | 0.916 | 0.083 |
| 0010072Y/2018 | -0.395 | -0.235 | 0.001 | 0.001 | 0.628 | 0.223 |
| 0010819K/2018 | -0.654 | -0.001 | 0.003 | 0.000 | 0.994 | 0.000 |
| 0011118K/2018 | -0.686 | 0.082 | 0.003 | 0.000 | 0.982 | 0.014 |
| 0011119L/2018 | -0.799 | -0.344 | 0.004 | 0.002 | 0.843 | 0.156 |
| 0011194T/2018 | -0.560 | -0.178 | 0.002 | 0.001 | 0.872 | 0.088 |
| 0011276G/2018 | -0.735 | -0.277 | 0.003 | 0.001 | 0.872 | 0.124 |
| 0011329P/2018 | -0.070 | 0.714 | 0.000 | 0.010 | 0.009 | 0.921 |
| 0011402U/2018 | -0.647 | 0.140 | 0.003 | 0.000 | 0.954 | 0.045 |
| 0020012C/2018 | -0.715 | -0.230 | 0.003 | 0.001 | 0.903 | 0.093 |
| 0020014E/2018 | -0.652 | -0.046 | 0.003 | 0.000 | 0.990 | 0.005 |
| 0020031Y/2018 | -0.696 | -0.102 | 0.003 | 0.000 | 0.976 | 0.021 |
| 0020032Z/2018 | -0.587 | 0.029 | 0.002 | 0.000 | 0.981 | 0.002 |
| 0020034B/2018 | -0.635 | -0.080 | 0.002 | 0.000 | 0.971 | 0.015 |
| 0020048S/2018 | -0.477 | -0.270 | 0.001 | 0.001 | 0.688 | 0.221 |
| 0020049T/2018 | -0.480 | -0.116 | 0.001 | 0.000 | 0.869 | 0.051 |
| 0020050U/2018 | -0.654 | -0.153 | 0.003 | 0.000 | 0.938 | 0.052 |
| 0020051V/2018 | -0.770 | -0.265 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0020059D/2018 | -0.595 | 0.032 | 0.002 | 0.000 | 0.987 | 0.003 |
| 0020060E/2018 | -0.741 | -0.256 | 0.003 | 0.001 | 0.891 | 0.107 |
| 0020079A/2018 | -0.841 | -0.293 | 0.004 | 0.002 | 0.891 | 0.108 |
| 0020087J/2018 | -0.380 | 0.493 | 0.001 | 0.005 | 0.359 | 0.604 |
| 0021476U/2018 | -0.783 | -0.260 | 0.004 | 0.001 | 0.900 | 0.099 |
| 0021522U/2018 | -0.666 | -0.140 | 0.003 | 0.000 | 0.952 | 0.042 |
| 0021818R/2018 | -0.632 | 0.027 | 0.002 | 0.000 | 0.990 | 0.002 |
| 0021869W/2018 | -0.763 | -0.106 | 0.004 | 0.000 | 0.981 | 0.019 |
| 0021873A/2018 | -0.627 | 0.223 | 0.002 | 0.001 | 0.886 | 0.112 |
| 0021874B/2018 | -0.548 | 0.100 | 0.002 | 0.000 | 0.953 | 0.031 |
| 0021939X/2018 | -0.702 | -0.128 | 0.003 | 0.000 | 0.964 | 0.032 |
| 0021958T/2018 | -0.163 | 0.506 | 0.000 | 0.005 | 0.080 | 0.773 |
| 0021964Z/2018 | 0.554 | 1.509 | 0.002 | 0.044 | 0.112 | 0.833 |
| 0021998L/2018 | -0.360 | 0.253 | 0.001 | 0.001 | 0.580 | 0.286 |
| 0022044L/2018 | -0.649 | 0.051 | 0.003 | 0.000 | 0.990 | 0.006 |
| 0022049S/2018 | 0.680 | 2.842 | 0.003 | 0.158 | 0.054 | 0.935 |
| 0022108F/2018 | -0.524 | 0.097 | 0.002 | 0.000 | 0.945 | 0.032 |
| 0022134J/2018 | 2.170 | -0.244 | 0.029 | 0.001 | 0.656 | 0.008 |
| 0030025L/2018 | -0.630 | -0.045 | 0.002 | 0.000 | 0.986 | 0.005 |
| 0030026M/2018 | -0.645 | -0.154 | 0.003 | 0.000 | 0.935 | 0.053 |
| 0030038A/2018 | -0.677 | -0.215 | 0.003 | 0.001 | 0.901 | 0.091 |
| 0030051P/2018 | -0.614 | -0.216 | 0.002 | 0.001 | 0.871 | 0.108 |
| 0030061A/2018 | -0.814 | -0.249 | 0.004 | 0.001 | 0.914 | 0.086 |
| 0030094L/2018 | -0.728 | -0.261 | 0.003 | 0.001 | 0.883 | 0.114 |
| 0030098R/2018 | -0.233 | 0.124 | 0.000 | 0.000 | 0.417 | 0.119 |
| 0030858S/2018 | -0.862 | -0.442 | 0.005 | 0.004 | 0.791 | 0.209 |
| 0030905T/2018 | -0.827 | -0.370 | 0.004 | 0.003 | 0.833 | 0.167 |
| 0030935A/2018 | -0.654 | -0.027 | 0.003 | 0.000 | 0.994 | 0.002 |
| 0031041R/2018 | -0.726 | -0.118 | 0.003 | 0.000 | 0.974 | 0.026 |
| 0031043T/2018 | -0.617 | -0.050 | 0.002 | 0.000 | 0.977 | 0.007 |
| 0031060L/2018 | -0.091 | 0.733 | 0.000 | 0.010 | 0.014 | 0.917 |
| 0031082K/2018 | -0.588 | -0.239 | 0.002 | 0.001 | 0.832 | 0.138 |
| 0031092W/2018 | 0.314 | 0.050 | 0.001 | 0.000 | 0.261 | 0.006 |
| 0031121C/2018 | 1.652 | 1.474 | 0.017 | 0.042 | 0.459 | 0.365 |
| 0040010P/2018 | -0.484 | -0.007 | 0.001 | 0.000 | 0.924 | 0.000 |
| 0040027H/2018 | -0.649 | -0.146 | 0.003 | 0.000 | 0.942 | 0.048 |
| 0040490L/2018 | -0.669 | -0.085 | 0.003 | 0.000 | 0.977 | 0.016 |
| 0040522W/2018 | 0.015 | 0.228 | 0.000 | 0.001 | 0.001 | 0.327 |
| 0040533H/2018 | -0.746 | -0.273 | 0.003 | 0.001 | 0.879 | 0.118 |
| 0050003B/2018 | -0.778 | -0.262 | 0.004 | 0.001 | 0.897 | 0.102 |
| 0050005D/2018 | -0.770 | -0.265 | 0.004 | 0.001 | 0.893 | 0.105 |
| 0050006E/2018 | -0.598 | -0.032 | 0.002 | 0.000 | 0.981 | 0.003 |
| 0050007F/2018 | -0.640 | -0.077 | 0.003 | 0.000 | 0.978 | 0.014 |
| 0050604E/2018 | -0.017 | 0.759 | 0.000 | 0.011 | 0.000 | 0.904 |
| 0050607H/2018 | 0.058 | 0.786 | 0.000 | 0.012 | 0.005 | 0.876 |
| 0060001U/2018 | -0.377 | -0.237 | 0.001 | 0.001 | 0.580 | 0.228 |
| 0060009C/2018 | -0.166 | -0.120 | 0.000 | 0.000 | 0.203 | 0.107 |
| 0060011E/2018 | -0.493 | -0.345 | 0.001 | 0.002 | 0.617 | 0.302 |
| 0060013G/2018 | -0.149 | -0.324 | 0.000 | 0.002 | 0.090 | 0.425 |
| 0060014H/2018 | -0.603 | -0.113 | 0.002 | 0.000 | 0.945 | 0.033 |
| 0060015J/2018 | -0.687 | -0.294 | 0.003 | 0.002 | 0.839 | 0.154 |
| 0060020P/2018 | -0.510 | -0.097 | 0.002 | 0.000 | 0.908 | 0.033 |
| 0060022S/2018 | -0.764 | -0.266 | 0.004 | 0.001 | 0.891 | 0.108 |
| 0060023T/2018 | -0.662 | -0.105 | 0.003 | 0.000 | 0.970 | 0.025 |
| 0060026W/2018 | -0.710 | -0.124 | 0.003 | 0.000 | 0.969 | 0.030 |
| 0060030A/2018 | 0.426 | 0.549 | 0.001 | 0.006 | 0.250 | 0.415 |
| 0060031B/2018 | 0.196 | -0.249 | 0.000 | 0.001 | 0.107 | 0.172 |
| 0060033D/2018 | -0.350 | -0.070 | 0.001 | 0.000 | 0.737 | 0.030 |
| 0060034E/2018 | -0.519 | 0.005 | 0.002 | 0.000 | 0.965 | 0.000 |
| 0060038J/2018 | -0.741 | -0.257 | 0.003 | 0.001 | 0.890 | 0.107 |
| 0060042N/2018 | -0.404 | -0.233 | 0.001 | 0.001 | 0.629 | 0.209 |
| 0060075Z/2018 | -0.429 | 0.023 | 0.001 | 0.000 | 0.872 | 0.003 |
| 0060670W/2018 | -0.305 | 0.450 | 0.001 | 0.004 | 0.299 | 0.650 |
| 0060673Z/2018 | -0.463 | 0.003 | 0.001 | 0.000 | 0.918 | 0.000 |
| 0060674A/2018 | -0.736 | -0.115 | 0.003 | 0.000 | 0.976 | 0.024 |
| 0060677D/2018 | -0.520 | 0.006 | 0.002 | 0.000 | 0.966 | 0.000 |
| 0060793E/2018 | -0.647 | -0.147 | 0.003 | 0.000 | 0.941 | 0.048 |
| 0060807V/2018 | 7.817 | 16.158 | 0.375 | 5.094 | 0.188 | 0.805 |
| 0060914L/2018 | 1.309 | 1.078 | 0.011 | 0.023 | 0.474 | 0.321 |
| 0060931E/2018 | 0.766 | 2.354 | 0.004 | 0.108 | 0.094 | 0.883 |
| 0061005K/2018 | -0.793 | -0.400 | 0.004 | 0.003 | 0.796 | 0.202 |
| 0061478Z/2018 | -0.617 | -0.278 | 0.002 | 0.002 | 0.811 | 0.165 |
| 0061642C/2018 | -0.055 | 0.486 | 0.000 | 0.005 | 0.010 | 0.758 |
| 0061643D/2018 | 1.176 | 0.209 | 0.008 | 0.001 | 0.589 | 0.019 |
| 0061691F/2018 | -0.570 | -0.138 | 0.002 | 0.000 | 0.914 | 0.054 |
| 0061760F/2018 | -0.582 | -0.169 | 0.002 | 0.001 | 0.899 | 0.076 |
| 0061763J/2018 | -0.591 | -0.167 | 0.002 | 0.001 | 0.901 | 0.072 |
| 0061817T/2018 | -0.166 | 0.355 | 0.000 | 0.002 | 0.133 | 0.608 |
| 0061841U/2018 | 0.679 | 0.208 | 0.003 | 0.001 | 0.484 | 0.045 |
| 0061887U/2018 | -0.274 | -0.189 | 0.000 | 0.001 | 0.431 | 0.205 |
| 0062015H/2018 | -0.630 | -0.188 | 0.002 | 0.001 | 0.905 | 0.081 |
| 0062088M/2018 | 0.089 | -0.122 | 0.000 | 0.000 | 0.035 | 0.065 |
| 0062089N/2018 | -0.777 | -0.316 | 0.004 | 0.002 | 0.858 | 0.141 |
| 0062104E/2018 | -0.117 | -0.049 | 0.000 | 0.000 | 0.105 | 0.018 |
| 0070001N/2018 | -0.646 | -0.138 | 0.003 | 0.000 | 0.947 | 0.043 |
| 0070002P/2018 | -0.633 | -0.223 | 0.002 | 0.001 | 0.876 | 0.109 |
| 0070003R/2018 | -0.709 | -0.268 | 0.003 | 0.001 | 0.871 | 0.124 |
| 0070004S/2018 | -0.565 | -0.176 | 0.002 | 0.001 | 0.871 | 0.085 |
| 0070021K/2018 | -0.469 | -0.066 | 0.001 | 0.000 | 0.908 | 0.018 |
| 0070029U/2018 | -0.571 | -0.084 | 0.002 | 0.000 | 0.956 | 0.021 |
| 0070064G/2018 | -0.759 | -0.242 | 0.004 | 0.001 | 0.907 | 0.092 |
| 0070071P/2018 | -0.798 | -0.254 | 0.004 | 0.001 | 0.908 | 0.092 |
| 0071125K/2018 | -0.505 | -0.143 | 0.002 | 0.000 | 0.865 | 0.070 |
| 0071126L/2018 | -0.688 | -0.150 | 0.003 | 0.000 | 0.951 | 0.045 |
| 0071231A/2018 | -0.756 | -0.090 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0071351F/2018 | -0.688 | -0.132 | 0.003 | 0.000 | 0.961 | 0.035 |
| 0071445H/2018 | -0.863 | -0.414 | 0.005 | 0.003 | 0.813 | 0.187 |
| 0080007P/2018 | -0.513 | -0.062 | 0.002 | 0.000 | 0.943 | 0.014 |
| 0080008R/2018 | -0.786 | -0.295 | 0.004 | 0.002 | 0.876 | 0.123 |
| 0080010T/2018 | -0.528 | 0.008 | 0.002 | 0.000 | 0.966 | 0.000 |
| 0080027L/2018 | -0.563 | 0.021 | 0.002 | 0.000 | 0.976 | 0.001 |
| 0080045F/2018 | -0.586 | -0.025 | 0.002 | 0.000 | 0.978 | 0.002 |
| 0080047H/2018 | -0.743 | -0.140 | 0.003 | 0.000 | 0.964 | 0.034 |
| 0080804F/2018 | -0.670 | -0.031 | 0.003 | 0.000 | 0.993 | 0.002 |
| 0080863V/2018 | -0.550 | -0.073 | 0.002 | 0.000 | 0.949 | 0.017 |
| 0080944H/2018 | -0.771 | -0.085 | 0.004 | 0.000 | 0.988 | 0.012 |
| 0081045T/2018 | -0.516 | 0.362 | 0.002 | 0.003 | 0.661 | 0.325 |
| 0081047V/2018 | -0.375 | 0.493 | 0.001 | 0.005 | 0.359 | 0.622 |
| 0081084K/2018 | -0.238 | 0.489 | 0.000 | 0.005 | 0.174 | 0.735 |
| 0090002D/2018 | -0.607 | -0.161 | 0.002 | 0.001 | 0.916 | 0.064 |
| 0090006H/2018 | -0.733 | -0.278 | 0.003 | 0.002 | 0.872 | 0.125 |
| 0090013R/2018 | -0.749 | -0.218 | 0.003 | 0.001 | 0.920 | 0.078 |
| 0090015T/2018 | -0.538 | 0.012 | 0.002 | 0.000 | 0.968 | 0.000 |
| 0090022A/2018 | -0.647 | -0.147 | 0.003 | 0.000 | 0.943 | 0.048 |
| 0090660U/2018 | -0.466 | 0.434 | 0.001 | 0.004 | 0.527 | 0.459 |
| 0100004A/2018 | -0.812 | -0.286 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0100015M/2018 | -0.672 | -0.138 | 0.003 | 0.000 | 0.952 | 0.040 |
| 0100022V/2018 | -0.398 | -0.034 | 0.001 | 0.000 | 0.829 | 0.006 |
| 0100023W/2018 | -0.537 | -0.078 | 0.002 | 0.000 | 0.945 | 0.020 |
| 0100025Y/2018 | -0.653 | -0.190 | 0.003 | 0.001 | 0.911 | 0.077 |
| 0100059K/2018 | -0.728 | -0.163 | 0.003 | 0.001 | 0.951 | 0.048 |
| 0100674H/2018 | 4.228 | -1.379 | 0.110 | 0.037 | 0.652 | 0.069 |
| 0100684P/2018 | 0.142 | 0.841 | 0.000 | 0.014 | 0.024 | 0.860 |
| 0100734U/2018 | -0.649 | 0.051 | 0.003 | 0.000 | 0.988 | 0.006 |
| 0100735V/2018 | -0.694 | -0.130 | 0.003 | 0.000 | 0.962 | 0.034 |
| 0101016A/2018 | -0.550 | -0.013 | 0.002 | 0.000 | 0.973 | 0.001 |
| 0101022G/2018 | -0.817 | -0.248 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0101037Y/2018 | 0.003 | 1.389 | 0.000 | 0.038 | 0.000 | 0.987 |
| 0101060Y/2018 | 5.675 | 2.105 | 0.198 | 0.086 | 0.706 | 0.097 |
| 0110004V/2018 | -0.564 | -0.006 | 0.002 | 0.000 | 0.975 | 0.000 |
| 0110007Y/2018 | -0.618 | -0.200 | 0.002 | 0.001 | 0.886 | 0.093 |
| 0110012D/2018 | -0.594 | -0.148 | 0.002 | 0.000 | 0.918 | 0.057 |
| 0110022P/2018 | -0.204 | -0.196 | 0.000 | 0.001 | 0.253 | 0.233 |
| 0110023R/2018 | -0.502 | -0.031 | 0.002 | 0.000 | 0.938 | 0.004 |
| 0110045P/2018 | -0.615 | 0.057 | 0.002 | 0.000 | 0.985 | 0.009 |
| 0110669T/2018 | -0.513 | -0.152 | 0.002 | 0.000 | 0.860 | 0.076 |
| 0110982H/2018 | 0.177 | 0.099 | 0.000 | 0.000 | 0.135 | 0.042 |
| 0110983J/2018 | -0.494 | -0.058 | 0.001 | 0.000 | 0.921 | 0.013 |
| 0110986M/2018 | 0.418 | 2.095 | 0.001 | 0.086 | 0.038 | 0.951 |
| 0111024D/2018 | -0.729 | -0.100 | 0.003 | 0.000 | 0.981 | 0.018 |
| 0111043Z/2018 | -0.492 | 0.176 | 0.001 | 0.001 | 0.872 | 0.112 |
| 0120006S/2018 | -0.729 | -0.252 | 0.003 | 0.001 | 0.890 | 0.106 |
| 0120012Y/2018 | -0.737 | -0.222 | 0.003 | 0.001 | 0.914 | 0.083 |
| 0120022J/2018 | -0.408 | -0.232 | 0.001 | 0.001 | 0.630 | 0.204 |
| 0120024L/2018 | -0.642 | -0.083 | 0.003 | 0.000 | 0.974 | 0.016 |
| 0120025M/2018 | -0.681 | -0.135 | 0.003 | 0.000 | 0.955 | 0.037 |
| 0120031U/2018 | -0.691 | -0.238 | 0.003 | 0.001 | 0.889 | 0.106 |
| 0120096P/2018 | -0.777 | -0.316 | 0.004 | 0.002 | 0.857 | 0.142 |
| 0120621K/2018 | -0.743 | -0.220 | 0.003 | 0.001 | 0.918 | 0.081 |
| 0120870F/2018 | -0.096 | 0.102 | 0.000 | 0.000 | 0.081 | 0.092 |
| 0120936C/2018 | -0.698 | 0.015 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0120937D/2018 | -0.663 | -0.177 | 0.003 | 0.001 | 0.927 | 0.066 |
| 0120938E/2018 | -0.582 | -0.098 | 0.002 | 0.000 | 0.955 | 0.027 |
| 0121291N/2018 | -0.726 | -0.101 | 0.003 | 0.000 | 0.980 | 0.019 |
| 0121367W/2018 | -0.676 | 0.079 | 0.003 | 0.000 | 0.986 | 0.013 |
| 0121423G/2018 | -0.741 | -0.278 | 0.003 | 0.002 | 0.874 | 0.123 |
| 0121471J/2018 | 0.037 | 0.973 | 0.000 | 0.018 | 0.001 | 0.940 |
| 0130001F/2018 | -0.395 | -0.170 | 0.001 | 0.001 | 0.704 | 0.131 |
| 0130002G/2018 | -0.018 | 0.276 | 0.000 | 0.001 | 0.002 | 0.429 |
| 0130003H/2018 | -0.396 | 0.050 | 0.001 | 0.000 | 0.818 | 0.013 |
| 0130010R/2018 | -0.635 | -0.151 | 0.002 | 0.000 | 0.933 | 0.053 |
| 0130011S/2018 | -0.689 | -0.132 | 0.003 | 0.000 | 0.959 | 0.035 |
| 0130036U/2018 | 0.184 | 0.073 | 0.000 | 0.000 | 0.138 | 0.021 |
| 0130037V/2018 | -0.201 | -0.107 | 0.000 | 0.000 | 0.313 | 0.089 |
| 0130039X/2018 | -0.246 | 0.142 | 0.000 | 0.000 | 0.479 | 0.159 |
| 0130040Y/2018 | 0.190 | 0.540 | 0.000 | 0.006 | 0.076 | 0.617 |
| 0130043B/2018 | -0.273 | -0.148 | 0.000 | 0.000 | 0.459 | 0.134 |
| 0130048G/2018 | -0.344 | -0.168 | 0.001 | 0.001 | 0.600 | 0.143 |
| 0130049H/2018 | -0.594 | -0.207 | 0.002 | 0.001 | 0.865 | 0.105 |
| 0130050J/2018 | -0.625 | -0.181 | 0.002 | 0.001 | 0.907 | 0.076 |
| 0130051K/2018 | -0.397 | -0.139 | 0.001 | 0.000 | 0.749 | 0.092 |
| 0130053M/2018 | -0.507 | -0.015 | 0.002 | 0.000 | 0.939 | 0.001 |
| 0130057S/2018 | -0.728 | -0.279 | 0.003 | 0.002 | 0.868 | 0.128 |
| 0130059U/2018 | -0.589 | -0.400 | 0.002 | 0.003 | 0.661 | 0.305 |
| 0130064Z/2018 | -0.542 | -0.183 | 0.002 | 0.001 | 0.864 | 0.099 |
| 0130143K/2018 | -0.582 | -0.120 | 0.002 | 0.000 | 0.937 | 0.040 |
| 0130161E/2018 | -0.432 | -0.026 | 0.001 | 0.000 | 0.881 | 0.003 |
| 0130172S/2018 | -0.592 | -0.328 | 0.002 | 0.002 | 0.742 | 0.227 |
| 0130175V/2018 | -0.299 | -0.072 | 0.001 | 0.000 | 0.615 | 0.036 |
| 0130189K/2018 | -0.645 | -0.408 | 0.003 | 0.003 | 0.699 | 0.280 |
| 0130235K/2018 | -0.535 | 0.190 | 0.002 | 0.001 | 0.870 | 0.110 |
| 0130236L/2018 | 1.151 | 1.924 | 0.008 | 0.072 | 0.245 | 0.684 |
| 0131319N/2018 | -0.438 | 0.209 | 0.001 | 0.001 | 0.765 | 0.175 |
| 0131331B/2018 | -0.695 | -0.237 | 0.003 | 0.001 | 0.891 | 0.104 |
| 0131339K/2018 | -0.631 | 0.045 | 0.002 | 0.000 | 0.986 | 0.005 |
| 0131391S/2018 | -0.734 | -0.224 | 0.003 | 0.001 | 0.912 | 0.085 |
| 0131398Z/2018 | -0.495 | 0.047 | 0.002 | 0.000 | 0.938 | 0.008 |
| 0131402D/2018 | -0.598 | -0.020 | 0.002 | 0.000 | 0.984 | 0.001 |
| 0131403E/2018 | -0.651 | -0.133 | 0.003 | 0.000 | 0.952 | 0.040 |
| 0131433M/2018 | -0.851 | -0.326 | 0.004 | 0.002 | 0.872 | 0.128 |
| 0131456M/2018 | -0.581 | -0.197 | 0.002 | 0.001 | 0.872 | 0.100 |
| 0131485U/2018 | -0.749 | -0.218 | 0.003 | 0.001 | 0.922 | 0.078 |
| 0131549N/2018 | -0.433 | -0.026 | 0.001 | 0.000 | 0.877 | 0.003 |
| 0131596P/2018 | -0.452 | -0.076 | 0.001 | 0.000 | 0.868 | 0.024 |
| 0131656E/2018 | -0.645 | -0.148 | 0.003 | 0.000 | 0.939 | 0.049 |
| 0131681G/2018 | -0.473 | 0.321 | 0.001 | 0.002 | 0.672 | 0.309 |
| 0131684K/2018 | -0.579 | -0.006 | 0.002 | 0.000 | 0.983 | 0.000 |
| 0131690S/2018 | -0.761 | -0.142 | 0.004 | 0.000 | 0.966 | 0.034 |
| 0132123M/2018 | 0.784 | 2.274 | 0.004 | 0.101 | 0.104 | 0.873 |
| 0132210G/2018 | -0.658 | -0.143 | 0.003 | 0.000 | 0.945 | 0.045 |
| 0132246A/2018 | 1.893 | -1.122 | 0.022 | 0.025 | 0.500 | 0.176 |
| 0132410Z/2018 | -0.459 | -0.016 | 0.001 | 0.000 | 0.921 | 0.001 |
| 0132495S/2018 | -0.548 | 0.016 | 0.002 | 0.000 | 0.971 | 0.001 |
| 0132733A/2018 | -0.591 | -0.117 | 0.002 | 0.000 | 0.937 | 0.037 |
| 0132828D/2018 | -0.554 | 0.028 | 0.002 | 0.000 | 0.976 | 0.003 |
| 0132922F/2018 | -0.666 | -0.041 | 0.003 | 0.000 | 0.992 | 0.004 |
| 0132972K/2018 | -0.233 | 0.083 | 0.000 | 0.000 | 0.485 | 0.062 |
| 0132974M/2018 | -0.238 | 0.276 | 0.000 | 0.001 | 0.327 | 0.440 |
| 0133015G/2018 | -0.579 | -0.264 | 0.002 | 0.001 | 0.795 | 0.166 |
| 0133244F/2018 | -0.694 | -0.274 | 0.003 | 0.001 | 0.858 | 0.133 |
| 0133288D/2018 | -0.399 | -0.037 | 0.001 | 0.000 | 0.834 | 0.007 |
| 0133303V/2018 | -0.834 | -0.295 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0133314G/2018 | -0.817 | -0.248 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0133396W/2018 | -0.764 | -0.267 | 0.004 | 0.001 | 0.890 | 0.108 |
| 0133479L/2018 | 0.069 | 0.135 | 0.000 | 0.000 | 0.027 | 0.103 |
| 0133502L/2018 | -0.159 | 0.648 | 0.000 | 0.008 | 0.052 | 0.852 |
| 0133522H/2018 | -0.016 | 0.994 | 0.000 | 0.019 | 0.000 | 0.967 |
| 0133525L/2018 | 0.145 | -0.231 | 0.000 | 0.001 | 0.070 | 0.177 |
| 0133648V/2018 | 0.174 | 0.995 | 0.000 | 0.019 | 0.027 | 0.875 |
| 0133686L/2018 | -0.048 | 0.178 | 0.000 | 0.001 | 0.015 | 0.207 |
| 0133784T/2018 | 0.079 | -0.119 | 0.000 | 0.000 | 0.028 | 0.063 |
| 0134003F/2018 | -0.394 | -0.039 | 0.001 | 0.000 | 0.847 | 0.008 |
| 0134029J/2018 | -0.737 | -0.115 | 0.003 | 0.000 | 0.976 | 0.024 |
| 0134061U/2018 | 0.929 | 0.725 | 0.005 | 0.010 | 0.448 | 0.273 |
| 0140013N/2018 | 0.230 | 0.834 | 0.000 | 0.014 | 0.061 | 0.801 |
| 0140014P/2018 | -0.235 | -0.150 | 0.000 | 0.000 | 0.359 | 0.145 |
| 0140017T/2018 | -0.398 | -0.208 | 0.001 | 0.001 | 0.654 | 0.179 |
| 0140043W/2018 | -0.311 | -0.122 | 0.001 | 0.000 | 0.603 | 0.093 |
| 0140052F/2018 | -0.673 | -0.137 | 0.003 | 0.000 | 0.954 | 0.040 |
| 0141112H/2018 | -0.652 | -0.145 | 0.003 | 0.000 | 0.943 | 0.047 |
| 0141164P/2018 | -0.688 | -0.132 | 0.003 | 0.000 | 0.960 | 0.036 |
| 0141175B/2018 | -0.729 | -0.168 | 0.003 | 0.001 | 0.947 | 0.050 |
| 0141178E/2018 | -0.561 | -0.105 | 0.002 | 0.000 | 0.935 | 0.033 |
| 0141234R/2018 | 0.552 | 0.608 | 0.002 | 0.007 | 0.315 | 0.381 |
| 0141274J/2018 | -0.675 | -0.233 | 0.003 | 0.001 | 0.885 | 0.105 |
| 0141275K/2018 | -0.657 | -0.233 | 0.003 | 0.001 | 0.878 | 0.110 |
| 0141408E/2018 | 0.240 | 1.577 | 0.000 | 0.048 | 0.022 | 0.956 |
| 0141418R/2018 | -0.556 | -0.179 | 0.002 | 0.001 | 0.874 | 0.091 |
| 0141555P/2018 | -0.560 | -0.201 | 0.002 | 0.001 | 0.856 | 0.110 |
| 0141687H/2018 | -0.682 | -0.278 | 0.003 | 0.002 | 0.848 | 0.141 |
| 0141796B/2018 | -0.500 | -0.169 | 0.002 | 0.001 | 0.832 | 0.095 |
| 0141872J/2018 | -0.708 | 0.072 | 0.003 | 0.000 | 0.989 | 0.010 |
| 0141991N/2018 | -0.728 | -0.118 | 0.003 | 0.000 | 0.973 | 0.026 |
| 0142059M/2018 | 0.234 | 0.831 | 0.000 | 0.013 | 0.062 | 0.777 |
| 0142084P/2018 | -0.617 | -0.139 | 0.002 | 0.000 | 0.942 | 0.048 |
| 0142107P/2018 | -0.388 | 0.191 | 0.001 | 0.001 | 0.718 | 0.175 |
| 0142108R/2018 | -0.760 | -0.187 | 0.004 | 0.001 | 0.942 | 0.057 |
| 0142131R/2018 | -0.668 | -0.193 | 0.003 | 0.001 | 0.912 | 0.077 |
| 0142132S/2018 | -0.678 | -0.136 | 0.003 | 0.000 | 0.957 | 0.038 |
| 0142133T/2018 | -0.684 | -0.280 | 0.003 | 0.002 | 0.848 | 0.142 |
| 0142182W/2018 | -0.814 | -0.249 | 0.004 | 0.001 | 0.914 | 0.086 |
| 0142218K/2018 | 0.133 | 0.096 | 0.000 | 0.000 | 0.081 | 0.042 |
| 0142257C/2018 | -0.307 | 0.234 | 0.001 | 0.001 | 0.512 | 0.299 |
| 0142326C/2018 | -0.443 | -0.201 | 0.001 | 0.001 | 0.742 | 0.153 |
| 0150006A/2018 | -0.685 | -0.181 | 0.003 | 0.001 | 0.928 | 0.065 |
| 0150037J/2018 | -0.737 | -0.222 | 0.003 | 0.001 | 0.914 | 0.083 |
| 0150047V/2018 | -0.733 | -0.245 | 0.003 | 0.001 | 0.898 | 0.100 |
| 0150599V/2018 | -0.740 | -0.150 | 0.003 | 0.000 | 0.959 | 0.039 |
| 0150688S/2018 | -0.771 | -0.210 | 0.004 | 0.001 | 0.931 | 0.069 |
| 0150746E/2018 | -0.178 | 0.243 | 0.000 | 0.001 | 0.213 | 0.396 |
| 0150747F/2018 | -0.739 | -0.258 | 0.003 | 0.001 | 0.889 | 0.108 |
| 0150760V/2018 | -0.719 | -0.148 | 0.003 | 0.000 | 0.958 | 0.040 |
| 0160002R/2018 | -0.484 | 0.226 | 0.001 | 0.001 | 0.800 | 0.175 |
| 0160003S/2018 | -0.472 | -0.126 | 0.001 | 0.000 | 0.853 | 0.061 |
| 0160004T/2018 | -0.560 | -0.258 | 0.002 | 0.001 | 0.790 | 0.168 |
| 0160006V/2018 | -0.748 | -0.254 | 0.003 | 0.001 | 0.895 | 0.103 |
| 0160010Z/2018 | -0.678 | -0.207 | 0.003 | 0.001 | 0.907 | 0.085 |
| 0160020K/2018 | -0.677 | -0.217 | 0.003 | 0.001 | 0.900 | 0.092 |
| 0160036C/2018 | -0.840 | -0.294 | 0.004 | 0.002 | 0.891 | 0.109 |
| 0160079Z/2018 | -0.721 | -0.174 | 0.003 | 0.001 | 0.943 | 0.055 |
| 0160083D/2018 | -0.791 | -0.203 | 0.004 | 0.001 | 0.938 | 0.062 |
| 0160119T/2018 | -0.786 | -0.313 | 0.004 | 0.002 | 0.862 | 0.137 |
| 0160862A/2018 | -0.673 | -0.245 | 0.003 | 0.001 | 0.873 | 0.116 |
| 0160980D/2018 | -0.739 | -0.007 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0161002C/2018 | -0.427 | 0.779 | 0.001 | 0.012 | 0.231 | 0.767 |
| 0161003D/2018 | -0.721 | -0.121 | 0.003 | 0.000 | 0.971 | 0.027 |
| 0161095D/2018 | -0.455 | -0.430 | 0.001 | 0.004 | 0.475 | 0.424 |
| 0161125L/2018 | -0.024 | 0.197 | 0.000 | 0.001 | 0.004 | 0.255 |
| 0161138A/2018 | 0.189 | 1.308 | 0.000 | 0.033 | 0.020 | 0.941 |
| 0161192J/2018 | -0.107 | -0.052 | 0.000 | 0.000 | 0.085 | 0.020 |
| 0170020E/2018 | -0.719 | -0.294 | 0.003 | 0.002 | 0.852 | 0.143 |
| 0170025K/2018 | -0.768 | -0.265 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0170027M/2018 | -0.444 | -0.255 | 0.001 | 0.001 | 0.668 | 0.220 |
| 0170028N/2018 | -0.470 | -0.053 | 0.001 | 0.000 | 0.903 | 0.011 |
| 0170029P/2018 | -0.564 | -0.069 | 0.002 | 0.000 | 0.949 | 0.014 |
| 0170042D/2018 | -0.359 | -0.141 | 0.001 | 0.000 | 0.682 | 0.105 |
| 0170051N/2018 | -0.582 | -0.017 | 0.002 | 0.000 | 0.981 | 0.001 |
| 0170058W/2018 | -0.465 | -0.104 | 0.001 | 0.000 | 0.866 | 0.043 |
| 0170060Y/2018 | -0.625 | -0.113 | 0.002 | 0.000 | 0.954 | 0.031 |
| 0170087C/2018 | -0.677 | -0.088 | 0.003 | 0.000 | 0.979 | 0.017 |
| 0170100S/2018 | -0.752 | -0.213 | 0.003 | 0.001 | 0.925 | 0.074 |
| 0170135E/2018 | -0.522 | -0.298 | 0.002 | 0.002 | 0.710 | 0.232 |
| 0170145R/2018 | 0.406 | 0.362 | 0.001 | 0.003 | 0.284 | 0.226 |
| 0170393K/2018 | -0.783 | -0.242 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0171405K/2018 | -0.103 | 0.710 | 0.000 | 0.010 | 0.019 | 0.912 |
| 0171418Z/2018 | -0.217 | -0.102 | 0.000 | 0.000 | 0.353 | 0.078 |
| 0171428K/2018 | -0.649 | -0.146 | 0.003 | 0.000 | 0.940 | 0.048 |
| 0171435T/2018 | 1.990 | -0.503 | 0.024 | 0.005 | 0.616 | 0.039 |
| 0171455P/2018 | -0.794 | -0.283 | 0.004 | 0.002 | 0.887 | 0.113 |
| 0171463Y/2018 | -0.120 | 0.875 | 0.000 | 0.015 | 0.018 | 0.948 |
| 0171623X/2018 | 0.133 | 0.006 | 0.000 | 0.000 | 0.076 | 0.000 |
| 0180005H/2018 | -0.441 | -0.004 | 0.001 | 0.000 | 0.888 | 0.000 |
| 0180007K/2018 | -0.494 | -0.111 | 0.002 | 0.000 | 0.892 | 0.045 |
| 0180008L/2018 | -0.767 | -0.275 | 0.004 | 0.001 | 0.885 | 0.113 |
| 0180035R/2018 | -0.672 | -0.183 | 0.003 | 0.001 | 0.924 | 0.068 |
| 0180036S/2018 | -0.775 | -0.209 | 0.004 | 0.001 | 0.932 | 0.068 |
| 0180048E/2018 | -0.793 | -0.346 | 0.004 | 0.002 | 0.840 | 0.160 |
| 0180561M/2018 | -0.643 | -0.004 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0180571Y/2018 | -0.821 | -0.246 | 0.004 | 0.001 | 0.917 | 0.083 |
| 0180572Z/2018 | -0.790 | -0.239 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0180584M/2018 | -0.269 | 0.424 | 0.000 | 0.004 | 0.255 | 0.636 |
| 0180585N/2018 | -0.690 | -0.131 | 0.003 | 0.000 | 0.961 | 0.035 |
| 0180860M/2018 | 1.073 | -0.113 | 0.007 | 0.000 | 0.560 | 0.006 |
| 0180887S/2018 | 0.235 | 1.802 | 0.000 | 0.063 | 0.017 | 0.975 |
| 0180923F/2018 | -0.814 | -0.428 | 0.004 | 0.004 | 0.782 | 0.217 |
| 0190010H/2018 | -0.684 | -0.206 | 0.003 | 0.001 | 0.909 | 0.082 |
| 0190011J/2018 | -0.676 | -0.136 | 0.003 | 0.000 | 0.957 | 0.039 |
| 0190012K/2018 | -0.526 | -0.140 | 0.002 | 0.000 | 0.888 | 0.063 |
| 0190018S/2018 | -0.625 | -0.137 | 0.002 | 0.000 | 0.937 | 0.045 |
| 0190027B/2018 | -0.793 | -0.310 | 0.004 | 0.002 | 0.866 | 0.133 |
| 0190032G/2018 | -0.690 | -0.227 | 0.003 | 0.001 | 0.897 | 0.097 |
| 0190038N/2018 | -0.571 | -0.245 | 0.002 | 0.001 | 0.815 | 0.150 |
| 0190071Z/2018 | -0.792 | -0.212 | 0.004 | 0.001 | 0.933 | 0.067 |
| 0190083M/2018 | -0.532 | 0.302 | 0.002 | 0.002 | 0.752 | 0.242 |
| 0190087S/2018 | -0.423 | 0.132 | 0.001 | 0.000 | 0.830 | 0.081 |
| 0190244M/2018 | -0.703 | -0.127 | 0.003 | 0.000 | 0.965 | 0.031 |
| 0190609J/2018 | -0.615 | -0.087 | 0.002 | 0.000 | 0.963 | 0.019 |
| 0190612M/2018 | 0.164 | 0.999 | 0.000 | 0.019 | 0.024 | 0.883 |
| 0190855B/2018 | -0.484 | 0.225 | 0.001 | 0.001 | 0.789 | 0.171 |
| 0190862J/2018 | -0.426 | 0.277 | 0.001 | 0.001 | 0.663 | 0.279 |
| 0195014X/2018 | -0.280 | 0.593 | 0.000 | 0.007 | 0.175 | 0.785 |
| 0210003P/2018 | -0.401 | -0.234 | 0.001 | 0.001 | 0.630 | 0.214 |
| 0210006T/2018 | -0.379 | -0.026 | 0.001 | 0.000 | 0.833 | 0.004 |
| 0210015C/2018 | 0.008 | 0.396 | 0.000 | 0.003 | 0.000 | 0.631 |
| 0210017E/2018 | -0.278 | -0.278 | 0.000 | 0.002 | 0.338 | 0.338 |
| 0210018F/2018 | -0.774 | -0.317 | 0.004 | 0.002 | 0.855 | 0.143 |
| 0210019G/2018 | -0.401 | -0.149 | 0.001 | 0.000 | 0.734 | 0.101 |
| 0210032W/2018 | -0.793 | -0.256 | 0.004 | 0.001 | 0.906 | 0.094 |
| 0210036A/2018 | -0.674 | -0.083 | 0.003 | 0.000 | 0.981 | 0.015 |
| 0210056X/2018 | -0.825 | -0.245 | 0.004 | 0.001 | 0.919 | 0.081 |
| 0210071N/2018 | -0.877 | -0.460 | 0.005 | 0.004 | 0.784 | 0.216 |
| 0211033J/2018 | -0.453 | 0.050 | 0.001 | 0.000 | 0.903 | 0.011 |
| 0211053F/2018 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0211089V/2018 | -0.675 | 0.006 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0211090W/2018 | -0.518 | 0.126 | 0.002 | 0.000 | 0.921 | 0.055 |
| 0211091X/2018 | -0.588 | -0.017 | 0.002 | 0.000 | 0.986 | 0.001 |
| 0211139Z/2018 | 0.281 | 0.487 | 0.000 | 0.005 | 0.157 | 0.471 |
| 0211173L/2018 | -0.711 | -0.124 | 0.003 | 0.000 | 0.969 | 0.030 |
| 0211217J/2018 | -0.730 | -0.207 | 0.003 | 0.001 | 0.924 | 0.074 |
| 0211237F/2018 | 0.401 | 1.727 | 0.001 | 0.058 | 0.050 | 0.927 |
| 0211530Z/2018 | -0.680 | -0.039 | 0.003 | 0.000 | 0.994 | 0.003 |
| 0211579C/2018 | -0.822 | -0.300 | 0.004 | 0.002 | 0.883 | 0.117 |
| 0211986V/2018 | -0.565 | -0.182 | 0.002 | 0.001 | 0.868 | 0.090 |
| 0212015B/2018 | -0.243 | -0.290 | 0.000 | 0.002 | 0.268 | 0.379 |
| 0212045J/2018 | -0.772 | -0.246 | 0.004 | 0.001 | 0.907 | 0.092 |
| 0212108C/2018 | 12.389 | -4.139 | 0.943 | 0.334 | 0.682 | 0.076 |
| 0212195Z/2018 | 3.883 | -1.651 | 0.093 | 0.053 | 0.610 | 0.110 |
| 0212198A/2018 | 12.244 | -4.715 | 0.921 | 0.434 | 0.662 | 0.098 |
| 0220013V/2018 | -0.565 | -0.008 | 0.002 | 0.000 | 0.977 | 0.000 |
| 0220018A/2018 | -0.422 | -0.029 | 0.001 | 0.000 | 0.874 | 0.004 |
| 0220019B/2018 | -0.803 | -0.307 | 0.004 | 0.002 | 0.872 | 0.127 |
| 0220023F/2018 | -0.537 | -0.101 | 0.002 | 0.000 | 0.919 | 0.032 |
| 0220027K/2018 | -0.671 | -0.180 | 0.003 | 0.001 | 0.925 | 0.067 |
| 0220056S/2018 | -0.424 | 0.088 | 0.001 | 0.000 | 0.853 | 0.036 |
| 0220057T/2018 | -0.383 | 0.016 | 0.001 | 0.000 | 0.847 | 0.001 |
| 0220058U/2018 | -0.586 | 0.028 | 0.002 | 0.000 | 0.978 | 0.002 |
| 0220059V/2018 | -0.639 | -0.041 | 0.003 | 0.000 | 0.991 | 0.004 |
| 0220060W/2018 | -0.502 | 0.178 | 0.002 | 0.001 | 0.854 | 0.107 |
| 0220064A/2018 | -0.687 | -0.132 | 0.003 | 0.000 | 0.960 | 0.036 |
| 0220065B/2018 | -0.605 | -0.215 | 0.002 | 0.001 | 0.868 | 0.110 |
| 0220071H/2018 | -0.586 | -0.330 | 0.002 | 0.002 | 0.731 | 0.232 |
| 0220094H/2018 | -0.526 | 0.008 | 0.002 | 0.000 | 0.964 | 0.000 |
| 0220097L/2018 | -0.567 | 0.134 | 0.002 | 0.000 | 0.937 | 0.053 |
| 0220102S/2018 | -0.561 | 0.021 | 0.002 | 0.000 | 0.982 | 0.001 |
| 0220107X/2018 | -0.633 | 0.047 | 0.002 | 0.000 | 0.994 | 0.005 |
| 0220116G/2018 | -0.564 | 0.054 | 0.002 | 0.000 | 0.973 | 0.009 |
| 0220117H/2018 | -0.743 | -0.140 | 0.003 | 0.000 | 0.965 | 0.034 |
| 0220196U/2018 | -0.610 | -0.052 | 0.002 | 0.000 | 0.976 | 0.007 |
| 0220470S/2018 | -0.588 | -0.132 | 0.002 | 0.000 | 0.927 | 0.047 |
| 0221031B/2018 | -0.601 | 0.053 | 0.002 | 0.000 | 0.986 | 0.008 |
| 0221033D/2018 | -0.670 | -0.031 | 0.003 | 0.000 | 0.993 | 0.002 |
| 0221036G/2018 | -0.195 | 0.517 | 0.000 | 0.005 | 0.109 | 0.767 |
| 0221571N/2018 | -0.552 | -0.252 | 0.002 | 0.001 | 0.795 | 0.166 |
| 0221589H/2018 | -0.623 | 0.042 | 0.002 | 0.000 | 0.987 | 0.004 |
| 0221593M/2018 | -0.562 | 0.235 | 0.002 | 0.001 | 0.843 | 0.148 |
| 0221673Z/2018 | -0.700 | -0.021 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0221712S/2018 | -0.738 | -0.115 | 0.003 | 0.000 | 0.975 | 0.024 |
| 0221844K/2018 | -0.468 | 0.525 | 0.001 | 0.005 | 0.440 | 0.553 |
| 0221852U/2018 | -0.147 | 0.860 | 0.000 | 0.014 | 0.027 | 0.943 |
| 0221886F/2018 | 1.498 | 3.143 | 0.014 | 0.193 | 0.178 | 0.785 |
| 0230018V/2018 | -0.675 | -0.164 | 0.003 | 0.001 | 0.936 | 0.055 |
| 0230019W/2018 | -0.844 | -0.292 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0230020X/2018 | -0.669 | -0.139 | 0.003 | 0.000 | 0.950 | 0.041 |
| 0230025C/2018 | -0.704 | -0.288 | 0.003 | 0.002 | 0.852 | 0.142 |
| 0230030H/2018 | -0.708 | -0.197 | 0.003 | 0.001 | 0.924 | 0.071 |
| 0230051F/2018 | -0.754 | -0.172 | 0.003 | 0.001 | 0.949 | 0.049 |
| 0230602E/2018 | -0.182 | 0.263 | 0.000 | 0.001 | 0.226 | 0.471 |
| 0240005A/2018 | -0.568 | -0.076 | 0.002 | 0.000 | 0.958 | 0.017 |
| 0240006B/2018 | -0.760 | -0.268 | 0.004 | 0.001 | 0.888 | 0.110 |
| 0240023V/2018 | -0.646 | -0.243 | 0.003 | 0.001 | 0.864 | 0.122 |
| 0240024W/2018 | -0.439 | 0.066 | 0.001 | 0.000 | 0.877 | 0.020 |
| 0240025X/2018 | -0.558 | 0.019 | 0.002 | 0.000 | 0.976 | 0.001 |
| 0240026Y/2018 | -0.658 | -0.111 | 0.003 | 0.000 | 0.963 | 0.027 |
| 0240035H/2018 | -0.653 | -0.276 | 0.003 | 0.001 | 0.836 | 0.149 |
| 0240079F/2018 | -0.699 | -0.128 | 0.003 | 0.000 | 0.964 | 0.033 |
| 0240092V/2018 | -0.721 | -0.085 | 0.003 | 0.000 | 0.985 | 0.014 |
| 0241131Z/2018 | 0.330 | 1.812 | 0.001 | 0.064 | 0.031 | 0.952 |
| 0241137F/2018 | -0.478 | -0.206 | 0.001 | 0.001 | 0.777 | 0.144 |
| 0241279K/2018 | -0.187 | 0.124 | 0.000 | 0.000 | 0.311 | 0.138 |
| 0250001R/2018 | -0.796 | -0.255 | 0.004 | 0.001 | 0.907 | 0.093 |
| 0250007X/2018 | -0.177 | 0.354 | 0.000 | 0.002 | 0.150 | 0.602 |
| 0250008Y/2018 | -0.696 | -0.263 | 0.003 | 0.001 | 0.870 | 0.125 |
| 0250010A/2018 | -0.471 | -0.020 | 0.001 | 0.000 | 0.924 | 0.002 |
| 0250011B/2018 | -0.639 | -0.165 | 0.003 | 0.001 | 0.923 | 0.061 |
| 0250013D/2018 | -0.733 | -0.296 | 0.003 | 0.002 | 0.856 | 0.139 |
| 0250030X/2018 | -0.599 | -0.119 | 0.002 | 0.000 | 0.944 | 0.037 |
| 0250043L/2018 | -0.614 | -0.158 | 0.002 | 0.000 | 0.923 | 0.061 |
| 0250067M/2018 | -0.747 | -0.254 | 0.003 | 0.001 | 0.895 | 0.104 |
| 0251018W/2018 | 0.030 | 0.594 | 0.000 | 0.007 | 0.002 | 0.815 |
| 0251021Z/2018 | -0.779 | -0.243 | 0.004 | 0.001 | 0.910 | 0.089 |
| 0251028G/2018 | -0.623 | 0.000 | 0.002 | 0.000 | 0.992 | 0.000 |
| 0251202W/2018 | -0.637 | 0.029 | 0.002 | 0.000 | 0.993 | 0.002 |
| 0251215K/2018 | 0.263 | 1.606 | 0.000 | 0.050 | 0.026 | 0.954 |
| 0251263M/2018 | -0.633 | -0.212 | 0.002 | 0.001 | 0.884 | 0.099 |
| 0251480Y/2018 | -0.720 | -0.121 | 0.003 | 0.000 | 0.971 | 0.027 |
| 0251671F/2018 | -0.765 | -0.266 | 0.004 | 0.001 | 0.892 | 0.108 |
| 0251711Z/2018 | -0.446 | -0.326 | 0.001 | 0.002 | 0.582 | 0.310 |
| 0251746M/2018 | -0.866 | -0.365 | 0.005 | 0.003 | 0.849 | 0.151 |
| 0251763F/2018 | -0.243 | 0.474 | 0.000 | 0.004 | 0.184 | 0.701 |
| 0251821U/2018 | -0.551 | 0.097 | 0.002 | 0.000 | 0.953 | 0.030 |
| 0251994G/2018 | -0.594 | -0.162 | 0.002 | 0.001 | 0.907 | 0.067 |
| 025CPS01/2018 | -0.894 | -0.454 | 0.005 | 0.004 | 0.795 | 0.205 |
| 0260015A/2018 | -0.408 | -0.159 | 0.001 | 0.000 | 0.740 | 0.113 |
| 0260019E/2018 | -0.501 | -0.019 | 0.002 | 0.000 | 0.948 | 0.001 |
| 0260023J/2018 | -0.606 | -0.158 | 0.002 | 0.000 | 0.918 | 0.062 |
| 0260035X/2018 | -0.421 | 0.105 | 0.001 | 0.000 | 0.837 | 0.052 |
| 0260072M/2018 | -0.791 | -0.257 | 0.004 | 0.001 | 0.904 | 0.095 |
| 0260074P/2018 | -0.657 | -0.065 | 0.003 | 0.000 | 0.985 | 0.010 |
| 0260113G/2018 | -0.645 | -0.228 | 0.003 | 0.001 | 0.874 | 0.109 |
| 0260765R/2018 | -0.735 | -0.211 | 0.003 | 0.001 | 0.922 | 0.076 |
| 0260791U/2018 | -0.742 | -0.256 | 0.003 | 0.001 | 0.891 | 0.106 |
| 0260998U/2018 | 0.712 | 1.093 | 0.003 | 0.023 | 0.252 | 0.593 |
| 0261067U/2018 | -0.677 | -0.082 | 0.003 | 0.000 | 0.984 | 0.014 |
| 0261097B/2018 | -0.758 | -0.089 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0261100E/2018 | -0.719 | -0.300 | 0.003 | 0.002 | 0.848 | 0.148 |
| 0261265J/2018 | -0.700 | 0.069 | 0.003 | 0.000 | 0.990 | 0.010 |
| 0261277X/2018 | -0.616 | -0.319 | 0.002 | 0.002 | 0.772 | 0.207 |
| 0261357J/2018 | -0.543 | 0.140 | 0.002 | 0.000 | 0.923 | 0.061 |
| 0261372A/2018 | -0.099 | 0.898 | 0.000 | 0.016 | 0.011 | 0.952 |
| 0261397C/2018 | -0.745 | -0.363 | 0.003 | 0.003 | 0.805 | 0.191 |
| 0261459V/2018 | 2.729 | -1.150 | 0.046 | 0.026 | 0.592 | 0.105 |
| 0261505V/2018 | -0.560 | -0.157 | 0.002 | 0.000 | 0.892 | 0.070 |
| 0270003G/2018 | -0.586 | 0.029 | 0.002 | 0.000 | 0.984 | 0.002 |
| 0270016W/2018 | -0.462 | 0.032 | 0.001 | 0.000 | 0.921 | 0.004 |
| 0270017X/2018 | -0.739 | -0.276 | 0.003 | 0.001 | 0.875 | 0.121 |
| 0270026G/2018 | -0.643 | 0.049 | 0.003 | 0.000 | 0.991 | 0.006 |
| 0270029K/2018 | -0.593 | -0.166 | 0.002 | 0.001 | 0.902 | 0.071 |
| 0270044B/2018 | -0.623 | -0.137 | 0.002 | 0.000 | 0.939 | 0.046 |
| 0271016H/2018 | -0.727 | -0.244 | 0.003 | 0.001 | 0.895 | 0.101 |
| 0271053Y/2018 | -0.661 | 0.055 | 0.003 | 0.000 | 0.989 | 0.007 |
| 0271070S/2018 | -0.550 | 0.034 | 0.002 | 0.000 | 0.969 | 0.004 |
| 0271107G/2018 | -0.660 | -0.142 | 0.003 | 0.000 | 0.946 | 0.044 |
| 0271282X/2018 | -0.718 | -0.193 | 0.003 | 0.001 | 0.931 | 0.067 |
| 0271319M/2018 | -0.838 | -0.330 | 0.004 | 0.002 | 0.866 | 0.134 |
| 0271382F/2018 | -0.690 | 0.066 | 0.003 | 0.000 | 0.990 | 0.009 |
| 0271431J/2018 | -0.628 | -0.055 | 0.002 | 0.000 | 0.982 | 0.007 |
| 0271579V/2018 | -0.508 | -0.088 | 0.002 | 0.000 | 0.917 | 0.028 |
| 0271580W/2018 | -0.558 | 0.019 | 0.002 | 0.000 | 0.973 | 0.001 |
| 0271582Y/2018 | -0.597 | -0.308 | 0.002 | 0.002 | 0.768 | 0.205 |
| 0271634E/2018 | -0.659 | -0.035 | 0.003 | 0.000 | 0.994 | 0.003 |
| 0271666P/2018 | -0.205 | 0.121 | 0.000 | 0.000 | 0.373 | 0.131 |
| 0271677B/2018 | -0.280 | 0.549 | 0.000 | 0.006 | 0.198 | 0.758 |
| 0280007F/2018 | -0.358 | 0.181 | 0.001 | 0.001 | 0.664 | 0.169 |
| 0280019U/2018 | -0.555 | -0.054 | 0.002 | 0.000 | 0.963 | 0.009 |
| 0280021W/2018 | -0.723 | -0.263 | 0.003 | 0.001 | 0.879 | 0.116 |
| 0280036M/2018 | -0.714 | -0.194 | 0.003 | 0.001 | 0.928 | 0.069 |
| 0280044W/2018 | -0.624 | -0.222 | 0.002 | 0.001 | 0.873 | 0.110 |
| 0280665W/2018 | -0.729 | -0.201 | 0.003 | 0.001 | 0.927 | 0.071 |
| 0280706R/2018 | -0.751 | -0.199 | 0.003 | 0.001 | 0.933 | 0.066 |
| 0280864M/2018 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0280925D/2018 | -0.587 | -0.096 | 0.002 | 0.000 | 0.956 | 0.026 |
| 0280967Z/2018 | -0.763 | -0.106 | 0.004 | 0.000 | 0.981 | 0.019 |
| 0281047L/2018 | -0.513 | -0.087 | 0.002 | 0.000 | 0.914 | 0.026 |
| 0281056W/2018 | -0.520 | 0.005 | 0.002 | 0.000 | 0.947 | 0.000 |
| 0281077U/2018 | -0.523 | -0.047 | 0.002 | 0.000 | 0.947 | 0.008 |
| 0290007A/2018 | -0.168 | 0.544 | 0.000 | 0.006 | 0.077 | 0.812 |
| 0290008B/2018 | -0.229 | -0.098 | 0.000 | 0.000 | 0.387 | 0.071 |
| 0290012F/2018 | -0.723 | -0.234 | 0.003 | 0.001 | 0.902 | 0.094 |
| 0290013G/2018 | -0.475 | -0.028 | 0.001 | 0.000 | 0.925 | 0.003 |
| 0290018M/2018 | -0.634 | -0.116 | 0.002 | 0.000 | 0.954 | 0.032 |
| 0290022S/2018 | -0.616 | 0.040 | 0.002 | 0.000 | 0.987 | 0.004 |
| 0290044R/2018 | -0.619 | -0.049 | 0.002 | 0.000 | 0.979 | 0.006 |
| 0290051Y/2018 | -0.520 | -0.196 | 0.002 | 0.001 | 0.824 | 0.117 |
| 0290062K/2018 | -0.475 | -0.010 | 0.001 | 0.000 | 0.943 | 0.000 |
| 0290063L/2018 | -0.523 | -0.131 | 0.002 | 0.000 | 0.885 | 0.056 |
| 0290069T/2018 | -0.425 | 0.204 | 0.001 | 0.001 | 0.752 | 0.174 |
| 0290070U/2018 | -0.462 | -0.194 | 0.001 | 0.001 | 0.773 | 0.137 |
| 0290071V/2018 | -0.644 | -0.041 | 0.003 | 0.000 | 0.986 | 0.004 |
| 0290076A/2018 | -0.448 | -0.020 | 0.001 | 0.000 | 0.887 | 0.002 |
| 0290098Z/2018 | -0.329 | 0.054 | 0.001 | 0.000 | 0.734 | 0.020 |
| 0290105G/2018 | -0.804 | -0.306 | 0.004 | 0.002 | 0.873 | 0.127 |
| 0290108K/2018 | -0.532 | -0.170 | 0.002 | 0.001 | 0.864 | 0.088 |
| 0290119X/2018 | 6.230 | -1.867 | 0.239 | 0.068 | 0.678 | 0.061 |
| 0290126E/2018 | -0.210 | 0.415 | 0.000 | 0.003 | 0.171 | 0.668 |
| 0290156M/2018 | -0.607 | 0.036 | 0.002 | 0.000 | 0.981 | 0.003 |
| 0290159R/2018 | -0.609 | 0.037 | 0.002 | 0.000 | 0.987 | 0.004 |
| 0290168A/2018 | -0.621 | 0.041 | 0.002 | 0.000 | 0.985 | 0.004 |
| 0290170C/2018 | -0.633 | -0.108 | 0.002 | 0.000 | 0.960 | 0.028 |
| 0290171D/2018 | -0.649 | 0.052 | 0.003 | 0.000 | 0.992 | 0.006 |
| 0290177K/2018 | -0.674 | -0.101 | 0.003 | 0.000 | 0.974 | 0.022 |
| 0290181P/2018 | -0.523 | 0.050 | 0.002 | 0.000 | 0.962 | 0.009 |
| 0290184T/2018 | -0.701 | -0.020 | 0.003 | 0.000 | 0.997 | 0.001 |
| 0290186V/2018 | -0.682 | -0.013 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0290334F/2018 | 0.189 | 0.353 | 0.000 | 0.002 | 0.109 | 0.378 |
| 0290335G/2018 | -0.533 | -0.035 | 0.002 | 0.000 | 0.957 | 0.004 |
| 0290336H/2018 | -0.520 | 0.005 | 0.002 | 0.000 | 0.954 | 0.000 |
| 0290338K/2018 | -0.597 | -0.057 | 0.002 | 0.000 | 0.971 | 0.009 |
| 0290340M/2018 | -0.594 | -0.147 | 0.002 | 0.000 | 0.924 | 0.057 |
| 0290341N/2018 | -0.654 | -0.109 | 0.003 | 0.000 | 0.965 | 0.027 |
| 0290346U/2018 | 0.160 | 1.579 | 0.000 | 0.049 | 0.010 | 0.975 |
| 0290352A/2018 | 0.358 | 0.909 | 0.001 | 0.016 | 0.115 | 0.744 |
| 0291208F/2018 | -0.675 | -0.029 | 0.003 | 0.000 | 0.994 | 0.002 |
| 0291574D/2018 | -0.699 | 0.069 | 0.003 | 0.000 | 0.990 | 0.010 |
| 0291660X/2018 | -0.331 | 0.656 | 0.001 | 0.008 | 0.199 | 0.781 |
| 0291751W/2018 | -0.708 | -0.017 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0291790N/2018 | -0.583 | 0.297 | 0.002 | 0.002 | 0.792 | 0.205 |
| 0291842V/2018 | -0.677 | 0.151 | 0.003 | 0.000 | 0.952 | 0.047 |
| 0292047T/2018 | -0.426 | -0.028 | 0.001 | 0.000 | 0.875 | 0.004 |
| 0292125C/2018 | 4.013 | -1.309 | 0.099 | 0.033 | 0.649 | 0.069 |
| 0292185T/2018 | -0.090 | -0.057 | 0.000 | 0.000 | 0.068 | 0.027 |
| 0292335F/2018 | -0.425 | 0.421 | 0.001 | 0.003 | 0.498 | 0.489 |
| 0300002P/2018 | -0.664 | -0.180 | 0.003 | 0.001 | 0.923 | 0.067 |
| 0300021K/2018 | -0.239 | 0.225 | 0.000 | 0.001 | 0.367 | 0.326 |
| 0300023M/2018 | -0.210 | -0.123 | 0.000 | 0.000 | 0.317 | 0.109 |
| 0300026R/2018 | -0.556 | -0.186 | 0.002 | 0.001 | 0.858 | 0.096 |
| 0300027S/2018 | -0.483 | -0.100 | 0.001 | 0.000 | 0.887 | 0.038 |
| 0300041G/2018 | -0.819 | -0.301 | 0.004 | 0.002 | 0.881 | 0.119 |
| 0300080Z/2018 | -0.564 | 0.075 | 0.002 | 0.000 | 0.963 | 0.017 |
| 0300083C/2018 | -0.567 | 0.201 | 0.002 | 0.001 | 0.879 | 0.111 |
| 0300109F/2018 | -0.644 | -0.004 | 0.003 | 0.000 | 0.995 | 0.000 |
| 0300112E/2018 | -0.749 | -0.111 | 0.003 | 0.000 | 0.978 | 0.021 |
| 0300112J/2018 | -0.442 | 0.265 | 0.001 | 0.001 | 0.700 | 0.250 |
| 0300125Y/2018 | -0.784 | -0.248 | 0.004 | 0.001 | 0.909 | 0.091 |
| 0300127A/2018 | -0.608 | 0.037 | 0.002 | 0.000 | 0.990 | 0.004 |
| 0300139N/2018 | -0.660 | -0.142 | 0.003 | 0.000 | 0.946 | 0.044 |
| 0300930Y/2018 | 0.639 | 0.854 | 0.003 | 0.014 | 0.276 | 0.494 |
| 0300950V/2018 | -0.680 | -0.162 | 0.003 | 0.001 | 0.940 | 0.053 |
| 0301376H/2018 | -0.548 | 0.195 | 0.002 | 0.001 | 0.878 | 0.111 |
| 0301433V/2018 | -0.767 | -0.104 | 0.004 | 0.000 | 0.982 | 0.018 |
| 0301552Z/2018 | -0.216 | -0.255 | 0.000 | 0.001 | 0.225 | 0.316 |
| 0301577B/2018 | 4.066 | 8.516 | 0.102 | 1.415 | 0.184 | 0.806 |
| 0301654K/2018 | -0.554 | -0.233 | 0.002 | 0.001 | 0.819 | 0.145 |
| 0301687W/2018 | 1.058 | 3.555 | 0.007 | 0.247 | 0.081 | 0.910 |
| 0301778V/2018 | -0.614 | -0.062 | 0.002 | 0.000 | 0.980 | 0.010 |
| 0310017A/2018 | -0.639 | -0.150 | 0.003 | 0.000 | 0.933 | 0.051 |
| 0310024H/2018 | -0.302 | -0.072 | 0.001 | 0.000 | 0.610 | 0.035 |
| 0310028M/2018 | -0.672 | -0.299 | 0.003 | 0.002 | 0.825 | 0.164 |
| 0310032S/2018 | -0.703 | -0.306 | 0.003 | 0.002 | 0.835 | 0.158 |
| 0310036W/2018 | 0.540 | 0.329 | 0.002 | 0.002 | 0.395 | 0.147 |
| 0310038Y/2018 | 0.325 | 0.117 | 0.001 | 0.000 | 0.269 | 0.035 |
| 0310039Z/2018 | 0.010 | -0.141 | 0.000 | 0.000 | 0.001 | 0.115 |
| 0310040A/2018 | -0.054 | -0.292 | 0.000 | 0.002 | 0.012 | 0.355 |
| 0310041B/2018 | 0.261 | 0.824 | 0.000 | 0.013 | 0.080 | 0.794 |
| 0310044E/2018 | -0.383 | -0.054 | 0.001 | 0.000 | 0.777 | 0.015 |
| 0310046G/2018 | -0.135 | 0.013 | 0.000 | 0.000 | 0.178 | 0.002 |
| 0310047H/2018 | -0.069 | 0.079 | 0.000 | 0.000 | 0.043 | 0.056 |
| 0310053P/2018 | -0.559 | -0.366 | 0.002 | 0.003 | 0.666 | 0.286 |
| 0310054R/2018 | -0.706 | -0.287 | 0.003 | 0.002 | 0.852 | 0.141 |
| 0310056T/2018 | -0.600 | -0.343 | 0.002 | 0.002 | 0.733 | 0.240 |
| 0310088C/2018 | -0.805 | -0.306 | 0.004 | 0.002 | 0.874 | 0.126 |
| 0310098N/2018 | -0.711 | -0.381 | 0.003 | 0.003 | 0.770 | 0.221 |
| 0310147S/2018 | -0.691 | -0.149 | 0.003 | 0.000 | 0.953 | 0.044 |
| 0310152X/2018 | 11.569 | 0.460 | 0.822 | 0.004 | 0.778 | 0.001 |
| 0310155A/2018 | -0.193 | 1.301 | 0.000 | 0.033 | 0.021 | 0.974 |
| 0311086M/2018 | 1.396 | 1.392 | 0.012 | 0.038 | 0.418 | 0.415 |
| 0311092U/2018 | -0.793 | -0.304 | 0.004 | 0.002 | 0.871 | 0.128 |
| 0311133N/2018 | -0.692 | -0.113 | 0.003 | 0.000 | 0.970 | 0.026 |
| 0311145B/2018 | -0.785 | -0.241 | 0.004 | 0.001 | 0.913 | 0.086 |
| 0311177L/2018 | -0.554 | -0.027 | 0.002 | 0.000 | 0.972 | 0.002 |
| 0311186W/2018 | -0.380 | 0.189 | 0.001 | 0.001 | 0.710 | 0.176 |
| 0311190A/2018 | -0.711 | -0.124 | 0.003 | 0.000 | 0.965 | 0.029 |
| 0311192C/2018 | -0.711 | -0.196 | 0.003 | 0.001 | 0.926 | 0.070 |
| 0311201M/2018 | -0.689 | -0.150 | 0.003 | 0.000 | 0.950 | 0.045 |
| 0311213A/2018 | -0.567 | 0.008 | 0.002 | 0.000 | 0.977 | 0.000 |
| 0311262D/2018 | -0.359 | -0.105 | 0.001 | 0.000 | 0.710 | 0.061 |
| 0311270M/2018 | -0.756 | -0.090 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0311323V/2018 | -0.466 | -0.319 | 0.001 | 0.002 | 0.618 | 0.289 |
| 0311382J/2018 | 1.353 | 3.348 | 0.011 | 0.219 | 0.138 | 0.844 |
| 0311383K/2018 | 0.944 | 3.339 | 0.005 | 0.217 | 0.073 | 0.919 |
| 0311384L/2018 | 1.346 | 3.455 | 0.011 | 0.233 | 0.129 | 0.851 |
| 0311586F/2018 | 0.245 | -0.410 | 0.000 | 0.003 | 0.111 | 0.311 |
| 0311713U/2018 | 0.152 | 0.376 | 0.000 | 0.003 | 0.070 | 0.424 |
| 0311902Z/2018 | -0.211 | -0.261 | 0.000 | 0.001 | 0.220 | 0.337 |
| 0312020C/2018 | 0.012 | -0.005 | 0.000 | 0.000 | 0.001 | 0.000 |
| 0312060W/2018 | -0.728 | -0.190 | 0.003 | 0.001 | 0.934 | 0.064 |
| 0312061X/2018 | -0.570 | -0.066 | 0.002 | 0.000 | 0.966 | 0.013 |
| 0312093G/2018 | -0.321 | -0.156 | 0.001 | 0.000 | 0.547 | 0.129 |
| 0312267W/2018 | -0.240 | -0.501 | 0.000 | 0.005 | 0.138 | 0.602 |
| 0312289V/2018 | -0.586 | -0.196 | 0.002 | 0.001 | 0.869 | 0.097 |
| 0312290W/2018 | -0.259 | -0.219 | 0.000 | 0.001 | 0.351 | 0.251 |
| 0312355S/2018 | -0.788 | -0.258 | 0.004 | 0.001 | 0.902 | 0.097 |
| 0312390E/2018 | 3.050 | 0.225 | 0.057 | 0.001 | 0.719 | 0.004 |
| 0312408Z/2018 | -0.485 | 0.063 | 0.001 | 0.000 | 0.933 | 0.016 |
| 0312550D/2018 | -0.699 | -0.235 | 0.003 | 0.001 | 0.895 | 0.101 |
| 0312686B/2018 | -0.412 | -0.392 | 0.001 | 0.003 | 0.451 | 0.407 |
| 0312759F/2018 | -0.455 | -0.063 | 0.001 | 0.000 | 0.871 | 0.017 |
| 0312765M/2018 | -0.821 | -0.246 | 0.004 | 0.001 | 0.917 | 0.083 |
| 0312822Z/2018 | -0.701 | -0.222 | 0.003 | 0.001 | 0.903 | 0.090 |
| 0312839T/2018 | 1.216 | 0.194 | 0.009 | 0.001 | 0.595 | 0.015 |
| 0312951P/2018 | -0.737 | -0.150 | 0.003 | 0.000 | 0.959 | 0.040 |
| 0315550I/2018 | 3.063 | 0.254 | 0.058 | 0.001 | 0.713 | 0.005 |
| 0320002D/2018 | -0.567 | -0.282 | 0.002 | 0.002 | 0.773 | 0.191 |
| 0320015T/2018 | -0.807 | -0.305 | 0.004 | 0.002 | 0.874 | 0.125 |
| 0320023B/2018 | -0.814 | -0.357 | 0.004 | 0.002 | 0.838 | 0.161 |
| 0320025D/2018 | -0.768 | -0.211 | 0.004 | 0.001 | 0.929 | 0.070 |
| 0320030J/2018 | -0.822 | -0.300 | 0.004 | 0.002 | 0.882 | 0.118 |
| 0320039U/2018 | -0.637 | -0.007 | 0.002 | 0.000 | 0.994 | 0.000 |
| 0320067Z/2018 | -0.608 | -0.161 | 0.002 | 0.001 | 0.913 | 0.064 |
| 0320557G/2018 | -0.801 | -0.325 | 0.004 | 0.002 | 0.858 | 0.141 |
| 0320633P/2018 | -0.610 | 0.127 | 0.002 | 0.000 | 0.952 | 0.041 |
| 0320691C/2018 | -0.112 | 0.184 | 0.000 | 0.001 | 0.100 | 0.270 |
| 0330003Z/2018 | -0.678 | -0.279 | 0.003 | 0.002 | 0.845 | 0.143 |
| 0330018R/2018 | -0.453 | -0.109 | 0.001 | 0.000 | 0.832 | 0.048 |
| 0330021U/2018 | 0.835 | 0.495 | 0.004 | 0.005 | 0.481 | 0.169 |
| 0330023W/2018 | -0.117 | 0.281 | 0.000 | 0.002 | 0.086 | 0.495 |
| 0330026Z/2018 | -0.566 | -0.301 | 0.002 | 0.002 | 0.749 | 0.212 |
| 0330027A/2018 | 0.336 | -0.281 | 0.001 | 0.002 | 0.208 | 0.146 |
| 0330028B/2018 | -0.022 | 0.073 | 0.000 | 0.000 | 0.004 | 0.040 |
| 0330029C/2018 | 0.052 | 0.100 | 0.000 | 0.000 | 0.017 | 0.066 |
| 0330060L/2018 | -0.061 | -0.571 | 0.000 | 0.006 | 0.007 | 0.622 |
| 0330069W/2018 | -0.284 | 0.102 | 0.000 | 0.000 | 0.641 | 0.083 |
| 0330088S/2018 | -0.480 | -0.008 | 0.001 | 0.000 | 0.938 | 0.000 |
| 0330089T/2018 | -0.722 | -0.147 | 0.003 | 0.000 | 0.957 | 0.040 |
| 0330119A/2018 | -0.808 | -0.305 | 0.004 | 0.002 | 0.875 | 0.125 |
| 0330126H/2018 | -0.272 | -0.159 | 0.000 | 0.000 | 0.453 | 0.154 |
| 0330135T/2018 | -0.567 | -0.079 | 0.002 | 0.000 | 0.948 | 0.018 |
| 0330142A/2018 | -0.745 | -0.273 | 0.003 | 0.001 | 0.880 | 0.118 |
| 0330159U/2018 | -0.820 | -0.423 | 0.004 | 0.003 | 0.790 | 0.210 |
| 0330203S/2018 | -0.777 | -0.387 | 0.004 | 0.003 | 0.800 | 0.199 |
| 0331420P/2018 | -0.014 | 0.364 | 0.000 | 0.003 | 0.001 | 0.611 |
| 0331424U/2018 | -0.462 | 0.003 | 0.001 | 0.000 | 0.922 | 0.000 |
| 0331495W/2018 | -0.449 | -0.172 | 0.001 | 0.001 | 0.778 | 0.114 |
| 0331498Z/2018 | -0.652 | -0.019 | 0.003 | 0.000 | 0.997 | 0.001 |
| 0331501C/2018 | -0.340 | -0.094 | 0.001 | 0.000 | 0.687 | 0.053 |
| 0331502D/2018 | -0.574 | 0.043 | 0.002 | 0.000 | 0.970 | 0.005 |
| 0331503E/2018 | -0.435 | 0.208 | 0.001 | 0.001 | 0.766 | 0.176 |
| 0331548D/2018 | -0.808 | -0.251 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0331556M/2018 | -0.686 | -0.133 | 0.003 | 0.000 | 0.957 | 0.036 |
| 0331591A/2018 | -0.511 | -0.303 | 0.002 | 0.002 | 0.692 | 0.243 |
| 0331683A/2018 | -0.556 | -0.180 | 0.002 | 0.001 | 0.863 | 0.090 |
| 0331760J/2018 | -0.178 | -0.230 | 0.000 | 0.001 | 0.173 | 0.289 |
| 0331766R/2018 | 0.303 | 1.520 | 0.001 | 0.045 | 0.037 | 0.936 |
| 0331863W/2018 | -0.649 | -0.074 | 0.003 | 0.000 | 0.979 | 0.013 |
| 0331882S/2018 | -0.442 | -0.023 | 0.001 | 0.000 | 0.882 | 0.002 |
| 0332081H/2018 | -0.658 | -0.143 | 0.003 | 0.000 | 0.946 | 0.045 |
| 0332192D/2018 | 0.183 | 0.698 | 0.000 | 0.010 | 0.053 | 0.768 |
| 0332194F/2018 | -0.486 | -0.186 | 0.001 | 0.001 | 0.807 | 0.117 |
| 0332282B/2018 | -0.608 | 0.216 | 0.002 | 0.001 | 0.885 | 0.112 |
| 0332380H/2018 | -0.706 | -0.126 | 0.003 | 0.000 | 0.967 | 0.031 |
| 0332468D/2018 | -0.139 | -0.309 | 0.000 | 0.002 | 0.083 | 0.411 |
| 0332473J/2018 | -0.705 | -0.019 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0332722E/2018 | -0.646 | -0.147 | 0.003 | 0.000 | 0.937 | 0.049 |
| 0332747G/2018 | -0.169 | -0.119 | 0.000 | 0.000 | 0.209 | 0.105 |
| 0332832Z/2018 | -0.639 | -0.090 | 0.003 | 0.000 | 0.969 | 0.019 |
| 0332931G/2018 | -0.777 | -0.369 | 0.004 | 0.003 | 0.814 | 0.184 |
| 0332984P/2018 | 0.031 | 0.078 | 0.000 | 0.000 | 0.006 | 0.037 |
| 0333203C/2018 | -0.669 | -0.175 | 0.003 | 0.001 | 0.930 | 0.063 |
| 0333269Z/2018 | 2.829 | -0.522 | 0.049 | 0.005 | 0.675 | 0.023 |
| 0333273D/2018 | -0.282 | -0.123 | 0.000 | 0.000 | 0.532 | 0.102 |
| 0333298F/2018 | 0.995 | 2.112 | 0.006 | 0.087 | 0.173 | 0.780 |
| 0333357V/2018 | 0.282 | 0.829 | 0.000 | 0.013 | 0.085 | 0.732 |
| 0333358W/2018 | 1.404 | 0.864 | 0.012 | 0.015 | 0.546 | 0.207 |
| 0340011C/2018 | -0.578 | -0.064 | 0.002 | 0.000 | 0.962 | 0.012 |
| 0340030Y/2018 | -0.632 | -0.224 | 0.002 | 0.001 | 0.874 | 0.110 |
| 0340038G/2018 | 0.695 | 0.496 | 0.003 | 0.005 | 0.421 | 0.214 |
| 0340040J/2018 | 0.032 | -0.149 | 0.000 | 0.000 | 0.006 | 0.119 |
| 0340042L/2018 | -0.424 | -0.152 | 0.001 | 0.000 | 0.756 | 0.097 |
| 0340043M/2018 | -0.312 | 0.021 | 0.001 | 0.000 | 0.656 | 0.003 |
| 0340045P/2018 | -0.183 | -0.095 | 0.000 | 0.000 | 0.287 | 0.078 |
| 0340059E/2018 | -0.381 | -0.026 | 0.001 | 0.000 | 0.827 | 0.004 |
| 0340061G/2018 | -0.584 | -0.205 | 0.002 | 0.001 | 0.864 | 0.106 |
| 0340076Y/2018 | -0.615 | -0.122 | 0.002 | 0.000 | 0.945 | 0.037 |
| 0340099Y/2018 | -0.790 | -0.466 | 0.004 | 0.004 | 0.740 | 0.258 |
| 0340128E/2018 | -0.564 | -0.080 | 0.002 | 0.000 | 0.952 | 0.019 |
| 0340132J/2018 | 1.157 | 1.115 | 0.008 | 0.024 | 0.427 | 0.397 |
| 0340194H/2018 | -0.532 | 0.243 | 0.002 | 0.001 | 0.813 | 0.169 |
| 0340838B/2018 | 1.199 | 0.529 | 0.009 | 0.005 | 0.567 | 0.110 |
| 0340871M/2018 | -0.613 | 0.218 | 0.002 | 0.001 | 0.886 | 0.112 |
| 0340881Y/2018 | -0.448 | -0.020 | 0.001 | 0.000 | 0.897 | 0.002 |
| 0340991T/2018 | -0.645 | -0.102 | 0.003 | 0.000 | 0.967 | 0.024 |
| 0340992U/2018 | -0.729 | -0.136 | 0.003 | 0.000 | 0.964 | 0.034 |
| 0341089Z/2018 | 0.302 | 1.653 | 0.001 | 0.053 | 0.032 | 0.948 |
| 0341143H/2018 | 12.066 | -4.741 | 0.895 | 0.439 | 0.658 | 0.102 |
| 0341267T/2018 | 1.172 | 0.210 | 0.008 | 0.001 | 0.589 | 0.019 |
| 0341385W/2018 | -0.605 | -0.323 | 0.002 | 0.002 | 0.755 | 0.215 |
| 0341470N/2018 | -0.707 | -0.018 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0341521U/2018 | -0.765 | -0.177 | 0.004 | 0.001 | 0.948 | 0.051 |
| 0341523W/2018 | -0.639 | -0.221 | 0.003 | 0.001 | 0.875 | 0.104 |
| 0341736C/2018 | -0.006 | -0.357 | 0.000 | 0.002 | 0.000 | 0.415 |
| 0341794R/2018 | -0.683 | -0.295 | 0.003 | 0.002 | 0.836 | 0.156 |
| 0341884N/2018 | -0.475 | -0.083 | 0.001 | 0.000 | 0.885 | 0.027 |
| 0341898D/2018 | -0.027 | 0.422 | 0.000 | 0.003 | 0.003 | 0.688 |
| 0341921D/2018 | -0.208 | -0.123 | 0.000 | 0.000 | 0.320 | 0.112 |
| 0341956S/2018 | -0.126 | -0.046 | 0.000 | 0.000 | 0.122 | 0.016 |
| 0342066L/2018 | -0.214 | -0.264 | 0.000 | 0.001 | 0.227 | 0.345 |
| 0342073U/2018 | -0.435 | -0.131 | 0.001 | 0.000 | 0.821 | 0.075 |
| 0342090M/2018 | -0.694 | -0.130 | 0.003 | 0.000 | 0.961 | 0.034 |
| 0342091N/2018 | -0.570 | -0.003 | 0.002 | 0.000 | 0.979 | 0.000 |
| 0342225J/2018 | 0.190 | 0.140 | 0.000 | 0.000 | 0.152 | 0.082 |
| 0342299P/2018 | 1.875 | -0.793 | 0.022 | 0.012 | 0.560 | 0.100 |
| 0342321N/2018 | 1.610 | 3.326 | 0.016 | 0.216 | 0.184 | 0.785 |
| 034CPS01/2018 | -0.879 | -0.405 | 0.005 | 0.003 | 0.825 | 0.175 |
| 034CPS02/2018 | -0.891 | -0.437 | 0.005 | 0.004 | 0.806 | 0.194 |
| 0350005R/2018 | -0.409 | 0.397 | 0.001 | 0.003 | 0.501 | 0.472 |
| 0350011X/2018 | -0.668 | -0.206 | 0.003 | 0.001 | 0.905 | 0.086 |
| 0350022J/2018 | -0.526 | -0.015 | 0.002 | 0.000 | 0.960 | 0.001 |
| 0350026N/2018 | -0.393 | -0.039 | 0.001 | 0.000 | 0.845 | 0.008 |
| 0350028R/2018 | -0.301 | -0.132 | 0.001 | 0.000 | 0.549 | 0.106 |
| 0350029S/2018 | -0.452 | -0.027 | 0.001 | 0.000 | 0.884 | 0.003 |
| 0350030T/2018 | -0.687 | -0.384 | 0.003 | 0.003 | 0.753 | 0.234 |
| 0350042F/2018 | -0.494 | -0.064 | 0.001 | 0.000 | 0.916 | 0.015 |
| 0350048M/2018 | -0.239 | -0.094 | 0.000 | 0.000 | 0.432 | 0.067 |
| 0350068J/2018 | -0.592 | -0.489 | 0.002 | 0.005 | 0.571 | 0.391 |
| 0350077U/2018 | 0.495 | 0.543 | 0.002 | 0.006 | 0.306 | 0.369 |
| 0350089G/2018 | 0.545 | 0.704 | 0.002 | 0.010 | 0.280 | 0.467 |
| 0350697T/2018 | 0.887 | 1.109 | 0.005 | 0.024 | 0.321 | 0.502 |
| 0350700W/2018 | -0.567 | -0.063 | 0.002 | 0.000 | 0.960 | 0.012 |
| 0350709F/2018 | -0.697 | -0.291 | 0.003 | 0.002 | 0.844 | 0.147 |
| 0350710G/2018 | 0.613 | 0.697 | 0.002 | 0.009 | 0.319 | 0.413 |
| 0350769W/2018 | -0.571 | 0.023 | 0.002 | 0.000 | 0.977 | 0.002 |
| 0350774B/2018 | -0.583 | 0.027 | 0.002 | 0.000 | 0.976 | 0.002 |
| 0350776D/2018 | -0.428 | 0.206 | 0.001 | 0.001 | 0.763 | 0.177 |
| 0350777E/2018 | -0.429 | -0.026 | 0.001 | 0.000 | 0.895 | 0.003 |
| 0350778F/2018 | -0.404 | 0.197 | 0.001 | 0.001 | 0.732 | 0.174 |
| 0350783L/2018 | -0.672 | -0.299 | 0.003 | 0.002 | 0.828 | 0.164 |
| 0350787R/2018 | -0.763 | -0.106 | 0.004 | 0.000 | 0.981 | 0.019 |
| 0350791V/2018 | -0.670 | -0.031 | 0.003 | 0.000 | 0.992 | 0.002 |
| 0350793X/2018 | -0.614 | -0.111 | 0.002 | 0.000 | 0.950 | 0.031 |
| 0350795Z/2018 | -0.537 | 0.026 | 0.002 | 0.000 | 0.965 | 0.002 |
| 0350797B/2018 | -0.394 | 0.189 | 0.001 | 0.001 | 0.753 | 0.173 |
| 0350807M/2018 | -0.824 | -0.299 | 0.004 | 0.002 | 0.884 | 0.116 |
| 0350808N/2018 | -0.692 | -0.023 | 0.003 | 0.000 | 0.996 | 0.001 |
| 0350936C/2018 | 0.432 | 1.319 | 0.001 | 0.034 | 0.090 | 0.841 |
| 0350937D/2018 | 0.298 | 1.569 | 0.001 | 0.048 | 0.034 | 0.939 |
| 0351047Y/2018 | -0.663 | 0.056 | 0.003 | 0.000 | 0.990 | 0.007 |
| 0351603R/2018 | -0.848 | -0.380 | 0.004 | 0.003 | 0.833 | 0.167 |
| 0351603S/2018 | -0.813 | -0.393 | 0.004 | 0.003 | 0.810 | 0.189 |
| 0351858E/2018 | -0.375 | -0.153 | 0.001 | 0.000 | 0.698 | 0.116 |
| 0351878B/2018 | -0.747 | -0.138 | 0.003 | 0.000 | 0.966 | 0.033 |
| 0351907H/2018 | 0.541 | -0.058 | 0.002 | 0.000 | 0.407 | 0.005 |
| 0351947B/2018 | -0.582 | 0.208 | 0.002 | 0.001 | 0.885 | 0.113 |
| 0352009U/2018 | -0.048 | 0.089 | 0.000 | 0.000 | 0.018 | 0.063 |
| 0352072M/2018 | -0.486 | -0.006 | 0.001 | 0.000 | 0.955 | 0.000 |
| 0352305R/2018 | 0.541 | 2.590 | 0.002 | 0.131 | 0.042 | 0.953 |
| 0352337A/2018 | 0.859 | 0.321 | 0.005 | 0.002 | 0.504 | 0.070 |
| 0352349N/2018 | -0.540 | 0.532 | 0.002 | 0.006 | 0.506 | 0.492 |
| 0352373P/2018 | -0.363 | 0.757 | 0.001 | 0.011 | 0.186 | 0.806 |
| 0352379W/2018 | 0.050 | 0.359 | 0.000 | 0.003 | 0.010 | 0.512 |
| 0352446U/2018 | -0.806 | -0.251 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0352512R/2018 | -0.476 | 0.331 | 0.001 | 0.002 | 0.661 | 0.319 |
| 0352767T/2018 | -0.526 | 0.098 | 0.002 | 0.000 | 0.948 | 0.033 |
| 0352771X/2018 | -0.437 | 0.156 | 0.001 | 0.000 | 0.843 | 0.108 |
| 0352824E/2018 | 1.890 | -1.166 | 0.022 | 0.027 | 0.490 | 0.187 |
| 035CPS02/2018 | -0.874 | -0.425 | 0.005 | 0.004 | 0.809 | 0.191 |
| 0360009P/2018 | -0.571 | -0.066 | 0.002 | 0.000 | 0.954 | 0.013 |
| 0360017Y/2018 | -0.641 | -0.149 | 0.003 | 0.000 | 0.936 | 0.051 |
| 0360043B/2018 | -0.701 | -0.278 | 0.003 | 0.002 | 0.858 | 0.135 |
| 0360686A/2018 | -0.661 | 0.002 | 0.003 | 0.000 | 0.997 | 0.000 |
| 0360768P/2018 | -0.477 | 0.229 | 0.001 | 0.001 | 0.787 | 0.182 |
| 0360775X/2018 | -0.199 | 0.573 | 0.000 | 0.006 | 0.098 | 0.813 |
| 0360778A/2018 | -0.429 | 0.349 | 0.001 | 0.002 | 0.573 | 0.379 |
| 0370009J/2018 | -0.777 | -0.262 | 0.004 | 0.001 | 0.897 | 0.102 |
| 0370035M/2018 | 0.264 | 0.476 | 0.000 | 0.004 | 0.144 | 0.467 |
| 0370036N/2018 | 0.167 | -0.221 | 0.000 | 0.001 | 0.088 | 0.154 |
| 0370037P/2018 | -0.222 | -0.136 | 0.000 | 0.000 | 0.348 | 0.131 |
| 0370038R/2018 | -0.447 | -0.218 | 0.001 | 0.001 | 0.709 | 0.168 |
| 0370039S/2018 | -0.348 | -0.026 | 0.001 | 0.000 | 0.743 | 0.004 |
| 0370040T/2018 | -0.690 | -0.024 | 0.003 | 0.000 | 0.997 | 0.001 |
| 0370054H/2018 | -0.779 | -0.262 | 0.004 | 0.001 | 0.898 | 0.101 |
| 0370728R/2018 | -0.535 | 0.235 | 0.002 | 0.001 | 0.826 | 0.159 |
| 0370748M/2018 | -0.779 | -0.244 | 0.004 | 0.001 | 0.910 | 0.089 |
| 0370749N/2018 | -0.616 | -0.093 | 0.002 | 0.000 | 0.965 | 0.022 |
| 0370770L/2018 | -0.130 | 0.072 | 0.000 | 0.000 | 0.158 | 0.048 |
| 0370781Y/2018 | -0.709 | -0.187 | 0.003 | 0.001 | 0.932 | 0.065 |
| 0370800U/2018 | 1.264 | 3.553 | 0.010 | 0.246 | 0.111 | 0.878 |
| 0370881G/2018 | -0.699 | -0.236 | 0.003 | 0.001 | 0.893 | 0.102 |
| 0370888P/2018 | -0.642 | -0.310 | 0.003 | 0.002 | 0.798 | 0.186 |
| 0370987X/2018 | -0.623 | 0.042 | 0.002 | 0.000 | 0.991 | 0.005 |
| 0371099U/2018 | -0.713 | -0.267 | 0.003 | 0.001 | 0.871 | 0.122 |
| 0371417P/2018 | -0.287 | -0.275 | 0.001 | 0.001 | 0.358 | 0.328 |
| 0371418R/2018 | -0.371 | 0.185 | 0.001 | 0.001 | 0.680 | 0.169 |
| 0371470X/2018 | -0.780 | -0.243 | 0.004 | 0.001 | 0.911 | 0.088 |
| 0380008C/2018 | -0.541 | -0.125 | 0.002 | 0.000 | 0.907 | 0.048 |
| 0380018N/2018 | -0.591 | -0.059 | 0.002 | 0.000 | 0.975 | 0.010 |
| 0380027Y/2018 | 0.663 | 0.851 | 0.003 | 0.014 | 0.295 | 0.486 |
| 0380029A/2018 | -0.676 | -0.136 | 0.003 | 0.000 | 0.956 | 0.039 |
| 0380033E/2018 | -0.192 | 0.211 | 0.000 | 0.001 | 0.248 | 0.299 |
| 0380034F/2018 | -0.253 | -0.147 | 0.000 | 0.000 | 0.425 | 0.144 |
| 0380035G/2018 | -0.412 | 0.308 | 0.001 | 0.002 | 0.615 | 0.345 |
| 0380081G/2018 | -0.275 | -0.099 | 0.000 | 0.000 | 0.530 | 0.069 |
| 0380083J/2018 | -0.667 | -0.140 | 0.003 | 0.000 | 0.949 | 0.042 |
| 0380089R/2018 | -0.734 | -0.224 | 0.003 | 0.001 | 0.912 | 0.085 |
| 0380091T/2018 | -0.643 | -0.148 | 0.003 | 0.000 | 0.940 | 0.050 |
| 0380092U/2018 | -0.622 | -0.138 | 0.002 | 0.000 | 0.935 | 0.046 |
| 0380141X/2018 | 0.811 | 1.058 | 0.004 | 0.022 | 0.306 | 0.522 |
| 0380272Z/2018 | -0.623 | 0.311 | 0.002 | 0.002 | 0.800 | 0.199 |
| 0381513N/2018 | -0.543 | -0.220 | 0.002 | 0.001 | 0.814 | 0.133 |
| 0381516S/2018 | 0.413 | 0.838 | 0.001 | 0.014 | 0.155 | 0.637 |
| 0381516T/2018 | -0.731 | -0.153 | 0.003 | 0.000 | 0.956 | 0.042 |
| 0381603L/2018 | -0.531 | -0.071 | 0.002 | 0.000 | 0.946 | 0.017 |
| 0381629P/2018 | 1.746 | 6.767 | 0.019 | 0.894 | 0.062 | 0.936 |
| 0381666E/2018 | -0.757 | -0.269 | 0.004 | 0.001 | 0.886 | 0.112 |
| 0381678T/2018 | -0.697 | -0.121 | 0.003 | 0.000 | 0.968 | 0.029 |
| 0381775Y/2018 | 0.474 | 0.496 | 0.001 | 0.005 | 0.304 | 0.333 |
| 0381817U/2018 | -0.640 | -0.096 | 0.003 | 0.000 | 0.966 | 0.022 |
| 0381819W/2018 | -0.729 | -0.216 | 0.003 | 0.001 | 0.916 | 0.081 |
| 0381886U/2018 | -0.643 | -0.130 | 0.003 | 0.000 | 0.950 | 0.039 |
| 0382099A/2018 | -0.658 | -0.242 | 0.003 | 0.001 | 0.869 | 0.117 |
| 0382170C/2018 | -0.709 | -0.125 | 0.003 | 0.000 | 0.966 | 0.030 |
| 0382371W/2018 | -0.716 | 0.021 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0382440W/2018 | -0.542 | -0.345 | 0.002 | 0.002 | 0.673 | 0.274 |
| 0382669V/2018 | -0.534 | -0.079 | 0.002 | 0.000 | 0.946 | 0.021 |
| 0382780R/2018 | -0.378 | -0.075 | 0.001 | 0.000 | 0.774 | 0.030 |
| 0382838D/2018 | -0.701 | -0.271 | 0.003 | 0.001 | 0.865 | 0.129 |
| 0382863F/2018 | -0.302 | -0.263 | 0.001 | 0.001 | 0.395 | 0.300 |
| 0382881A/2018 | 12.505 | -3.104 | 0.961 | 0.188 | 0.714 | 0.044 |
| 0382895R/2018 | -0.646 | -0.156 | 0.003 | 0.000 | 0.936 | 0.054 |
| 0382920T/2018 | -0.123 | 0.169 | 0.000 | 0.001 | 0.122 | 0.231 |
| 0382938M/2018 | -0.691 | -0.023 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0383072H/2018 | -0.582 | 0.297 | 0.002 | 0.002 | 0.792 | 0.205 |
| 0383073J/2018 | -0.774 | -0.173 | 0.004 | 0.001 | 0.952 | 0.048 |
| 0383098L/2018 | 3.101 | 0.206 | 0.059 | 0.001 | 0.720 | 0.003 |
| 0383121L/2018 | 0.212 | 0.624 | 0.000 | 0.008 | 0.078 | 0.674 |
| 0383208F/2018 | -0.693 | -0.124 | 0.003 | 0.000 | 0.966 | 0.031 |
| 0383384X/2018 | 1.331 | 0.153 | 0.011 | 0.000 | 0.607 | 0.008 |
| 0383493R/2018 | 0.320 | 1.576 | 0.001 | 0.048 | 0.039 | 0.934 |
| 038CPS01/2018 | -0.892 | -0.454 | 0.005 | 0.004 | 0.794 | 0.206 |
| 0390012B/2018 | -0.462 | -0.014 | 0.001 | 0.000 | 0.934 | 0.001 |
| 0390013C/2018 | -0.710 | -0.232 | 0.003 | 0.001 | 0.899 | 0.096 |
| 0390019J/2018 | -0.682 | -0.134 | 0.003 | 0.000 | 0.959 | 0.037 |
| 0390024P/2018 | -0.748 | -0.272 | 0.003 | 0.001 | 0.882 | 0.117 |
| 0390027T/2018 | -0.407 | 0.414 | 0.001 | 0.003 | 0.479 | 0.496 |
| 0390029V/2018 | -0.623 | 0.042 | 0.002 | 0.000 | 0.985 | 0.004 |
| 0390033Z/2018 | -0.479 | 0.189 | 0.001 | 0.001 | 0.841 | 0.131 |
| 0390070P/2018 | -0.755 | -0.180 | 0.004 | 0.001 | 0.945 | 0.054 |
| 0390786T/2018 | -0.701 | -0.127 | 0.003 | 0.000 | 0.966 | 0.032 |
| 0390809T/2018 | -0.673 | -0.101 | 0.003 | 0.000 | 0.975 | 0.022 |
| 0390810U/2018 | -0.506 | -0.035 | 0.002 | 0.000 | 0.947 | 0.005 |
| 0390812W/2018 | -0.639 | 0.030 | 0.003 | 0.000 | 0.994 | 0.002 |
| 0391092A/2018 | -0.788 | -0.205 | 0.004 | 0.001 | 0.936 | 0.063 |
| 0391146J/2018 | -0.607 | 0.215 | 0.002 | 0.001 | 0.885 | 0.112 |
| 0400002K/2018 | -0.717 | -0.158 | 0.003 | 0.000 | 0.950 | 0.046 |
| 0400004M/2018 | -0.710 | -0.017 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0400007R/2018 | -0.675 | -0.209 | 0.003 | 0.001 | 0.905 | 0.087 |
| 0400017B/2018 | -0.494 | 0.014 | 0.002 | 0.000 | 0.939 | 0.001 |
| 0400018C/2018 | -0.517 | 0.005 | 0.002 | 0.000 | 0.957 | 0.000 |
| 0400019D/2018 | -0.820 | -0.337 | 0.004 | 0.002 | 0.855 | 0.144 |
| 0400027M/2018 | -0.806 | -0.301 | 0.004 | 0.002 | 0.877 | 0.122 |
| 0400067F/2018 | -0.658 | -0.034 | 0.003 | 0.000 | 0.996 | 0.003 |
| 0400097N/2018 | -0.706 | -0.287 | 0.003 | 0.002 | 0.851 | 0.141 |
| 0400139J/2018 | -0.692 | -0.131 | 0.003 | 0.000 | 0.963 | 0.034 |
| 0400750Y/2018 | -0.764 | -0.231 | 0.004 | 0.001 | 0.915 | 0.084 |
| 0400934Y/2018 | -0.423 | 0.213 | 0.001 | 0.001 | 0.744 | 0.189 |
| 0401002X/2018 | -0.695 | -0.202 | 0.003 | 0.001 | 0.916 | 0.077 |
| 0401016M/2018 | -0.612 | -0.051 | 0.002 | 0.000 | 0.985 | 0.007 |
| 040CPS02/2018 | -0.830 | -0.405 | 0.004 | 0.003 | 0.807 | 0.192 |
| 0410001D/2018 | -0.725 | -0.281 | 0.003 | 0.002 | 0.865 | 0.130 |
| 0410002E/2018 | -0.527 | -0.081 | 0.002 | 0.000 | 0.933 | 0.022 |
| 0410018X/2018 | -0.570 | -0.126 | 0.002 | 0.000 | 0.928 | 0.045 |
| 0410030K/2018 | -0.719 | -0.256 | 0.003 | 0.001 | 0.885 | 0.112 |
| 0410693F/2018 | -0.702 | -0.153 | 0.003 | 0.000 | 0.953 | 0.045 |
| 0410899E/2018 | -0.446 | 0.213 | 0.001 | 0.001 | 0.783 | 0.178 |
| 0410959V/2018 | -0.534 | -0.079 | 0.002 | 0.000 | 0.946 | 0.021 |
| 0410970G/2018 | -0.595 | 0.032 | 0.002 | 0.000 | 0.980 | 0.003 |
| 0410978R/2018 | -0.236 | 0.116 | 0.000 | 0.000 | 0.426 | 0.102 |
| 0420013L/2018 | -0.422 | -0.128 | 0.001 | 0.000 | 0.796 | 0.073 |
| 0420014M/2018 | -0.764 | -0.267 | 0.004 | 0.001 | 0.890 | 0.108 |
| 0420018S/2018 | -0.623 | -0.155 | 0.002 | 0.000 | 0.924 | 0.057 |
| 0420027B/2018 | -0.661 | -0.214 | 0.003 | 0.001 | 0.895 | 0.094 |
| 0420033H/2018 | -0.442 | -0.076 | 0.001 | 0.000 | 0.865 | 0.026 |
| 0420041S/2018 | -0.191 | 0.337 | 0.000 | 0.002 | 0.183 | 0.566 |
| 0420042T/2018 | -0.357 | -0.187 | 0.001 | 0.001 | 0.617 | 0.168 |
| 0420043U/2018 | -0.460 | -0.281 | 0.001 | 0.002 | 0.652 | 0.244 |
| 0420044V/2018 | -0.620 | -0.049 | 0.002 | 0.000 | 0.979 | 0.006 |
| 0420046X/2018 | -0.730 | -0.294 | 0.003 | 0.002 | 0.856 | 0.139 |
| 0420049A/2018 | -0.807 | -0.162 | 0.004 | 0.001 | 0.961 | 0.039 |
| 0420957M/2018 | 0.439 | 0.715 | 0.001 | 0.010 | 0.206 | 0.545 |
| 0420974F/2018 | -0.727 | -0.172 | 0.003 | 0.001 | 0.945 | 0.053 |
| 0420976H/2018 | -0.779 | -0.270 | 0.004 | 0.001 | 0.892 | 0.107 |
| 0420979L/2018 | -0.483 | 0.037 | 0.001 | 0.000 | 0.939 | 0.006 |
| 0421020F/2018 | -0.612 | 0.056 | 0.002 | 0.000 | 0.985 | 0.008 |
| 0421021G/2018 | -0.433 | 0.155 | 0.001 | 0.000 | 0.844 | 0.108 |
| 0421090G/2018 | -0.742 | -0.140 | 0.003 | 0.000 | 0.965 | 0.034 |
| 0421095M/2018 | 0.278 | 1.517 | 0.000 | 0.045 | 0.032 | 0.942 |
| 0421614B/2018 | 0.232 | 0.617 | 0.000 | 0.007 | 0.093 | 0.657 |
| 0421807L/2018 | -0.707 | -0.018 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0421976V/2018 | -0.763 | -0.267 | 0.004 | 0.001 | 0.889 | 0.109 |
| 0422026Z/2018 | 12.370 | -4.133 | 0.940 | 0.333 | 0.682 | 0.076 |
| 0422048Y/2018 | -0.160 | 0.416 | 0.000 | 0.003 | 0.101 | 0.681 |
| 0422152L/2018 | 0.211 | 1.360 | 0.000 | 0.036 | 0.023 | 0.937 |
| 0422160V/2018 | -0.770 | -0.211 | 0.004 | 0.001 | 0.930 | 0.070 |
| 0430020N/2018 | -0.674 | -0.375 | 0.003 | 0.003 | 0.753 | 0.233 |
| 0430021P/2018 | -0.594 | -0.145 | 0.002 | 0.000 | 0.923 | 0.055 |
| 0430055B/2018 | -0.680 | 0.008 | 0.003 | 0.000 | 0.997 | 0.000 |
| 0430065M/2018 | -0.705 | -0.108 | 0.003 | 0.000 | 0.976 | 0.023 |
| 0430098Y/2018 | -0.646 | -0.010 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0430112N/2018 | -0.595 | -0.147 | 0.002 | 0.000 | 0.920 | 0.056 |
| 0430113P/2018 | -0.700 | -0.128 | 0.003 | 0.000 | 0.966 | 0.032 |
| 0430947W/2018 | -0.690 | -0.132 | 0.003 | 0.000 | 0.960 | 0.035 |
| 0430951A/2018 | -0.128 | 0.153 | 0.000 | 0.000 | 0.132 | 0.189 |
| 0430953C/2018 | -0.778 | -0.262 | 0.004 | 0.001 | 0.897 | 0.102 |
| 0431000D/2018 | -0.672 | 0.006 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0440005S/2018 | -0.661 | -0.231 | 0.003 | 0.001 | 0.883 | 0.108 |
| 0440012Z/2018 | -0.343 | -0.057 | 0.001 | 0.000 | 0.753 | 0.021 |
| 0440021J/2018 | 0.615 | 0.400 | 0.002 | 0.003 | 0.408 | 0.173 |
| 0440024M/2018 | -0.365 | -0.139 | 0.001 | 0.000 | 0.694 | 0.100 |
| 0440029T/2018 | -0.403 | -0.026 | 0.001 | 0.000 | 0.829 | 0.003 |
| 0440030U/2018 | -0.724 | -0.281 | 0.003 | 0.002 | 0.864 | 0.130 |
| 0440033X/2018 | -0.672 | -0.299 | 0.003 | 0.002 | 0.824 | 0.163 |
| 0440062D/2018 | -0.441 | -0.144 | 0.001 | 0.000 | 0.792 | 0.085 |
| 0440063E/2018 | -0.581 | -0.170 | 0.002 | 0.001 | 0.901 | 0.077 |
| 0440069L/2018 | -0.539 | -0.235 | 0.002 | 0.001 | 0.797 | 0.152 |
| 0440086E/2018 | -0.180 | -0.160 | 0.000 | 0.001 | 0.211 | 0.168 |
| 0440104Z/2018 | 0.862 | 1.040 | 0.005 | 0.021 | 0.338 | 0.492 |
| 0440119R/2018 | -0.646 | 0.038 | 0.003 | 0.000 | 0.993 | 0.004 |
| 0440139M/2018 | 0.236 | 0.332 | 0.000 | 0.002 | 0.145 | 0.287 |
| 0440149Y/2018 | -0.658 | -0.143 | 0.003 | 0.000 | 0.947 | 0.045 |
| 0440154D/2018 | -0.475 | -0.010 | 0.001 | 0.000 | 0.947 | 0.000 |
| 0440161L/2018 | -0.290 | 0.516 | 0.001 | 0.005 | 0.229 | 0.726 |
| 0440163N/2018 | -0.332 | 0.171 | 0.001 | 0.001 | 0.629 | 0.168 |
| 0440246D/2018 | -0.598 | -0.133 | 0.002 | 0.000 | 0.934 | 0.046 |
| 0440254M/2018 | -0.506 | -0.028 | 0.002 | 0.000 | 0.942 | 0.003 |
| 0440256P/2018 | -0.511 | 0.121 | 0.002 | 0.000 | 0.915 | 0.051 |
| 0440259T/2018 | -0.717 | -0.193 | 0.003 | 0.001 | 0.930 | 0.068 |
| 0440279P/2018 | -0.739 | -0.275 | 0.003 | 0.001 | 0.877 | 0.122 |
| 0440282T/2018 | -0.745 | -0.219 | 0.003 | 0.001 | 0.919 | 0.080 |
| 0440288Z/2018 | 0.421 | -0.015 | 0.001 | 0.000 | 0.345 | 0.000 |
| 0440355X/2018 | -0.697 | -0.021 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0440980B/2018 | -0.637 | -0.070 | 0.002 | 0.000 | 0.978 | 0.012 |
| 0440982D/2018 | 0.101 | 0.520 | 0.000 | 0.005 | 0.025 | 0.668 |
| 0440984F/2018 | 0.888 | 2.231 | 0.005 | 0.097 | 0.132 | 0.836 |
| 0441032H/2018 | -0.677 | 0.061 | 0.003 | 0.000 | 0.989 | 0.008 |
| 0441552Y/2018 | -0.077 | -0.152 | 0.000 | 0.000 | 0.037 | 0.144 |
| 0441653H/2018 | -0.685 | -0.116 | 0.003 | 0.000 | 0.966 | 0.027 |
| 0441782Y/2018 | -0.719 | -0.265 | 0.003 | 0.001 | 0.877 | 0.119 |
| 0441823T/2018 | -0.815 | -0.338 | 0.004 | 0.002 | 0.853 | 0.147 |
| 0441946B/2018 | -0.714 | -0.231 | 0.003 | 0.001 | 0.901 | 0.094 |
| 0441972E/2018 | -0.777 | -0.172 | 0.004 | 0.001 | 0.953 | 0.047 |
| 0441993C/2018 | 0.069 | 0.113 | 0.000 | 0.000 | 0.029 | 0.078 |
| 0442061B/2018 | -0.550 | -0.038 | 0.002 | 0.000 | 0.961 | 0.005 |
| 0442094M/2018 | -0.540 | 0.031 | 0.002 | 0.000 | 0.968 | 0.003 |
| 0442095N/2018 | -0.406 | -0.035 | 0.001 | 0.000 | 0.844 | 0.006 |
| 0442124V/2018 | -0.385 | -0.042 | 0.001 | 0.000 | 0.820 | 0.010 |
| 0442227G/2018 | -0.541 | 0.014 | 0.002 | 0.000 | 0.981 | 0.001 |
| 0442273G/2018 | -0.637 | 0.047 | 0.002 | 0.000 | 0.990 | 0.005 |
| 0442292C/2018 | -0.065 | 0.076 | 0.000 | 0.000 | 0.033 | 0.045 |
| 0442311Y/2018 | 1.303 | 0.164 | 0.010 | 0.001 | 0.611 | 0.010 |
| 0442409E/2018 | 12.445 | -3.298 | 0.952 | 0.212 | 0.708 | 0.050 |
| 0442448X/2018 | -0.801 | -0.419 | 0.004 | 0.003 | 0.784 | 0.215 |
| 0442658A/2018 | -0.383 | -0.132 | 0.001 | 0.000 | 0.742 | 0.088 |
| 0442699V/2018 | -0.499 | 0.115 | 0.002 | 0.000 | 0.916 | 0.048 |
| 0442725Y/2018 | -0.583 | -0.169 | 0.002 | 0.001 | 0.897 | 0.076 |
| 0442752C/2018 | -0.559 | -0.071 | 0.002 | 0.000 | 0.951 | 0.015 |
| 0442765S/2018 | -0.157 | -0.101 | 0.000 | 0.000 | 0.191 | 0.080 |
| 0442774B/2018 | -0.706 | -0.180 | 0.003 | 0.001 | 0.934 | 0.061 |
| 0442777E/2018 | -0.061 | 1.434 | 0.000 | 0.040 | 0.002 | 0.992 |
| 0442837V/2018 | 3.939 | -1.456 | 0.095 | 0.041 | 0.631 | 0.086 |
| 0450040Z/2018 | -0.588 | -0.024 | 0.002 | 0.000 | 0.984 | 0.002 |
| 0450042B/2018 | -0.717 | -0.163 | 0.003 | 0.001 | 0.948 | 0.049 |
| 0450049J/2018 | -0.060 | 0.649 | 0.000 | 0.008 | 0.007 | 0.870 |
| 0450050K/2018 | -0.372 | -0.154 | 0.001 | 0.000 | 0.689 | 0.118 |
| 0450051L/2018 | -0.495 | 0.068 | 0.002 | 0.000 | 0.926 | 0.017 |
| 0450064A/2018 | -0.748 | -0.272 | 0.003 | 0.001 | 0.880 | 0.117 |
| 0450066C/2018 | -0.731 | -0.249 | 0.003 | 0.001 | 0.893 | 0.103 |
| 0450092F/2018 | 0.180 | 0.461 | 0.000 | 0.004 | 0.079 | 0.516 |
| 0450094H/2018 | -0.632 | -0.094 | 0.002 | 0.000 | 0.968 | 0.021 |
| 0450106W/2018 | -0.765 | -0.176 | 0.004 | 0.001 | 0.949 | 0.051 |
| 0450107X/2018 | -0.769 | -0.104 | 0.004 | 0.000 | 0.982 | 0.018 |
| 0450750W/2018 | -0.799 | -0.254 | 0.004 | 0.001 | 0.908 | 0.092 |
| 0450758E/2018 | -0.638 | -0.123 | 0.002 | 0.000 | 0.954 | 0.035 |
| 0450759F/2018 | -0.755 | -0.180 | 0.004 | 0.001 | 0.945 | 0.054 |
| 0450782F/2018 | -0.334 | -0.148 | 0.001 | 0.000 | 0.613 | 0.120 |
| 0450786K/2018 | -0.748 | -0.272 | 0.003 | 0.001 | 0.881 | 0.117 |
| 0450855K/2018 | 0.198 | 2.304 | 0.000 | 0.104 | 0.007 | 0.988 |
| 0450932U/2018 | -0.652 | -0.037 | 0.003 | 0.000 | 0.992 | 0.003 |
| 0451037H/2018 | -0.825 | -0.335 | 0.004 | 0.002 | 0.858 | 0.142 |
| 0451067R/2018 | -0.779 | -0.261 | 0.004 | 0.001 | 0.898 | 0.101 |
| 0451335G/2018 | -0.735 | -0.142 | 0.003 | 0.000 | 0.963 | 0.036 |
| 0451462V/2018 | -0.775 | -0.263 | 0.004 | 0.001 | 0.896 | 0.103 |
| 0451483T/2018 | -0.689 | -0.114 | 0.003 | 0.000 | 0.968 | 0.027 |
| 0451526P/2018 | -0.538 | -0.077 | 0.002 | 0.000 | 0.949 | 0.019 |
| 0451535Z/2018 | -0.477 | 0.044 | 0.001 | 0.000 | 0.926 | 0.008 |
| 0451565G/2018 | -0.623 | 0.221 | 0.002 | 0.001 | 0.886 | 0.112 |
| 0451638L/2018 | 12.753 | -2.654 | 0.999 | 0.137 | 0.728 | 0.032 |
| 0451662M/2018 | 0.141 | 0.038 | 0.000 | 0.000 | 0.085 | 0.006 |
| 045CPS01/2018 | -0.872 | -0.408 | 0.005 | 0.003 | 0.820 | 0.180 |
| 0460007H/2018 | -0.636 | -0.222 | 0.002 | 0.001 | 0.878 | 0.107 |
| 0460010L/2018 | -0.799 | -0.308 | 0.004 | 0.002 | 0.870 | 0.129 |
| 0460028F/2018 | -0.743 | -0.220 | 0.003 | 0.001 | 0.917 | 0.081 |
| 0460038S/2018 | -0.773 | -0.263 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0460490H/2018 | -0.643 | -0.076 | 0.003 | 0.000 | 0.978 | 0.014 |
| 0460493L/2018 | -0.738 | -0.306 | 0.003 | 0.002 | 0.850 | 0.146 |
| 0460529A/2018 | -0.726 | -0.226 | 0.003 | 0.001 | 0.909 | 0.088 |
| 0460697H/2018 | -0.213 | 0.237 | 0.000 | 0.001 | 0.300 | 0.371 |
| 0470001W/2018 | -0.288 | -0.077 | 0.001 | 0.000 | 0.572 | 0.041 |
| 0470003Y/2018 | -0.642 | -0.147 | 0.003 | 0.000 | 0.939 | 0.049 |
| 0470004Z/2018 | -0.607 | -0.269 | 0.002 | 0.001 | 0.815 | 0.160 |
| 0470019R/2018 | -0.734 | -0.223 | 0.003 | 0.001 | 0.914 | 0.085 |
| 0470020S/2018 | -0.717 | -0.118 | 0.003 | 0.000 | 0.971 | 0.027 |
| 0470038L/2018 | -0.691 | -0.113 | 0.003 | 0.000 | 0.970 | 0.026 |
| 0470060K/2018 | -0.760 | -0.214 | 0.004 | 0.001 | 0.926 | 0.073 |
| 0470662P/2018 | -0.729 | -0.117 | 0.003 | 0.000 | 0.974 | 0.025 |
| 0470823P/2018 | -0.718 | -0.014 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0470884F/2018 | -0.155 | 1.042 | 0.000 | 0.021 | 0.021 | 0.967 |
| 0470927C/2018 | 0.257 | 0.717 | 0.000 | 0.010 | 0.093 | 0.719 |
| 0470947Z/2018 | -0.031 | 1.038 | 0.000 | 0.021 | 0.001 | 0.969 |
| 0470974D/2018 | -0.656 | 0.143 | 0.003 | 0.000 | 0.953 | 0.046 |
| 0480007X/2018 | -0.530 | -0.045 | 0.002 | 0.000 | 0.949 | 0.007 |
| 0480009Z/2018 | -0.700 | -0.186 | 0.003 | 0.001 | 0.930 | 0.066 |
| 0480022N/2018 | -0.783 | -0.256 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0480025S/2018 | -0.642 | -0.041 | 0.003 | 0.000 | 0.990 | 0.004 |
| 0480514Y/2018 | -0.566 | -0.104 | 0.002 | 0.000 | 0.937 | 0.032 |
| 0480635E/2018 | -0.644 | 0.067 | 0.003 | 0.000 | 0.983 | 0.011 |
| 0480657D/2018 | -0.672 | -0.138 | 0.003 | 0.000 | 0.952 | 0.040 |
| 0480680D/2018 | -0.708 | 0.010 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0490002L/2018 | -0.075 | 0.206 | 0.000 | 0.001 | 0.040 | 0.302 |
| 0490003M/2018 | -0.489 | -0.021 | 0.001 | 0.000 | 0.931 | 0.002 |
| 0490018D/2018 | -0.559 | -0.148 | 0.002 | 0.000 | 0.901 | 0.063 |
| 0490040C/2018 | -0.440 | -0.220 | 0.001 | 0.001 | 0.707 | 0.177 |
| 0490054T/2018 | -0.603 | -0.159 | 0.002 | 0.000 | 0.919 | 0.064 |
| 0490055U/2018 | -0.644 | -0.085 | 0.003 | 0.000 | 0.974 | 0.017 |
| 0490068H/2018 | -0.584 | 0.029 | 0.002 | 0.000 | 0.987 | 0.002 |
| 0490073N/2018 | -0.678 | -0.208 | 0.003 | 0.001 | 0.907 | 0.085 |
| 0490075R/2018 | 2.290 | 0.099 | 0.032 | 0.000 | 0.683 | 0.001 |
| 0490082Y/2018 | -0.582 | 0.118 | 0.002 | 0.000 | 0.955 | 0.039 |
| 0490769V/2018 | 0.335 | -0.057 | 0.001 | 0.000 | 0.269 | 0.008 |
| 0490782J/2018 | -0.829 | -0.387 | 0.004 | 0.003 | 0.821 | 0.179 |
| 0490811R/2018 | -0.272 | 1.037 | 0.000 | 0.021 | 0.064 | 0.930 |
| 0490824E/2018 | -0.634 | -0.151 | 0.002 | 0.000 | 0.931 | 0.053 |
| 0490828J/2018 | -0.833 | -0.296 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0490838V/2018 | -0.789 | -0.204 | 0.004 | 0.001 | 0.937 | 0.062 |
| 0490840X/2018 | -0.719 | -0.076 | 0.003 | 0.000 | 0.988 | 0.011 |
| 0490886X/2018 | -0.768 | -0.211 | 0.004 | 0.001 | 0.929 | 0.070 |
| 0490904S/2018 | -0.626 | 0.044 | 0.002 | 0.000 | 0.992 | 0.005 |
| 0490946M/2018 | -0.469 | -0.114 | 0.001 | 0.000 | 0.861 | 0.051 |
| 0490970N/2018 | 0.618 | 2.148 | 0.002 | 0.090 | 0.075 | 0.907 |
| 0491027A/2018 | -0.617 | 0.102 | 0.002 | 0.000 | 0.966 | 0.027 |
| 0491966W/2018 | -0.264 | 0.119 | 0.000 | 0.000 | 0.515 | 0.104 |
| 0492015Z/2018 | -0.516 | -0.115 | 0.002 | 0.000 | 0.904 | 0.045 |
| 0492061Z/2018 | 0.225 | -0.259 | 0.000 | 0.001 | 0.132 | 0.175 |
| 0492089E/2018 | 0.168 | 0.317 | 0.000 | 0.002 | 0.094 | 0.334 |
| 0492123S/2018 | -0.552 | -0.181 | 0.002 | 0.001 | 0.866 | 0.093 |
| 0492137G/2018 | -0.342 | 0.593 | 0.001 | 0.007 | 0.245 | 0.736 |
| 0492180D/2018 | -0.742 | -0.167 | 0.003 | 0.001 | 0.951 | 0.048 |
| 0492189N/2018 | -0.531 | 0.225 | 0.002 | 0.001 | 0.839 | 0.151 |
| 0492224B/2018 | -0.616 | -0.158 | 0.002 | 0.000 | 0.917 | 0.060 |
| 0492226D/2018 | 12.364 | -4.148 | 0.939 | 0.336 | 0.681 | 0.077 |
| 0492246A/2018 | 2.029 | -0.731 | 0.025 | 0.010 | 0.586 | 0.076 |
| 0492259P/2018 | -0.780 | -0.171 | 0.004 | 0.001 | 0.954 | 0.046 |
| 0492298G/2018 | -0.505 | 0.269 | 0.002 | 0.001 | 0.766 | 0.218 |
| 0492342E/2018 | -0.746 | -0.094 | 0.003 | 0.000 | 0.984 | 0.016 |
| 0492360Z/2018 | -0.516 | 0.417 | 0.002 | 0.003 | 0.602 | 0.393 |
| 0492406Z/2018 | -0.625 | -0.018 | 0.002 | 0.000 | 0.990 | 0.001 |
| 0492407A/2018 | -0.541 | -0.023 | 0.002 | 0.000 | 0.963 | 0.002 |
| 0492420P/2018 | -0.754 | -0.190 | 0.003 | 0.001 | 0.939 | 0.060 |
| 0500002F/2018 | -0.538 | -0.212 | 0.002 | 0.001 | 0.827 | 0.129 |
| 0500016W/2018 | -0.681 | -0.421 | 0.003 | 0.003 | 0.714 | 0.274 |
| 0500017X/2018 | -0.722 | -0.263 | 0.003 | 0.001 | 0.880 | 0.117 |
| 0500026G/2018 | -0.529 | -0.081 | 0.002 | 0.000 | 0.938 | 0.022 |
| 0500036T/2018 | -0.786 | -0.313 | 0.004 | 0.002 | 0.863 | 0.136 |
| 0500049G/2018 | -0.602 | -0.162 | 0.002 | 0.001 | 0.916 | 0.067 |
| 0500060U/2018 | -0.700 | -0.175 | 0.003 | 0.001 | 0.938 | 0.059 |
| 0500087Y/2018 | -0.788 | -0.276 | 0.004 | 0.001 | 0.890 | 0.109 |
| 0500112A/2018 | -0.756 | -0.174 | 0.004 | 0.001 | 0.949 | 0.050 |
| 0500119H/2018 | -0.699 | -0.236 | 0.003 | 0.001 | 0.893 | 0.101 |
| 0500120J/2018 | -0.695 | -0.094 | 0.003 | 0.000 | 0.980 | 0.018 |
| 0500127S/2018 | -0.709 | -0.196 | 0.003 | 0.001 | 0.927 | 0.071 |
| 0501213X/2018 | -0.723 | -0.215 | 0.003 | 0.001 | 0.916 | 0.081 |
| 0501219D/2018 | -0.615 | -0.212 | 0.002 | 0.001 | 0.875 | 0.104 |
| 0501234V/2018 | -0.670 | -0.139 | 0.003 | 0.000 | 0.953 | 0.041 |
| 0501299R/2018 | -0.699 | -0.128 | 0.003 | 0.000 | 0.966 | 0.032 |
| 0501735P/2018 | -0.680 | -0.027 | 0.003 | 0.000 | 0.997 | 0.002 |
| 0501744Z/2018 | -0.823 | -0.299 | 0.004 | 0.002 | 0.883 | 0.117 |
| 0501828R/2018 | -0.394 | 0.193 | 0.001 | 0.001 | 0.717 | 0.173 |
| 0501839C/2018 | -0.597 | -0.020 | 0.002 | 0.000 | 0.989 | 0.001 |
| 0501850P/2018 | -0.561 | -0.258 | 0.002 | 0.001 | 0.796 | 0.167 |
| 0501893L/2018 | -0.098 | 0.711 | 0.000 | 0.010 | 0.017 | 0.903 |
| 0501928Z/2018 | -0.246 | 0.212 | 0.000 | 0.001 | 0.384 | 0.286 |
| 0510007F/2018 | -0.742 | -0.248 | 0.003 | 0.001 | 0.897 | 0.100 |
| 0510031G/2018 | -0.104 | 0.521 | 0.000 | 0.005 | 0.032 | 0.794 |
| 0510032H/2018 | -0.154 | 0.970 | 0.000 | 0.018 | 0.024 | 0.958 |
| 0510034K/2018 | -0.524 | 0.147 | 0.002 | 0.000 | 0.899 | 0.071 |
| 0510035L/2018 | -0.420 | -0.071 | 0.001 | 0.000 | 0.856 | 0.025 |
| 0510037N/2018 | -0.695 | -0.264 | 0.003 | 0.001 | 0.867 | 0.125 |
| 0510038P/2018 | -0.442 | -0.003 | 0.001 | 0.000 | 0.924 | 0.000 |
| 0510062R/2018 | -0.751 | -0.217 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0510065U/2018 | -0.184 | 0.515 | 0.000 | 0.005 | 0.103 | 0.808 |
| 0510068X/2018 | -0.558 | 0.028 | 0.002 | 0.000 | 0.977 | 0.003 |
| 0510075E/2018 | -0.844 | -0.421 | 0.004 | 0.003 | 0.801 | 0.199 |
| 0511026N/2018 | 0.199 | 0.767 | 0.000 | 0.011 | 0.052 | 0.772 |
| 0511145T/2018 | -0.630 | -0.066 | 0.002 | 0.000 | 0.981 | 0.011 |
| 0511146U/2018 | -0.674 | -0.317 | 0.003 | 0.002 | 0.810 | 0.179 |
| 0511147V/2018 | -0.698 | -0.092 | 0.003 | 0.000 | 0.981 | 0.017 |
| 0511196Y/2018 | -0.728 | -0.244 | 0.003 | 0.001 | 0.896 | 0.100 |
| 0511219Y/2018 | -0.598 | 0.123 | 0.002 | 0.000 | 0.949 | 0.040 |
| 0511296G/2018 | 0.352 | 1.927 | 0.001 | 0.072 | 0.032 | 0.954 |
| 0511430C/2018 | -0.389 | -0.041 | 0.001 | 0.000 | 0.814 | 0.009 |
| 0511565Z/2018 | -0.744 | -0.295 | 0.003 | 0.002 | 0.861 | 0.136 |
| 0511574J/2018 | -0.489 | -0.131 | 0.001 | 0.000 | 0.864 | 0.062 |
| 0511645L/2018 | -0.605 | 0.215 | 0.002 | 0.001 | 0.885 | 0.112 |
| 0511678X/2018 | -0.678 | 0.061 | 0.003 | 0.000 | 0.989 | 0.008 |
| 0511884W/2018 | -0.745 | -0.179 | 0.003 | 0.001 | 0.944 | 0.055 |
| 0511901P/2018 | -0.253 | 0.072 | 0.000 | 0.000 | 0.534 | 0.044 |
| 0511926S/2018 | -0.463 | -0.284 | 0.001 | 0.002 | 0.659 | 0.247 |
| 0511951U/2018 | -0.536 | 0.029 | 0.002 | 0.000 | 0.972 | 0.003 |
| 0512004B/2018 | -0.483 | 0.076 | 0.001 | 0.000 | 0.926 | 0.023 |
| 0512115X/2018 | 0.195 | 0.198 | 0.000 | 0.001 | 0.128 | 0.132 |
| 0520021R/2018 | -0.867 | -0.365 | 0.005 | 0.003 | 0.850 | 0.150 |
| 0520027X/2018 | -0.724 | -0.191 | 0.003 | 0.001 | 0.933 | 0.065 |
| 0520028Y/2018 | -0.791 | -0.257 | 0.004 | 0.001 | 0.904 | 0.095 |
| 0520679F/2018 | -0.800 | -0.218 | 0.004 | 0.001 | 0.931 | 0.069 |
| 0520685M/2018 | -0.761 | -0.107 | 0.004 | 0.000 | 0.981 | 0.019 |
| 0520727H/2018 | -0.613 | 0.021 | 0.002 | 0.000 | 0.990 | 0.001 |
| 0520844K/2018 | -0.623 | 0.042 | 0.002 | 0.000 | 0.990 | 0.005 |
| 0521032P/2018 | -0.694 | -0.223 | 0.003 | 0.001 | 0.902 | 0.093 |
| 0530010Y/2018 | -0.521 | -0.093 | 0.002 | 0.000 | 0.917 | 0.029 |
| 0530011Z/2018 | -0.560 | -0.178 | 0.002 | 0.001 | 0.867 | 0.088 |
| 0530012A/2018 | -0.612 | -0.197 | 0.002 | 0.001 | 0.888 | 0.093 |
| 0530013B/2018 | -0.818 | -0.247 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0530016E/2018 | -0.471 | -0.012 | 0.001 | 0.000 | 0.894 | 0.001 |
| 0530048P/2018 | -0.744 | -0.274 | 0.003 | 0.001 | 0.878 | 0.119 |
| 0530049R/2018 | -0.605 | -0.161 | 0.002 | 0.001 | 0.917 | 0.065 |
| 0530068L/2018 | -0.680 | -0.059 | 0.003 | 0.000 | 0.991 | 0.008 |
| 0530079Y/2018 | -0.710 | -0.124 | 0.003 | 0.000 | 0.969 | 0.030 |
| 0530081A/2018 | -0.607 | -0.113 | 0.002 | 0.000 | 0.950 | 0.033 |
| 0530816Z/2018 | -0.648 | 0.140 | 0.003 | 0.000 | 0.954 | 0.045 |
| 0530818B/2018 | -0.655 | 0.036 | 0.003 | 0.000 | 0.994 | 0.003 |
| 0530939H/2018 | 2.168 | -0.306 | 0.029 | 0.002 | 0.650 | 0.013 |
| 0530951W/2018 | 0.232 | 0.564 | 0.000 | 0.006 | 0.102 | 0.603 |
| 0530959E/2018 | -0.611 | 0.128 | 0.002 | 0.000 | 0.954 | 0.042 |
| 0530997W/2018 | 1.961 | -0.483 | 0.024 | 0.005 | 0.616 | 0.037 |
| 0540015Y/2018 | -0.805 | -0.252 | 0.004 | 0.001 | 0.910 | 0.089 |
| 0540030P/2018 | -0.763 | -0.213 | 0.004 | 0.001 | 0.927 | 0.072 |
| 0540034U/2018 | -0.405 | -0.035 | 0.001 | 0.000 | 0.843 | 0.006 |
| 0540038Y/2018 | 0.098 | 0.427 | 0.000 | 0.004 | 0.031 | 0.586 |
| 0540040A/2018 | -0.313 | -0.071 | 0.001 | 0.000 | 0.651 | 0.033 |
| 0540041B/2018 | -0.220 | -0.200 | 0.000 | 0.001 | 0.282 | 0.233 |
| 0540042C/2018 | -0.564 | -0.138 | 0.002 | 0.000 | 0.906 | 0.054 |
| 0540044E/2018 | -0.452 | -0.061 | 0.001 | 0.000 | 0.895 | 0.016 |
| 0540066D/2018 | -0.565 | 0.021 | 0.002 | 0.000 | 0.976 | 0.001 |
| 0540076P/2018 | -0.643 | -0.269 | 0.003 | 0.001 | 0.836 | 0.147 |
| 0540081V/2018 | -0.804 | -0.253 | 0.004 | 0.001 | 0.910 | 0.090 |
| 0540082W/2018 | -0.718 | -0.121 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0540085Z/2018 | -0.829 | -0.297 | 0.004 | 0.002 | 0.886 | 0.114 |
| 0540098N/2018 | -0.842 | -0.454 | 0.004 | 0.004 | 0.775 | 0.225 |
| 0540130Y/2018 | 12.686 | -2.990 | 0.989 | 0.174 | 0.718 | 0.040 |
| 0540135D/2018 | 0.575 | 1.322 | 0.002 | 0.034 | 0.146 | 0.774 |
| 0541205S/2018 | -0.077 | 0.504 | 0.000 | 0.005 | 0.018 | 0.772 |
| 0541207U/2018 | -0.626 | -0.118 | 0.002 | 0.000 | 0.954 | 0.034 |
| 0541270M/2018 | -0.780 | -0.261 | 0.004 | 0.001 | 0.899 | 0.100 |
| 0541286E/2018 | -0.575 | 0.025 | 0.002 | 0.000 | 0.982 | 0.002 |
| 0541318P/2018 | -0.495 | 0.123 | 0.002 | 0.000 | 0.916 | 0.056 |
| 0541324W/2018 | 0.401 | 0.742 | 0.001 | 0.011 | 0.176 | 0.601 |
| 0541783V/2018 | -0.234 | 0.084 | 0.000 | 0.000 | 0.495 | 0.064 |
| 0542161F/2018 | -0.739 | -0.114 | 0.003 | 0.000 | 0.975 | 0.023 |
| 0542208G/2018 | -0.613 | -0.111 | 0.002 | 0.000 | 0.953 | 0.031 |
| 0542259M/2018 | 12.376 | -4.134 | 0.941 | 0.333 | 0.683 | 0.076 |
| 0542262R/2018 | -0.587 | -0.061 | 0.002 | 0.000 | 0.963 | 0.010 |
| 0542288U/2018 | -0.483 | 0.296 | 0.001 | 0.002 | 0.703 | 0.265 |
| 0542293Z/2018 | -0.756 | -0.270 | 0.004 | 0.001 | 0.885 | 0.113 |
| 0542295B/2018 | -0.810 | -0.251 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0542307P/2018 | 12.274 | -4.420 | 0.926 | 0.381 | 0.672 | 0.087 |
| 0542390E/2018 | -0.708 | 0.018 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0542391F/2018 | 2.996 | -0.402 | 0.055 | 0.003 | 0.692 | 0.012 |
| 0542408Z/2018 | -0.676 | -0.111 | 0.003 | 0.000 | 0.969 | 0.026 |
| 0542448T/2018 | -0.756 | -0.287 | 0.004 | 0.002 | 0.872 | 0.126 |
| 0542493S/2018 | 0.342 | 2.045 | 0.001 | 0.082 | 0.027 | 0.963 |
| 0542519V/2018 | -0.807 | -0.198 | 0.004 | 0.001 | 0.943 | 0.057 |
| 0550002D/2018 | -0.629 | -0.016 | 0.002 | 0.000 | 0.990 | 0.001 |
| 0550004F/2018 | -0.807 | -0.234 | 0.004 | 0.001 | 0.922 | 0.077 |
| 0550025D/2018 | -0.685 | -0.111 | 0.003 | 0.000 | 0.972 | 0.025 |
| 0550049E/2018 | -0.698 | -0.086 | 0.003 | 0.000 | 0.984 | 0.015 |
| 0550072E/2018 | -0.727 | -0.118 | 0.003 | 0.000 | 0.974 | 0.026 |
| 0550752U/2018 | -0.704 | -0.126 | 0.003 | 0.000 | 0.966 | 0.031 |
| 0560008E/2018 | -0.801 | -0.307 | 0.004 | 0.002 | 0.871 | 0.128 |
| 0560013K/2018 | -0.687 | -0.132 | 0.003 | 0.000 | 0.960 | 0.036 |
| 0560016N/2018 | -0.551 | 0.017 | 0.002 | 0.000 | 0.971 | 0.001 |
| 0560025Y/2018 | -0.432 | 0.106 | 0.001 | 0.000 | 0.857 | 0.051 |
| 0560026Z/2018 | -0.647 | -0.039 | 0.003 | 0.000 | 0.987 | 0.004 |
| 0560027A/2018 | -0.555 | -0.179 | 0.002 | 0.001 | 0.877 | 0.091 |
| 0560038M/2018 | -0.410 | -0.034 | 0.001 | 0.000 | 0.843 | 0.006 |
| 0560039N/2018 | -0.775 | -0.263 | 0.004 | 0.001 | 0.896 | 0.103 |
| 0560051B/2018 | -0.407 | 0.033 | 0.001 | 0.000 | 0.848 | 0.006 |
| 0560070X/2018 | -0.817 | -0.248 | 0.004 | 0.001 | 0.915 | 0.085 |
| 0560096A/2018 | -0.615 | 0.129 | 0.002 | 0.000 | 0.952 | 0.042 |
| 0560105K/2018 | -0.554 | 0.018 | 0.002 | 0.000 | 0.974 | 0.001 |
| 0560114V/2018 | -0.446 | 0.159 | 0.001 | 0.000 | 0.836 | 0.106 |
| 0560117Y/2018 | -0.530 | 0.077 | 0.002 | 0.000 | 0.955 | 0.020 |
| 0560180S/2018 | -0.627 | -0.055 | 0.002 | 0.000 | 0.981 | 0.008 |
| 0560181T/2018 | -0.680 | -0.109 | 0.003 | 0.000 | 0.969 | 0.025 |
| 0560182U/2018 | -0.556 | 0.019 | 0.002 | 0.000 | 0.979 | 0.001 |
| 0560198L/2018 | -0.693 | -0.113 | 0.003 | 0.000 | 0.969 | 0.026 |
| 0560200N/2018 | -0.516 | 0.005 | 0.002 | 0.000 | 0.971 | 0.000 |
| 0560858D/2018 | -0.574 | 0.079 | 0.002 | 0.000 | 0.966 | 0.018 |
| 0560861G/2018 | 0.758 | 1.219 | 0.004 | 0.029 | 0.240 | 0.622 |
| 0561363C/2018 | -0.185 | 0.572 | 0.000 | 0.006 | 0.085 | 0.805 |
| 0561408B/2018 | -0.634 | -0.008 | 0.002 | 0.000 | 0.994 | 0.000 |
| 0561454B/2018 | -0.608 | -0.035 | 0.002 | 0.000 | 0.982 | 0.003 |
| 0561534N/2018 | -0.432 | -0.026 | 0.001 | 0.000 | 0.871 | 0.003 |
| 0561607T/2018 | -0.558 | 0.019 | 0.002 | 0.000 | 0.980 | 0.001 |
| 0561627P/2018 | -0.054 | -0.160 | 0.000 | 0.000 | 0.018 | 0.155 |
| 0561641E/2018 | -0.797 | -0.255 | 0.004 | 0.001 | 0.907 | 0.093 |
| 0561687E/2018 | -0.214 | 1.206 | 0.000 | 0.028 | 0.030 | 0.965 |
| 0561698S/2018 | -0.601 | -0.190 | 0.002 | 0.001 | 0.890 | 0.089 |
| 0561718N/2018 | -0.078 | 1.305 | 0.000 | 0.033 | 0.004 | 0.985 |
| 0561739L/2018 | 0.084 | 1.316 | 0.000 | 0.034 | 0.004 | 0.973 |
| 0561808L/2018 | -0.443 | 0.283 | 0.001 | 0.002 | 0.679 | 0.277 |
| 0561890A/2018 | 12.286 | -4.461 | 0.928 | 0.388 | 0.670 | 0.088 |
| 0570023R/2018 | -0.489 | 0.013 | 0.001 | 0.000 | 0.932 | 0.001 |
| 0570030Y/2018 | -0.568 | -0.102 | 0.002 | 0.000 | 0.946 | 0.031 |
| 0570054Z/2018 | 0.021 | 0.548 | 0.000 | 0.006 | 0.001 | 0.764 |
| 0570057C/2018 | -0.125 | 0.093 | 0.000 | 0.000 | 0.145 | 0.080 |
| 0570058D/2018 | -0.673 | -0.218 | 0.003 | 0.001 | 0.897 | 0.094 |
| 0570085H/2018 | -0.562 | 0.021 | 0.002 | 0.000 | 0.980 | 0.001 |
| 0570086J/2018 | -0.731 | -0.260 | 0.003 | 0.001 | 0.884 | 0.112 |
| 0570087K/2018 | -0.761 | -0.208 | 0.004 | 0.001 | 0.929 | 0.070 |
| 0570094T/2018 | -0.694 | -0.112 | 0.003 | 0.000 | 0.971 | 0.025 |
| 0570098X/2018 | -0.554 | 0.018 | 0.002 | 0.000 | 0.975 | 0.001 |
| 0570099Y/2018 | -0.701 | -0.182 | 0.003 | 0.001 | 0.932 | 0.063 |
| 0570108H/2018 | -0.726 | -0.200 | 0.003 | 0.001 | 0.926 | 0.070 |
| 0570112M/2018 | -0.639 | -0.006 | 0.003 | 0.000 | 0.993 | 0.000 |
| 0570140T/2018 | 12.704 | -3.104 | 0.992 | 0.188 | 0.715 | 0.043 |
| 0570146Z/2018 | -0.785 | -0.259 | 0.004 | 0.001 | 0.901 | 0.098 |
| 0570175F/2018 | 0.210 | 0.847 | 0.000 | 0.014 | 0.049 | 0.804 |
| 0570210U/2018 | -0.657 | -0.023 | 0.003 | 0.000 | 0.995 | 0.001 |
| 0570279U/2018 | -0.705 | -0.126 | 0.003 | 0.000 | 0.967 | 0.031 |
| 0570311D/2018 | -0.600 | 0.038 | 0.002 | 0.000 | 0.986 | 0.004 |
| 0570313F/2018 | -0.606 | 0.036 | 0.002 | 0.000 | 0.988 | 0.004 |
| 0572022N/2018 | -0.672 | -0.102 | 0.003 | 0.000 | 0.974 | 0.022 |
| 0572027U/2018 | -0.580 | -0.039 | 0.002 | 0.000 | 0.978 | 0.004 |
| 0572028V/2018 | -0.804 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0572341K/2018 | -0.803 | -0.277 | 0.004 | 0.001 | 0.894 | 0.106 |
| 0572590F/2018 | -0.689 | -0.141 | 0.003 | 0.000 | 0.954 | 0.040 |
| 0572757M/2018 | -0.276 | 0.246 | 0.000 | 0.001 | 0.452 | 0.358 |
| 0573227Y/2018 | -0.542 | -0.023 | 0.002 | 0.000 | 0.956 | 0.002 |
| 0573231C/2018 | -0.768 | -0.265 | 0.004 | 0.001 | 0.892 | 0.106 |
| 0573281G/2018 | -0.561 | -0.415 | 0.002 | 0.003 | 0.616 | 0.338 |
| 0573320Z/2018 | -0.577 | 0.152 | 0.002 | 0.000 | 0.929 | 0.064 |
| 0573366Z/2018 | -0.585 | -0.204 | 0.002 | 0.001 | 0.869 | 0.106 |
| 0573430U/2018 | -0.090 | 1.019 | 0.000 | 0.020 | 0.008 | 0.971 |
| 0573433X/2018 | -0.414 | 0.201 | 0.001 | 0.001 | 0.747 | 0.176 |
| 0573435Z/2018 | -0.375 | 0.304 | 0.001 | 0.002 | 0.558 | 0.366 |
| 0573519R/2018 | -0.463 | 0.218 | 0.001 | 0.001 | 0.787 | 0.175 |
| 0573683U/2018 | -0.650 | -0.083 | 0.003 | 0.000 | 0.979 | 0.016 |
| 0580031U/2018 | -0.716 | -0.127 | 0.003 | 0.000 | 0.967 | 0.030 |
| 0580032V/2018 | -0.665 | -0.140 | 0.003 | 0.000 | 0.950 | 0.042 |
| 0580055V/2018 | -0.756 | -0.234 | 0.004 | 0.001 | 0.911 | 0.087 |
| 0580071M/2018 | -0.747 | -0.195 | 0.003 | 0.001 | 0.935 | 0.064 |
| 0580552K/2018 | -0.618 | -0.157 | 0.002 | 0.000 | 0.924 | 0.059 |
| 0580582T/2018 | -0.722 | -0.264 | 0.003 | 0.001 | 0.878 | 0.117 |
| 0580661D/2018 | -0.796 | -0.237 | 0.004 | 0.001 | 0.918 | 0.081 |
| 0580753D/2018 | -0.699 | -0.289 | 0.003 | 0.002 | 0.848 | 0.146 |
| 0580758J/2018 | -0.197 | 0.744 | 0.000 | 0.011 | 0.064 | 0.909 |
| 0580761M/2018 | -0.739 | -0.221 | 0.003 | 0.001 | 0.916 | 0.082 |
| 0580766T/2018 | 12.551 | -3.660 | 0.968 | 0.261 | 0.698 | 0.059 |
| 0590010R/2018 | -0.593 | -0.034 | 0.002 | 0.000 | 0.982 | 0.003 |
| 0590011S/2018 | -0.704 | -0.165 | 0.003 | 0.001 | 0.944 | 0.052 |
| 0590015W/2018 | -0.831 | -0.261 | 0.004 | 0.001 | 0.910 | 0.090 |
| 0590018Z/2018 | -0.647 | 0.068 | 0.003 | 0.000 | 0.986 | 0.011 |
| 0590034S/2018 | -0.442 | -0.219 | 0.001 | 0.001 | 0.712 | 0.175 |
| 0590035T/2018 | -0.587 | -0.102 | 0.002 | 0.000 | 0.952 | 0.029 |
| 0590042A/2018 | -0.649 | 0.052 | 0.003 | 0.000 | 0.991 | 0.006 |
| 0590044C/2018 | -0.822 | -0.300 | 0.004 | 0.002 | 0.882 | 0.118 |
| 0590060V/2018 | -0.708 | -0.152 | 0.003 | 0.000 | 0.952 | 0.044 |
| 0590063Y/2018 | -0.242 | 0.140 | 0.000 | 0.000 | 0.458 | 0.153 |
| 0590064Z/2018 | -0.525 | -0.064 | 0.002 | 0.000 | 0.943 | 0.014 |
| 0590065A/2018 | -0.725 | -0.200 | 0.003 | 0.001 | 0.926 | 0.071 |
| 0590071G/2018 | -0.446 | 0.212 | 0.001 | 0.001 | 0.768 | 0.173 |
| 0590072H/2018 | -0.681 | -0.081 | 0.003 | 0.000 | 0.980 | 0.014 |
| 0590073J/2018 | -0.526 | 0.008 | 0.002 | 0.000 | 0.964 | 0.000 |
| 0590083V/2018 | -0.734 | -0.196 | 0.003 | 0.001 | 0.931 | 0.067 |
| 0590093F/2018 | -0.778 | -0.235 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0590098L/2018 | -0.495 | -0.003 | 0.002 | 0.000 | 0.956 | 0.000 |
| 0590101P/2018 | -0.661 | -0.141 | 0.003 | 0.000 | 0.950 | 0.043 |
| 0590102Q/2018 | -0.180 | 0.404 | 0.000 | 0.003 | 0.129 | 0.651 |
| 0590110Z/2018 | -0.480 | -0.107 | 0.001 | 0.000 | 0.875 | 0.044 |
| 0590111A/2018 | -0.798 | -0.201 | 0.004 | 0.001 | 0.940 | 0.060 |
| 0590112B/2018 | -0.650 | 0.052 | 0.003 | 0.000 | 0.992 | 0.006 |
| 0590117G/2018 | -0.111 | -0.140 | 0.000 | 0.000 | 0.085 | 0.134 |
| 0590119J/2018 | 0.346 | 0.617 | 0.001 | 0.007 | 0.173 | 0.552 |
| 0590121L/2018 | -0.595 | -0.069 | 0.002 | 0.000 | 0.964 | 0.013 |
| 0590122M/2018 | -0.219 | -0.123 | 0.000 | 0.000 | 0.350 | 0.110 |
| 0590125R/2018 | -0.423 | 0.204 | 0.001 | 0.001 | 0.759 | 0.177 |
| 0590149S/2018 | -0.734 | -0.107 | 0.003 | 0.000 | 0.978 | 0.021 |
| 0590184E/2018 | -0.437 | -0.358 | 0.001 | 0.003 | 0.525 | 0.353 |
| 0590185F/2018 | -0.423 | -0.029 | 0.001 | 0.000 | 0.876 | 0.004 |
| 0590192N/2018 | -0.584 | 0.028 | 0.002 | 0.000 | 0.984 | 0.002 |
| 0590207E/2018 | -0.619 | 0.041 | 0.002 | 0.000 | 0.989 | 0.004 |
| 0590214M/2018 | -0.652 | -0.083 | 0.003 | 0.000 | 0.974 | 0.016 |
| 0590215N/2018 | -0.510 | -0.132 | 0.002 | 0.000 | 0.888 | 0.060 |
| 0590221V/2018 | -0.369 | 0.236 | 0.001 | 0.001 | 0.637 | 0.261 |
| 0590222W/2018 | -0.457 | 0.100 | 0.001 | 0.000 | 0.893 | 0.043 |
| 0590223X/2018 | -0.683 | -0.122 | 0.003 | 0.000 | 0.962 | 0.031 |
| 0590233H/2018 | -0.564 | 0.138 | 0.002 | 0.000 | 0.933 | 0.056 |
| 0590249A/2018 | -0.736 | -0.276 | 0.003 | 0.001 | 0.874 | 0.123 |
| 0590255G/2018 | -0.573 | -0.011 | 0.002 | 0.000 | 0.979 | 0.000 |
| 0590258K/2018 | -0.088 | 0.010 | 0.000 | 0.000 | 0.069 | 0.001 |
| 0590282L/2018 | -0.330 | -0.061 | 0.001 | 0.000 | 0.724 | 0.025 |
| 0590302H/2018 | -0.800 | -0.443 | 0.004 | 0.004 | 0.764 | 0.235 |
| 0590314W/2018 | 1.671 | 4.062 | 0.017 | 0.322 | 0.142 | 0.841 |
| 0590337W/2018 | -0.127 | 0.405 | 0.000 | 0.003 | 0.070 | 0.708 |
| 0590347G/2018 | 1.334 | -0.625 | 0.011 | 0.008 | 0.502 | 0.110 |
| 0592602H/2018 | 0.158 | 0.438 | 0.000 | 0.004 | 0.067 | 0.516 |
| 0592611T/2018 | -0.752 | -0.253 | 0.003 | 0.001 | 0.896 | 0.102 |
| 0592806E/2018 | -0.302 | 0.514 | 0.001 | 0.005 | 0.244 | 0.705 |
| 0592808G/2018 | 0.592 | 3.494 | 0.002 | 0.238 | 0.028 | 0.969 |
| 0592916Z/2018 | -0.716 | -0.015 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0592921E/2018 | -0.644 | -0.026 | 0.003 | 0.000 | 0.991 | 0.002 |
| 0592926K/2018 | -0.686 | -0.106 | 0.003 | 0.000 | 0.973 | 0.023 |
| 0592928M/2018 | -0.670 | 0.036 | 0.003 | 0.000 | 0.995 | 0.003 |
| 0592932S/2018 | -0.589 | 0.119 | 0.002 | 0.000 | 0.948 | 0.039 |
| 0592963A/2018 | -0.773 | -0.174 | 0.004 | 0.001 | 0.952 | 0.048 |
| 0592965C/2018 | -0.639 | -0.002 | 0.003 | 0.000 | 0.993 | 0.000 |
| 0592967E/2018 | -0.719 | -0.121 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0592969G/2018 | -0.661 | 0.025 | 0.003 | 0.000 | 0.994 | 0.001 |
| 0593006X/2018 | -0.676 | -0.029 | 0.003 | 0.000 | 0.995 | 0.002 |
| 0593007Y/2018 | -0.712 | -0.110 | 0.003 | 0.000 | 0.974 | 0.023 |
| 0593030Y/2018 | -0.623 | 0.043 | 0.002 | 0.000 | 0.992 | 0.005 |
| 0593034C/2018 | -0.722 | -0.013 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0593040J/2018 | -0.745 | -0.094 | 0.003 | 0.000 | 0.984 | 0.016 |
| 0593052X/2018 | 0.100 | 0.981 | 0.000 | 0.019 | 0.009 | 0.914 |
| 0593058D/2018 | -0.616 | 0.094 | 0.002 | 0.000 | 0.972 | 0.022 |
| 0593060F/2018 | -0.821 | -0.247 | 0.004 | 0.001 | 0.917 | 0.083 |
| 0593061G/2018 | -0.658 | -0.005 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0593071T/2018 | -0.671 | 0.041 | 0.003 | 0.000 | 0.995 | 0.004 |
| 0593104D/2018 | -0.679 | 0.009 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0593109J/2018 | -0.446 | 0.213 | 0.001 | 0.001 | 0.779 | 0.177 |
| 0593114P/2018 | -0.357 | 0.181 | 0.001 | 0.001 | 0.696 | 0.179 |
| 0593117T/2018 | -0.566 | 0.192 | 0.002 | 0.001 | 0.886 | 0.102 |
| 0593136N/2018 | -0.756 | -0.108 | 0.004 | 0.000 | 0.980 | 0.020 |
| 0593255T/2018 | -0.683 | -0.134 | 0.003 | 0.000 | 0.958 | 0.037 |
| 0593256U/2018 | -0.718 | -0.014 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0593257V/2018 | -0.504 | 0.233 | 0.002 | 0.001 | 0.805 | 0.172 |
| 0593279U/2018 | 0.259 | 1.694 | 0.000 | 0.056 | 0.022 | 0.958 |
| 0593395V/2018 | -0.734 | -0.188 | 0.003 | 0.001 | 0.937 | 0.061 |
| 0593495D/2018 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0593500E/2018 | 2.805 | -0.730 | 0.048 | 0.010 | 0.646 | 0.044 |
| 0594278E/2018 | -0.754 | -0.136 | 0.003 | 0.000 | 0.968 | 0.031 |
| 0594365Z/2018 | -0.285 | 0.406 | 0.001 | 0.003 | 0.295 | 0.598 |
| 0594366A/2018 | -0.236 | 0.143 | 0.000 | 0.000 | 0.457 | 0.167 |
| 0594391C/2018 | -0.265 | -0.067 | 0.000 | 0.000 | 0.541 | 0.034 |
| 0594424N/2018 | -0.327 | -0.063 | 0.001 | 0.000 | 0.685 | 0.025 |
| 0594581J/2018 | 0.906 | 1.694 | 0.005 | 0.056 | 0.206 | 0.721 |
| 0595124Z/2018 | -0.640 | -0.006 | 0.003 | 0.000 | 0.993 | 0.000 |
| 0595338G/2018 | 11.034 | -2.941 | 0.748 | 0.169 | 0.704 | 0.050 |
| 0595616J/2018 | -0.640 | 0.019 | 0.003 | 0.000 | 0.996 | 0.001 |
| 0595657D/2018 | -0.655 | -0.047 | 0.003 | 0.000 | 0.991 | 0.005 |
| 0595760R/2018 | -0.056 | 1.366 | 0.000 | 0.036 | 0.002 | 0.990 |
| 0595770B/2018 | -0.785 | -0.241 | 0.004 | 0.001 | 0.913 | 0.086 |
| 0595786U/2018 | -0.702 | -0.199 | 0.003 | 0.001 | 0.921 | 0.074 |
| 0595809U/2018 | -0.576 | -0.177 | 0.002 | 0.001 | 0.885 | 0.083 |
| 0595867G/2018 | -0.075 | -0.153 | 0.000 | 0.000 | 0.036 | 0.152 |
| 0595872M/2018 | -0.158 | 0.684 | 0.000 | 0.009 | 0.047 | 0.887 |
| 0595874P/2018 | -0.452 | 0.250 | 0.001 | 0.001 | 0.733 | 0.225 |
| 0595884A/2018 | -0.598 | 0.069 | 0.002 | 0.000 | 0.977 | 0.013 |
| 0595885B/2018 | -0.624 | 0.043 | 0.002 | 0.000 | 0.992 | 0.005 |
| 0595964M/2018 | -0.178 | 0.727 | 0.000 | 0.010 | 0.054 | 0.901 |
| 0595992T/2018 | 0.623 | 1.709 | 0.002 | 0.057 | 0.112 | 0.846 |
| 0595996X/2018 | -0.341 | 0.748 | 0.001 | 0.011 | 0.169 | 0.812 |
| 0596039U/2018 | 2.598 | 6.705 | 0.041 | 0.877 | 0.130 | 0.865 |
| 0596162C/2018 | 0.429 | 2.091 | 0.001 | 0.085 | 0.040 | 0.949 |
| 0596183A/2018 | -0.307 | 0.297 | 0.001 | 0.002 | 0.430 | 0.401 |
| 0596244S/2018 | 0.011 | 1.055 | 0.000 | 0.022 | 0.000 | 0.960 |
| 0596610P/2018 | 12.337 | -3.896 | 0.935 | 0.296 | 0.690 | 0.069 |
| 0596696H/2018 | -0.662 | -0.392 | 0.003 | 0.003 | 0.728 | 0.256 |
| 0596854E/2018 | -0.581 | 0.028 | 0.002 | 0.000 | 0.987 | 0.002 |
| 0596950J/2018 | -0.738 | -0.114 | 0.003 | 0.000 | 0.976 | 0.023 |
| 0596951K/2018 | -0.534 | 0.280 | 0.002 | 0.002 | 0.778 | 0.213 |
| 0596953M/2018 | 0.885 | 2.198 | 0.005 | 0.094 | 0.135 | 0.830 |
| 0597020K/2018 | -0.668 | 0.076 | 0.003 | 0.000 | 0.984 | 0.013 |
| 0600001A/2018 | -0.570 | -0.042 | 0.002 | 0.000 | 0.973 | 0.005 |
| 0600002B/2018 | -0.771 | -0.264 | 0.004 | 0.001 | 0.893 | 0.105 |
| 0600009J/2018 | -0.639 | -0.078 | 0.003 | 0.000 | 0.975 | 0.014 |
| 0600013N/2018 | -0.632 | -0.062 | 0.002 | 0.000 | 0.979 | 0.010 |
| 0600014P/2018 | -0.416 | 0.202 | 0.001 | 0.001 | 0.748 | 0.176 |
| 0600015R/2018 | -0.722 | -0.196 | 0.003 | 0.001 | 0.929 | 0.069 |
| 0600020W/2018 | -0.676 | -0.175 | 0.003 | 0.001 | 0.930 | 0.062 |
| 0600021X/2018 | -0.567 | -0.103 | 0.002 | 0.000 | 0.941 | 0.031 |
| 0600040T/2018 | -0.714 | -0.201 | 0.003 | 0.001 | 0.924 | 0.073 |
| 0600071B/2018 | -0.581 | -0.058 | 0.002 | 0.000 | 0.965 | 0.010 |
| 0600075R/2018 | 2.172 | -0.368 | 0.029 | 0.003 | 0.656 | 0.019 |
| 0601149Y/2018 | -0.695 | -0.023 | 0.003 | 0.000 | 0.996 | 0.001 |
| 0601164P/2018 | -0.754 | -0.091 | 0.003 | 0.000 | 0.986 | 0.014 |
| 0601194X/2018 | -0.693 | -0.113 | 0.003 | 0.000 | 0.969 | 0.026 |
| 0601223D/2018 | 5.857 | 3.389 | 0.211 | 0.224 | 0.639 | 0.214 |
| 0601223H/2018 | 1.793 | -1.203 | 0.020 | 0.028 | 0.470 | 0.211 |
| 0601700X/2018 | -0.786 | -0.205 | 0.004 | 0.001 | 0.936 | 0.064 |
| 0601701Y/2018 | -0.653 | 0.008 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0601782L/2018 | -0.734 | -0.259 | 0.003 | 0.001 | 0.886 | 0.111 |
| 0601823F/2018 | -0.595 | -0.272 | 0.002 | 0.001 | 0.807 | 0.169 |
| 0601824G/2018 | -0.349 | -0.055 | 0.001 | 0.000 | 0.749 | 0.019 |
| 0601826J/2018 | -0.463 | -0.015 | 0.001 | 0.000 | 0.921 | 0.001 |
| 0601845E/2018 | -0.795 | -0.255 | 0.004 | 0.001 | 0.906 | 0.093 |
| 0601863Z/2018 | -0.387 | -0.042 | 0.001 | 0.000 | 0.821 | 0.009 |
| 0601864A/2018 | -0.588 | 0.030 | 0.002 | 0.000 | 0.984 | 0.003 |
| 0601865B/2018 | -0.722 | -0.227 | 0.003 | 0.001 | 0.906 | 0.090 |
| 0601895J/2018 | -0.183 | 0.753 | 0.000 | 0.011 | 0.053 | 0.900 |
| 0601910A/2018 | -0.322 | 0.779 | 0.001 | 0.012 | 0.145 | 0.847 |
| 0601983E/2018 | 0.179 | 0.869 | 0.000 | 0.015 | 0.036 | 0.845 |
| 0610001V/2018 | -0.825 | -0.389 | 0.004 | 0.003 | 0.818 | 0.182 |
| 0610002W/2018 | -0.690 | -0.167 | 0.003 | 0.001 | 0.941 | 0.055 |
| 0610006A/2018 | -0.718 | -0.202 | 0.003 | 0.001 | 0.924 | 0.073 |
| 0610014J/2018 | -0.661 | -0.141 | 0.003 | 0.000 | 0.951 | 0.043 |
| 0610018N/2018 | -0.745 | -0.318 | 0.003 | 0.002 | 0.843 | 0.154 |
| 0610021S/2018 | -0.754 | -0.333 | 0.003 | 0.002 | 0.835 | 0.163 |
| 0610692W/2018 | -0.771 | -0.139 | 0.004 | 0.000 | 0.968 | 0.031 |
| 0610694Y/2018 | -0.763 | -0.231 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0610698C/2018 | -0.720 | -0.121 | 0.003 | 0.000 | 0.972 | 0.027 |
| 0610724F/2018 | -0.769 | -0.282 | 0.004 | 0.002 | 0.880 | 0.119 |
| 0610790C/2018 | -0.594 | -0.022 | 0.002 | 0.000 | 0.985 | 0.001 |
| 0611148S/2018 | -0.701 | -0.145 | 0.003 | 0.000 | 0.957 | 0.041 |
| 0611149T/2018 | -0.487 | 0.236 | 0.001 | 0.001 | 0.785 | 0.184 |
| 0611175W/2018 | -0.638 | 0.137 | 0.003 | 0.000 | 0.954 | 0.044 |
| 0611182D/2018 | -0.770 | -0.282 | 0.004 | 0.002 | 0.880 | 0.118 |
| 0611205D/2018 | 0.742 | 3.339 | 0.003 | 0.218 | 0.047 | 0.946 |
| 0620006V/2018 | -0.334 | 0.172 | 0.001 | 0.001 | 0.646 | 0.173 |
| 0620011A/2018 | -0.679 | -0.118 | 0.003 | 0.000 | 0.964 | 0.029 |
| 0620040G/2018 | -0.496 | -0.003 | 0.002 | 0.000 | 0.945 | 0.000 |
| 0620042J/2018 | -0.472 | -0.003 | 0.001 | 0.000 | 0.923 | 0.000 |
| 0620052V/2018 | -0.692 | -0.158 | 0.003 | 0.000 | 0.944 | 0.049 |
| 0620056Z/2018 | -0.684 | -0.116 | 0.003 | 0.000 | 0.967 | 0.028 |
| 0620062F/2018 | -0.506 | 0.001 | 0.002 | 0.000 | 0.952 | 0.000 |
| 0620063G/2018 | -0.535 | 0.011 | 0.002 | 0.000 | 0.973 | 0.000 |
| 0620070P/2018 | -0.622 | 0.042 | 0.002 | 0.000 | 0.990 | 0.005 |
| 0620093P/2018 | -0.496 | -0.003 | 0.002 | 0.000 | 0.947 | 0.000 |
| 0620095S/2018 | -0.636 | 0.010 | 0.002 | 0.000 | 0.990 | 0.000 |
| 0620108F/2018 | -0.531 | 0.010 | 0.002 | 0.000 | 0.970 | 0.000 |
| 0620109G/2018 | -0.545 | -0.076 | 0.002 | 0.000 | 0.941 | 0.018 |
| 0620113L/2018 | -0.592 | -0.029 | 0.002 | 0.000 | 0.977 | 0.002 |
| 0620120U/2018 | -0.645 | 0.050 | 0.003 | 0.000 | 0.991 | 0.006 |
| 0620140R/2018 | -0.609 | 0.037 | 0.002 | 0.000 | 0.988 | 0.004 |
| 0620161N/2018 | -0.604 | 0.036 | 0.002 | 0.000 | 0.989 | 0.003 |
| 0620166U/2018 | -0.642 | 0.049 | 0.003 | 0.000 | 0.991 | 0.006 |
| 0620215X/2018 | -0.433 | 0.384 | 0.001 | 0.003 | 0.543 | 0.427 |
| 0620229M/2018 | -0.843 | -0.292 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0620256S/2018 | -0.345 | 0.186 | 0.001 | 0.001 | 0.659 | 0.191 |
| 0620257T/2018 | -0.512 | -0.087 | 0.002 | 0.000 | 0.926 | 0.026 |
| 0622110G/2018 | -0.734 | -0.008 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0622114L/2018 | -0.718 | -0.062 | 0.003 | 0.000 | 0.992 | 0.007 |
| 0622196A/2018 | -0.690 | 0.008 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0622198C/2018 | -0.652 | 0.029 | 0.003 | 0.000 | 0.995 | 0.002 |
| 0622199D/2018 | -0.647 | 0.006 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0622238W/2018 | -0.379 | 0.400 | 0.001 | 0.003 | 0.447 | 0.497 |
| 0622257S/2018 | -0.510 | -0.052 | 0.002 | 0.000 | 0.935 | 0.010 |
| 0622276M/2018 | -0.508 | -0.223 | 0.002 | 0.001 | 0.786 | 0.151 |
| 0622384E/2018 | 0.135 | 0.005 | 0.000 | 0.000 | 0.078 | 0.000 |
| 0622384L/2018 | -0.114 | -0.050 | 0.000 | 0.000 | 0.098 | 0.019 |
| 0622803K/2018 | -0.731 | -0.189 | 0.003 | 0.001 | 0.935 | 0.063 |
| 0622807P/2018 | -0.596 | 0.170 | 0.002 | 0.001 | 0.920 | 0.075 |
| 0622949U/2018 | -0.504 | 0.117 | 0.002 | 0.000 | 0.914 | 0.049 |
| 0623218L/2018 | -0.274 | 0.330 | 0.000 | 0.002 | 0.340 | 0.494 |
| 0623276Z/2018 | -0.710 | -0.017 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0623277A/2018 | -0.620 | 0.049 | 0.002 | 0.000 | 0.983 | 0.006 |
| 0623786D/2018 | -0.655 | 0.143 | 0.003 | 0.000 | 0.952 | 0.045 |
| 0623864N/2018 | -0.817 | -0.248 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0623902E/2018 | -0.412 | -0.068 | 0.001 | 0.000 | 0.842 | 0.023 |
| 0623911P/2018 | 0.320 | 1.830 | 0.001 | 0.065 | 0.029 | 0.955 |
| 0623915U/2018 | -0.492 | -0.004 | 0.001 | 0.000 | 0.952 | 0.000 |
| 0623920Z/2018 | -0.137 | 1.000 | 0.000 | 0.020 | 0.018 | 0.964 |
| 0623957P/2018 | -0.107 | 1.104 | 0.000 | 0.024 | 0.009 | 0.976 |
| 0623981R/2018 | -0.674 | -0.119 | 0.003 | 0.000 | 0.964 | 0.030 |
| 0623985V/2018 | 0.299 | 0.925 | 0.001 | 0.017 | 0.082 | 0.783 |
| 0624055W/2018 | -0.505 | 0.233 | 0.002 | 0.001 | 0.799 | 0.169 |
| 0624062D/2018 | -0.493 | 0.122 | 0.001 | 0.000 | 0.903 | 0.055 |
| 0624109E/2018 | -0.567 | 0.041 | 0.002 | 0.000 | 0.980 | 0.005 |
| 0624139M/2018 | -0.043 | 0.912 | 0.000 | 0.016 | 0.002 | 0.942 |
| 0624140N/2018 | -0.559 | -0.034 | 0.002 | 0.000 | 0.970 | 0.004 |
| 0624141P/2018 | -0.652 | -0.038 | 0.003 | 0.000 | 0.989 | 0.003 |
| 0624429C/2018 | -0.544 | 0.247 | 0.002 | 0.001 | 0.816 | 0.167 |
| 0624430D/2018 | -0.500 | 0.046 | 0.002 | 0.000 | 0.942 | 0.008 |
| 0630018C/2018 | 0.351 | 0.789 | 0.001 | 0.012 | 0.130 | 0.659 |
| 0630020E/2018 | -0.297 | -0.041 | 0.001 | 0.000 | 0.638 | 0.012 |
| 0630021F/2018 | -0.623 | -0.227 | 0.002 | 0.001 | 0.865 | 0.115 |
| 0630022G/2018 | -0.653 | -0.288 | 0.003 | 0.002 | 0.822 | 0.161 |
| 0630023H/2018 | -0.495 | -0.092 | 0.002 | 0.000 | 0.916 | 0.032 |
| 0630034V/2018 | -0.495 | -0.003 | 0.002 | 0.000 | 0.942 | 0.000 |
| 0630041C/2018 | -0.795 | -0.256 | 0.004 | 0.001 | 0.906 | 0.094 |
| 0630052P/2018 | -0.574 | -0.172 | 0.002 | 0.001 | 0.893 | 0.080 |
| 0630054S/2018 | -0.712 | -0.285 | 0.003 | 0.002 | 0.859 | 0.137 |
| 0630061Z/2018 | -0.736 | -0.240 | 0.003 | 0.001 | 0.902 | 0.096 |
| 0630068G/2018 | -0.624 | -0.155 | 0.002 | 0.000 | 0.925 | 0.057 |
| 0630069H/2018 | -0.787 | -0.277 | 0.004 | 0.001 | 0.889 | 0.110 |
| 0630077S/2018 | -0.262 | 0.036 | 0.000 | 0.000 | 0.556 | 0.010 |
| 0630111D/2018 | -0.713 | -0.123 | 0.003 | 0.000 | 0.969 | 0.029 |
| 0630984C/2018 | -0.609 | -0.165 | 0.002 | 0.001 | 0.913 | 0.067 |
| 0631021T/2018 | -0.004 | 0.045 | 0.000 | 0.000 | 0.000 | 0.015 |
| 0631033F/2018 | -0.703 | -0.073 | 0.003 | 0.000 | 0.987 | 0.011 |
| 0631068U/2018 | -0.669 | -0.039 | 0.003 | 0.000 | 0.992 | 0.003 |
| 0631074A/2018 | -0.343 | 0.437 | 0.001 | 0.004 | 0.367 | 0.595 |
| 0631075B/2018 | -0.655 | -0.066 | 0.003 | 0.000 | 0.985 | 0.010 |
| 0631225P/2018 | -0.465 | -0.301 | 0.001 | 0.002 | 0.633 | 0.266 |
| 0631287G/2018 | 0.478 | 0.907 | 0.001 | 0.016 | 0.182 | 0.657 |
| 0631383L/2018 | 12.356 | -4.011 | 0.938 | 0.314 | 0.686 | 0.072 |
| 0631457S/2018 | -0.717 | -0.193 | 0.003 | 0.001 | 0.930 | 0.067 |
| 0631480S/2018 | -0.604 | -0.091 | 0.002 | 0.000 | 0.958 | 0.022 |
| 0631540G/2018 | -0.419 | -0.138 | 0.001 | 0.000 | 0.787 | 0.085 |
| 0631669X/2018 | -0.391 | 0.480 | 0.001 | 0.004 | 0.389 | 0.587 |
| 0631861F/2018 | -0.514 | -0.193 | 0.002 | 0.001 | 0.829 | 0.117 |
| 0631985R/2018 | -0.719 | -0.283 | 0.003 | 0.002 | 0.862 | 0.133 |
| 0632035V/2018 | 0.432 | 1.976 | 0.001 | 0.076 | 0.045 | 0.937 |
| 0640001D/2018 | -0.612 | -0.052 | 0.002 | 0.000 | 0.976 | 0.007 |
| 0640010N/2018 | -0.411 | -0.074 | 0.001 | 0.000 | 0.822 | 0.026 |
| 0640011P/2018 | -0.514 | -0.007 | 0.002 | 0.000 | 0.954 | 0.000 |
| 0640017W/2018 | -0.678 | -0.351 | 0.003 | 0.002 | 0.780 | 0.209 |
| 0640052J/2018 | -0.531 | -0.044 | 0.002 | 0.000 | 0.957 | 0.007 |
| 0640055M/2018 | -0.177 | 0.289 | 0.000 | 0.002 | 0.181 | 0.480 |
| 0640057P/2018 | -0.667 | -0.178 | 0.003 | 0.001 | 0.924 | 0.066 |
| 0640080P/2018 | -0.833 | -0.296 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0640096G/2018 | -0.388 | 0.765 | 0.001 | 0.011 | 0.203 | 0.790 |
| 0640111Y/2018 | -0.645 | 0.032 | 0.003 | 0.000 | 0.994 | 0.002 |
| 0640130U/2018 | -0.771 | -0.246 | 0.004 | 0.001 | 0.906 | 0.093 |
| 0640131V/2018 | -0.648 | -0.045 | 0.003 | 0.000 | 0.990 | 0.005 |
| 0640137B/2018 | -0.616 | -0.014 | 0.002 | 0.000 | 0.989 | 0.001 |
| 0640176U/2018 | -0.523 | -0.100 | 0.002 | 0.000 | 0.928 | 0.034 |
| 0640181Z/2018 | -0.800 | -0.308 | 0.004 | 0.002 | 0.870 | 0.129 |
| 0640220S/2018 | -0.668 | -0.068 | 0.003 | 0.000 | 0.985 | 0.010 |
| 0640251A/2018 | 0.042 | 1.447 | 0.000 | 0.041 | 0.001 | 0.984 |
| 0641441U/2018 | -0.541 | 0.013 | 0.002 | 0.000 | 0.973 | 0.001 |
| 0641478J/2018 | 0.027 | 0.219 | 0.000 | 0.001 | 0.004 | 0.268 |
| 0641535W/2018 | -0.738 | -0.097 | 0.003 | 0.000 | 0.983 | 0.017 |
| 0641545G/2018 | -0.672 | -0.048 | 0.003 | 0.000 | 0.991 | 0.005 |
| 0641547J/2018 | -0.632 | -0.044 | 0.002 | 0.000 | 0.986 | 0.005 |
| 0641688M/2018 | 0.420 | 1.843 | 0.001 | 0.066 | 0.048 | 0.930 |
| 0641732K/2018 | -0.424 | -0.042 | 0.001 | 0.000 | 0.865 | 0.009 |
| 0641779L/2018 | -0.768 | -0.176 | 0.004 | 0.001 | 0.950 | 0.050 |
| 0641823J/2018 | -0.258 | 0.266 | 0.000 | 0.001 | 0.385 | 0.407 |
| 0641839B/2018 | -0.551 | -0.073 | 0.002 | 0.000 | 0.955 | 0.017 |
| 0641842E/2018 | -0.245 | 0.427 | 0.000 | 0.004 | 0.212 | 0.646 |
| 0641846C/2018 | 0.239 | -0.282 | 0.000 | 0.002 | 0.137 | 0.191 |
| 0641846J/2018 | -0.865 | -0.410 | 0.005 | 0.003 | 0.816 | 0.184 |
| 0641919I/2018 | -0.427 | 0.205 | 0.001 | 0.001 | 0.756 | 0.175 |
| 0641919N/2018 | -0.224 | 0.438 | 0.000 | 0.004 | 0.181 | 0.695 |
| 0641923T/2018 | -0.851 | -0.397 | 0.004 | 0.003 | 0.821 | 0.179 |
| 0642004F/2018 | 4.313 | -1.176 | 0.114 | 0.027 | 0.671 | 0.050 |
| 0642008K/2018 | 0.092 | -0.123 | 0.000 | 0.000 | 0.036 | 0.065 |
| 0650005C/2018 | -0.731 | -0.117 | 0.003 | 0.000 | 0.973 | 0.025 |
| 0650014M/2018 | -0.830 | -0.297 | 0.004 | 0.002 | 0.886 | 0.113 |
| 0650025Z/2018 | -0.504 | -0.045 | 0.002 | 0.000 | 0.930 | 0.008 |
| 0650026A/2018 | -0.530 | -0.162 | 0.002 | 0.001 | 0.872 | 0.082 |
| 0650027B/2018 | -0.674 | -0.153 | 0.003 | 0.000 | 0.943 | 0.048 |
| 0650029D/2018 | -0.767 | -0.212 | 0.004 | 0.001 | 0.929 | 0.071 |
| 0650038N/2018 | -0.708 | -0.340 | 0.003 | 0.002 | 0.806 | 0.186 |
| 0650048Z/2018 | 12.919 | -2.535 | 1.026 | 0.125 | 0.731 | 0.028 |
| 0650058K/2018 | -0.760 | -0.214 | 0.004 | 0.001 | 0.926 | 0.074 |
| 0650065T/2018 | -0.655 | -0.076 | 0.003 | 0.000 | 0.982 | 0.013 |
| 0650139Y/2018 | -0.779 | -0.243 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0650583F/2018 | 0.256 | 0.566 | 0.000 | 0.006 | 0.116 | 0.566 |
| 0650948C/2018 | -0.765 | -0.087 | 0.004 | 0.000 | 0.987 | 0.013 |
| 0660004W/2018 | -0.622 | -0.156 | 0.002 | 0.000 | 0.922 | 0.058 |
| 0660010C/2018 | -0.366 | 0.072 | 0.001 | 0.000 | 0.777 | 0.030 |
| 0660011D/2018 | -0.386 | -0.091 | 0.001 | 0.000 | 0.783 | 0.044 |
| 0660014G/2018 | -0.692 | -0.275 | 0.003 | 0.001 | 0.856 | 0.135 |
| 0660021P/2018 | -0.769 | -0.265 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0660059F/2018 | -0.663 | -0.045 | 0.003 | 0.000 | 0.991 | 0.005 |
| 0660077A/2018 | -0.769 | -0.265 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0660437S/2018 | -0.248 | 0.723 | 0.000 | 0.010 | 0.103 | 0.872 |
| 0660552S/2018 | -0.568 | -0.031 | 0.002 | 0.000 | 0.975 | 0.003 |
| 0660586D/2018 | -0.055 | 0.275 | 0.000 | 0.001 | 0.018 | 0.450 |
| 0660699B/2018 | -0.751 | -0.200 | 0.003 | 0.001 | 0.933 | 0.066 |
| 0660809W/2018 | -0.313 | -0.068 | 0.001 | 0.000 | 0.667 | 0.031 |
| 0660832W/2018 | 0.748 | 1.706 | 0.003 | 0.057 | 0.150 | 0.782 |
| 0660856X/2018 | -0.576 | 0.025 | 0.002 | 0.000 | 0.979 | 0.002 |
| 0660924W/2018 | -0.412 | 0.201 | 0.001 | 0.001 | 0.756 | 0.180 |
| 0670005S/2018 | -0.554 | -0.179 | 0.002 | 0.001 | 0.872 | 0.092 |
| 0670020H/2018 | -0.444 | -0.021 | 0.001 | 0.000 | 0.902 | 0.002 |
| 0670041F/2018 | -0.545 | -0.183 | 0.002 | 0.001 | 0.860 | 0.097 |
| 0670057Y/2018 | -0.703 | -0.181 | 0.003 | 0.001 | 0.935 | 0.062 |
| 0670071N/2018 | -0.524 | -0.053 | 0.002 | 0.000 | 0.946 | 0.010 |
| 0670078W/2018 | -0.099 | -0.171 | 0.000 | 0.001 | 0.061 | 0.180 |
| 0670079X/2018 | -0.213 | 0.417 | 0.000 | 0.003 | 0.181 | 0.695 |
| 0670080Y/2018 | 0.366 | 0.785 | 0.001 | 0.012 | 0.142 | 0.654 |
| 0670081Z/2018 | -0.425 | 0.186 | 0.001 | 0.001 | 0.771 | 0.149 |
| 0670084C/2018 | -0.267 | -0.136 | 0.000 | 0.000 | 0.472 | 0.121 |
| 0670085D/2018 | -0.519 | -0.058 | 0.002 | 0.000 | 0.930 | 0.012 |
| 0670086E/2018 | -0.153 | -0.084 | 0.000 | 0.000 | 0.191 | 0.058 |
| 0670087F/2018 | -0.338 | 0.426 | 0.001 | 0.004 | 0.369 | 0.585 |
| 0670089H/2018 | -0.472 | -0.101 | 0.001 | 0.000 | 0.863 | 0.040 |
| 0670114K/2018 | -0.762 | -0.268 | 0.004 | 0.001 | 0.889 | 0.110 |
| 0670129B/2018 | -0.758 | -0.269 | 0.004 | 0.001 | 0.887 | 0.111 |
| 0670141P/2018 | -0.848 | -0.452 | 0.004 | 0.004 | 0.779 | 0.221 |
| 0670186N/2018 | 0.742 | 1.011 | 0.003 | 0.020 | 0.292 | 0.543 |
| 0670190T/2018 | 11.257 | -1.224 | 0.779 | 0.029 | 0.754 | 0.009 |
| 0670482E/2018 | 0.729 | -0.206 | 0.003 | 0.001 | 0.442 | 0.035 |
| 0671509B/2018 | -0.695 | -0.162 | 0.003 | 0.001 | 0.943 | 0.051 |
| 0671557D/2018 | -0.081 | 0.360 | 0.000 | 0.003 | 0.030 | 0.602 |
| 0671602C/2018 | -0.608 | -0.017 | 0.002 | 0.000 | 0.984 | 0.001 |
| 0671609K/2018 | -0.571 | 0.257 | 0.002 | 0.001 | 0.826 | 0.167 |
| 0671636P/2018 | -0.642 | -0.117 | 0.003 | 0.000 | 0.960 | 0.032 |
| 0671639T/2018 | -0.546 | -0.068 | 0.002 | 0.000 | 0.944 | 0.015 |
| 0671685T/2018 | -0.670 | -0.103 | 0.003 | 0.000 | 0.971 | 0.023 |
| 0671832C/2018 | -0.635 | -0.098 | 0.002 | 0.000 | 0.962 | 0.023 |
| 0672050P/2018 | -0.382 | 0.118 | 0.001 | 0.000 | 0.796 | 0.076 |
| 0672198A/2018 | -0.599 | -0.277 | 0.002 | 0.001 | 0.802 | 0.171 |
| 0672462M/2018 | -0.173 | 0.270 | 0.000 | 0.001 | 0.189 | 0.460 |
| 0672534R/2018 | -0.713 | -0.124 | 0.003 | 0.000 | 0.967 | 0.029 |
| 0672602P/2018 | -0.762 | -0.106 | 0.004 | 0.000 | 0.981 | 0.019 |
| 0672615D/2018 | -0.830 | -0.297 | 0.004 | 0.002 | 0.886 | 0.114 |
| 0672616E/2018 | -0.672 | -0.048 | 0.003 | 0.000 | 0.990 | 0.005 |
| 0672834S/2018 | -0.581 | 0.003 | 0.002 | 0.000 | 0.979 | 0.000 |
| 0672877N/2018 | -0.498 | 0.468 | 0.002 | 0.004 | 0.526 | 0.465 |
| 0672996T/2018 | -0.676 | -0.172 | 0.003 | 0.001 | 0.934 | 0.060 |
| 0673021E/2018 | 0.309 | -0.019 | 0.001 | 0.000 | 0.270 | 0.001 |
| 0673021V/2018 | 0.245 | 1.568 | 0.000 | 0.048 | 0.023 | 0.956 |
| 0673030E/2018 | 0.227 | 0.618 | 0.000 | 0.007 | 0.084 | 0.620 |
| 0680003J/2018 | -0.686 | -0.097 | 0.003 | 0.000 | 0.977 | 0.020 |
| 0680007N/2018 | -0.572 | 0.024 | 0.002 | 0.000 | 0.981 | 0.002 |
| 0680008P/2018 | -0.481 | 0.027 | 0.001 | 0.000 | 0.929 | 0.003 |
| 0680010S/2018 | -0.673 | -0.266 | 0.003 | 0.001 | 0.855 | 0.134 |
| 0680015X/2018 | -0.527 | -0.189 | 0.002 | 0.001 | 0.835 | 0.108 |
| 0680016Y/2018 | -0.751 | -0.218 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0680031P/2018 | -0.271 | 0.119 | 0.000 | 0.000 | 0.544 | 0.104 |
| 0680032R/2018 | -0.550 | 0.016 | 0.002 | 0.000 | 0.971 | 0.001 |
| 0680034T/2018 | -0.681 | -0.221 | 0.003 | 0.001 | 0.896 | 0.095 |
| 0680053N/2018 | -0.350 | 0.097 | 0.001 | 0.000 | 0.744 | 0.058 |
| 0680066C/2018 | -0.678 | -0.243 | 0.003 | 0.001 | 0.878 | 0.113 |
| 0680073K/2018 | -0.684 | -0.133 | 0.003 | 0.000 | 0.961 | 0.036 |
| 0680099N/2018 | 10.636 | -4.143 | 0.695 | 0.335 | 0.657 | 0.100 |
| 0680149T/2018 | -0.618 | 0.095 | 0.002 | 0.000 | 0.975 | 0.023 |
| 0680169P/2018 | -0.241 | 0.277 | 0.000 | 0.001 | 0.326 | 0.430 |
| 0681166Y/2018 | -0.405 | 0.378 | 0.001 | 0.003 | 0.519 | 0.450 |
| 0681222J/2018 | -0.737 | -0.187 | 0.003 | 0.001 | 0.938 | 0.060 |
| 0681768C/2018 | -0.566 | -0.117 | 0.002 | 0.000 | 0.929 | 0.040 |
| 0681801N/2018 | -0.775 | -0.263 | 0.004 | 0.001 | 0.896 | 0.103 |
| 0681809X/2018 | -0.612 | 0.037 | 0.002 | 0.000 | 0.982 | 0.004 |
| 0681817F/2018 | -0.811 | -0.250 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0681839E/2018 | -0.723 | -0.209 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0681882B/2018 | -0.163 | -0.211 | 0.000 | 0.001 | 0.153 | 0.258 |
| 0681967U/2018 | -0.765 | -0.275 | 0.004 | 0.001 | 0.884 | 0.114 |
| 0690010L/2018 | -0.628 | -0.333 | 0.002 | 0.002 | 0.761 | 0.214 |
| 0690023A/2018 | 0.598 | -0.158 | 0.002 | 0.000 | 0.417 | 0.029 |
| 0690026D/2018 | 1.429 | 0.475 | 0.013 | 0.004 | 0.623 | 0.069 |
| 0690027E/2018 | 0.803 | 1.493 | 0.004 | 0.043 | 0.207 | 0.718 |
| 0690028F/2018 | 0.000 | 0.027 | 0.000 | 0.000 | 0.000 | 0.006 |
| 0690029G/2018 | 0.874 | -0.490 | 0.005 | 0.005 | 0.426 | 0.134 |
| 0690032K/2018 | 0.312 | -0.170 | 0.001 | 0.001 | 0.225 | 0.067 |
| 0690035N/2018 | 0.520 | -0.363 | 0.002 | 0.003 | 0.308 | 0.151 |
| 0690037R/2018 | -0.487 | -0.325 | 0.001 | 0.002 | 0.636 | 0.284 |
| 0690038S/2018 | 0.008 | -0.112 | 0.000 | 0.000 | 0.000 | 0.078 |
| 0690040U/2018 | -0.808 | -0.305 | 0.004 | 0.002 | 0.875 | 0.124 |
| 0690042W/2018 | 0.225 | -0.165 | 0.000 | 0.001 | 0.149 | 0.080 |
| 0690046A/2018 | -0.428 | -0.224 | 0.001 | 0.001 | 0.694 | 0.190 |
| 0690074F/2018 | -0.506 | -0.119 | 0.002 | 0.000 | 0.871 | 0.048 |
| 0690082P/2018 | 0.295 | -0.052 | 0.001 | 0.000 | 0.225 | 0.007 |
| 0690085T/2018 | -0.542 | -0.130 | 0.002 | 0.000 | 0.906 | 0.052 |
| 0690092A/2018 | -0.475 | -0.243 | 0.001 | 0.001 | 0.727 | 0.191 |
| 0690093B/2018 | -0.655 | -0.144 | 0.003 | 0.000 | 0.945 | 0.046 |
| 0690097F/2018 | -0.518 | -0.193 | 0.002 | 0.001 | 0.825 | 0.114 |
| 0690103M/2018 | -0.697 | -0.291 | 0.003 | 0.002 | 0.845 | 0.147 |
| 0690104N/2018 | -0.551 | -0.235 | 0.002 | 0.001 | 0.802 | 0.146 |
| 0690105P/2018 | -0.782 | -0.350 | 0.004 | 0.002 | 0.832 | 0.166 |
| 0690128P/2018 | -0.636 | -0.318 | 0.002 | 0.002 | 0.782 | 0.196 |
| 0690132U/2018 | 0.023 | -0.187 | 0.000 | 0.001 | 0.002 | 0.171 |
| 0690184A/2018 | 0.846 | 0.776 | 0.004 | 0.012 | 0.409 | 0.345 |
| 0690192J/2018 | 6.585 | 3.255 | 0.266 | 0.207 | 0.675 | 0.165 |
| 0690194L/2018 | 1.085 | 1.048 | 0.007 | 0.021 | 0.407 | 0.380 |
| 0690195M/2018 | -0.486 | 0.339 | 0.001 | 0.002 | 0.662 | 0.323 |
| 0690200T/2018 | -0.589 | -0.059 | 0.002 | 0.000 | 0.974 | 0.010 |
| 0690250X/2018 | -0.607 | -0.044 | 0.002 | 0.000 | 0.980 | 0.005 |
| 0690276A/2018 | 2.689 | 9.172 | 0.044 | 1.641 | 0.079 | 0.918 |
| 0690279D/2018 | -0.430 | -0.080 | 0.001 | 0.000 | 0.854 | 0.030 |
| 0690519P/2018 | -0.369 | 0.158 | 0.001 | 0.000 | 0.721 | 0.132 |
| 0690520R/2018 | -0.621 | -0.156 | 0.002 | 0.000 | 0.925 | 0.058 |
| 0690521S/2018 | -0.229 | -0.044 | 0.000 | 0.000 | 0.432 | 0.016 |
| 0690522T/2018 | 0.131 | -0.137 | 0.000 | 0.000 | 0.066 | 0.072 |
| 0690535G/2018 | -0.651 | 0.052 | 0.003 | 0.000 | 0.989 | 0.006 |
| 0690539L/2018 | -0.447 | 0.005 | 0.001 | 0.000 | 0.908 | 0.000 |
| 0690542P/2018 | -0.370 | 0.472 | 0.001 | 0.004 | 0.368 | 0.600 |
| 0690543R/2018 | -0.683 | -0.098 | 0.003 | 0.000 | 0.977 | 0.020 |
| 0690553B/2018 | -0.605 | 0.035 | 0.002 | 0.000 | 0.978 | 0.003 |
| 0690563M/2018 | -0.274 | -0.225 | 0.000 | 0.001 | 0.392 | 0.264 |
| 0690564N/2018 | -0.326 | 0.069 | 0.001 | 0.000 | 0.707 | 0.032 |
| 0690571W/2018 | -0.258 | 0.002 | 0.000 | 0.000 | 0.550 | 0.000 |
| 0690631L/2018 | -0.605 | -0.018 | 0.002 | 0.000 | 0.986 | 0.001 |
| 0690634P/2018 | -0.711 | -0.228 | 0.003 | 0.001 | 0.902 | 0.092 |
| 0690642Y/2018 | -0.587 | -0.061 | 0.002 | 0.000 | 0.963 | 0.010 |
| 0690646C/2018 | -0.570 | -0.174 | 0.002 | 0.001 | 0.892 | 0.083 |
| 0690651H/2018 | -0.833 | -0.296 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0690671E/2018 | -0.451 | -0.055 | 0.001 | 0.000 | 0.883 | 0.013 |
| 0690698J/2018 | -0.662 | -0.316 | 0.003 | 0.002 | 0.804 | 0.184 |
| 0691644M/2018 | -0.743 | -0.274 | 0.003 | 0.001 | 0.877 | 0.120 |
| 0691678Z/2018 | -0.735 | -0.127 | 0.003 | 0.000 | 0.970 | 0.029 |
| 0691696U/2018 | 0.117 | -0.043 | 0.000 | 0.000 | 0.060 | 0.008 |
| 0691774D/2018 | 3.357 | 6.384 | 0.069 | 0.795 | 0.212 | 0.768 |
| 0691775E/2018 | 0.794 | 1.912 | 0.004 | 0.071 | 0.142 | 0.822 |
| 0692437Z/2018 | -0.195 | 0.582 | 0.000 | 0.007 | 0.094 | 0.843 |
| 0692517L/2018 | -0.492 | -0.116 | 0.001 | 0.000 | 0.876 | 0.049 |
| 0692717D/2018 | -0.392 | -0.238 | 0.001 | 0.001 | 0.596 | 0.219 |
| 0692800U/2018 | -0.506 | -0.224 | 0.002 | 0.001 | 0.781 | 0.153 |
| 0692866R/2018 | 0.040 | 0.012 | 0.000 | 0.000 | 0.010 | 0.001 |
| 0692984U/2018 | -0.176 | 0.081 | 0.000 | 0.000 | 0.311 | 0.066 |
| 0693044J/2018 | 0.382 | -0.315 | 0.001 | 0.002 | 0.234 | 0.159 |
| 0693180G/2018 | 1.692 | 2.177 | 0.018 | 0.092 | 0.338 | 0.560 |
| 0693330V/2018 | -0.566 | -0.229 | 0.002 | 0.001 | 0.824 | 0.135 |
| 0693478F/2018 | -0.377 | -0.195 | 0.001 | 0.001 | 0.634 | 0.170 |
| 0693504J/2018 | -0.185 | 0.551 | 0.000 | 0.006 | 0.093 | 0.818 |
| 0693521C/2018 | -0.211 | 0.294 | 0.000 | 0.002 | 0.249 | 0.483 |
| 0693565A/2018 | 0.897 | 0.009 | 0.005 | 0.000 | 0.556 | 0.000 |
| 0693619J/2018 | -0.284 | -0.132 | 0.000 | 0.000 | 0.492 | 0.107 |
| 0693623N/2018 | 2.023 | -0.762 | 0.025 | 0.011 | 0.583 | 0.083 |
| 0693654X/2018 | -0.657 | -0.144 | 0.003 | 0.000 | 0.944 | 0.045 |
| 0693830E/2018 | 1.146 | -0.247 | 0.008 | 0.001 | 0.546 | 0.025 |
| 0694123G/2018 | -0.731 | -0.215 | 0.003 | 0.001 | 0.918 | 0.080 |
| 0700009E/2018 | -0.600 | -0.056 | 0.002 | 0.000 | 0.973 | 0.008 |
| 0700018P/2018 | -0.692 | -0.130 | 0.003 | 0.000 | 0.964 | 0.034 |
| 0700882D/2018 | -0.832 | -0.350 | 0.004 | 0.002 | 0.849 | 0.150 |
| 0700905D/2018 | -0.784 | -0.260 | 0.004 | 0.001 | 0.900 | 0.099 |
| 0700958L/2018 | -0.769 | -0.086 | 0.004 | 0.000 | 0.988 | 0.012 |
| 0701035V/2018 | -0.789 | -0.258 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0701045F/2018 | -0.768 | -0.086 | 0.004 | 0.000 | 0.988 | 0.012 |
| 0701048J/2018 | -0.522 | 0.143 | 0.002 | 0.000 | 0.901 | 0.068 |
| 0701052N/2018 | -0.717 | -0.121 | 0.003 | 0.000 | 0.972 | 0.028 |
| 0710001R/2018 | -0.796 | -0.279 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0710010A/2018 | -0.569 | -0.031 | 0.002 | 0.000 | 0.973 | 0.003 |
| 0710011B/2018 | -0.680 | -0.135 | 0.003 | 0.000 | 0.957 | 0.038 |
| 0710012C/2018 | -0.697 | -0.219 | 0.003 | 0.001 | 0.905 | 0.089 |
| 0710018J/2018 | -0.676 | -0.136 | 0.003 | 0.000 | 0.957 | 0.039 |
| 0710023P/2018 | -0.684 | -0.161 | 0.003 | 0.001 | 0.942 | 0.052 |
| 0710026T/2018 | -0.756 | -0.252 | 0.004 | 0.001 | 0.899 | 0.100 |
| 0710042K/2018 | -0.634 | -0.151 | 0.002 | 0.000 | 0.934 | 0.053 |
| 0710045N/2018 | -0.618 | -0.201 | 0.002 | 0.001 | 0.889 | 0.094 |
| 0710048S/2018 | -0.774 | -0.314 | 0.004 | 0.002 | 0.857 | 0.141 |
| 0710071S/2018 | -0.797 | -0.255 | 0.004 | 0.001 | 0.907 | 0.093 |
| 0710112L/2018 | -0.702 | -0.109 | 0.003 | 0.000 | 0.974 | 0.024 |
| 0711064W/2018 | -0.474 | -0.101 | 0.001 | 0.000 | 0.868 | 0.039 |
| 0711067Z/2018 | -0.760 | -0.250 | 0.004 | 0.001 | 0.901 | 0.097 |
| 0711068A/2018 | -0.649 | -0.038 | 0.003 | 0.000 | 0.990 | 0.003 |
| 0711137A/2018 | -0.806 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0711249X/2018 | -0.552 | 0.108 | 0.002 | 0.000 | 0.955 | 0.036 |
| 0711372F/2018 | -0.124 | 0.810 | 0.000 | 0.013 | 0.022 | 0.921 |
| 0711384U/2018 | -0.871 | -0.390 | 0.005 | 0.003 | 0.833 | 0.167 |
| 0711648F/2018 | -0.756 | -0.090 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0711690B/2018 | -0.382 | 0.422 | 0.001 | 0.003 | 0.428 | 0.523 |
| 0711729U/2018 | -0.461 | 0.002 | 0.001 | 0.000 | 0.919 | 0.000 |
| 0711755X/2018 | -0.743 | -0.148 | 0.003 | 0.000 | 0.962 | 0.038 |
| 0711775U/2018 | 0.503 | 2.152 | 0.002 | 0.090 | 0.051 | 0.929 |
| 0711896A/2018 | -0.609 | -0.017 | 0.002 | 0.000 | 0.988 | 0.001 |
| 0720003M/2018 | -0.759 | -0.268 | 0.004 | 0.001 | 0.887 | 0.111 |
| 0720010V/2018 | -0.682 | -0.134 | 0.003 | 0.000 | 0.957 | 0.037 |
| 0720017C/2018 | -0.785 | -0.271 | 0.004 | 0.001 | 0.893 | 0.107 |
| 0720021G/2018 | -0.748 | -0.219 | 0.003 | 0.001 | 0.919 | 0.079 |
| 0720029R/2018 | -0.240 | 0.426 | 0.000 | 0.004 | 0.208 | 0.652 |
| 0720033V/2018 | -0.513 | -0.071 | 0.002 | 0.000 | 0.927 | 0.018 |
| 0720048L/2018 | -0.744 | -0.247 | 0.003 | 0.001 | 0.899 | 0.099 |
| 0720079V/2018 | -0.601 | 0.124 | 0.002 | 0.000 | 0.954 | 0.041 |
| 0720083Z/2018 | 0.109 | 0.556 | 0.000 | 0.006 | 0.027 | 0.699 |
| 0720822C/2018 | -0.639 | -0.028 | 0.003 | 0.000 | 0.992 | 0.002 |
| 0720837U/2018 | -0.619 | -0.049 | 0.002 | 0.000 | 0.986 | 0.006 |
| 0720896H/2018 | -0.450 | -0.020 | 0.001 | 0.000 | 0.888 | 0.002 |
| 0720916E/2018 | 0.051 | 1.396 | 0.000 | 0.038 | 0.001 | 0.982 |
| 0721009F/2018 | -0.601 | 0.124 | 0.002 | 0.000 | 0.953 | 0.041 |
| 0721094Y/2018 | -0.459 | 0.010 | 0.001 | 0.000 | 0.913 | 0.000 |
| 0721329D/2018 | -0.738 | -0.114 | 0.003 | 0.000 | 0.977 | 0.023 |
| 0721381K/2018 | -0.805 | -0.234 | 0.004 | 0.001 | 0.922 | 0.078 |
| 0721478R/2018 | -0.808 | -0.251 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0721484X/2018 | -0.326 | 1.101 | 0.001 | 0.024 | 0.080 | 0.915 |
| 0721493G/2018 | -0.412 | -0.003 | 0.001 | 0.000 | 0.869 | 0.000 |
| 0721548S/2018 | -0.530 | -0.080 | 0.002 | 0.000 | 0.943 | 0.022 |
| 0721553X/2018 | 12.310 | -4.380 | 0.931 | 0.374 | 0.673 | 0.085 |
| 0721575W/2018 | 12.269 | -4.545 | 0.925 | 0.403 | 0.667 | 0.092 |
| 0721684P/2018 | -0.690 | -0.156 | 0.003 | 0.000 | 0.948 | 0.049 |
| 0730003G/2018 | -0.568 | -0.211 | 0.002 | 0.001 | 0.848 | 0.117 |
| 0730005J/2018 | -0.694 | -0.130 | 0.003 | 0.000 | 0.963 | 0.034 |
| 0730013T/2018 | -0.358 | 0.127 | 0.001 | 0.000 | 0.715 | 0.090 |
| 0730016W/2018 | -0.630 | -0.153 | 0.002 | 0.000 | 0.928 | 0.055 |
| 0730029K/2018 | -0.572 | -0.029 | 0.002 | 0.000 | 0.981 | 0.003 |
| 0730037U/2018 | -0.770 | -0.265 | 0.004 | 0.001 | 0.893 | 0.105 |
| 0730043A/2018 | -0.763 | -0.222 | 0.004 | 0.001 | 0.920 | 0.078 |
| 0730760E/2018 | -0.790 | -0.257 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0730763H/2018 | -0.643 | -0.130 | 0.003 | 0.000 | 0.952 | 0.039 |
| 0730813M/2018 | -0.747 | -0.201 | 0.003 | 0.001 | 0.931 | 0.067 |
| 0730858L/2018 | -0.209 | 0.745 | 0.000 | 0.011 | 0.071 | 0.902 |
| 0731248K/2018 | -0.712 | -0.271 | 0.003 | 0.001 | 0.869 | 0.126 |
| 0731392S/2018 | -0.593 | -0.046 | 0.002 | 0.000 | 0.980 | 0.006 |
| 0731487V/2018 | -0.474 | -0.059 | 0.001 | 0.000 | 0.907 | 0.014 |
| 0740003B/2018 | -0.100 | 0.433 | 0.000 | 0.004 | 0.037 | 0.709 |
| 0740005D/2018 | -0.492 | -0.080 | 0.001 | 0.000 | 0.912 | 0.024 |
| 0740006E/2018 | -0.651 | -0.138 | 0.003 | 0.000 | 0.945 | 0.043 |
| 0740009H/2018 | -0.584 | -0.163 | 0.002 | 0.001 | 0.905 | 0.070 |
| 0740013M/2018 | -0.556 | -0.179 | 0.002 | 0.001 | 0.875 | 0.091 |
| 0740017S/2018 | -0.728 | -0.244 | 0.003 | 0.001 | 0.895 | 0.101 |
| 0740027C/2018 | -0.699 | -0.278 | 0.003 | 0.002 | 0.857 | 0.135 |
| 0740037N/2018 | -0.675 | -0.137 | 0.003 | 0.000 | 0.955 | 0.039 |
| 0740046Y/2018 | -0.560 | 0.002 | 0.002 | 0.000 | 0.975 | 0.000 |
| 0740047Z/2018 | -0.366 | 0.284 | 0.001 | 0.002 | 0.586 | 0.351 |
| 0740051D/2018 | -0.536 | -0.078 | 0.002 | 0.000 | 0.943 | 0.020 |
| 0740082M/2018 | -0.649 | -0.039 | 0.003 | 0.000 | 0.987 | 0.004 |
| 0740092Y/2018 | -0.724 | -0.119 | 0.003 | 0.000 | 0.973 | 0.026 |
| 0740098E/2018 | -0.668 | -0.032 | 0.003 | 0.000 | 0.994 | 0.002 |
| 0740100G/2018 | -0.742 | -0.274 | 0.003 | 0.001 | 0.878 | 0.120 |
| 0740283F/2018 | -0.658 | 0.006 | 0.003 | 0.000 | 0.995 | 0.000 |
| 0740927F/2018 | -0.705 | -0.174 | 0.003 | 0.001 | 0.940 | 0.057 |
| 0741101V/2018 | -0.732 | -0.188 | 0.003 | 0.001 | 0.937 | 0.062 |
| 0741133E/2018 | -0.089 | 0.393 | 0.000 | 0.003 | 0.033 | 0.647 |
| 0741418P/2018 | -0.465 | -0.050 | 0.001 | 0.000 | 0.907 | 0.010 |
| 0741451A/2018 | -0.656 | 0.000 | 0.003 | 0.000 | 0.997 | 0.000 |
| 0741510P/2018 | 12.578 | -3.220 | 0.972 | 0.202 | 0.711 | 0.047 |
| 0741532N/2018 | -0.707 | -0.287 | 0.003 | 0.002 | 0.852 | 0.141 |
| 0741586X/2018 | 0.324 | 1.275 | 0.001 | 0.032 | 0.057 | 0.884 |
| 0741669M/2018 | -0.779 | -0.315 | 0.004 | 0.002 | 0.859 | 0.140 |
| 0750330B/2018 | -0.534 | 0.243 | 0.002 | 0.001 | 0.817 | 0.170 |
| 0750463W/2018 | -0.585 | -0.097 | 0.002 | 0.000 | 0.946 | 0.026 |
| 0750502N/2018 | -0.693 | -0.345 | 0.003 | 0.002 | 0.795 | 0.197 |
| 0750558Z/2018 | -0.804 | -0.342 | 0.004 | 0.002 | 0.847 | 0.153 |
| 0750612H/2018 | -0.607 | -0.347 | 0.002 | 0.002 | 0.733 | 0.240 |
| 0750647W/2018 | 0.486 | -0.051 | 0.001 | 0.000 | 0.384 | 0.004 |
| 0750648X/2018 | -0.003 | 0.055 | 0.000 | 0.000 | 0.000 | 0.024 |
| 0750650Z/2018 | -0.120 | -0.334 | 0.000 | 0.002 | 0.055 | 0.426 |
| 0750651A/2018 | 0.387 | -0.515 | 0.001 | 0.005 | 0.177 | 0.313 |
| 0750652B/2018 | 1.421 | -0.022 | 0.012 | 0.000 | 0.617 | 0.000 |
| 0750653C/2018 | 1.329 | -0.849 | 0.011 | 0.014 | 0.455 | 0.186 |
| 0750654D/2018 | 0.328 | 0.117 | 0.001 | 0.000 | 0.287 | 0.036 |
| 0750655E/2018 | 0.996 | 0.262 | 0.006 | 0.001 | 0.568 | 0.039 |
| 0750656F/2018 | 0.765 | -0.218 | 0.004 | 0.001 | 0.462 | 0.038 |
| 0750657G/2018 | 0.667 | -0.183 | 0.003 | 0.001 | 0.437 | 0.033 |
| 0750658H/2018 | 2.449 | 1.335 | 0.037 | 0.035 | 0.614 | 0.183 |
| 0750660K/2018 | 1.174 | 0.229 | 0.008 | 0.001 | 0.604 | 0.023 |
| 0750662M/2018 | 0.201 | 0.845 | 0.000 | 0.014 | 0.047 | 0.836 |
| 0750663N/2018 | 1.470 | 0.220 | 0.013 | 0.001 | 0.639 | 0.014 |
| 0750664P/2018 | 0.272 | -0.473 | 0.000 | 0.004 | 0.117 | 0.354 |
| 0750667T/2018 | 1.672 | -0.111 | 0.017 | 0.000 | 0.637 | 0.003 |
| 0750668U/2018 | 0.288 | 0.238 | 0.001 | 0.001 | 0.219 | 0.149 |
| 0750669V/2018 | 0.041 | 0.793 | 0.000 | 0.012 | 0.002 | 0.907 |
| 0750670W/2018 | -0.235 | 0.137 | 0.000 | 0.000 | 0.439 | 0.151 |
| 0750671X/2018 | -0.132 | -0.330 | 0.000 | 0.002 | 0.069 | 0.430 |
| 0750672Y/2018 | -0.409 | -0.364 | 0.001 | 0.003 | 0.482 | 0.381 |
| 0750674A/2018 | 0.755 | -0.527 | 0.003 | 0.005 | 0.368 | 0.179 |
| 0750675B/2018 | -0.059 | 0.020 | 0.000 | 0.000 | 0.027 | 0.003 |
| 0750676C/2018 | -0.445 | -0.176 | 0.001 | 0.001 | 0.754 | 0.117 |
| 0750677D/2018 | 0.100 | -0.150 | 0.000 | 0.000 | 0.045 | 0.101 |
| 0750679F/2018 | -0.100 | 0.089 | 0.000 | 0.000 | 0.083 | 0.066 |
| 0750680G/2018 | 1.151 | -0.589 | 0.008 | 0.007 | 0.475 | 0.124 |
| 0750681H/2018 | -0.740 | -0.388 | 0.003 | 0.003 | 0.781 | 0.215 |
| 0750682J/2018 | 0.115 | 0.013 | 0.000 | 0.000 | 0.064 | 0.001 |
| 0750683K/2018 | 0.228 | 0.835 | 0.000 | 0.014 | 0.061 | 0.809 |
| 0750685M/2018 | -0.061 | 0.087 | 0.000 | 0.000 | 0.033 | 0.066 |
| 0750686N/2018 | -0.510 | -0.327 | 0.002 | 0.002 | 0.662 | 0.272 |
| 0750688R/2018 | -0.069 | -0.060 | 0.000 | 0.000 | 0.039 | 0.030 |
| 0750690T/2018 | 0.690 | -0.424 | 0.003 | 0.004 | 0.359 | 0.136 |
| 0750691U/2018 | -0.261 | 0.017 | 0.000 | 0.000 | 0.508 | 0.002 |
| 0750692V/2018 | 0.484 | -0.351 | 0.001 | 0.002 | 0.291 | 0.153 |
| 0750693W/2018 | 0.450 | -0.107 | 0.001 | 0.000 | 0.333 | 0.019 |
| 0750695Y/2018 | -0.568 | 0.255 | 0.002 | 0.001 | 0.824 | 0.166 |
| 0750696Z/2018 | 0.063 | -0.411 | 0.000 | 0.003 | 0.009 | 0.399 |
| 0750697A/2018 | -0.237 | -0.191 | 0.000 | 0.001 | 0.314 | 0.204 |
| 0750698B/2018 | -0.021 | 0.061 | 0.000 | 0.000 | 0.003 | 0.027 |
| 0750699C/2018 | 1.287 | 0.170 | 0.010 | 0.001 | 0.617 | 0.011 |
| 0750700D/2018 | 0.387 | -0.084 | 0.001 | 0.000 | 0.298 | 0.014 |
| 0750703G/2018 | 0.351 | 0.791 | 0.001 | 0.012 | 0.135 | 0.684 |
| 0750704H/2018 | 0.761 | 0.357 | 0.004 | 0.002 | 0.479 | 0.106 |
| 0750705J/2018 | 0.250 | -0.125 | 0.000 | 0.000 | 0.181 | 0.045 |
| 0750707L/2018 | 0.712 | 0.005 | 0.003 | 0.000 | 0.493 | 0.000 |
| 0750708M/2018 | -0.340 | 0.271 | 0.001 | 0.001 | 0.548 | 0.347 |
| 0750710P/2018 | -0.578 | -0.322 | 0.002 | 0.002 | 0.737 | 0.229 |
| 0750712S/2018 | -0.422 | -0.296 | 0.001 | 0.002 | 0.571 | 0.282 |
| 0750713T/2018 | -0.108 | -0.234 | 0.000 | 0.001 | 0.058 | 0.270 |
| 0750714U/2018 | -0.146 | 0.106 | 0.000 | 0.000 | 0.199 | 0.105 |
| 0750715V/2018 | 0.420 | -0.394 | 0.001 | 0.003 | 0.238 | 0.210 |
| 0750770E/2018 | -0.790 | -0.257 | 0.004 | 0.001 | 0.901 | 0.095 |
| 0750783U/2018 | -0.735 | -0.196 | 0.003 | 0.001 | 0.931 | 0.066 |
| 0750785W/2018 | -0.476 | -0.387 | 0.001 | 0.003 | 0.547 | 0.361 |
| 0750788Z/2018 | -0.754 | -0.270 | 0.003 | 0.001 | 0.884 | 0.113 |
| 0750802P/2018 | -0.662 | -0.356 | 0.003 | 0.002 | 0.756 | 0.219 |
| 0751150E/2018 | 1.432 | 0.701 | 0.013 | 0.010 | 0.576 | 0.138 |
| 0751708Z/2018 | 0.203 | -0.270 | 0.000 | 0.001 | 0.105 | 0.185 |
| 0751710B/2018 | -0.717 | -0.122 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0751717J/2018 | 1.671 | 1.573 | 0.017 | 0.048 | 0.454 | 0.402 |
| 0751718K/2018 | 8.159 | 7.539 | 0.409 | 1.109 | 0.500 | 0.427 |
| 0751719L/2018 | -0.078 | 0.497 | 0.000 | 0.005 | 0.020 | 0.808 |
| 0751720M/2018 | -0.211 | 0.868 | 0.000 | 0.015 | 0.055 | 0.926 |
| 0751721N/2018 | 5.435 | 5.273 | 0.182 | 0.542 | 0.475 | 0.447 |
| 0751722P/2018 | 1.864 | 1.760 | 0.021 | 0.060 | 0.456 | 0.406 |
| 0751723R/2018 | 1.833 | 1.607 | 0.021 | 0.050 | 0.482 | 0.371 |
| 0751871B/2018 | 1.019 | 0.626 | 0.006 | 0.008 | 0.521 | 0.196 |
| 0751875F/2018 | 0.086 | 0.418 | 0.000 | 0.003 | 0.025 | 0.588 |
| 0751877H/2018 | 1.297 | 1.065 | 0.010 | 0.022 | 0.479 | 0.323 |
| 0751883P/2018 | -0.340 | 0.176 | 0.001 | 0.001 | 0.665 | 0.177 |
| 0752846L/2018 | 0.395 | -0.535 | 0.001 | 0.006 | 0.177 | 0.326 |
| 0753268V/2018 | 0.664 | -0.415 | 0.003 | 0.003 | 0.366 | 0.143 |
| 0753472A/2018 | -0.551 | -0.199 | 0.002 | 0.001 | 0.839 | 0.110 |
| 0753472B/2018 | -0.543 | -0.148 | 0.002 | 0.000 | 0.882 | 0.066 |
| 0753472C/2018 | -0.533 | -0.152 | 0.002 | 0.000 | 0.870 | 0.071 |
| 0753488J/2018 | -0.542 | 0.504 | 0.002 | 0.005 | 0.535 | 0.463 |
| 0753537M/2018 | -0.390 | 0.289 | 0.001 | 0.002 | 0.611 | 0.335 |
| 0753541S/2018 | -0.200 | 0.921 | 0.000 | 0.017 | 0.044 | 0.937 |
| 0753559L/2018 | 1.364 | 0.112 | 0.011 | 0.000 | 0.619 | 0.004 |
| 0753840S/2018 | 0.587 | 0.647 | 0.002 | 0.008 | 0.313 | 0.380 |
| 0753844W/2018 | -0.667 | -0.256 | 0.003 | 0.001 | 0.863 | 0.127 |
| 0753873C/2018 | 0.202 | 0.519 | 0.000 | 0.005 | 0.085 | 0.561 |
| 0753890W/2018 | -0.199 | -0.234 | 0.000 | 0.001 | 0.212 | 0.294 |
| 0753897D/2018 | 0.099 | 0.315 | 0.000 | 0.002 | 0.040 | 0.404 |
| 0753915Y/2018 | -0.104 | 0.845 | 0.000 | 0.014 | 0.014 | 0.950 |
| 0754015G/2018 | -0.701 | -0.056 | 0.003 | 0.000 | 0.991 | 0.006 |
| 0754016H/2018 | -0.698 | -0.209 | 0.003 | 0.001 | 0.912 | 0.082 |
| 0754025T/2018 | -0.614 | -0.063 | 0.002 | 0.000 | 0.972 | 0.010 |
| 0754029X/2018 | -0.323 | 0.026 | 0.001 | 0.000 | 0.726 | 0.005 |
| 0754030Y/2018 | -0.522 | 0.093 | 0.002 | 0.000 | 0.942 | 0.030 |
| 0754037F/2018 | -0.343 | 0.572 | 0.001 | 0.006 | 0.261 | 0.726 |
| 0754042L/2018 | -0.514 | 0.050 | 0.002 | 0.000 | 0.951 | 0.009 |
| 0754086J/2018 | -0.509 | 0.002 | 0.002 | 0.000 | 0.920 | 0.000 |
| 0754247J/2018 | 1.618 | 0.504 | 0.016 | 0.005 | 0.642 | 0.062 |
| 0754318L/2018 | -0.752 | -0.002 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0754400A/2018 | 12.233 | -3.545 | 0.920 | 0.245 | 0.700 | 0.059 |
| 0754431J/2018 | 2.516 | 1.346 | 0.039 | 0.035 | 0.612 | 0.175 |
| 0754475G/2018 | -0.483 | -0.259 | 0.001 | 0.001 | 0.705 | 0.203 |
| 0754476H/2018 | -0.343 | -0.154 | 0.001 | 0.000 | 0.622 | 0.126 |
| 0754530S/2018 | -0.160 | -0.123 | 0.000 | 0.000 | 0.176 | 0.103 |
| 0754540C/2018 | 2.174 | 3.535 | 0.029 | 0.244 | 0.263 | 0.697 |
| 0754663L/2018 | 0.627 | 0.476 | 0.002 | 0.004 | 0.386 | 0.222 |
| 0754666P/2018 | -0.539 | -0.113 | 0.002 | 0.000 | 0.920 | 0.040 |
| 0754924V/2018 | -0.611 | -0.051 | 0.002 | 0.000 | 0.980 | 0.007 |
| 0755188G/2018 | 16.667 | 23.788 | 1.707 | 11.040 | 0.322 | 0.655 |
| 0755308M/2018 | -0.765 | -0.177 | 0.004 | 0.001 | 0.949 | 0.051 |
| 0755437C/2018 | -0.518 | 0.005 | 0.002 | 0.000 | 0.963 | 0.000 |
| 075CPS01/2018 | -0.823 | -0.461 | 0.004 | 0.004 | 0.760 | 0.239 |
| 0760005T/2018 | -0.438 | -0.023 | 0.001 | 0.000 | 0.895 | 0.003 |
| 0760029U/2018 | -0.521 | -0.003 | 0.002 | 0.000 | 0.961 | 0.000 |
| 0760030V/2018 | -0.690 | -0.132 | 0.003 | 0.000 | 0.959 | 0.035 |
| 0760032X/2018 | -0.656 | -0.083 | 0.003 | 0.000 | 0.979 | 0.016 |
| 0760035A/2018 | -0.666 | -0.171 | 0.003 | 0.001 | 0.931 | 0.062 |
| 0760052U/2018 | -0.376 | 0.187 | 0.001 | 0.001 | 0.688 | 0.170 |
| 0760054W/2018 | -0.305 | -0.071 | 0.001 | 0.000 | 0.628 | 0.034 |
| 0760056Y/2018 | -0.718 | -0.205 | 0.003 | 0.001 | 0.921 | 0.075 |
| 0760058A/2018 | -0.664 | -0.195 | 0.003 | 0.001 | 0.911 | 0.078 |
| 0760072R/2018 | -0.626 | 0.043 | 0.002 | 0.000 | 0.991 | 0.005 |
| 0760076V/2018 | -0.461 | -0.016 | 0.001 | 0.000 | 0.916 | 0.001 |
| 0760087G/2018 | -0.817 | -0.248 | 0.004 | 0.001 | 0.915 | 0.085 |
| 0760090K/2018 | -0.043 | -0.003 | 0.000 | 0.000 | 0.014 | 0.000 |
| 0760091L/2018 | -0.237 | -0.001 | 0.000 | 0.000 | 0.500 | 0.000 |
| 0760095R/2018 | -0.489 | 0.161 | 0.001 | 0.001 | 0.859 | 0.093 |
| 0760096S/2018 | -0.181 | 0.061 | 0.000 | 0.000 | 0.305 | 0.034 |
| 0760109F/2018 | -0.472 | 0.001 | 0.001 | 0.000 | 0.934 | 0.000 |
| 0760110G/2018 | -0.566 | 0.066 | 0.002 | 0.000 | 0.962 | 0.013 |
| 0760164R/2018 | 0.346 | 1.133 | 0.001 | 0.025 | 0.078 | 0.840 |
| 0760165S/2018 | 11.560 | -0.614 | 0.821 | 0.007 | 0.765 | 0.002 |
| 0760169W/2018 | -0.636 | -0.132 | 0.002 | 0.000 | 0.949 | 0.041 |
| 0760170X/2018 | 0.319 | 0.679 | 0.001 | 0.009 | 0.136 | 0.617 |
| 0760174B/2018 | -0.603 | -0.084 | 0.002 | 0.000 | 0.967 | 0.019 |
| 0761315S/2018 | -0.687 | -0.276 | 0.003 | 0.001 | 0.855 | 0.138 |
| 0761341V/2018 | -0.626 | 0.061 | 0.002 | 0.000 | 0.985 | 0.009 |
| 0761343X/2018 | -0.762 | -0.191 | 0.004 | 0.001 | 0.940 | 0.059 |
| 0761349D/2018 | -0.633 | -0.116 | 0.002 | 0.000 | 0.958 | 0.032 |
| 0761356L/2018 | -0.546 | 0.015 | 0.002 | 0.000 | 0.974 | 0.001 |
| 0761688X/2018 | -0.103 | 0.354 | 0.000 | 0.002 | 0.051 | 0.604 |
| 0761710W/2018 | -0.647 | -0.039 | 0.003 | 0.000 | 0.988 | 0.004 |
| 0761719F/2018 | -0.521 | 0.096 | 0.002 | 0.000 | 0.943 | 0.032 |
| 0761721H/2018 | -0.713 | -0.016 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0761735Y/2018 | -0.622 | -0.039 | 0.002 | 0.000 | 0.989 | 0.004 |
| 0761742F/2018 | -0.426 | -0.104 | 0.001 | 0.000 | 0.824 | 0.049 |
| 0761904G/2018 | 0.582 | 2.491 | 0.002 | 0.121 | 0.051 | 0.939 |
| 0762049P/2018 | 2.173 | 5.778 | 0.029 | 0.651 | 0.123 | 0.871 |
| 0762169V/2018 | -0.753 | -0.271 | 0.003 | 0.001 | 0.883 | 0.114 |
| 0762284V/2018 | -0.545 | 0.283 | 0.002 | 0.002 | 0.779 | 0.210 |
| 0762378X/2018 | 2.032 | -0.365 | 0.025 | 0.003 | 0.637 | 0.021 |
| 0762380Z/2018 | -0.737 | -0.168 | 0.003 | 0.001 | 0.950 | 0.050 |
| 0762601P/2018 | -0.754 | -0.216 | 0.003 | 0.001 | 0.924 | 0.076 |
| 0762687H/2018 | -0.536 | 0.281 | 0.002 | 0.002 | 0.780 | 0.214 |
| 0762733H/2018 | -0.593 | 0.104 | 0.002 | 0.000 | 0.968 | 0.030 |
| 0762762P/2018 | -0.346 | 0.458 | 0.001 | 0.004 | 0.349 | 0.612 |
| 0762765T/2018 | -0.805 | -0.342 | 0.004 | 0.002 | 0.847 | 0.153 |
| 0762879S/2018 | -0.442 | -0.022 | 0.001 | 0.000 | 0.907 | 0.002 |
| 0762880T/2018 | -0.694 | -0.292 | 0.003 | 0.002 | 0.842 | 0.149 |
| 0762911B/2018 | -0.530 | -0.080 | 0.002 | 0.000 | 0.940 | 0.022 |
| 0762920L/2018 | -0.781 | -0.261 | 0.004 | 0.001 | 0.899 | 0.100 |
| 0762964J/2018 | -0.682 | -0.135 | 0.003 | 0.000 | 0.956 | 0.037 |
| 0762969P/2018 | 0.059 | 0.122 | 0.000 | 0.000 | 0.019 | 0.081 |
| 0762976X/2018 | -0.662 | -0.303 | 0.003 | 0.002 | 0.816 | 0.171 |
| 0763096C/2018 | 3.582 | -1.603 | 0.079 | 0.050 | 0.598 | 0.120 |
| 0763111U/2018 | 0.287 | 1.779 | 0.001 | 0.062 | 0.025 | 0.949 |
| 0763214F/2018 | -0.081 | 0.378 | 0.000 | 0.003 | 0.028 | 0.611 |
| 0763237F/2018 | -0.624 | 0.061 | 0.002 | 0.000 | 0.986 | 0.009 |
| 0763400H/2018 | -0.351 | 0.125 | 0.001 | 0.000 | 0.729 | 0.092 |
| 0763409T/2018 | -0.421 | 0.025 | 0.001 | 0.000 | 0.894 | 0.003 |
| 0770918E/2018 | -0.509 | -0.064 | 0.002 | 0.000 | 0.933 | 0.015 |
| 0770920G/2018 | -0.655 | -0.086 | 0.003 | 0.000 | 0.973 | 0.017 |
| 0770922J/2018 | -0.455 | -0.149 | 0.001 | 0.000 | 0.799 | 0.086 |
| 0770924L/2018 | -0.533 | -0.088 | 0.002 | 0.000 | 0.926 | 0.025 |
| 0770926N/2018 | -0.372 | -0.053 | 0.001 | 0.000 | 0.786 | 0.016 |
| 0770927P/2018 | -0.223 | 0.133 | 0.000 | 0.000 | 0.399 | 0.142 |
| 0770931U/2018 | -0.618 | -0.103 | 0.002 | 0.000 | 0.956 | 0.027 |
| 0770933W/2018 | -0.361 | 0.027 | 0.001 | 0.000 | 0.784 | 0.004 |
| 0770934X/2018 | -0.463 | -0.066 | 0.001 | 0.000 | 0.884 | 0.018 |
| 0770938B/2018 | -0.688 | -0.374 | 0.003 | 0.003 | 0.763 | 0.226 |
| 0770940D/2018 | -0.521 | -0.120 | 0.002 | 0.000 | 0.875 | 0.046 |
| 0770942F/2018 | -0.586 | 0.029 | 0.002 | 0.000 | 0.985 | 0.002 |
| 0770943G/2018 | -0.730 | -0.279 | 0.003 | 0.002 | 0.869 | 0.127 |
| 0770945J/2018 | -0.835 | -0.313 | 0.004 | 0.002 | 0.877 | 0.123 |
| 0771027Y/2018 | -0.523 | -0.092 | 0.002 | 0.000 | 0.920 | 0.029 |
| 0771171E/2018 | -0.173 | -0.118 | 0.000 | 0.000 | 0.227 | 0.104 |
| 0771200L/2018 | -0.622 | 0.042 | 0.002 | 0.000 | 0.988 | 0.004 |
| 0771238C/2018 | -0.633 | 0.081 | 0.002 | 0.000 | 0.978 | 0.016 |
| 0771246L/2018 | -0.742 | -0.113 | 0.003 | 0.000 | 0.977 | 0.023 |
| 0771336J/2018 | -0.649 | -0.146 | 0.003 | 0.000 | 0.939 | 0.048 |
| 0771357G/2018 | -0.786 | -0.277 | 0.004 | 0.001 | 0.889 | 0.110 |
| 0771436T/2018 | -0.678 | -0.136 | 0.003 | 0.000 | 0.956 | 0.038 |
| 0771512A/2018 | -0.566 | -0.175 | 0.002 | 0.001 | 0.880 | 0.085 |
| 0771658J/2018 | -0.746 | -0.172 | 0.003 | 0.001 | 0.949 | 0.051 |
| 0771663P/2018 | -0.642 | -0.148 | 0.003 | 0.000 | 0.942 | 0.050 |
| 0771763Y/2018 | -0.365 | -0.049 | 0.001 | 0.000 | 0.786 | 0.014 |
| 0771940R/2018 | -0.169 | -0.119 | 0.000 | 0.000 | 0.199 | 0.098 |
| 0771941S/2018 | -0.688 | -0.133 | 0.003 | 0.000 | 0.958 | 0.036 |
| 0771996B/2018 | -0.458 | -0.214 | 0.001 | 0.001 | 0.734 | 0.160 |
| 0772120L/2018 | -0.122 | -0.154 | 0.000 | 0.000 | 0.097 | 0.153 |
| 0772127U/2018 | -0.293 | -0.075 | 0.001 | 0.000 | 0.582 | 0.038 |
| 0772153X/2018 | -0.727 | -0.262 | 0.003 | 0.001 | 0.882 | 0.114 |
| 0772188K/2018 | -0.494 | -0.004 | 0.002 | 0.000 | 0.941 | 0.000 |
| 0772223Y/2018 | -0.110 | 0.092 | 0.000 | 0.000 | 0.097 | 0.068 |
| 0772225A/2018 | -0.488 | -0.203 | 0.001 | 0.001 | 0.777 | 0.134 |
| 0772228D/2018 | -0.651 | -0.145 | 0.003 | 0.000 | 0.941 | 0.047 |
| 0772229E/2018 | -0.363 | -0.050 | 0.001 | 0.000 | 0.764 | 0.015 |
| 0772230F/2018 | -0.317 | -0.067 | 0.001 | 0.000 | 0.653 | 0.029 |
| 0772243V/2018 | -0.438 | -0.023 | 0.001 | 0.000 | 0.874 | 0.002 |
| 0772276F/2018 | -0.395 | -0.038 | 0.001 | 0.000 | 0.839 | 0.008 |
| 0772292Y/2018 | -0.549 | -0.182 | 0.002 | 0.001 | 0.854 | 0.094 |
| 0772296C/2018 | -0.723 | -0.120 | 0.003 | 0.000 | 0.971 | 0.027 |
| 0772310T/2018 | -0.447 | -0.218 | 0.001 | 0.001 | 0.716 | 0.170 |
| 0772312V/2018 | -0.548 | 0.016 | 0.002 | 0.000 | 0.975 | 0.001 |
| 0772346G/2018 | 0.351 | 0.425 | 0.001 | 0.004 | 0.228 | 0.335 |
| 0772347H/2018 | 0.180 | 0.384 | 0.000 | 0.003 | 0.091 | 0.417 |
| 0772348J/2018 | 0.761 | 0.627 | 0.004 | 0.008 | 0.419 | 0.285 |
| 0772432A/2018 | 1.052 | 0.154 | 0.007 | 0.000 | 0.567 | 0.012 |
| 0772448T/2018 | 1.899 | 3.813 | 0.022 | 0.284 | 0.194 | 0.783 |
| 0772502B/2018 | 0.289 | 0.863 | 0.001 | 0.015 | 0.086 | 0.770 |
| 0772519V/2018 | 0.191 | 0.264 | 0.000 | 0.001 | 0.126 | 0.239 |
| 0772551E/2018 | 0.428 | 0.746 | 0.001 | 0.011 | 0.195 | 0.591 |
| 0772737G/2018 | -0.730 | -0.117 | 0.003 | 0.000 | 0.973 | 0.025 |
| 077CPS01/2018 | -0.695 | -0.434 | 0.003 | 0.004 | 0.710 | 0.277 |
| 0780004F/2018 | -0.608 | 0.036 | 0.002 | 0.000 | 0.984 | 0.004 |
| 0780015T/2018 | -0.350 | 0.088 | 0.001 | 0.000 | 0.732 | 0.046 |
| 0780273Y/2018 | -0.834 | -0.296 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0780412Z/2018 | 1.089 | 1.318 | 0.007 | 0.034 | 0.350 | 0.512 |
| 0780422K/2018 | -0.566 | -0.131 | 0.002 | 0.000 | 0.917 | 0.049 |
| 0780515L/2018 | -0.479 | -0.009 | 0.001 | 0.000 | 0.924 | 0.000 |
| 0780582J/2018 | -0.458 | -0.017 | 0.001 | 0.000 | 0.890 | 0.001 |
| 0781023N/2018 | -0.618 | 0.237 | 0.002 | 0.001 | 0.869 | 0.128 |
| 0781069N/2018 | -0.740 | -0.096 | 0.003 | 0.000 | 0.983 | 0.016 |
| 0781297L/2018 | -0.316 | -0.085 | 0.001 | 0.000 | 0.625 | 0.045 |
| 0781512V/2018 | -0.480 | 0.027 | 0.001 | 0.000 | 0.931 | 0.003 |
| 0781578S/2018 | -0.262 | 0.184 | 0.000 | 0.001 | 0.494 | 0.242 |
| 0781631Z/2018 | -0.314 | -0.121 | 0.001 | 0.000 | 0.617 | 0.091 |
| 0781839A/2018 | -0.557 | 0.019 | 0.002 | 0.000 | 0.969 | 0.001 |
| 0781845G/2018 | -0.377 | -0.136 | 0.001 | 0.000 | 0.687 | 0.089 |
| 0781859X/2018 | -0.549 | 0.016 | 0.002 | 0.000 | 0.976 | 0.001 |
| 0781883Y/2018 | -0.776 | -0.271 | 0.004 | 0.001 | 0.891 | 0.109 |
| 0781898P/2018 | -0.691 | -0.060 | 0.003 | 0.000 | 0.989 | 0.007 |
| 0781944P/2018 | 0.009 | 0.365 | 0.000 | 0.003 | 0.000 | 0.567 |
| 0781945R/2018 | 0.666 | 0.121 | 0.003 | 0.000 | 0.459 | 0.015 |
| 0781948U/2018 | -0.721 | -0.282 | 0.003 | 0.002 | 0.863 | 0.132 |
| 0781981S/2018 | -0.535 | 0.280 | 0.002 | 0.002 | 0.775 | 0.212 |
| 0781984H/2018 | -0.438 | -0.113 | 0.001 | 0.000 | 0.839 | 0.055 |
| 0782076H/2018 | 0.988 | 2.341 | 0.006 | 0.107 | 0.146 | 0.820 |
| 0782104N/2018 | 12.236 | -4.426 | 0.920 | 0.382 | 0.670 | 0.088 |
| 0782117C/2018 | -0.056 | 0.163 | 0.000 | 0.001 | 0.023 | 0.198 |
| 0782118D/2018 | 0.080 | 0.169 | 0.000 | 0.001 | 0.035 | 0.158 |
| 0782132U/2018 | -0.251 | 0.143 | 0.000 | 0.000 | 0.469 | 0.152 |
| 0782539L/2018 | -0.544 | 0.007 | 0.002 | 0.000 | 0.970 | 0.000 |
| 0782540M/2018 | -0.657 | -0.180 | 0.003 | 0.001 | 0.918 | 0.069 |
| 0782546U/2018 | -0.038 | -0.165 | 0.000 | 0.001 | 0.008 | 0.142 |
| 0782549X/2018 | -0.533 | -0.089 | 0.002 | 0.000 | 0.924 | 0.026 |
| 0782556E/2018 | -0.625 | -0.155 | 0.002 | 0.000 | 0.924 | 0.057 |
| 0782557F/2018 | -0.295 | -0.074 | 0.001 | 0.000 | 0.598 | 0.038 |
| 0782562L/2018 | 0.644 | 0.256 | 0.003 | 0.001 | 0.458 | 0.072 |
| 0782563M/2018 | -0.050 | 0.502 | 0.000 | 0.005 | 0.008 | 0.785 |
| 0782565P/2018 | -0.448 | 0.064 | 0.001 | 0.000 | 0.882 | 0.018 |
| 0782567S/2018 | -0.363 | -0.050 | 0.001 | 0.000 | 0.773 | 0.014 |
| 0782587N/2018 | -0.744 | -0.274 | 0.003 | 0.001 | 0.878 | 0.119 |
| 0782822U/2018 | -0.270 | -0.083 | 0.000 | 0.000 | 0.425 | 0.040 |
| 0782924E/2018 | -0.341 | -0.058 | 0.001 | 0.000 | 0.713 | 0.021 |
| 0783053V/2018 | 0.078 | 0.474 | 0.000 | 0.004 | 0.018 | 0.640 |
| 0783282U/2018 | -0.284 | 0.586 | 0.000 | 0.007 | 0.183 | 0.780 |
| 0783323N/2018 | -0.630 | 0.081 | 0.002 | 0.000 | 0.980 | 0.016 |
| 0783344L/2018 | -0.655 | -0.036 | 0.003 | 0.000 | 0.992 | 0.003 |
| 0783351U/2018 | -0.354 | 0.018 | 0.001 | 0.000 | 0.779 | 0.002 |
| 0783431F/2018 | -0.796 | -0.390 | 0.004 | 0.003 | 0.806 | 0.193 |
| 0783455G/2018 | -0.662 | 0.002 | 0.003 | 0.000 | 0.996 | 0.000 |
| 0783533S/2018 | -0.444 | -0.021 | 0.001 | 0.000 | 0.897 | 0.002 |
| 0790007D/2018 | -0.744 | -0.238 | 0.003 | 0.001 | 0.906 | 0.092 |
| 0790024X/2018 | -0.735 | -0.195 | 0.003 | 0.001 | 0.932 | 0.065 |
| 0790029C/2018 | -0.576 | 0.026 | 0.002 | 0.000 | 0.982 | 0.002 |
| 0790031E/2018 | -0.714 | -0.123 | 0.003 | 0.000 | 0.968 | 0.029 |
| 0790036K/2018 | -0.782 | -0.206 | 0.004 | 0.001 | 0.935 | 0.065 |
| 0790080H/2018 | -0.739 | -0.235 | 0.003 | 0.001 | 0.906 | 0.092 |
| 0790768F/2018 | -0.596 | -0.117 | 0.002 | 0.000 | 0.943 | 0.036 |
| 0791005N/2018 | -0.730 | -0.054 | 0.003 | 0.000 | 0.994 | 0.006 |
| 0791029P/2018 | -0.815 | -0.249 | 0.004 | 0.001 | 0.915 | 0.085 |
| 0791062A/2018 | -0.609 | -0.142 | 0.002 | 0.000 | 0.930 | 0.051 |
| 0791090F/2018 | -0.224 | 0.402 | 0.000 | 0.003 | 0.196 | 0.631 |
| 0791171U/2018 | -0.755 | -0.204 | 0.003 | 0.001 | 0.931 | 0.068 |
| 0800001S/2018 | -0.597 | 0.033 | 0.002 | 0.000 | 0.989 | 0.003 |
| 0800007Y/2018 | -0.702 | -0.020 | 0.003 | 0.000 | 0.997 | 0.001 |
| 0800009A/2018 | -0.284 | 0.434 | 0.000 | 0.004 | 0.273 | 0.638 |
| 0800010B/2018 | -0.403 | -0.018 | 0.001 | 0.000 | 0.854 | 0.002 |
| 0800011C/2018 | -0.410 | -0.127 | 0.001 | 0.000 | 0.774 | 0.074 |
| 0800046R/2018 | -0.638 | -0.043 | 0.003 | 0.000 | 0.984 | 0.004 |
| 0800061G/2018 | -0.734 | -0.223 | 0.003 | 0.001 | 0.915 | 0.084 |
| 0801207C/2018 | -0.567 | 0.040 | 0.002 | 0.000 | 0.976 | 0.005 |
| 0801209E/2018 | -0.595 | -0.057 | 0.002 | 0.000 | 0.977 | 0.009 |
| 0801265R/2018 | 0.701 | 1.894 | 0.003 | 0.070 | 0.115 | 0.839 |
| 0801272Y/2018 | -0.742 | -0.233 | 0.003 | 0.001 | 0.909 | 0.089 |
| 0801327H/2018 | -0.596 | -0.208 | 0.002 | 0.001 | 0.867 | 0.106 |
| 0801328J/2018 | -0.716 | -0.122 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0801344B/2018 | 0.823 | 2.715 | 0.004 | 0.144 | 0.083 | 0.903 |
| 0801479Y/2018 | -0.583 | 0.082 | 0.002 | 0.000 | 0.970 | 0.019 |
| 0801558J/2018 | -0.736 | -0.115 | 0.003 | 0.000 | 0.976 | 0.024 |
| 0801613U/2018 | -0.753 | -0.109 | 0.003 | 0.000 | 0.979 | 0.021 |
| 0801700N/2018 | -0.620 | -0.120 | 0.002 | 0.000 | 0.948 | 0.036 |
| 0801720K/2018 | -0.782 | -0.171 | 0.004 | 0.001 | 0.954 | 0.046 |
| 0801742J/2018 | -0.745 | -0.112 | 0.003 | 0.000 | 0.977 | 0.022 |
| 0801841S/2018 | -0.665 | -0.212 | 0.003 | 0.001 | 0.901 | 0.091 |
| 0801853E/2018 | -0.709 | -0.107 | 0.003 | 0.000 | 0.976 | 0.022 |
| 0801864S/2018 | -0.796 | -0.256 | 0.004 | 0.001 | 0.906 | 0.093 |
| 0801882L/2018 | -0.199 | -0.108 | 0.000 | 0.000 | 0.306 | 0.090 |
| 0801888T/2018 | -0.722 | -0.048 | 0.003 | 0.000 | 0.995 | 0.004 |
| 0801946F/2018 | -0.824 | -0.245 | 0.004 | 0.001 | 0.919 | 0.081 |
| 0802119U/2018 | -0.399 | -0.126 | 0.001 | 0.000 | 0.778 | 0.078 |
| 0810003N/2018 | -0.513 | -0.302 | 0.002 | 0.002 | 0.699 | 0.242 |
| 0810004P/2018 | -0.564 | -0.076 | 0.002 | 0.000 | 0.948 | 0.017 |
| 0810005R/2018 | -0.580 | -0.170 | 0.002 | 0.001 | 0.894 | 0.077 |
| 0810006S/2018 | -0.288 | 0.156 | 0.001 | 0.000 | 0.542 | 0.158 |
| 0810012Y/2018 | -0.614 | -0.159 | 0.002 | 0.000 | 0.920 | 0.061 |
| 0810018E/2018 | -0.442 | -0.291 | 0.001 | 0.002 | 0.620 | 0.269 |
| 0810023K/2018 | -0.500 | -0.002 | 0.002 | 0.000 | 0.948 | 0.000 |
| 0810033W/2018 | -0.773 | -0.263 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0810095N/2018 | -0.642 | -0.085 | 0.003 | 0.000 | 0.977 | 0.017 |
| 0810103X/2018 | -0.761 | -0.160 | 0.004 | 0.000 | 0.957 | 0.042 |
| 0810121S/2018 | -0.582 | 0.045 | 0.002 | 0.000 | 0.977 | 0.006 |
| 0810833R/2018 | -0.709 | -0.017 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0810959C/2018 | -0.517 | -0.114 | 0.002 | 0.000 | 0.899 | 0.044 |
| 0811105L/2018 | -0.728 | -0.190 | 0.003 | 0.001 | 0.934 | 0.063 |
| 0811106M/2018 | -0.756 | -0.090 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0811144D/2018 | -0.817 | -0.266 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0811175M/2018 | -0.797 | -0.201 | 0.004 | 0.001 | 0.940 | 0.060 |
| 0811199N/2018 | -0.178 | 0.225 | 0.000 | 0.001 | 0.223 | 0.356 |
| 0811293I/2018 | 10.693 | -4.038 | 0.703 | 0.318 | 0.662 | 0.094 |
| 0811293R/2018 | -0.233 | 0.733 | 0.000 | 0.010 | 0.089 | 0.884 |
| 0811324Z/2018 | -0.758 | -0.269 | 0.004 | 0.001 | 0.887 | 0.111 |
| 0811341T/2018 | -0.803 | -0.306 | 0.004 | 0.002 | 0.873 | 0.127 |
| 0820001F/2018 | -0.720 | -0.282 | 0.003 | 0.002 | 0.862 | 0.133 |
| 0820004J/2018 | -0.710 | -0.232 | 0.003 | 0.001 | 0.900 | 0.096 |
| 0820016X/2018 | -0.567 | -0.282 | 0.002 | 0.002 | 0.774 | 0.192 |
| 0820021C/2018 | -0.665 | -0.215 | 0.003 | 0.001 | 0.895 | 0.094 |
| 0820044C/2018 | -0.705 | -0.126 | 0.003 | 0.000 | 0.966 | 0.031 |
| 0820559M/2018 | -0.795 | -0.309 | 0.004 | 0.002 | 0.868 | 0.132 |
| 0820822Y/2018 | -0.695 | 0.085 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0820844X/2018 | 0.326 | 1.769 | 0.001 | 0.061 | 0.032 | 0.953 |
| 0820883P/2018 | -0.675 | -0.137 | 0.003 | 0.000 | 0.953 | 0.039 |
| 0820884R/2018 | -0.506 | -0.089 | 0.002 | 0.000 | 0.920 | 0.028 |
| 0820899G/2018 | -0.616 | -0.158 | 0.002 | 0.000 | 0.919 | 0.060 |
| 0820904M/2018 | -0.799 | -0.272 | 0.004 | 0.001 | 0.896 | 0.104 |
| 0830007G/2018 | -0.483 | -0.205 | 0.001 | 0.001 | 0.777 | 0.140 |
| 0830025B/2018 | -0.435 | -0.025 | 0.001 | 0.000 | 0.891 | 0.003 |
| 0830032J/2018 | -0.763 | -0.267 | 0.004 | 0.001 | 0.889 | 0.109 |
| 0830042V/2018 | -0.642 | -0.148 | 0.003 | 0.000 | 0.939 | 0.050 |
| 0830050D/2018 | -0.562 | -0.177 | 0.002 | 0.001 | 0.872 | 0.086 |
| 0830053G/2018 | -0.220 | 0.494 | 0.000 | 0.005 | 0.148 | 0.748 |
| 0830058M/2018 | -0.724 | -0.147 | 0.003 | 0.000 | 0.958 | 0.039 |
| 0830059N/2018 | -0.545 | -0.344 | 0.002 | 0.002 | 0.683 | 0.271 |
| 0830077H/2018 | -0.794 | -0.310 | 0.004 | 0.002 | 0.868 | 0.132 |
| 0830081M/2018 | -0.797 | -0.375 | 0.004 | 0.003 | 0.818 | 0.181 |
| 0830100H/2018 | -0.596 | 0.014 | 0.002 | 0.000 | 0.986 | 0.001 |
| 0830165D/2018 | -0.006 | 0.438 | 0.000 | 0.004 | 0.000 | 0.672 |
| 0830766G/2018 | 0.762 | 2.821 | 0.004 | 0.155 | 0.067 | 0.922 |
| 0830923C/2018 | -0.628 | -0.100 | 0.002 | 0.000 | 0.959 | 0.024 |
| 0831014B/2018 | -0.758 | -0.323 | 0.004 | 0.002 | 0.844 | 0.153 |
| 0831141P/2018 | -0.650 | -0.052 | 0.003 | 0.000 | 0.989 | 0.006 |
| 0831187P/2018 | -0.838 | -0.294 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0831207L/2018 | -0.638 | -0.043 | 0.002 | 0.000 | 0.987 | 0.004 |
| 0831243A/2018 | -0.534 | -0.187 | 0.002 | 0.001 | 0.851 | 0.104 |
| 0831407D/2018 | -0.532 | -0.224 | 0.002 | 0.001 | 0.804 | 0.142 |
| 0831440P/2018 | -0.507 | -0.088 | 0.002 | 0.000 | 0.923 | 0.028 |
| 0831453D/2018 | -0.379 | 0.386 | 0.001 | 0.003 | 0.469 | 0.487 |
| 0831458J/2018 | 2.089 | -0.547 | 0.027 | 0.006 | 0.618 | 0.042 |
| 0831484M/2018 | 0.239 | 1.800 | 0.000 | 0.063 | 0.017 | 0.973 |
| 0831485N/2018 | 0.460 | 0.500 | 0.001 | 0.005 | 0.279 | 0.330 |
| 0831559U/2018 | -0.773 | -0.264 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0831563Y/2018 | -0.617 | -0.319 | 0.002 | 0.002 | 0.769 | 0.206 |
| 0831616F/2018 | -0.728 | -0.260 | 0.003 | 0.001 | 0.883 | 0.112 |
| 0831646N/2018 | -0.642 | -0.229 | 0.003 | 0.001 | 0.873 | 0.111 |
| 0831911T/2018 | 2.128 | -0.399 | 0.028 | 0.003 | 0.637 | 0.022 |
| 0840003X/2018 | -0.519 | -0.031 | 0.002 | 0.000 | 0.951 | 0.003 |
| 0840004Y/2018 | -0.435 | -0.007 | 0.001 | 0.000 | 0.893 | 0.000 |
| 0840005Z/2018 | -0.714 | -0.274 | 0.003 | 0.001 | 0.866 | 0.128 |
| 0840015K/2018 | -0.790 | -0.284 | 0.004 | 0.002 | 0.884 | 0.115 |
| 0840016L/2018 | -0.594 | -0.165 | 0.002 | 0.001 | 0.911 | 0.070 |
| 0840017M/2018 | -0.560 | -0.079 | 0.002 | 0.000 | 0.952 | 0.019 |
| 0840021S/2018 | -0.708 | -0.287 | 0.003 | 0.002 | 0.852 | 0.140 |
| 0840026X/2018 | -0.363 | 0.039 | 0.001 | 0.000 | 0.785 | 0.009 |
| 0840059H/2018 | -0.571 | 0.024 | 0.002 | 0.000 | 0.980 | 0.002 |
| 0840072X/2018 | -0.522 | 0.239 | 0.002 | 0.001 | 0.812 | 0.171 |
| 0840110N/2018 | -0.755 | -0.216 | 0.003 | 0.001 | 0.923 | 0.076 |
| 0840607D/2018 | -0.754 | -0.324 | 0.003 | 0.002 | 0.842 | 0.155 |
| 0840685N/2018 | -0.010 | 1.272 | 0.000 | 0.032 | 0.000 | 0.982 |
| 0840935K/2018 | -0.758 | -0.269 | 0.004 | 0.001 | 0.887 | 0.111 |
| 0840939P/2018 | -0.665 | -0.284 | 0.003 | 0.002 | 0.837 | 0.152 |
| 0840940R/2018 | -0.772 | -0.204 | 0.004 | 0.001 | 0.934 | 0.065 |
| 0840957J/2018 | -0.167 | 0.088 | 0.000 | 0.000 | 0.257 | 0.072 |
| 0850016F/2018 | -0.487 | -0.127 | 0.001 | 0.000 | 0.873 | 0.059 |
| 0850025R/2018 | -0.543 | 0.014 | 0.002 | 0.000 | 0.971 | 0.001 |
| 0850027T/2018 | -0.681 | -0.251 | 0.003 | 0.001 | 0.872 | 0.119 |
| 0850028U/2018 | -0.799 | -0.254 | 0.004 | 0.001 | 0.908 | 0.092 |
| 0850032Y/2018 | -0.626 | -0.083 | 0.002 | 0.000 | 0.969 | 0.017 |
| 0850068M/2018 | -0.618 | -0.058 | 0.002 | 0.000 | 0.975 | 0.009 |
| 0850076W/2018 | -0.611 | 0.038 | 0.002 | 0.000 | 0.988 | 0.004 |
| 0850079Z/2018 | -0.773 | -0.210 | 0.004 | 0.001 | 0.931 | 0.068 |
| 0850086G/2018 | -0.768 | -0.247 | 0.004 | 0.001 | 0.905 | 0.094 |
| 0850130E/2018 | -0.692 | -0.116 | 0.003 | 0.000 | 0.969 | 0.027 |
| 0850136L/2018 | -0.712 | -0.124 | 0.003 | 0.000 | 0.968 | 0.029 |
| 0850142T/2018 | -0.707 | -0.161 | 0.003 | 0.001 | 0.948 | 0.049 |
| 0850144V/2018 | -0.520 | -0.120 | 0.002 | 0.000 | 0.898 | 0.048 |
| 0850151C/2018 | -0.659 | -0.142 | 0.003 | 0.000 | 0.949 | 0.044 |
| 0850152D/2018 | -0.776 | -0.244 | 0.004 | 0.001 | 0.909 | 0.090 |
| 0850609A/2018 | -0.677 | -0.082 | 0.003 | 0.000 | 0.981 | 0.014 |
| 0851252Z/2018 | -0.710 | -0.016 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0851344Z/2018 | -0.736 | -0.173 | 0.003 | 0.001 | 0.947 | 0.052 |
| 0851346B/2018 | -0.629 | -0.153 | 0.002 | 0.000 | 0.931 | 0.055 |
| 0851390Z/2018 | -0.478 | -0.452 | 0.001 | 0.004 | 0.482 | 0.432 |
| 0851400K/2018 | -0.635 | -0.150 | 0.002 | 0.000 | 0.938 | 0.053 |
| 0851401L/2018 | -0.708 | -0.245 | 0.003 | 0.001 | 0.888 | 0.106 |
| 0851415B/2018 | -0.542 | 0.387 | 0.002 | 0.003 | 0.659 | 0.336 |
| 0851457X/2018 | -0.416 | 0.166 | 0.001 | 0.001 | 0.796 | 0.127 |
| 0851473P/2018 | 0.290 | 1.633 | 0.001 | 0.052 | 0.030 | 0.954 |
| 0851642Y/2018 | -0.794 | -0.256 | 0.004 | 0.001 | 0.905 | 0.094 |
| 0860005N/2018 | -0.632 | -0.170 | 0.002 | 0.001 | 0.919 | 0.066 |
| 0860009T/2018 | -0.734 | -0.223 | 0.003 | 0.001 | 0.913 | 0.085 |
| 0860021F/2018 | -0.649 | -0.146 | 0.003 | 0.000 | 0.939 | 0.048 |
| 0860028N/2018 | -0.700 | -0.235 | 0.003 | 0.001 | 0.895 | 0.101 |
| 0860029P/2018 | -0.827 | -0.298 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0860034V/2018 | -0.319 | -0.066 | 0.001 | 0.000 | 0.668 | 0.028 |
| 0860035W/2018 | -0.098 | 0.433 | 0.000 | 0.004 | 0.037 | 0.722 |
| 0860037Y/2018 | -0.637 | -0.133 | 0.002 | 0.000 | 0.945 | 0.041 |
| 0860038Z/2018 | -0.436 | 0.003 | 0.001 | 0.000 | 0.903 | 0.000 |
| 0860039A/2018 | -0.677 | -0.297 | 0.003 | 0.002 | 0.831 | 0.160 |
| 0860058W/2018 | -0.848 | -0.362 | 0.004 | 0.003 | 0.845 | 0.155 |
| 0860703X/2018 | 0.274 | 0.889 | 0.000 | 0.015 | 0.075 | 0.784 |
| 0860718N/2018 | -0.720 | -0.169 | 0.003 | 0.001 | 0.945 | 0.052 |
| 0860755D/2018 | -0.412 | 0.399 | 0.001 | 0.003 | 0.508 | 0.476 |
| 0860774Z/2018 | -0.728 | -0.118 | 0.003 | 0.000 | 0.973 | 0.026 |
| 0860789R/2018 | -0.727 | -0.145 | 0.003 | 0.000 | 0.960 | 0.038 |
| 0860818X/2018 | -0.756 | -0.252 | 0.004 | 0.001 | 0.899 | 0.099 |
| 0860823C/2018 | -0.826 | -0.299 | 0.004 | 0.002 | 0.884 | 0.116 |
| 0860856N/2018 | 0.050 | 1.408 | 0.000 | 0.039 | 0.001 | 0.984 |
| 0861145C/2018 | -0.828 | -0.244 | 0.004 | 0.001 | 0.920 | 0.080 |
| 0861223M/2018 | -0.691 | -0.185 | 0.003 | 0.001 | 0.927 | 0.066 |
| 0861228T/2018 | -0.414 | -0.230 | 0.001 | 0.001 | 0.644 | 0.199 |
| 0861273S/2018 | 1.265 | 5.555 | 0.010 | 0.602 | 0.049 | 0.949 |
| 0861283C/2018 | -0.013 | 0.300 | 0.000 | 0.002 | 0.001 | 0.467 |
| 0861408N/2018 | -0.487 | -0.203 | 0.001 | 0.001 | 0.784 | 0.137 |
| 0870015U/2018 | -0.327 | 0.063 | 0.001 | 0.000 | 0.721 | 0.026 |
| 0870016V/2018 | -0.362 | 0.075 | 0.001 | 0.000 | 0.797 | 0.035 |
| 0870017W/2018 | -0.416 | -0.031 | 0.001 | 0.000 | 0.877 | 0.005 |
| 0870019Y/2018 | -0.438 | -0.079 | 0.001 | 0.000 | 0.862 | 0.028 |
| 0870040W/2018 | -0.560 | -0.177 | 0.002 | 0.001 | 0.878 | 0.088 |
| 0870056N/2018 | -0.588 | -0.108 | 0.002 | 0.000 | 0.939 | 0.032 |
| 0870081R/2018 | -0.689 | -0.024 | 0.003 | 0.000 | 0.996 | 0.001 |
| 0870097H/2018 | -0.445 | 0.428 | 0.001 | 0.004 | 0.515 | 0.477 |
| 0870118F/2018 | -0.618 | -0.196 | 0.002 | 0.001 | 0.892 | 0.090 |
| 0870125N/2018 | 0.209 | 0.919 | 0.000 | 0.016 | 0.043 | 0.841 |
| 0870581J/2018 | -0.717 | -0.170 | 0.003 | 0.001 | 0.945 | 0.053 |
| 0870590U/2018 | -0.713 | -0.123 | 0.003 | 0.000 | 0.970 | 0.029 |
| 0870669E/2018 | 0.397 | 1.994 | 0.001 | 0.078 | 0.038 | 0.948 |
| 0870671G/2018 | -0.776 | -0.244 | 0.004 | 0.001 | 0.909 | 0.090 |
| 0870748R/2018 | -0.617 | -0.085 | 0.002 | 0.000 | 0.973 | 0.018 |
| 0870864S/2018 | -0.691 | -0.131 | 0.003 | 0.000 | 0.962 | 0.035 |
| 0870997L/2018 | 2.026 | -0.766 | 0.025 | 0.011 | 0.578 | 0.083 |
| 0871030X/2018 | -0.704 | -0.171 | 0.003 | 0.001 | 0.941 | 0.056 |
| 0875023M/2018 | -0.765 | -0.266 | 0.004 | 0.001 | 0.891 | 0.108 |
| 0875082B/2018 | 10.697 | -3.985 | 0.703 | 0.310 | 0.665 | 0.092 |
| 087CPS01/2018 | -0.766 | -0.409 | 0.004 | 0.003 | 0.775 | 0.221 |
| 0880019T/2018 | -0.589 | 0.013 | 0.002 | 0.000 | 0.989 | 0.000 |
| 0880020U/2018 | -0.441 | -0.005 | 0.001 | 0.000 | 0.892 | 0.000 |
| 0880021V/2018 | -0.692 | -0.131 | 0.003 | 0.000 | 0.961 | 0.034 |
| 0880023X/2018 | -0.816 | -0.248 | 0.004 | 0.001 | 0.915 | 0.085 |
| 0880040R/2018 | -0.763 | -0.245 | 0.004 | 0.001 | 0.906 | 0.093 |
| 0880101G/2018 | -0.705 | -0.027 | 0.003 | 0.000 | 0.997 | 0.002 |
| 0880152M/2018 | -0.790 | -0.257 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0880153N/2018 | -0.750 | -0.231 | 0.003 | 0.001 | 0.911 | 0.087 |
| 0881070K/2018 | -0.573 | -0.066 | 0.002 | 0.000 | 0.960 | 0.013 |
| 0881452A/2018 | -0.740 | -0.114 | 0.003 | 0.000 | 0.976 | 0.023 |
| 0881664F/2018 | -0.617 | 0.058 | 0.002 | 0.000 | 0.985 | 0.009 |
| 0881679X/2018 | -0.345 | 0.200 | 0.001 | 0.001 | 0.620 | 0.208 |
| 0881703Y/2018 | 0.344 | 1.942 | 0.001 | 0.074 | 0.030 | 0.959 |
| 0881705A/2018 | -0.317 | 0.585 | 0.001 | 0.007 | 0.218 | 0.743 |
| 0881717N/2018 | 0.163 | 0.928 | 0.000 | 0.017 | 0.027 | 0.863 |
| 0890005X/2018 | -0.707 | -0.251 | 0.003 | 0.001 | 0.883 | 0.112 |
| 0890008A/2018 | -0.652 | -0.127 | 0.003 | 0.000 | 0.957 | 0.036 |
| 0890032B/2018 | -0.753 | -0.271 | 0.003 | 0.001 | 0.883 | 0.114 |
| 0890045R/2018 | -0.677 | -0.172 | 0.003 | 0.001 | 0.933 | 0.060 |
| 0890070T/2018 | -0.675 | -0.046 | 0.003 | 0.000 | 0.994 | 0.005 |
| 0891041Y/2018 | -0.795 | -0.166 | 0.004 | 0.001 | 0.958 | 0.042 |
| 0891199V/2018 | -0.699 | -0.236 | 0.003 | 0.001 | 0.892 | 0.102 |
| 0891200W/2018 | -0.777 | -0.267 | 0.004 | 0.001 | 0.894 | 0.106 |
| 0891222V/2018 | -0.153 | 0.461 | 0.000 | 0.004 | 0.081 | 0.733 |
| 0900002N/2018 | -0.438 | -0.023 | 0.001 | 0.000 | 0.898 | 0.003 |
| 0900004R/2018 | -0.609 | -0.081 | 0.002 | 0.000 | 0.965 | 0.017 |
| 0900024M/2018 | -0.486 | 0.441 | 0.001 | 0.004 | 0.541 | 0.446 |
| 0900029T/2018 | -0.522 | -0.047 | 0.002 | 0.000 | 0.959 | 0.008 |
| 0900030U/2018 | -0.749 | -0.111 | 0.003 | 0.000 | 0.978 | 0.021 |
| 0900231M/2018 | -0.199 | 0.459 | 0.000 | 0.004 | 0.134 | 0.712 |
| 0900246D/2018 | -0.669 | -0.067 | 0.003 | 0.000 | 0.985 | 0.010 |
| 0900385E/2018 | -0.570 | 0.104 | 0.002 | 0.000 | 0.954 | 0.032 |
| 0900424X/2018 | 2.557 | 1.044 | 0.040 | 0.021 | 0.650 | 0.108 |
| 0910620E/2018 | -0.443 | -0.073 | 0.001 | 0.000 | 0.859 | 0.023 |
| 0910622G/2018 | -0.545 | -0.026 | 0.002 | 0.000 | 0.965 | 0.002 |
| 0910623H/2018 | -0.284 | -0.078 | 0.000 | 0.000 | 0.565 | 0.043 |
| 0910625K/2018 | -0.446 | -0.025 | 0.001 | 0.000 | 0.900 | 0.003 |
| 0910626L/2018 | 0.038 | 0.040 | 0.000 | 0.000 | 0.009 | 0.010 |
| 0910627M/2018 | -0.454 | 0.036 | 0.001 | 0.000 | 0.913 | 0.006 |
| 0910630R/2018 | -0.838 | -0.366 | 0.004 | 0.003 | 0.840 | 0.160 |
| 0910676R/2018 | -0.607 | -0.054 | 0.002 | 0.000 | 0.972 | 0.008 |
| 0910687C/2018 | -0.118 | -0.137 | 0.000 | 0.000 | 0.098 | 0.132 |
| 0910715H/2018 | -0.806 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0910727W/2018 | -0.380 | -0.010 | 0.001 | 0.000 | 0.808 | 0.001 |
| 0910808J/2018 | -0.628 | 0.044 | 0.002 | 0.000 | 0.987 | 0.005 |
| 0910843X/2018 | -0.633 | -0.008 | 0.002 | 0.000 | 0.993 | 0.000 |
| 0910923J/2018 | 0.434 | 0.512 | 0.001 | 0.005 | 0.257 | 0.359 |
| 0910975R/2018 | -0.592 | -0.126 | 0.002 | 0.000 | 0.930 | 0.042 |
| 0911101C/2018 | 0.942 | 1.591 | 0.005 | 0.049 | 0.236 | 0.673 |
| 0911251R/2018 | -0.419 | -0.067 | 0.001 | 0.000 | 0.830 | 0.021 |
| 0911254U/2018 | -0.104 | -0.448 | 0.000 | 0.004 | 0.029 | 0.547 |
| 0911264E/2018 | -0.301 | 0.914 | 0.001 | 0.016 | 0.097 | 0.897 |
| 0911346U/2018 | -0.218 | -0.102 | 0.000 | 0.000 | 0.363 | 0.079 |
| 0911492C/2018 | -0.687 | -0.178 | 0.003 | 0.001 | 0.930 | 0.062 |
| 0911577V/2018 | -0.486 | -0.007 | 0.001 | 0.000 | 0.929 | 0.000 |
| 0911632E/2018 | -0.485 | -0.007 | 0.001 | 0.000 | 0.936 | 0.000 |
| 0911786X/2018 | -0.299 | -0.162 | 0.001 | 0.001 | 0.536 | 0.158 |
| 0911828T/2018 | -0.654 | -0.171 | 0.003 | 0.001 | 0.925 | 0.063 |
| 0911913K/2018 | -0.495 | -0.147 | 0.002 | 0.000 | 0.860 | 0.075 |
| 0911937L/2018 | -0.449 | -0.055 | 0.001 | 0.000 | 0.894 | 0.014 |
| 0911946W/2018 | -0.354 | -0.107 | 0.001 | 0.000 | 0.718 | 0.065 |
| 0911961M/2018 | -0.480 | -0.099 | 0.001 | 0.000 | 0.867 | 0.037 |
| 0911975C/2018 | 0.609 | 1.668 | 0.002 | 0.054 | 0.111 | 0.836 |
| 0911986P/2018 | 12.265 | -3.449 | 0.924 | 0.232 | 0.702 | 0.056 |
| 0911990U/2018 | -0.290 | 0.049 | 0.001 | 0.000 | 0.607 | 0.017 |
| 0912128U/2018 | 0.358 | 0.411 | 0.001 | 0.003 | 0.235 | 0.309 |
| 0912142J/2018 | -0.620 | -0.228 | 0.002 | 0.001 | 0.860 | 0.116 |
| 0912161E/2018 | -0.657 | 0.233 | 0.003 | 0.001 | 0.887 | 0.111 |
| 0912163G/2018 | -0.297 | -0.110 | 0.001 | 0.000 | 0.563 | 0.077 |
| 0912251C/2018 | -0.321 | -0.154 | 0.001 | 0.000 | 0.587 | 0.136 |
| 0912364A/2018 | -0.607 | -0.062 | 0.002 | 0.000 | 0.973 | 0.010 |
| 0920130S/2018 | -0.423 | -0.029 | 0.001 | 0.000 | 0.865 | 0.004 |
| 0920134W/2018 | -0.351 | -0.370 | 0.001 | 0.003 | 0.381 | 0.424 |
| 0920135X/2018 | -0.443 | -0.022 | 0.001 | 0.000 | 0.889 | 0.002 |
| 0920136Y/2018 | -0.485 | -0.017 | 0.001 | 0.000 | 0.917 | 0.001 |
| 0920137Z/2018 | 0.158 | -0.146 | 0.000 | 0.000 | 0.093 | 0.079 |
| 0920138A/2018 | -0.164 | -0.121 | 0.000 | 0.000 | 0.191 | 0.105 |
| 0920141D/2018 | -0.227 | -0.143 | 0.000 | 0.000 | 0.350 | 0.139 |
| 0920142E/2018 | 0.820 | 0.533 | 0.004 | 0.006 | 0.456 | 0.193 |
| 0920143F/2018 | -0.329 | -0.008 | 0.001 | 0.000 | 0.738 | 0.000 |
| 0920144G/2018 | -0.348 | -0.182 | 0.001 | 0.001 | 0.572 | 0.157 |
| 0920145H/2018 | 0.593 | 0.360 | 0.002 | 0.003 | 0.414 | 0.153 |
| 0920146J/2018 | -0.314 | 0.166 | 0.001 | 0.001 | 0.621 | 0.173 |
| 0920147K/2018 | -0.267 | -0.084 | 0.000 | 0.000 | 0.524 | 0.052 |
| 0920149M/2018 | -0.005 | 0.156 | 0.000 | 0.000 | 0.000 | 0.171 |
| 0920150N/2018 | -0.576 | -0.064 | 0.002 | 0.000 | 0.963 | 0.012 |
| 0920163C/2018 | -0.811 | -0.268 | 0.004 | 0.001 | 0.901 | 0.099 |
| 0920170K/2018 | -0.569 | -0.353 | 0.002 | 0.002 | 0.693 | 0.267 |
| 0920674H/2018 | 4.808 | 0.531 | 0.142 | 0.006 | 0.744 | 0.009 |
| 0920674Q/2018 | -0.708 | -0.286 | 0.003 | 0.002 | 0.855 | 0.140 |
| 0920799U/2018 | -0.540 | 0.030 | 0.002 | 0.000 | 0.958 | 0.003 |
| 0920801W/2018 | -0.358 | 0.181 | 0.001 | 0.001 | 0.668 | 0.170 |
| 0920802X/2018 | -0.674 | -0.189 | 0.003 | 0.001 | 0.921 | 0.072 |
| 0920875B/2018 | -0.328 | -0.045 | 0.001 | 0.000 | 0.704 | 0.013 |
| 0920894X/2018 | -0.700 | 0.015 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0920897A/2018 | -0.051 | 0.592 | 0.000 | 0.007 | 0.006 | 0.811 |
| 0920904H/2018 | -0.285 | 0.155 | 0.000 | 0.000 | 0.536 | 0.158 |
| 0920919Z/2018 | 0.292 | 0.811 | 0.001 | 0.013 | 0.095 | 0.730 |
| 0920928J/2018 | -0.577 | -0.118 | 0.002 | 0.000 | 0.930 | 0.039 |
| 0920956P/2018 | 0.281 | 0.318 | 0.000 | 0.002 | 0.188 | 0.240 |
| 0921156G/2018 | -0.736 | -0.008 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0921166T/2018 | -0.526 | -0.100 | 0.002 | 0.000 | 0.917 | 0.033 |
| 0921204J/2018 | 0.286 | 0.914 | 0.001 | 0.016 | 0.079 | 0.802 |
| 0921229L/2018 | -0.653 | -0.037 | 0.003 | 0.000 | 0.991 | 0.003 |
| 0921230M/2018 | -0.355 | -0.053 | 0.001 | 0.000 | 0.765 | 0.017 |
| 0921245D/2018 | 4.245 | 3.463 | 0.111 | 0.234 | 0.536 | 0.357 |
| 0921365J/2018 | -0.323 | 0.097 | 0.001 | 0.000 | 0.705 | 0.064 |
| 0921399W/2018 | -0.094 | -0.200 | 0.000 | 0.001 | 0.050 | 0.224 |
| 0921432G/2018 | 0.005 | 0.789 | 0.000 | 0.012 | 0.000 | 0.924 |
| 0921484N/2018 | -0.525 | 0.007 | 0.002 | 0.000 | 0.961 | 0.000 |
| 0921594H/2018 | -0.504 | -0.017 | 0.002 | 0.000 | 0.958 | 0.001 |
| 0921619K/2018 | -0.839 | -0.440 | 0.004 | 0.004 | 0.784 | 0.216 |
| 0921625S/2018 | -0.794 | -0.417 | 0.004 | 0.003 | 0.783 | 0.216 |
| 0921935D/2018 | -0.677 | -0.297 | 0.003 | 0.002 | 0.830 | 0.160 |
| 0922149L/2018 | -0.317 | -0.070 | 0.001 | 0.000 | 0.664 | 0.032 |
| 0922277A/2018 | -0.690 | -0.293 | 0.003 | 0.002 | 0.839 | 0.151 |
| 0922398G/2018 | 0.350 | -0.303 | 0.001 | 0.002 | 0.221 | 0.166 |
| 0922427N/2018 | -0.678 | -0.243 | 0.003 | 0.001 | 0.879 | 0.113 |
| 0922455U/2018 | 0.208 | 0.672 | 0.000 | 0.009 | 0.066 | 0.681 |
| 0922472M/2018 | -0.141 | -0.309 | 0.000 | 0.002 | 0.082 | 0.395 |
| 0922563L/2018 | 2.433 | 1.061 | 0.036 | 0.022 | 0.640 | 0.122 |
| 0922573X/2018 | -0.388 | 0.300 | 0.001 | 0.002 | 0.599 | 0.360 |
| 0922621Z/2018 | 2.028 | -0.651 | 0.025 | 0.008 | 0.599 | 0.062 |
| 0922653J/2018 | -0.691 | -0.113 | 0.003 | 0.000 | 0.968 | 0.026 |
| 0922671D/2018 | 1.007 | -0.699 | 0.006 | 0.010 | 0.407 | 0.196 |
| 0922707T/2018 | -0.054 | 1.185 | 0.000 | 0.027 | 0.002 | 0.978 |
| 0930116W/2018 | 0.007 | -0.182 | 0.000 | 0.001 | 0.000 | 0.165 |
| 0930117X/2018 | -0.538 | -0.204 | 0.002 | 0.001 | 0.827 | 0.118 |
| 0930118Y/2018 | -0.208 | -0.303 | 0.000 | 0.002 | 0.181 | 0.384 |
| 0930119Z/2018 | -0.032 | -0.168 | 0.000 | 0.001 | 0.006 | 0.162 |
| 0930120A/2018 | 0.021 | -0.318 | 0.000 | 0.002 | 0.002 | 0.352 |
| 0930121B/2018 | -0.175 | -0.087 | 0.000 | 0.000 | 0.247 | 0.061 |
| 0930122C/2018 | -0.617 | -0.146 | 0.002 | 0.000 | 0.928 | 0.052 |
| 0930123D/2018 | -0.385 | -0.150 | 0.001 | 0.000 | 0.698 | 0.107 |
| 0930125F/2018 | -0.219 | -0.196 | 0.000 | 0.001 | 0.281 | 0.225 |
| 0930126G/2018 | -0.426 | -0.226 | 0.001 | 0.001 | 0.664 | 0.186 |
| 0930127H/2018 | -0.259 | -0.087 | 0.000 | 0.000 | 0.486 | 0.055 |
| 0930129K/2018 | -0.463 | -0.104 | 0.001 | 0.000 | 0.874 | 0.044 |
| 0930133P/2018 | -0.793 | -0.310 | 0.004 | 0.002 | 0.867 | 0.132 |
| 0930830X/2018 | -0.198 | 0.050 | 0.000 | 0.000 | 0.357 | 0.023 |
| 0930831Y/2018 | -0.795 | -0.309 | 0.004 | 0.002 | 0.868 | 0.131 |
| 0930834B/2018 | -0.237 | 0.046 | 0.000 | 0.000 | 0.471 | 0.018 |
| 0930863H/2018 | -0.728 | -0.118 | 0.003 | 0.000 | 0.974 | 0.025 |
| 0931002J/2018 | 1.072 | 0.896 | 0.007 | 0.016 | 0.445 | 0.311 |
| 0931026K/2018 | -0.632 | 0.045 | 0.002 | 0.000 | 0.988 | 0.005 |
| 0931235M/2018 | 1.343 | 0.954 | 0.011 | 0.018 | 0.512 | 0.258 |
| 0931238R/2018 | 0.529 | 1.506 | 0.002 | 0.044 | 0.104 | 0.839 |
| 0931272C/2018 | -0.552 | -0.167 | 0.002 | 0.001 | 0.877 | 0.080 |
| 0931391G/2018 | 1.678 | 2.231 | 0.017 | 0.097 | 0.333 | 0.588 |
| 0931430Z/2018 | -0.253 | -0.089 | 0.000 | 0.000 | 0.466 | 0.058 |
| 0931565W/2018 | -0.451 | -0.216 | 0.001 | 0.001 | 0.733 | 0.168 |
| 0931584S/2018 | -0.484 | -0.205 | 0.001 | 0.001 | 0.769 | 0.138 |
| 0931585T/2018 | -0.408 | -0.034 | 0.001 | 0.000 | 0.844 | 0.006 |
| 0931613Y/2018 | -0.245 | -0.272 | 0.000 | 0.001 | 0.271 | 0.335 |
| 0931654T/2018 | -0.663 | 0.146 | 0.003 | 0.000 | 0.952 | 0.046 |
| 0931779D/2018 | -0.510 | 0.235 | 0.002 | 0.001 | 0.804 | 0.170 |
| 0931796X/2018 | -0.611 | -0.052 | 0.002 | 0.000 | 0.976 | 0.007 |
| 0931797Y/2018 | -0.810 | -0.268 | 0.004 | 0.001 | 0.901 | 0.099 |
| 0931799A/2018 | -0.636 | -0.150 | 0.002 | 0.000 | 0.931 | 0.052 |
| 0931827F/2018 | -0.091 | 0.764 | 0.000 | 0.011 | 0.013 | 0.928 |
| 0932019P/2018 | 0.023 | -0.188 | 0.000 | 0.001 | 0.002 | 0.161 |
| 0932026X/2018 | -0.320 | -0.263 | 0.001 | 0.001 | 0.435 | 0.295 |
| 0932031C/2018 | 0.017 | -0.186 | 0.000 | 0.001 | 0.001 | 0.167 |
| 0932047V/2018 | -0.582 | -0.278 | 0.002 | 0.002 | 0.784 | 0.178 |
| 0932074Z/2018 | -0.599 | -0.164 | 0.002 | 0.001 | 0.904 | 0.068 |
| 0932086M/2018 | 0.178 | 0.385 | 0.000 | 0.003 | 0.091 | 0.425 |
| 0932116V/2018 | -0.609 | -0.309 | 0.002 | 0.002 | 0.776 | 0.200 |
| 0932119Y/2018 | -0.844 | -0.292 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0932120Z/2018 | -0.189 | -0.309 | 0.000 | 0.002 | 0.156 | 0.420 |
| 0932121A/2018 | -0.266 | -0.498 | 0.000 | 0.005 | 0.168 | 0.589 |
| 0932126F/2018 | -0.812 | -0.303 | 0.004 | 0.002 | 0.877 | 0.123 |
| 0932214B/2018 | 1.091 | -0.167 | 0.007 | 0.001 | 0.559 | 0.013 |
| 0932221J/2018 | -0.271 | -0.280 | 0.000 | 0.002 | 0.328 | 0.349 |
| 0932270M/2018 | 0.445 | -0.075 | 0.001 | 0.000 | 0.349 | 0.010 |
| 0932291K/2018 | -0.621 | -0.228 | 0.002 | 0.001 | 0.861 | 0.116 |
| 0932326Y/2018 | -0.354 | 0.072 | 0.001 | 0.000 | 0.758 | 0.031 |
| 0932618R/2018 | -0.601 | 0.052 | 0.002 | 0.000 | 0.973 | 0.007 |
| 0932667U/2018 | 0.133 | -0.226 | 0.000 | 0.001 | 0.063 | 0.183 |
| 093CPS01/2018 | -0.870 | -0.444 | 0.005 | 0.004 | 0.793 | 0.207 |
| 0940113M/2018 | -0.474 | -0.108 | 0.001 | 0.000 | 0.862 | 0.044 |
| 0940114N/2018 | -0.359 | -0.165 | 0.001 | 0.001 | 0.604 | 0.128 |
| 0940116R/2018 | -0.401 | -0.135 | 0.001 | 0.000 | 0.751 | 0.086 |
| 0940118T/2018 | -0.474 | -0.172 | 0.001 | 0.001 | 0.790 | 0.104 |
| 0940119U/2018 | -0.434 | -0.074 | 0.001 | 0.000 | 0.860 | 0.025 |
| 0940120V/2018 | 0.167 | 0.511 | 0.000 | 0.005 | 0.064 | 0.601 |
| 0940121W/2018 | -0.561 | -0.112 | 0.002 | 0.000 | 0.928 | 0.037 |
| 0940122X/2018 | -0.218 | -0.102 | 0.000 | 0.000 | 0.348 | 0.076 |
| 0940123Y/2018 | -0.229 | -0.098 | 0.000 | 0.000 | 0.385 | 0.071 |
| 0940124Z/2018 | -0.087 | -0.148 | 0.000 | 0.000 | 0.049 | 0.141 |
| 0940126B/2018 | -0.588 | -0.168 | 0.002 | 0.001 | 0.894 | 0.073 |
| 0940129E/2018 | -0.536 | -0.225 | 0.002 | 0.001 | 0.804 | 0.141 |
| 0940137N/2018 | -0.804 | -0.425 | 0.004 | 0.004 | 0.781 | 0.218 |
| 0940138P/2018 | -0.429 | -0.224 | 0.001 | 0.001 | 0.689 | 0.187 |
| 0940580V/2018 | -0.293 | -0.030 | 0.001 | 0.000 | 0.605 | 0.006 |
| 0940585A/2018 | -0.661 | -0.196 | 0.003 | 0.001 | 0.909 | 0.079 |
| 0940609B/2018 | 0.497 | 0.790 | 0.002 | 0.012 | 0.213 | 0.539 |
| 0940742W/2018 | -0.525 | -0.124 | 0.002 | 0.000 | 0.902 | 0.050 |
| 0940743X/2018 | -0.414 | -0.032 | 0.001 | 0.000 | 0.860 | 0.005 |
| 0940821G/2018 | -0.555 | -0.024 | 0.002 | 0.000 | 0.960 | 0.002 |
| 0940822H/2018 | -0.533 | 0.175 | 0.002 | 0.001 | 0.882 | 0.095 |
| 0940878U/2018 | -0.636 | -0.021 | 0.002 | 0.000 | 0.990 | 0.001 |
| 0941018W/2018 | -0.545 | -0.040 | 0.002 | 0.000 | 0.952 | 0.005 |
| 0941111X/2018 | 0.850 | 1.697 | 0.004 | 0.056 | 0.187 | 0.745 |
| 0941288P/2018 | 0.875 | 0.123 | 0.005 | 0.000 | 0.543 | 0.011 |
| 0941294W/2018 | -0.658 | -0.367 | 0.003 | 0.003 | 0.751 | 0.233 |
| 0941301D/2018 | -0.517 | -0.085 | 0.002 | 0.000 | 0.923 | 0.025 |
| 0941347D/2018 | -0.418 | -0.036 | 0.001 | 0.000 | 0.865 | 0.007 |
| 0941355M/2018 | -0.393 | -0.237 | 0.001 | 0.001 | 0.611 | 0.223 |
| 0941407U/2018 | -0.555 | 0.018 | 0.002 | 0.000 | 0.975 | 0.001 |
| 0941413A/2018 | -0.496 | 0.177 | 0.002 | 0.001 | 0.871 | 0.111 |
| 0941470M/2018 | -0.331 | -0.055 | 0.001 | 0.000 | 0.711 | 0.020 |
| 0941474S/2018 | -0.195 | -0.139 | 0.000 | 0.000 | 0.250 | 0.127 |
| 0941890U/2018 | 2.254 | 0.098 | 0.031 | 0.000 | 0.679 | 0.001 |
| 0941918Z/2018 | -0.527 | -0.190 | 0.002 | 0.001 | 0.828 | 0.108 |
| 0941934S/2018 | 2.469 | -0.574 | 0.037 | 0.006 | 0.644 | 0.035 |
| 0941952L/2018 | -0.552 | -0.288 | 0.002 | 0.002 | 0.746 | 0.204 |
| 0941954N/2018 | -0.393 | 0.588 | 0.001 | 0.007 | 0.304 | 0.680 |
| 0941972H/2018 | -0.592 | -0.238 | 0.002 | 0.001 | 0.831 | 0.135 |
| 0942072S/2018 | 0.205 | 0.519 | 0.000 | 0.005 | 0.089 | 0.574 |
| 0942095S/2018 | 1.922 | 0.361 | 0.023 | 0.003 | 0.658 | 0.023 |
| 0942144V/2018 | 3.566 | 1.869 | 0.078 | 0.068 | 0.636 | 0.175 |
| 0942193Y/2018 | -0.831 | -0.333 | 0.004 | 0.002 | 0.862 | 0.138 |
| 0942269F/2018 | -0.451 | -0.020 | 0.001 | 0.000 | 0.888 | 0.002 |
| 0942354Y/2018 | -0.623 | -0.025 | 0.002 | 0.000 | 0.985 | 0.002 |
| 0950640E/2018 | -0.259 | -0.087 | 0.000 | 0.000 | 0.492 | 0.055 |
| 0950641F/2018 | -0.561 | -0.147 | 0.002 | 0.000 | 0.892 | 0.061 |
| 0950645K/2018 | -0.096 | -0.145 | 0.000 | 0.000 | 0.064 | 0.145 |
| 0950646L/2018 | -0.432 | -0.062 | 0.001 | 0.000 | 0.857 | 0.018 |
| 0950648N/2018 | -0.413 | -0.033 | 0.001 | 0.000 | 0.842 | 0.005 |
| 0950649P/2018 | -0.352 | -0.027 | 0.001 | 0.000 | 0.774 | 0.005 |
| 0950650R/2018 | -0.109 | -0.140 | 0.000 | 0.000 | 0.086 | 0.142 |
| 0950666H/2018 | -0.119 | -0.083 | 0.000 | 0.000 | 0.115 | 0.056 |
| 0950667J/2018 | -0.539 | -0.089 | 0.002 | 0.000 | 0.936 | 0.026 |
| 0950947N/2018 | -0.730 | -0.118 | 0.003 | 0.000 | 0.973 | 0.025 |
| 0951104J/2018 | -0.630 | -0.071 | 0.002 | 0.000 | 0.974 | 0.012 |
| 0951147F/2018 | -0.329 | -0.062 | 0.001 | 0.000 | 0.647 | 0.023 |
| 0951310H/2018 | -0.190 | -0.022 | 0.000 | 0.000 | 0.323 | 0.004 |
| 0951399E/2018 | -0.347 | 0.002 | 0.001 | 0.000 | 0.772 | 0.000 |
| 0951673C/2018 | -0.577 | -0.064 | 0.002 | 0.000 | 0.958 | 0.012 |
| 0951710T/2018 | -0.714 | -0.284 | 0.003 | 0.002 | 0.859 | 0.136 |
| 0951722F/2018 | -0.178 | -0.026 | 0.000 | 0.000 | 0.303 | 0.006 |
| 0951728M/2018 | -0.119 | -0.137 | 0.000 | 0.000 | 0.098 | 0.132 |
| 0951750L/2018 | 0.634 | 0.769 | 0.002 | 0.012 | 0.295 | 0.433 |
| 0951763A/2018 | -0.490 | -0.096 | 0.001 | 0.000 | 0.879 | 0.033 |
| 0951787B/2018 | -0.636 | -0.187 | 0.002 | 0.001 | 0.905 | 0.078 |
| 0951788C/2018 | -0.097 | -0.199 | 0.000 | 0.001 | 0.053 | 0.223 |
| 0951793H/2018 | 0.194 | 1.304 | 0.000 | 0.033 | 0.021 | 0.943 |
| 0951809A/2018 | 0.197 | 1.992 | 0.000 | 0.077 | 0.010 | 0.980 |
| 0951811C/2018 | -0.177 | -0.205 | 0.000 | 0.001 | 0.193 | 0.259 |
| 0951819L/2018 | 0.079 | 0.150 | 0.000 | 0.000 | 0.032 | 0.113 |
| 0951820M/2018 | -0.112 | -0.588 | 0.000 | 0.007 | 0.024 | 0.652 |
| 0951824S/2018 | -0.500 | -0.020 | 0.002 | 0.000 | 0.929 | 0.002 |
| 0951922Y/2018 | -0.192 | -0.111 | 0.000 | 0.000 | 0.284 | 0.095 |
| 0951946Z/2018 | -0.609 | -0.080 | 0.002 | 0.000 | 0.965 | 0.017 |
| 0951974E/2018 | -0.828 | -0.334 | 0.004 | 0.002 | 0.860 | 0.140 |
| 0951979K/2018 | 0.793 | -0.144 | 0.004 | 0.000 | 0.494 | 0.016 |
| 0951985S/2018 | 0.362 | 0.176 | 0.001 | 0.001 | 0.295 | 0.070 |
| 0951994B/2018 | -0.651 | -0.002 | 0.003 | 0.000 | 0.997 | 0.000 |
| 0951998F/2018 | -0.686 | 0.014 | 0.003 | 0.000 | 0.997 | 0.000 |
| 0952196W/2018 | -0.571 | -0.054 | 0.002 | 0.000 | 0.963 | 0.009 |
| 1290007A/2018 | 0.079 | 0.886 | 0.000 | 0.015 | 0.007 | 0.890 |
| 1350710G/2018 | 1.129 | 1.373 | 0.008 | 0.037 | 0.342 | 0.506 |
| 1770930T/2018 | -0.617 | -0.050 | 0.002 | 0.000 | 0.983 | 0.006 |
| 3500005D/2018 | -0.570 | 0.113 | 0.002 | 0.000 | 0.949 | 0.037 |
| 3500192F/2018 | 10.643 | -4.235 | 0.696 | 0.350 | 0.653 | 0.103 |
| 6200001G/2018 | -0.703 | -0.126 | 0.003 | 0.000 | 0.967 | 0.031 |
| 6200002H/2018 | -0.703 | -0.173 | 0.003 | 0.001 | 0.939 | 0.057 |
| 6200003J/2018 | -0.840 | -0.293 | 0.004 | 0.002 | 0.891 | 0.109 |
| 6200190M/2018 | -0.753 | -0.253 | 0.003 | 0.001 | 0.897 | 0.101 |
| 6200694K/2018 | -0.793 | -0.167 | 0.004 | 0.001 | 0.958 | 0.042 |
| 7200009X/2018 | -0.610 | 0.020 | 0.002 | 0.000 | 0.992 | 0.001 |
| 7200011Z/2018 | -0.724 | -0.119 | 0.003 | 0.000 | 0.972 | 0.026 |
| 7200073S/2018 | -0.704 | -0.108 | 0.003 | 0.000 | 0.975 | 0.023 |
| 7200093N/2018 | -0.783 | -0.313 | 0.004 | 0.002 | 0.861 | 0.138 |
| 7200117P/2018 | -0.551 | 0.078 | 0.002 | 0.000 | 0.958 | 0.019 |
| 7200583W/2018 | -0.737 | -0.207 | 0.003 | 0.001 | 0.925 | 0.073 |
| 7200664J/2018 | -0.473 | 0.423 | 0.001 | 0.003 | 0.550 | 0.440 |
| 9710002A/2018 | -0.580 | -0.030 | 0.002 | 0.000 | 0.979 | 0.003 |
| 9710003B/2018 | -0.566 | 0.096 | 0.002 | 0.000 | 0.957 | 0.028 |
| 9710047Z/2018 | -0.834 | -0.344 | 0.004 | 0.002 | 0.855 | 0.145 |
| 9710067W/2018 | -0.816 | -0.230 | 0.004 | 0.001 | 0.926 | 0.074 |
| 9710083N/2018 | -0.793 | -0.256 | 0.004 | 0.001 | 0.905 | 0.095 |
| 9710090W/2018 | -0.740 | -0.185 | 0.003 | 0.001 | 0.939 | 0.059 |
| 9710418C/2018 | -0.839 | -0.330 | 0.004 | 0.002 | 0.866 | 0.134 |
| 9710585J/2018 | 0.596 | 3.372 | 0.002 | 0.222 | 0.030 | 0.965 |
| 9710690Y/2018 | -0.692 | -0.292 | 0.003 | 0.002 | 0.844 | 0.150 |
| 9710746J/2018 | -0.590 | -0.167 | 0.002 | 0.001 | 0.906 | 0.072 |
| 9710774P/2018 | -0.504 | 0.000 | 0.002 | 0.000 | 0.954 | 0.000 |
| 9710804X/2018 | -0.800 | -0.308 | 0.004 | 0.002 | 0.871 | 0.129 |
| 9710882G/2018 | -0.608 | -0.017 | 0.002 | 0.000 | 0.990 | 0.001 |
| 9710884J/2018 | -0.756 | -0.192 | 0.004 | 0.001 | 0.939 | 0.060 |
| 9710991A/2018 | -0.754 | -0.121 | 0.003 | 0.000 | 0.975 | 0.025 |
| 9710993C/2018 | -0.677 | -0.028 | 0.003 | 0.000 | 0.996 | 0.002 |
| 9711012Y/2018 | -0.810 | -0.251 | 0.004 | 0.001 | 0.912 | 0.087 |
| 9711022J/2018 | -0.816 | -0.248 | 0.004 | 0.001 | 0.915 | 0.085 |
| 9711032V/2018 | -0.695 | -0.112 | 0.003 | 0.000 | 0.970 | 0.025 |
| 9711033W/2018 | -0.836 | -0.367 | 0.004 | 0.003 | 0.838 | 0.161 |
| 9711046K/2018 | -0.615 | -0.021 | 0.002 | 0.000 | 0.984 | 0.001 |
| 9711052S/2018 | -0.465 | 0.246 | 0.001 | 0.001 | 0.755 | 0.211 |
| 9711066G/2018 | -0.657 | -0.107 | 0.003 | 0.000 | 0.969 | 0.026 |
| 9711082Z/2018 | -0.672 | -0.221 | 0.003 | 0.001 | 0.896 | 0.097 |
| 9711151Z/2018 | -0.192 | 1.413 | 0.000 | 0.039 | 0.018 | 0.979 |
| 9711252J/2018 | -0.781 | -0.207 | 0.004 | 0.001 | 0.934 | 0.065 |
| 9720002V/2018 | -0.480 | -0.062 | 0.001 | 0.000 | 0.916 | 0.015 |
| 9720003W/2018 | -0.641 | -0.064 | 0.003 | 0.000 | 0.983 | 0.010 |
| 9720004X/2018 | -0.634 | -0.060 | 0.002 | 0.000 | 0.982 | 0.009 |
| 9720005Y/2018 | -0.655 | -0.054 | 0.003 | 0.000 | 0.989 | 0.007 |
| 9720063L/2018 | -0.684 | 0.019 | 0.003 | 0.000 | 0.998 | 0.001 |
| 9720070U/2018 | -0.637 | 0.083 | 0.002 | 0.000 | 0.980 | 0.017 |
| 9720091S/2018 | -0.759 | -0.143 | 0.004 | 0.000 | 0.965 | 0.034 |
| 9720350Y/2018 | -0.661 | -0.070 | 0.003 | 0.000 | 0.984 | 0.011 |
| 9720424D/2018 | -0.557 | -0.071 | 0.002 | 0.000 | 0.956 | 0.015 |
| 9720429J/2018 | -0.565 | -0.032 | 0.002 | 0.000 | 0.976 | 0.003 |
| 9720430K/2018 | -0.708 | -0.196 | 0.003 | 0.001 | 0.926 | 0.071 |
| 9720501M/2018 | -0.731 | -0.198 | 0.003 | 0.001 | 0.930 | 0.068 |
| 9720515C/2018 | -0.678 | -0.028 | 0.003 | 0.000 | 0.995 | 0.002 |
| 9720615L/2018 | -0.699 | 0.005 | 0.003 | 0.000 | 0.999 | 0.000 |
| 9720695Y/2018 | -0.721 | -0.121 | 0.003 | 0.000 | 0.970 | 0.027 |
| 9720719Z/2018 | -0.547 | 0.285 | 0.002 | 0.002 | 0.784 | 0.212 |
| 9720725F/2018 | -0.739 | -0.150 | 0.003 | 0.000 | 0.959 | 0.040 |
| 9720726G/2018 | -0.803 | -0.307 | 0.004 | 0.002 | 0.873 | 0.127 |
| 9720727H/2018 | -0.508 | 0.199 | 0.002 | 0.001 | 0.852 | 0.131 |
| 9720771F/2018 | -0.797 | -0.255 | 0.004 | 0.001 | 0.907 | 0.093 |
| 9720779P/2018 | -0.790 | -0.221 | 0.004 | 0.001 | 0.927 | 0.073 |
| 9720823M/2018 | -0.766 | -0.140 | 0.004 | 0.000 | 0.968 | 0.032 |
| 9720825P/2018 | -0.582 | -0.062 | 0.002 | 0.000 | 0.967 | 0.011 |
| 9720832X/2018 | 0.031 | 2.014 | 0.000 | 0.079 | 0.000 | 0.996 |
| 9720843J/2018 | -0.631 | -0.069 | 0.002 | 0.000 | 0.979 | 0.012 |
| 9720888H/2018 | -0.740 | -0.185 | 0.003 | 0.001 | 0.940 | 0.059 |
| 9730001N/2018 | -0.489 | 0.013 | 0.001 | 0.000 | 0.945 | 0.001 |
| 9730108E/2018 | -0.666 | -0.134 | 0.003 | 0.000 | 0.954 | 0.038 |
| 9730186P/2018 | -0.705 | -0.162 | 0.003 | 0.001 | 0.946 | 0.050 |
| 9730196A/2018 | -0.755 | -0.216 | 0.003 | 0.001 | 0.923 | 0.076 |
| 9730279R/2018 | 0.180 | 2.714 | 0.000 | 0.144 | 0.004 | 0.994 |
| 9730308X/2018 | -0.647 | -0.182 | 0.003 | 0.001 | 0.917 | 0.073 |
| 9730309Y/2018 | -0.693 | -0.157 | 0.003 | 0.000 | 0.948 | 0.049 |
| 9730328U/2018 | -0.746 | -0.147 | 0.003 | 0.000 | 0.962 | 0.037 |
| 9730364H/2018 | -0.768 | -0.247 | 0.004 | 0.001 | 0.905 | 0.094 |
| 9730371R/2018 | -0.709 | -0.232 | 0.003 | 0.001 | 0.899 | 0.097 |
| 9730408F/2018 | -0.611 | -0.096 | 0.002 | 0.000 | 0.963 | 0.024 |
| 9730421V/2018 | -0.768 | -0.247 | 0.004 | 0.001 | 0.906 | 0.094 |
| 9730423X/2018 | -0.802 | -0.271 | 0.004 | 0.001 | 0.898 | 0.102 |
| 9730429D/2018 | -0.449 | 0.519 | 0.001 | 0.005 | 0.426 | 0.568 |
| 9740001H/2018 | -0.353 | 0.063 | 0.001 | 0.000 | 0.778 | 0.025 |
| 9740002J/2018 | -0.490 | -0.140 | 0.001 | 0.000 | 0.855 | 0.069 |
| 9740015Y/2018 | -0.784 | -0.259 | 0.004 | 0.001 | 0.901 | 0.098 |
| 9740019C/2018 | -0.663 | -0.203 | 0.003 | 0.001 | 0.907 | 0.085 |
| 9740043D/2018 | -0.496 | -0.003 | 0.002 | 0.000 | 0.952 | 0.000 |
| 9740045F/2018 | -0.459 | -0.133 | 0.001 | 0.000 | 0.830 | 0.070 |
| 9740053P/2018 | -0.624 | -0.048 | 0.002 | 0.000 | 0.979 | 0.006 |
| 9740054C/2018 | 2.821 | -1.345 | 0.049 | 0.035 | 0.573 | 0.130 |
| 9740054R/2018 | -0.607 | 0.014 | 0.002 | 0.000 | 0.984 | 0.000 |
| 9740078S/2018 | -0.672 | -0.138 | 0.003 | 0.000 | 0.953 | 0.040 |
| 9740082W/2018 | -0.779 | -0.315 | 0.004 | 0.002 | 0.859 | 0.140 |
| 9740471U/2018 | -0.703 | -0.109 | 0.003 | 0.000 | 0.974 | 0.023 |
| 9740472V/2018 | -0.767 | -0.266 | 0.004 | 0.001 | 0.892 | 0.107 |
| 9740478B/2018 | 0.815 | 3.233 | 0.004 | 0.204 | 0.059 | 0.934 |
| 9740479C/2018 | -0.721 | -0.282 | 0.003 | 0.002 | 0.862 | 0.132 |
| 9740575G/2018 | -0.425 | -0.028 | 0.001 | 0.000 | 0.877 | 0.004 |
| 9740597F/2018 | 0.090 | 0.238 | 0.000 | 0.001 | 0.041 | 0.283 |
| 9740679V/2018 | -0.711 | -0.016 | 0.003 | 0.000 | 0.999 | 0.001 |
| 9740737H/2018 | -0.801 | -0.281 | 0.004 | 0.002 | 0.890 | 0.109 |
| 9740738J/2018 | -0.670 | -0.049 | 0.003 | 0.000 | 0.992 | 0.005 |
| 9740787M/2018 | -0.534 | 0.011 | 0.002 | 0.000 | 0.967 | 0.000 |
| 9740910W/2018 | -0.781 | -0.261 | 0.004 | 0.001 | 0.899 | 0.100 |
| 9740911X/2018 | -0.849 | -0.434 | 0.004 | 0.004 | 0.793 | 0.207 |
| 9740921H/2018 | -0.685 | -0.348 | 0.003 | 0.002 | 0.787 | 0.203 |
| 9740952S/2018 | -0.643 | -0.005 | 0.003 | 0.000 | 0.991 | 0.000 |
| 9740979W/2018 | -0.648 | -0.147 | 0.003 | 0.000 | 0.940 | 0.048 |
| 9741046U/2018 | -0.489 | -0.046 | 0.001 | 0.000 | 0.931 | 0.008 |
| 9741050Y/2018 | -0.505 | -0.089 | 0.002 | 0.000 | 0.919 | 0.029 |
| 9741051Z/2018 | -0.748 | -0.245 | 0.003 | 0.001 | 0.901 | 0.097 |
| 9741052A/2018 | -0.832 | -0.296 | 0.004 | 0.002 | 0.887 | 0.113 |
| 9741060J/2018 | -0.759 | -0.089 | 0.004 | 0.000 | 0.986 | 0.014 |
| 9741087N/2018 | -0.579 | -0.278 | 0.002 | 0.002 | 0.786 | 0.182 |
| 9741101D/2018 | -0.443 | 0.427 | 0.001 | 0.004 | 0.513 | 0.478 |
| 9741103F/2018 | -0.477 | 0.134 | 0.001 | 0.000 | 0.892 | 0.071 |
| 9741173G/2018 | -0.621 | -0.156 | 0.002 | 0.000 | 0.926 | 0.058 |
| 9741180P/2018 | -0.483 | -0.035 | 0.001 | 0.000 | 0.922 | 0.005 |
| 9741182S/2018 | -0.772 | -0.264 | 0.004 | 0.001 | 0.894 | 0.104 |
| 9741185V/2018 | -0.232 | -0.294 | 0.000 | 0.002 | 0.235 | 0.378 |
| 9741186W/2018 | -0.746 | -0.291 | 0.003 | 0.002 | 0.865 | 0.132 |
| 9741204R/2018 | 1.403 | 4.525 | 0.012 | 0.400 | 0.087 | 0.907 |
| 9741206T/2018 | -0.784 | -0.313 | 0.004 | 0.002 | 0.861 | 0.138 |
| 9741230U/2018 | -0.595 | 0.033 | 0.002 | 0.000 | 0.989 | 0.003 |
| 9741231V/2018 | -0.568 | -0.264 | 0.002 | 0.001 | 0.793 | 0.172 |
| 9741233X/2018 | -0.553 | 0.000 | 0.002 | 0.000 | 0.980 | 0.000 |
| 9741255W/2018 | -0.659 | -0.041 | 0.003 | 0.000 | 0.991 | 0.004 |
| 9741256X/2018 | -0.732 | -0.099 | 0.003 | 0.000 | 0.981 | 0.018 |
| 9741263E/2018 | -0.549 | -0.182 | 0.002 | 0.001 | 0.862 | 0.094 |
| 9741270M/2018 | -0.751 | -0.218 | 0.003 | 0.001 | 0.921 | 0.077 |
| 9741324W/2018 | -0.536 | -0.078 | 0.002 | 0.000 | 0.948 | 0.020 |
| 9741380G/2018 | -0.587 | -0.244 | 0.002 | 0.001 | 0.829 | 0.143 |
| 9741394X/2018 | 6.038 | -2.597 | 0.224 | 0.132 | 0.626 | 0.116 |
| 9741628B/2018 | -0.450 | 0.502 | 0.001 | 0.005 | 0.444 | 0.553 |
| 9760125G/2018 | -0.659 | -0.035 | 0.003 | 0.000 | 0.989 | 0.003 |
| 9760127J/2018 | -0.722 | -0.174 | 0.003 | 0.001 | 0.943 | 0.055 |
| 9760163Y/2018 | -0.773 | -0.200 | 0.004 | 0.001 | 0.937 | 0.063 |
| 9760182U/2018 | -0.398 | -0.091 | 0.001 | 0.000 | 0.801 | 0.042 |
| 9760229V/2018 | -0.469 | -0.269 | 0.001 | 0.001 | 0.680 | 0.225 |
| 9760338N/2018 | -0.647 | -0.147 | 0.003 | 0.000 | 0.935 | 0.048 |
| 9760358K/2018 | -0.305 | 0.558 | 0.001 | 0.006 | 0.224 | 0.749 |
| 9760370Y/2018 | -0.400 | -0.037 | 0.001 | 0.000 | 0.855 | 0.007 |
| 9840001D/2018 | -0.760 | -0.190 | 0.004 | 0.001 | 0.941 | 0.059 |
| 9840002E/2018 | -0.670 | 0.059 | 0.003 | 0.000 | 0.991 | 0.008 |
| 9840023C/2018 | -0.702 | -0.127 | 0.003 | 0.000 | 0.964 | 0.032 |
| 9840160B/2018 | -0.810 | -0.233 | 0.004 | 0.001 | 0.924 | 0.076 |
| 9840267T/2018 | -0.753 | -0.252 | 0.003 | 0.001 | 0.898 | 0.101 |
| 9840268U/2018 | -0.647 | -0.147 | 0.003 | 0.000 | 0.941 | 0.048 |
| 9840277D/2018 | -0.734 | -0.116 | 0.003 | 0.000 | 0.975 | 0.024 |
| 9840339W/2018 | -0.749 | -0.187 | 0.003 | 0.001 | 0.941 | 0.058 |
| 9840349G/2018 | -0.036 | 1.645 | 0.000 | 0.053 | 0.000 | 0.996 |
| 9840386X/2018 | -0.736 | -0.169 | 0.003 | 0.001 | 0.949 | 0.050 |
| 9840391C/2018 | -0.622 | 0.194 | 0.002 | 0.001 | 0.909 | 0.088 |
| 9840394F/2018 | -0.724 | -0.119 | 0.003 | 0.000 | 0.972 | 0.026 |
| 9840407V/2018 | -0.638 | -0.057 | 0.002 | 0.000 | 0.986 | 0.008 |
| 9840465H/2018 | -0.783 | -0.219 | 0.004 | 0.001 | 0.927 | 0.073 |
| 9840471P/2018 | -0.642 | -0.076 | 0.003 | 0.000 | 0.979 | 0.014 |
| identifiant obsolète/2018 | 0.814 | 1.495 | 0.004 | 0.044 | 0.208 | 0.701 |
| T171435T/2018 | 4.080 | -2.080 | 0.102 | 0.084 | 0.578 | 0.150 |
| T593500B/2018 | 2.764 | -0.805 | 0.047 | 0.013 | 0.636 | 0.054 |
| T694431J/2018 | 4.239 | -1.239 | 0.110 | 0.030 | 0.664 | 0.057 |
| T942095L/2018 | 2.753 | -0.801 | 0.047 | 0.013 | 0.635 | 0.054 |
| T942095R/2018 | 2.740 | -0.976 | 0.046 | 0.019 | 0.613 | 0.078 |
| T942095S/2018 | 2.729 | -0.972 | 0.046 | 0.018 | 0.612 | 0.078 |
| T942095T/2018 | 2.759 | -0.803 | 0.047 | 0.013 | 0.635 | 0.054 |
| 0010001W/2019 | -0.720 | -0.282 | 0.003 | 0.002 | 0.863 | 0.133 |
| 0010006B/2019 | -0.158 | -0.301 | 0.000 | 0.002 | 0.186 | 0.676 |
| 0010013J/2019 | -0.269 | 0.156 | 0.000 | 0.000 | 0.733 | 0.248 |
| 0010014K/2019 | -0.337 | -0.086 | 0.001 | 0.000 | 0.814 | 0.053 |
| 0010016M/2019 | -0.573 | -0.203 | 0.002 | 0.001 | 0.887 | 0.111 |
| 0010034G/2019 | -0.727 | -0.229 | 0.003 | 0.001 | 0.908 | 0.090 |
| 0010059J/2019 | -0.527 | -0.083 | 0.002 | 0.000 | 0.960 | 0.024 |
| 0010060K/2019 | 5.826 | -0.964 | 0.209 | 0.018 | 0.810 | 0.022 |
| 0010070W/2019 | -0.684 | -0.237 | 0.003 | 0.001 | 0.889 | 0.106 |
| 0010072Y/2019 | -0.239 | -0.271 | 0.000 | 0.001 | 0.321 | 0.416 |
| 0010099C/2019 | -0.815 | -0.301 | 0.004 | 0.002 | 0.879 | 0.120 |
| 0010819K/2019 | -0.639 | -0.039 | 0.003 | 0.000 | 0.995 | 0.004 |
| 0010989V/2019 | 4.027 | -1.283 | 0.100 | 0.032 | 0.743 | 0.075 |
| 0011118K/2019 | -0.487 | 0.015 | 0.001 | 0.000 | 0.990 | 0.001 |
| 0011119L/2019 | -0.815 | -0.317 | 0.004 | 0.002 | 0.869 | 0.131 |
| 0011160F/2019 | 4.819 | -1.285 | 0.143 | 0.032 | 0.770 | 0.055 |
| 0011170S/2019 | -0.747 | -0.181 | 0.003 | 0.001 | 0.944 | 0.056 |
| 0011194T/2019 | -0.515 | -0.187 | 0.002 | 0.001 | 0.882 | 0.116 |
| 0011276G/2019 | -0.722 | -0.281 | 0.003 | 0.002 | 0.865 | 0.131 |
| 0011312W/2019 | 0.414 | 0.306 | 0.001 | 0.002 | 0.633 | 0.346 |
| 0011329P/2019 | 0.161 | 0.650 | 0.000 | 0.008 | 0.055 | 0.902 |
| 0011402U/2019 | -0.645 | 0.140 | 0.003 | 0.000 | 0.955 | 0.045 |
| 0011438H/2019 | -0.624 | -0.279 | 0.002 | 0.002 | 0.817 | 0.163 |
| 0020012C/2019 | -0.664 | -0.243 | 0.003 | 0.001 | 0.877 | 0.117 |
| 0020014E/2019 | -0.576 | -0.069 | 0.002 | 0.000 | 0.983 | 0.014 |
| 0020022N/2019 | -0.563 | -0.309 | 0.002 | 0.002 | 0.731 | 0.220 |
| 0020031Y/2019 | -0.647 | -0.125 | 0.003 | 0.000 | 0.963 | 0.036 |
| 0020032Z/2019 | -0.498 | -0.037 | 0.002 | 0.000 | 0.993 | 0.005 |
| 0020034B/2019 | -0.621 | -0.075 | 0.002 | 0.000 | 0.977 | 0.014 |
| 0020048S/2019 | -0.328 | -0.315 | 0.001 | 0.002 | 0.510 | 0.472 |
| 0020049T/2019 | -0.537 | -0.099 | 0.002 | 0.000 | 0.963 | 0.033 |
| 0020050U/2019 | -0.549 | -0.179 | 0.002 | 0.001 | 0.904 | 0.096 |
| 0020051V/2019 | -0.728 | -0.277 | 0.003 | 0.001 | 0.873 | 0.127 |
| 0020059D/2019 | -0.476 | -0.003 | 0.001 | 0.000 | 0.993 | 0.000 |
| 0020060E/2019 | -0.699 | -0.269 | 0.003 | 0.001 | 0.871 | 0.129 |
| 0020079A/2019 | -0.828 | -0.297 | 0.004 | 0.002 | 0.886 | 0.114 |
| 0020087J/2019 | -0.335 | 0.480 | 0.001 | 0.004 | 0.322 | 0.663 |
| 0021476U/2019 | -0.785 | -0.259 | 0.004 | 0.001 | 0.901 | 0.098 |
| 0021522U/2019 | -0.559 | -0.029 | 0.002 | 0.000 | 0.993 | 0.003 |
| 0021818R/2019 | -0.556 | 0.003 | 0.002 | 0.000 | 0.999 | 0.000 |
| 0021868V/2019 | 1.790 | 0.186 | 0.020 | 0.001 | 0.785 | 0.008 |
| 0021869W/2019 | -0.768 | -0.104 | 0.004 | 0.000 | 0.982 | 0.018 |
| 0021873A/2019 | -0.666 | -0.013 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0021874B/2019 | -0.581 | -0.016 | 0.002 | 0.000 | 0.994 | 0.001 |
| 0021887R/2019 | 1.624 | -0.204 | 0.016 | 0.001 | 0.747 | 0.012 |
| 0021888S/2019 | 2.307 | 0.819 | 0.033 | 0.013 | 0.761 | 0.096 |
| 0021890U/2019 | 1.372 | -0.054 | 0.012 | 0.000 | 0.750 | 0.001 |
| 0021939X/2019 | -0.679 | -0.135 | 0.003 | 0.000 | 0.959 | 0.038 |
| 0021958T/2019 | -0.204 | 0.293 | 0.000 | 0.002 | 0.318 | 0.657 |
| 0021964Z/2019 | 0.610 | 1.263 | 0.002 | 0.031 | 0.186 | 0.797 |
| 0021998L/2019 | -0.399 | 0.270 | 0.001 | 0.001 | 0.674 | 0.309 |
| 0022017G/2019 | 1.084 | -0.105 | 0.007 | 0.000 | 0.710 | 0.007 |
| 0022022M/2019 | -0.534 | 0.002 | 0.002 | 0.000 | 0.946 | 0.000 |
| 0022044L/2019 | -0.642 | 0.050 | 0.003 | 0.000 | 0.994 | 0.006 |
| 0022049S/2019 | 0.789 | 2.811 | 0.004 | 0.154 | 0.073 | 0.924 |
| 0022108F/2019 | -0.720 | -0.176 | 0.003 | 0.001 | 0.942 | 0.056 |
| 0022134J/2019 | -0.183 | -0.097 | 0.000 | 0.000 | 0.518 | 0.145 |
| 0022184N/2019 | 0.817 | -0.711 | 0.004 | 0.010 | 0.403 | 0.305 |
| 0022185P/2019 | -0.725 | -0.277 | 0.003 | 0.001 | 0.869 | 0.127 |
| 0030025L/2019 | -0.565 | 0.026 | 0.002 | 0.000 | 0.994 | 0.002 |
| 0030026M/2019 | -0.619 | -0.173 | 0.002 | 0.001 | 0.927 | 0.073 |
| 0030038A/2019 | -0.581 | -0.188 | 0.002 | 0.001 | 0.902 | 0.095 |
| 0030051P/2019 | -0.517 | -0.230 | 0.002 | 0.001 | 0.831 | 0.165 |
| 0030061A/2019 | -0.824 | -0.245 | 0.004 | 0.001 | 0.918 | 0.081 |
| 0030094L/2019 | -0.683 | -0.220 | 0.003 | 0.001 | 0.905 | 0.094 |
| 0030098R/2019 | -0.363 | 0.186 | 0.001 | 0.001 | 0.764 | 0.201 |
| 0030858S/2019 | -0.789 | -0.431 | 0.004 | 0.004 | 0.770 | 0.230 |
| 0030877M/2019 | 3.697 | -0.594 | 0.084 | 0.007 | 0.800 | 0.021 |
| 0030878N/2019 | 4.499 | -0.724 | 0.124 | 0.010 | 0.809 | 0.021 |
| 0030888Z/2019 | -0.809 | -0.232 | 0.004 | 0.001 | 0.924 | 0.076 |
| 0030905T/2019 | -0.840 | -0.401 | 0.004 | 0.003 | 0.815 | 0.185 |
| 0030925P/2019 | -0.792 | -0.255 | 0.004 | 0.001 | 0.905 | 0.094 |
| 0030935A/2019 | -0.586 | -0.028 | 0.002 | 0.000 | 0.987 | 0.002 |
| 0030946M/2019 | 3.152 | -0.316 | 0.061 | 0.002 | 0.810 | 0.008 |
| 0030947N/2019 | -0.593 | 0.036 | 0.002 | 0.000 | 0.988 | 0.004 |
| 0031041R/2019 | -0.711 | -0.122 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0031043T/2019 | -0.610 | -0.052 | 0.002 | 0.000 | 0.981 | 0.007 |
| 0031060L/2019 | 0.005 | 0.708 | 0.000 | 0.010 | 0.000 | 1.000 |
| 0031082K/2019 | -0.314 | -0.221 | 0.001 | 0.001 | 0.549 | 0.271 |
| 0031092W/2019 | 0.385 | -0.006 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0031121C/2019 | 1.002 | 1.013 | 0.006 | 0.020 | 0.491 | 0.501 |
| 0031122D/2019 | 3.548 | 2.522 | 0.077 | 0.124 | 0.639 | 0.323 |
| 0040010P/2019 | -0.461 | -0.009 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0040027H/2019 | -0.457 | -0.206 | 0.001 | 0.001 | 0.827 | 0.168 |
| 0040056P/2019 | -0.636 | -0.217 | 0.002 | 0.001 | 0.890 | 0.103 |
| 0040464H/2019 | 3.722 | -1.418 | 0.085 | 0.039 | 0.717 | 0.104 |
| 0040490L/2019 | -0.643 | -0.093 | 0.003 | 0.000 | 0.977 | 0.020 |
| 0040522W/2019 | 0.181 | 0.013 | 0.000 | 0.000 | 0.678 | 0.003 |
| 0040533H/2019 | -0.707 | -0.206 | 0.003 | 0.001 | 0.918 | 0.078 |
| 0050003B/2019 | -0.790 | -0.257 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0050004C/2019 | -0.268 | -0.051 | 0.000 | 0.000 | 0.766 | 0.028 |
| 0050005D/2019 | -0.743 | -0.256 | 0.003 | 0.001 | 0.892 | 0.106 |
| 0050006E/2019 | -0.520 | -0.056 | 0.002 | 0.000 | 0.988 | 0.011 |
| 0050007F/2019 | -0.570 | -0.097 | 0.002 | 0.000 | 0.970 | 0.028 |
| 0050566N/2019 | 3.273 | -1.365 | 0.066 | 0.036 | 0.697 | 0.121 |
| 0050567P/2019 | 3.689 | -1.496 | 0.084 | 0.044 | 0.704 | 0.116 |
| 0050604E/2019 | 0.206 | 0.642 | 0.000 | 0.008 | 0.093 | 0.906 |
| 0050607H/2019 | 0.238 | 0.734 | 0.000 | 0.011 | 0.093 | 0.888 |
| 0060001U/2019 | -0.218 | -0.254 | 0.000 | 0.001 | 0.399 | 0.538 |
| 0060009C/2019 | 0.020 | -0.167 | 0.000 | 0.001 | 0.012 | 0.813 |
| 0060011E/2019 | -0.381 | -0.400 | 0.001 | 0.003 | 0.476 | 0.523 |
| 0060013G/2019 | -0.188 | -0.286 | 0.000 | 0.002 | 0.295 | 0.684 |
| 0060014H/2019 | -0.503 | -0.158 | 0.002 | 0.000 | 0.903 | 0.089 |
| 0060015J/2019 | -0.564 | -0.327 | 0.002 | 0.002 | 0.724 | 0.244 |
| 0060020P/2019 | -0.388 | -0.159 | 0.001 | 0.000 | 0.856 | 0.144 |
| 0060022S/2019 | -0.686 | -0.290 | 0.003 | 0.002 | 0.847 | 0.152 |
| 0060023T/2019 | -0.506 | -0.153 | 0.002 | 0.000 | 0.908 | 0.083 |
| 0060026W/2019 | -0.653 | -0.141 | 0.003 | 0.000 | 0.953 | 0.044 |
| 0060029Z/2019 | 0.622 | -0.360 | 0.002 | 0.003 | 0.650 | 0.217 |
| 0060030A/2019 | 0.687 | 0.526 | 0.003 | 0.005 | 0.628 | 0.368 |
| 0060031B/2019 | 0.534 | -0.335 | 0.002 | 0.002 | 0.673 | 0.265 |
| 0060033D/2019 | -0.232 | -0.068 | 0.000 | 0.000 | 0.750 | 0.065 |
| 0060034E/2019 | 0.207 | 0.477 | 0.000 | 0.004 | 0.139 | 0.740 |
| 0060038J/2019 | -0.705 | -0.267 | 0.003 | 0.001 | 0.874 | 0.125 |
| 0060042N/2019 | -0.068 | -0.331 | 0.000 | 0.002 | 0.034 | 0.806 |
| 0060075Z/2019 | -0.492 | -0.036 | 0.001 | 0.000 | 0.975 | 0.005 |
| 0060670W/2019 | -0.181 | 0.366 | 0.000 | 0.003 | 0.174 | 0.714 |
| 0060673Z/2019 | -0.359 | -0.025 | 0.001 | 0.000 | 0.987 | 0.005 |
| 0060674A/2019 | -0.698 | -0.126 | 0.003 | 0.000 | 0.968 | 0.032 |
| 0060677D/2019 | -0.395 | -0.017 | 0.001 | 0.000 | 0.891 | 0.002 |
| 0060735S/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0060774J/2019 | -0.632 | -0.148 | 0.002 | 0.000 | 0.947 | 0.052 |
| 0060793E/2019 | -0.625 | -0.098 | 0.002 | 0.000 | 0.975 | 0.024 |
| 0060807V/2019 | 9.083 | 15.818 | 0.507 | 4.882 | 0.248 | 0.751 |
| 0060914L/2019 | 1.448 | 0.886 | 0.013 | 0.015 | 0.727 | 0.273 |
| 0060931E/2019 | 0.609 | 1.469 | 0.002 | 0.042 | 0.146 | 0.848 |
| 0061213L/2019 | 5.319 | -1.071 | 0.174 | 0.022 | 0.798 | 0.032 |
| 0061292X/2019 | 5.144 | -0.501 | 0.163 | 0.005 | 0.826 | 0.008 |
| 0061478Z/2019 | -0.641 | -0.253 | 0.003 | 0.001 | 0.864 | 0.135 |
| 0061492P/2019 | 3.325 | -0.494 | 0.068 | 0.005 | 0.796 | 0.018 |
| 0061493R/2019 | 6.404 | -1.058 | 0.252 | 0.022 | 0.813 | 0.022 |
| 0061496U/2019 | -0.519 | 0.043 | 0.002 | 0.000 | 0.967 | 0.007 |
| 0061642C/2019 | 0.139 | 0.555 | 0.000 | 0.006 | 0.059 | 0.936 |
| 0061643D/2019 | 0.234 | 1.985 | 0.000 | 0.077 | 0.014 | 0.985 |
| 0061661Y/2019 | 4.775 | -0.268 | 0.140 | 0.001 | 0.974 | 0.003 |
| 0061691F/2019 | -0.451 | -0.172 | 0.001 | 0.001 | 0.863 | 0.125 |
| 0061760F/2019 | -0.402 | -0.220 | 0.001 | 0.001 | 0.708 | 0.212 |
| 0061763J/2019 | -0.611 | -0.158 | 0.002 | 0.000 | 0.929 | 0.062 |
| 0061817T/2019 | 0.030 | 0.329 | 0.000 | 0.002 | 0.008 | 0.948 |
| 0061841U/2019 | 1.144 | 0.090 | 0.008 | 0.000 | 0.945 | 0.006 |
| 0061852F/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0061887U/2019 | 0.089 | -0.215 | 0.000 | 0.001 | 0.047 | 0.275 |
| 0061899G/2019 | 3.275 | -1.310 | 0.066 | 0.033 | 0.696 | 0.111 |
| 0061987C/2019 | -0.747 | -0.325 | 0.003 | 0.002 | 0.841 | 0.159 |
| 0062015H/2019 | -0.622 | -0.220 | 0.002 | 0.001 | 0.875 | 0.110 |
| 0062089N/2019 | -0.641 | -0.304 | 0.003 | 0.002 | 0.812 | 0.183 |
| 0062104E/2019 | -0.250 | 0.468 | 0.000 | 0.004 | 0.213 | 0.746 |
| 0070001N/2019 | -0.595 | -0.205 | 0.002 | 0.001 | 0.893 | 0.106 |
| 0070003R/2019 | -0.671 | -0.241 | 0.003 | 0.001 | 0.884 | 0.114 |
| 0070004S/2019 | -0.590 | -0.166 | 0.002 | 0.001 | 0.910 | 0.072 |
| 0070021K/2019 | -0.328 | -0.101 | 0.001 | 0.000 | 0.752 | 0.072 |
| 0070029U/2019 | -0.430 | -0.070 | 0.001 | 0.000 | 0.932 | 0.025 |
| 0070064G/2019 | -0.735 | -0.221 | 0.003 | 0.001 | 0.917 | 0.083 |
| 0070071P/2019 | -0.752 | -0.215 | 0.003 | 0.001 | 0.923 | 0.075 |
| 0071125K/2019 | -0.463 | -0.178 | 0.001 | 0.001 | 0.870 | 0.128 |
| 0071126L/2019 | -0.629 | -0.113 | 0.002 | 0.000 | 0.966 | 0.031 |
| 0071231A/2019 | -0.758 | -0.125 | 0.004 | 0.000 | 0.974 | 0.026 |
| 0071301B/2019 | 2.088 | -0.580 | 0.027 | 0.007 | 0.715 | 0.055 |
| 0071302C/2019 | 3.349 | -1.282 | 0.069 | 0.032 | 0.709 | 0.104 |
| 0071351F/2019 | -0.649 | -0.142 | 0.003 | 0.000 | 0.951 | 0.045 |
| 0071394C/2019 | 3.317 | -0.988 | 0.068 | 0.019 | 0.747 | 0.066 |
| 0071445H/2019 | -0.848 | -0.436 | 0.004 | 0.004 | 0.791 | 0.209 |
| 0080007P/2019 | -0.378 | -0.097 | 0.001 | 0.000 | 0.822 | 0.055 |
| 0080008R/2019 | -0.788 | -0.272 | 0.004 | 0.001 | 0.894 | 0.106 |
| 0080010T/2019 | -0.405 | -0.026 | 0.001 | 0.000 | 0.961 | 0.004 |
| 0080027L/2019 | -0.588 | -0.065 | 0.002 | 0.000 | 0.987 | 0.012 |
| 0080039Z/2019 | -0.706 | -0.123 | 0.003 | 0.000 | 0.970 | 0.030 |
| 0080045F/2019 | -0.528 | -0.110 | 0.002 | 0.000 | 0.945 | 0.041 |
| 0080047H/2019 | -0.774 | -0.209 | 0.004 | 0.001 | 0.932 | 0.068 |
| 0080804F/2019 | -0.729 | -0.206 | 0.003 | 0.001 | 0.926 | 0.074 |
| 0080863V/2019 | -0.451 | -0.067 | 0.001 | 0.000 | 0.977 | 0.022 |
| 0080918E/2019 | 1.097 | 0.228 | 0.007 | 0.001 | 0.716 | 0.031 |
| 0081045T/2019 | -0.587 | 0.180 | 0.002 | 0.001 | 0.913 | 0.086 |
| 0081047V/2019 | -0.423 | 0.271 | 0.001 | 0.001 | 0.703 | 0.288 |
| 0081084K/2019 | -0.184 | 0.380 | 0.000 | 0.003 | 0.190 | 0.809 |
| 0090002D/2019 | -0.544 | -0.175 | 0.002 | 0.001 | 0.892 | 0.093 |
| 0090003E/2019 | -0.721 | -0.333 | 0.003 | 0.002 | 0.824 | 0.176 |
| 0090006H/2019 | -0.695 | -0.288 | 0.003 | 0.002 | 0.853 | 0.147 |
| 0090013R/2019 | -0.759 | -0.250 | 0.004 | 0.001 | 0.901 | 0.098 |
| 0090015T/2019 | -0.638 | -0.046 | 0.003 | 0.000 | 0.995 | 0.005 |
| 0090018W/2019 | -0.598 | -0.263 | 0.002 | 0.001 | 0.815 | 0.158 |
| 0090022A/2019 | -0.535 | -0.126 | 0.002 | 0.000 | 0.937 | 0.052 |
| 0090559J/2019 | 4.884 | -1.395 | 0.147 | 0.038 | 0.765 | 0.062 |
| 0090660U/2019 | -0.434 | 0.428 | 0.001 | 0.004 | 0.505 | 0.491 |
| 0100004A/2019 | -0.825 | -0.335 | 0.004 | 0.002 | 0.859 | 0.141 |
| 0100015M/2019 | -0.609 | -0.156 | 0.002 | 0.000 | 0.937 | 0.061 |
| 0100022V/2019 | -0.292 | -0.046 | 0.001 | 0.000 | 0.950 | 0.024 |
| 0100023W/2019 | -0.471 | -0.057 | 0.001 | 0.000 | 0.959 | 0.014 |
| 0100025Y/2019 | -0.640 | -0.173 | 0.003 | 0.001 | 0.931 | 0.068 |
| 0100059K/2019 | -0.715 | -0.180 | 0.003 | 0.001 | 0.940 | 0.060 |
| 0100684P/2019 | 0.301 | 0.733 | 0.001 | 0.010 | 0.144 | 0.855 |
| 0100687T/2019 | -0.528 | -0.044 | 0.002 | 0.000 | 0.978 | 0.007 |
| 0100734U/2019 | -0.672 | 0.060 | 0.003 | 0.000 | 0.991 | 0.008 |
| 0100735V/2019 | -0.672 | -0.083 | 0.003 | 0.000 | 0.984 | 0.015 |
| 0100852X/2019 | 1.708 | -0.035 | 0.018 | 0.000 | 0.765 | 0.000 |
| 0100945Y/2019 | -0.834 | -0.242 | 0.004 | 0.001 | 0.922 | 0.077 |
| 0101016A/2019 | -0.443 | -0.043 | 0.001 | 0.000 | 0.971 | 0.009 |
| 0101022G/2019 | -0.801 | -0.252 | 0.004 | 0.001 | 0.909 | 0.090 |
| 0101037Y/2019 | 0.258 | 1.688 | 0.000 | 0.056 | 0.023 | 0.976 |
| 0101060Y/2019 | 4.392 | 2.441 | 0.119 | 0.116 | 0.744 | 0.230 |
| 0101131A/2019 | 1.687 | -0.386 | 0.017 | 0.003 | 0.892 | 0.047 |
| 0110004V/2019 | -0.537 | -0.012 | 0.002 | 0.000 | 0.999 | 0.001 |
| 0110007Y/2019 | -0.605 | -0.201 | 0.002 | 0.001 | 0.900 | 0.099 |
| 0110012D/2019 | -0.580 | -0.120 | 0.002 | 0.000 | 0.954 | 0.041 |
| 0110019L/2019 | -0.677 | -0.240 | 0.003 | 0.001 | 0.887 | 0.111 |
| 0110022P/2019 | 0.369 | -0.357 | 0.001 | 0.002 | 0.290 | 0.272 |
| 0110023R/2019 | -0.443 | -0.045 | 0.001 | 0.000 | 0.988 | 0.010 |
| 0110045P/2019 | -0.584 | 0.050 | 0.002 | 0.000 | 0.992 | 0.007 |
| 0110669T/2019 | -0.463 | -0.181 | 0.001 | 0.001 | 0.867 | 0.133 |
| 0110670U/2019 | -0.447 | -0.098 | 0.001 | 0.000 | 0.858 | 0.041 |
| 0110815B/2019 | 7.140 | -2.106 | 0.313 | 0.087 | 0.767 | 0.067 |
| 0110816C/2019 | 7.835 | -2.343 | 0.377 | 0.107 | 0.767 | 0.069 |
| 0110942P/2019 | -0.573 | -0.325 | 0.002 | 0.002 | 0.739 | 0.238 |
| 0110982H/2019 | -0.012 | 0.002 | 0.000 | 0.000 | 0.118 | 0.004 |
| 0110983J/2019 | 0.628 | 0.035 | 0.002 | 0.000 | 0.716 | 0.002 |
| 0110986M/2019 | 0.737 | 2.005 | 0.003 | 0.078 | 0.118 | 0.875 |
| 0111024D/2019 | -0.738 | -0.172 | 0.003 | 0.001 | 0.948 | 0.051 |
| 0111043Z/2019 | -0.397 | -0.008 | 0.001 | 0.000 | 0.910 | 0.000 |
| 0120006S/2019 | -0.723 | -0.289 | 0.003 | 0.002 | 0.862 | 0.138 |
| 0120012Y/2019 | -0.688 | -0.236 | 0.003 | 0.001 | 0.893 | 0.105 |
| 0120022J/2019 | -0.399 | -0.229 | 0.001 | 0.001 | 0.735 | 0.243 |
| 0120024L/2019 | -0.609 | -0.096 | 0.002 | 0.000 | 0.976 | 0.024 |
| 0120025M/2019 | -0.706 | -0.126 | 0.003 | 0.000 | 0.966 | 0.031 |
| 0120031U/2019 | -0.633 | -0.255 | 0.002 | 0.001 | 0.859 | 0.139 |
| 0120096P/2019 | -0.774 | -0.316 | 0.004 | 0.002 | 0.856 | 0.143 |
| 0120621K/2019 | -0.680 | -0.238 | 0.003 | 0.001 | 0.888 | 0.109 |
| 0120870F/2019 | 0.209 | 0.079 | 0.000 | 0.000 | 0.647 | 0.092 |
| 0120920K/2019 | 5.039 | -1.338 | 0.156 | 0.035 | 0.775 | 0.055 |
| 0120936C/2019 | -0.684 | 0.064 | 0.003 | 0.000 | 0.991 | 0.009 |
| 0120937D/2019 | -0.554 | -0.164 | 0.002 | 0.001 | 0.911 | 0.080 |
| 0120938E/2019 | -0.444 | -0.119 | 0.001 | 0.000 | 0.902 | 0.065 |
| 0121235C/2019 | 5.552 | -1.483 | 0.189 | 0.043 | 0.778 | 0.056 |
| 0121291N/2019 | -0.699 | -0.020 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0121298W/2019 | -0.327 | 0.568 | 0.001 | 0.006 | 0.248 | 0.750 |
| 0121367W/2019 | -0.652 | 0.071 | 0.003 | 0.000 | 0.988 | 0.012 |
| 0121423G/2019 | -0.728 | -0.279 | 0.003 | 0.002 | 0.871 | 0.128 |
| 0121471J/2019 | 0.216 | 0.923 | 0.000 | 0.017 | 0.052 | 0.948 |
| 0130001F/2019 | 0.017 | -0.258 | 0.000 | 0.001 | 0.002 | 0.575 |
| 0130002G/2019 | 0.223 | 0.209 | 0.000 | 0.001 | 0.522 | 0.459 |
| 0130003H/2019 | -0.438 | -0.083 | 0.001 | 0.000 | 0.906 | 0.032 |
| 0130006L/2019 | 0.560 | -0.538 | 0.002 | 0.006 | 0.487 | 0.450 |
| 0130010R/2019 | -0.407 | -0.221 | 0.001 | 0.001 | 0.758 | 0.224 |
| 0130011S/2019 | -0.648 | -0.146 | 0.003 | 0.000 | 0.943 | 0.048 |
| 0130036U/2019 | 0.743 | -0.193 | 0.003 | 0.001 | 0.849 | 0.057 |
| 0130037V/2019 | 0.248 | -0.237 | 0.000 | 0.001 | 0.367 | 0.336 |
| 0130039X/2019 | 0.011 | 0.070 | 0.000 | 0.000 | 0.006 | 0.245 |
| 0130040Y/2019 | 0.392 | 0.368 | 0.001 | 0.003 | 0.525 | 0.462 |
| 0130043B/2019 | 0.241 | -0.259 | 0.000 | 0.001 | 0.379 | 0.438 |
| 0130048G/2019 | -0.114 | -0.320 | 0.000 | 0.002 | 0.086 | 0.685 |
| 0130049H/2019 | -0.510 | -0.234 | 0.002 | 0.001 | 0.810 | 0.170 |
| 0130050J/2019 | -0.485 | -0.300 | 0.001 | 0.002 | 0.723 | 0.276 |
| 0130051K/2019 | 0.078 | -0.214 | 0.000 | 0.001 | 0.058 | 0.438 |
| 0130053M/2019 | -0.434 | -0.080 | 0.001 | 0.000 | 0.961 | 0.033 |
| 0130057S/2019 | -0.654 | -0.304 | 0.003 | 0.002 | 0.819 | 0.177 |
| 0130058T/2019 | -0.700 | -0.126 | 0.003 | 0.000 | 0.969 | 0.031 |
| 0130059U/2019 | -0.554 | -0.422 | 0.002 | 0.003 | 0.627 | 0.363 |
| 0130062X/2019 | -0.820 | -0.247 | 0.004 | 0.001 | 0.917 | 0.083 |
| 0130063Y/2019 | -0.128 | -0.445 | 0.000 | 0.004 | 0.047 | 0.563 |
| 0130064Z/2019 | -0.188 | -0.270 | 0.000 | 0.001 | 0.219 | 0.454 |
| 0130065A/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0130071G/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0130072H/2019 | -0.754 | -0.001 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0130143K/2019 | -0.508 | -0.181 | 0.002 | 0.001 | 0.882 | 0.112 |
| 0130160D/2019 | -0.417 | -0.008 | 0.001 | 0.000 | 0.989 | 0.000 |
| 0130161E/2019 | -0.305 | -0.156 | 0.001 | 0.000 | 0.749 | 0.196 |
| 0130172S/2019 | -0.249 | -0.428 | 0.000 | 0.004 | 0.208 | 0.613 |
| 0130175V/2019 | 0.303 | -0.251 | 0.001 | 0.001 | 0.326 | 0.222 |
| 0130189K/2019 | -0.556 | -0.199 | 0.002 | 0.001 | 0.885 | 0.113 |
| 0130202Z/2019 | -0.464 | 0.098 | 0.001 | 0.000 | 0.908 | 0.041 |
| 0130235K/2019 | -0.370 | 0.142 | 0.001 | 0.000 | 0.815 | 0.121 |
| 0130236L/2019 | 1.761 | 1.755 | 0.019 | 0.060 | 0.497 | 0.494 |
| 0131319N/2019 | -0.328 | 0.180 | 0.001 | 0.001 | 0.753 | 0.226 |
| 0131331B/2019 | -0.536 | -0.072 | 0.002 | 0.000 | 0.976 | 0.018 |
| 0131339K/2019 | -0.522 | 0.012 | 0.002 | 0.000 | 0.992 | 0.000 |
| 0131341M/2019 | -0.516 | 0.061 | 0.002 | 0.000 | 0.984 | 0.014 |
| 0131391S/2019 | -0.644 | -0.170 | 0.003 | 0.001 | 0.935 | 0.065 |
| 0131398Z/2019 | -0.350 | 0.012 | 0.001 | 0.000 | 0.980 | 0.001 |
| 0131402D/2019 | -0.521 | -0.062 | 0.002 | 0.000 | 0.977 | 0.014 |
| 0131403E/2019 | -0.560 | -0.157 | 0.002 | 0.000 | 0.919 | 0.073 |
| 0131433M/2019 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0131436R/2019 | -0.775 | -0.262 | 0.004 | 0.001 | 0.897 | 0.103 |
| 0131456M/2019 | -0.560 | -0.221 | 0.002 | 0.001 | 0.817 | 0.127 |
| 0131485U/2019 | -0.615 | -0.257 | 0.002 | 0.001 | 0.827 | 0.144 |
| 0131549N/2019 | -0.220 | -0.088 | 0.000 | 0.000 | 0.826 | 0.132 |
| 0131596P/2019 | -0.369 | -0.112 | 0.001 | 0.000 | 0.887 | 0.081 |
| 0131606A/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0131656E/2019 | -0.295 | -0.163 | 0.001 | 0.001 | 0.767 | 0.233 |
| 0131681G/2019 | -0.384 | 0.070 | 0.001 | 0.000 | 0.899 | 0.030 |
| 0131684K/2019 | -0.398 | -0.018 | 0.001 | 0.000 | 0.970 | 0.002 |
| 0131690S/2019 | -0.734 | -0.141 | 0.003 | 0.000 | 0.964 | 0.036 |
| 0131842G/2019 | 2.204 | 3.681 | 0.030 | 0.264 | 0.264 | 0.736 |
| 0131862D/2019 | -0.572 | 0.028 | 0.002 | 0.000 | 0.997 | 0.002 |
| 0132010P/2019 | -0.730 | -0.010 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0132123M/2019 | 0.699 | 1.449 | 0.003 | 0.041 | 0.186 | 0.800 |
| 0132210G/2019 | -0.634 | -0.150 | 0.002 | 0.000 | 0.943 | 0.053 |
| 0132246A/2019 | -0.516 | -0.431 | 0.002 | 0.004 | 0.585 | 0.407 |
| 0132300E/2019 | -0.498 | 0.181 | 0.002 | 0.001 | 0.883 | 0.117 |
| 0132410Z/2019 | -0.267 | -0.072 | 0.000 | 0.000 | 0.896 | 0.066 |
| 0132495S/2019 | -0.367 | -0.038 | 0.001 | 0.000 | 0.955 | 0.010 |
| 0132733A/2019 | -0.491 | -0.169 | 0.001 | 0.001 | 0.887 | 0.106 |
| 0132820V/2019 | 7.189 | -2.018 | 0.318 | 0.079 | 0.779 | 0.061 |
| 0132828D/2019 | -0.385 | -0.018 | 0.001 | 0.000 | 0.956 | 0.002 |
| 0132922F/2019 | -0.593 | -0.063 | 0.002 | 0.000 | 0.986 | 0.011 |
| 0132927L/2019 | 8.560 | -2.697 | 0.450 | 0.142 | 0.763 | 0.076 |
| 0132930P/2019 | 5.914 | -2.125 | 0.215 | 0.088 | 0.731 | 0.094 |
| 0132931R/2019 | 6.525 | -2.304 | 0.262 | 0.104 | 0.744 | 0.093 |
| 0132932S/2019 | 6.025 | -2.091 | 0.223 | 0.085 | 0.741 | 0.089 |
| 0132933T/2019 | 6.198 | -2.198 | 0.236 | 0.094 | 0.736 | 0.093 |
| 0132937X/2019 | 7.886 | -1.691 | 0.382 | 0.056 | 0.810 | 0.037 |
| 0132939Z/2019 | 8.623 | -2.332 | 0.457 | 0.106 | 0.789 | 0.058 |
| 0132940A/2019 | 8.613 | -1.072 | 0.456 | 0.022 | 0.843 | 0.013 |
| 0132943D/2019 | 8.425 | -1.383 | 0.436 | 0.037 | 0.828 | 0.022 |
| 0132963A/2019 | 8.457 | -1.747 | 0.439 | 0.060 | 0.814 | 0.035 |
| 0132972K/2019 | 0.132 | -0.071 | 0.000 | 0.000 | 0.163 | 0.047 |
| 0132974M/2019 | 0.118 | 0.174 | 0.000 | 0.001 | 0.161 | 0.349 |
| 0133015G/2019 | -0.533 | -0.278 | 0.002 | 0.002 | 0.767 | 0.209 |
| 0133244F/2019 | -0.637 | -0.293 | 0.002 | 0.002 | 0.816 | 0.173 |
| 0133288D/2019 | 0.010 | -0.161 | 0.000 | 0.001 | 0.002 | 0.460 |
| 0133305X/2019 | -0.468 | 0.185 | 0.001 | 0.001 | 0.853 | 0.133 |
| 0133314G/2019 | -0.804 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0133334D/2019 | -0.487 | -0.088 | 0.001 | 0.000 | 0.955 | 0.031 |
| 0133383G/2019 | -0.480 | -0.106 | 0.001 | 0.000 | 0.907 | 0.044 |
| 0133396W/2019 | -0.743 | -0.274 | 0.003 | 0.001 | 0.879 | 0.119 |
| 0133425C/2019 | -0.615 | -0.314 | 0.002 | 0.002 | 0.792 | 0.207 |
| 0133479L/2019 | 0.216 | 0.111 | 0.000 | 0.000 | 0.789 | 0.209 |
| 0133502L/2019 | -0.072 | 0.583 | 0.000 | 0.007 | 0.013 | 0.859 |
| 0133522H/2019 | 0.378 | 0.879 | 0.001 | 0.015 | 0.148 | 0.797 |
| 0133525L/2019 | 0.918 | -0.458 | 0.005 | 0.004 | 0.747 | 0.186 |
| 0133648V/2019 | 0.382 | 0.862 | 0.001 | 0.015 | 0.161 | 0.818 |
| 0133682G/2019 | 5.457 | 0.052 | 0.183 | 0.000 | 0.976 | 0.000 |
| 0133686L/2019 | 0.385 | 0.072 | 0.001 | 0.000 | 0.638 | 0.022 |
| 0133944S/2019 | -0.468 | -0.171 | 0.001 | 0.001 | 0.860 | 0.115 |
| 0134003F/2019 | 0.142 | -0.195 | 0.000 | 0.001 | 0.092 | 0.173 |
| 0134029J/2019 | -0.699 | -0.020 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0134061U/2019 | 1.220 | 0.580 | 0.009 | 0.007 | 0.815 | 0.184 |
| 0134155W/2019 | -0.644 | -0.145 | 0.003 | 0.000 | 0.952 | 0.048 |
| 0134260K/2019 | 7.165 | -2.614 | 0.315 | 0.133 | 0.743 | 0.099 |
| 0140013N/2019 | 0.251 | 0.629 | 0.000 | 0.008 | 0.136 | 0.852 |
| 0140014P/2019 | 0.171 | -0.269 | 0.000 | 0.001 | 0.248 | 0.611 |
| 0140017T/2019 | -0.202 | -0.150 | 0.000 | 0.000 | 0.521 | 0.286 |
| 0140018U/2019 | -0.659 | -0.212 | 0.003 | 0.001 | 0.906 | 0.093 |
| 0140019V/2019 | -0.256 | -0.358 | 0.000 | 0.003 | 0.309 | 0.606 |
| 0140043W/2019 | 0.032 | -0.145 | 0.000 | 0.000 | 0.010 | 0.222 |
| 0140052F/2019 | -0.602 | -0.193 | 0.002 | 0.001 | 0.904 | 0.093 |
| 0141112H/2019 | -0.576 | -0.072 | 0.002 | 0.000 | 0.984 | 0.016 |
| 0141161L/2019 | -0.673 | -0.135 | 0.003 | 0.000 | 0.961 | 0.039 |
| 0141164P/2019 | -0.637 | -0.148 | 0.002 | 0.000 | 0.948 | 0.051 |
| 0141175B/2019 | -0.720 | -0.160 | 0.003 | 0.000 | 0.951 | 0.047 |
| 0141178E/2019 | -0.417 | -0.183 | 0.001 | 0.001 | 0.826 | 0.158 |
| 0141234R/2019 | 0.853 | 0.472 | 0.004 | 0.004 | 0.750 | 0.230 |
| 0141274J/2019 | -0.618 | -0.272 | 0.002 | 0.001 | 0.837 | 0.162 |
| 0141275K/2019 | -0.620 | -0.253 | 0.002 | 0.001 | 0.858 | 0.142 |
| 0141408E/2019 | 0.656 | 1.820 | 0.003 | 0.065 | 0.115 | 0.883 |
| 0141418R/2019 | -0.435 | -0.211 | 0.001 | 0.001 | 0.788 | 0.186 |
| 0141555P/2019 | -0.304 | -0.233 | 0.001 | 0.001 | 0.496 | 0.291 |
| 0141687H/2019 | -0.688 | -0.261 | 0.003 | 0.001 | 0.868 | 0.125 |
| 0141689K/2019 | 2.461 | -0.681 | 0.037 | 0.009 | 0.734 | 0.056 |
| 0141721V/2019 | 4.311 | 0.046 | 0.114 | 0.000 | 0.833 | 0.000 |
| 0141796B/2019 | -0.157 | -0.180 | 0.000 | 0.001 | 0.411 | 0.541 |
| 0141856S/2019 | 1.714 | -0.606 | 0.018 | 0.007 | 0.685 | 0.085 |
| 0141857T/2019 | 1.773 | -0.536 | 0.019 | 0.006 | 0.707 | 0.065 |
| 0141872J/2019 | -0.695 | 0.068 | 0.003 | 0.000 | 0.990 | 0.009 |
| 0141904U/2019 | -0.687 | -0.023 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0141991N/2019 | -0.718 | -0.121 | 0.003 | 0.000 | 0.973 | 0.027 |
| 0142059M/2019 | 0.423 | 0.780 | 0.001 | 0.012 | 0.226 | 0.766 |
| 0142081L/2019 | -0.545 | 0.003 | 0.002 | 0.000 | 0.981 | 0.000 |
| 0142084P/2019 | -0.470 | -0.179 | 0.001 | 0.001 | 0.810 | 0.118 |
| 0142107P/2019 | -0.279 | 0.163 | 0.000 | 0.001 | 0.728 | 0.249 |
| 0142108R/2019 | -0.737 | -0.123 | 0.003 | 0.000 | 0.973 | 0.027 |
| 0142131R/2019 | -0.651 | -0.207 | 0.003 | 0.001 | 0.903 | 0.091 |
| 0142132S/2019 | -0.571 | -0.079 | 0.002 | 0.000 | 0.979 | 0.019 |
| 0142133T/2019 | -0.621 | -0.312 | 0.002 | 0.002 | 0.798 | 0.202 |
| 0142179T/2019 | -0.050 | 0.130 | 0.000 | 0.000 | 0.129 | 0.862 |
| 0142182W/2019 | 0.092 | 0.154 | 0.000 | 0.000 | 0.116 | 0.328 |
| 0142218K/2019 | 0.363 | 0.032 | 0.001 | 0.000 | 0.922 | 0.007 |
| 0142257C/2019 | -0.118 | 0.177 | 0.000 | 0.001 | 0.286 | 0.639 |
| 0142326C/2019 | -0.257 | -0.248 | 0.000 | 0.001 | 0.390 | 0.362 |
| 0142428N/2019 | -0.497 | -0.090 | 0.002 | 0.000 | 0.949 | 0.031 |
| 0150006A/2019 | -0.659 | -0.191 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0150030B/2019 | -0.617 | -0.259 | 0.002 | 0.001 | 0.845 | 0.149 |
| 0150037J/2019 | -0.697 | -0.174 | 0.003 | 0.001 | 0.941 | 0.059 |
| 0150047V/2019 | -0.674 | -0.245 | 0.003 | 0.001 | 0.880 | 0.116 |
| 0150599V/2019 | -0.658 | -0.068 | 0.003 | 0.000 | 0.989 | 0.011 |
| 0150634H/2019 | 3.660 | -0.565 | 0.082 | 0.006 | 0.804 | 0.019 |
| 0150688S/2019 | -0.741 | -0.218 | 0.003 | 0.001 | 0.918 | 0.080 |
| 0150746E/2019 | 0.001 | 0.163 | 0.000 | 0.001 | 0.000 | 0.849 |
| 0150747F/2019 | -0.718 | -0.263 | 0.003 | 0.001 | 0.881 | 0.119 |
| 0160002R/2019 | -0.413 | 0.209 | 0.001 | 0.001 | 0.779 | 0.199 |
| 0160003S/2019 | -0.335 | -0.176 | 0.001 | 0.001 | 0.731 | 0.203 |
| 0160004T/2019 | -0.494 | -0.325 | 0.001 | 0.002 | 0.681 | 0.295 |
| 0160006V/2019 | -0.740 | -0.255 | 0.003 | 0.001 | 0.894 | 0.106 |
| 0160010Z/2019 | -0.654 | -0.213 | 0.003 | 0.001 | 0.904 | 0.096 |
| 0160020K/2019 | -0.655 | -0.193 | 0.003 | 0.001 | 0.918 | 0.080 |
| 0160022M/2019 | -0.670 | -0.207 | 0.003 | 0.001 | 0.912 | 0.087 |
| 0160036C/2019 | -0.830 | -0.297 | 0.004 | 0.002 | 0.887 | 0.113 |
| 0160048R/2019 | -0.843 | -0.292 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0160049S/2019 | -0.780 | -0.312 | 0.004 | 0.002 | 0.860 | 0.137 |
| 0160079Z/2019 | -0.666 | -0.137 | 0.003 | 0.000 | 0.958 | 0.040 |
| 0160083D/2019 | -0.776 | -0.172 | 0.004 | 0.001 | 0.953 | 0.047 |
| 0160119T/2019 | -0.784 | -0.259 | 0.004 | 0.001 | 0.901 | 0.099 |
| 0160862A/2019 | -0.637 | -0.255 | 0.002 | 0.001 | 0.861 | 0.138 |
| 0160980D/2019 | -0.708 | 0.037 | 0.003 | 0.000 | 0.997 | 0.003 |
| 0161002C/2019 | -0.516 | 0.454 | 0.002 | 0.004 | 0.563 | 0.437 |
| 0161003D/2019 | -0.714 | -0.122 | 0.003 | 0.000 | 0.972 | 0.028 |
| 0161051F/2019 | 3.345 | 0.545 | 0.069 | 0.006 | 0.822 | 0.022 |
| 0161095D/2019 | -0.213 | -0.497 | 0.000 | 0.005 | 0.155 | 0.844 |
| 0161125L/2019 | 0.018 | 0.180 | 0.000 | 0.001 | 0.008 | 0.780 |
| 0161138A/2019 | 0.307 | 1.139 | 0.001 | 0.025 | 0.068 | 0.932 |
| 0161192J/2019 | -0.422 | 0.206 | 0.001 | 0.001 | 0.787 | 0.187 |
| 0170020E/2019 | -0.719 | -0.256 | 0.003 | 0.001 | 0.887 | 0.113 |
| 0170022G/2019 | -0.362 | -0.174 | 0.001 | 0.001 | 0.795 | 0.184 |
| 0170025K/2019 | -0.734 | -0.273 | 0.003 | 0.001 | 0.874 | 0.121 |
| 0170027M/2019 | -0.294 | -0.114 | 0.001 | 0.000 | 0.741 | 0.111 |
| 0170028N/2019 | -0.371 | -0.080 | 0.001 | 0.000 | 0.955 | 0.045 |
| 0170029P/2019 | -0.592 | -0.076 | 0.002 | 0.000 | 0.968 | 0.016 |
| 0170042D/2019 | -0.121 | -0.202 | 0.000 | 0.001 | 0.127 | 0.356 |
| 0170051N/2019 | -0.505 | -0.039 | 0.002 | 0.000 | 0.990 | 0.006 |
| 0170058W/2019 | -0.389 | -0.118 | 0.001 | 0.000 | 0.829 | 0.076 |
| 0170060Y/2019 | -0.644 | -0.190 | 0.003 | 0.001 | 0.920 | 0.080 |
| 0170087C/2019 | -0.675 | -0.070 | 0.003 | 0.000 | 0.989 | 0.011 |
| 0170100S/2019 | -0.750 | -0.200 | 0.003 | 0.001 | 0.933 | 0.066 |
| 0170135E/2019 | -0.468 | -0.305 | 0.001 | 0.002 | 0.659 | 0.279 |
| 0170145R/2019 | 0.932 | 0.385 | 0.005 | 0.003 | 0.854 | 0.146 |
| 0170393K/2019 | -0.764 | -0.212 | 0.004 | 0.001 | 0.929 | 0.071 |
| 0171238D/2019 | -0.833 | -0.296 | 0.004 | 0.002 | 0.888 | 0.112 |
| 0171325Y/2019 | 3.950 | -1.274 | 0.096 | 0.032 | 0.733 | 0.076 |
| 0171327A/2019 | 3.533 | -0.842 | 0.077 | 0.014 | 0.764 | 0.043 |
| 0171405K/2019 | -0.042 | 0.726 | 0.000 | 0.010 | 0.003 | 0.993 |
| 0171418Z/2019 | 0.024 | -0.167 | 0.000 | 0.001 | 0.015 | 0.722 |
| 0171427J/2019 | 0.212 | 1.634 | 0.000 | 0.052 | 0.017 | 0.981 |
| 0171428K/2019 | -0.569 | -0.028 | 0.002 | 0.000 | 0.996 | 0.002 |
| 0171432P/2019 | -0.701 | -0.341 | 0.003 | 0.002 | 0.807 | 0.191 |
| 0171435T/2019 | 0.431 | 0.084 | 0.001 | 0.000 | 0.722 | 0.027 |
| 0171455P/2019 | -0.799 | -0.290 | 0.004 | 0.002 | 0.883 | 0.116 |
| 0171463Y/2019 | -0.077 | 0.570 | 0.000 | 0.006 | 0.018 | 0.969 |
| 0171499M/2019 | 5.871 | -0.729 | 0.212 | 0.010 | 0.817 | 0.013 |
| 0171623X/2019 | -0.388 | 0.051 | 0.001 | 0.000 | 0.928 | 0.016 |
| 0180005H/2019 | -0.458 | 0.007 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0180006J/2019 | -0.123 | -0.310 | 0.000 | 0.002 | 0.100 | 0.633 |
| 0180007K/2019 | -0.426 | -0.160 | 0.001 | 0.001 | 0.837 | 0.119 |
| 0180008L/2019 | -0.777 | -0.271 | 0.004 | 0.001 | 0.891 | 0.108 |
| 0180024D/2019 | -0.680 | -0.186 | 0.003 | 0.001 | 0.930 | 0.070 |
| 0180025E/2019 | -0.714 | -0.280 | 0.003 | 0.002 | 0.862 | 0.132 |
| 0180035R/2019 | -0.603 | -0.211 | 0.002 | 0.001 | 0.890 | 0.109 |
| 0180036S/2019 | -0.741 | -0.221 | 0.003 | 0.001 | 0.918 | 0.081 |
| 0180048E/2019 | -0.562 | -0.063 | 0.002 | 0.000 | 0.975 | 0.012 |
| 0180561M/2019 | -0.628 | -0.085 | 0.002 | 0.000 | 0.978 | 0.018 |
| 0180571Y/2019 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0180572Z/2019 | -0.751 | -0.250 | 0.003 | 0.001 | 0.897 | 0.099 |
| 0180584M/2019 | -0.194 | 0.383 | 0.000 | 0.003 | 0.200 | 0.783 |
| 0180585N/2019 | -0.676 | -0.134 | 0.003 | 0.000 | 0.962 | 0.038 |
| 0180808F/2019 | 2.830 | -0.231 | 0.049 | 0.001 | 0.801 | 0.005 |
| 0180809G/2019 | 2.706 | -0.846 | 0.045 | 0.014 | 0.720 | 0.070 |
| 0180860M/2019 | 0.842 | 0.533 | 0.004 | 0.006 | 0.708 | 0.284 |
| 0180887S/2019 | 0.432 | 1.748 | 0.001 | 0.060 | 0.057 | 0.937 |
| 0180923F/2019 | -0.775 | -0.405 | 0.004 | 0.003 | 0.786 | 0.214 |
| 0190010H/2019 | -0.700 | -0.229 | 0.003 | 0.001 | 0.901 | 0.096 |
| 0190011J/2019 | -0.659 | -0.226 | 0.003 | 0.001 | 0.886 | 0.105 |
| 0190012K/2019 | -0.497 | -0.209 | 0.002 | 0.001 | 0.838 | 0.148 |
| 0190018S/2019 | -0.611 | -0.141 | 0.002 | 0.000 | 0.940 | 0.050 |
| 0190027B/2019 | -0.796 | -0.309 | 0.004 | 0.002 | 0.869 | 0.131 |
| 0190032G/2019 | -0.620 | -0.223 | 0.002 | 0.001 | 0.883 | 0.114 |
| 0190038N/2019 | -0.465 | -0.269 | 0.001 | 0.001 | 0.687 | 0.230 |
| 0190071Z/2019 | -0.785 | -0.228 | 0.004 | 0.001 | 0.922 | 0.078 |
| 0190083M/2019 | -0.559 | 0.090 | 0.002 | 0.000 | 0.974 | 0.025 |
| 0190087S/2019 | -0.318 | 0.129 | 0.001 | 0.000 | 0.857 | 0.142 |
| 0190244M/2019 | -0.695 | -0.092 | 0.003 | 0.000 | 0.983 | 0.017 |
| 0190609J/2019 | -0.570 | -0.029 | 0.002 | 0.000 | 0.990 | 0.003 |
| 0190612M/2019 | 0.293 | 0.781 | 0.001 | 0.012 | 0.113 | 0.807 |
| 0190624A/2019 | -0.713 | -0.264 | 0.003 | 0.001 | 0.879 | 0.120 |
| 0190763B/2019 | 2.606 | -0.692 | 0.042 | 0.009 | 0.744 | 0.052 |
| 0190764C/2019 | 2.135 | -0.738 | 0.028 | 0.011 | 0.699 | 0.084 |
| 0190765D/2019 | 2.978 | -0.986 | 0.054 | 0.019 | 0.722 | 0.079 |
| 0190805X/2019 | -0.720 | -0.013 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0190855B/2019 | -0.213 | 0.423 | 0.000 | 0.003 | 0.201 | 0.792 |
| 0190862J/2019 | -0.423 | 0.144 | 0.001 | 0.000 | 0.878 | 0.102 |
| 0195014X/2019 | -0.001 | 0.786 | 0.000 | 0.012 | 0.000 | 0.998 |
| 0210003P/2019 | -0.127 | -0.310 | 0.000 | 0.002 | 0.114 | 0.683 |
| 0210006T/2019 | -0.183 | -0.078 | 0.000 | 0.000 | 0.477 | 0.086 |
| 0210015C/2019 | 0.307 | 0.458 | 0.001 | 0.004 | 0.306 | 0.681 |
| 0210017E/2019 | -0.015 | -0.350 | 0.000 | 0.002 | 0.002 | 0.900 |
| 0210018F/2019 | -0.671 | -0.258 | 0.003 | 0.001 | 0.871 | 0.128 |
| 0210019G/2019 | -0.258 | -0.243 | 0.000 | 0.001 | 0.490 | 0.432 |
| 0210032W/2019 | -0.762 | -0.265 | 0.004 | 0.001 | 0.891 | 0.107 |
| 0210036A/2019 | -0.555 | -0.050 | 0.002 | 0.000 | 0.992 | 0.008 |
| 0210047M/2019 | -0.583 | -0.092 | 0.002 | 0.000 | 0.968 | 0.024 |
| 0210056X/2019 | -0.838 | -0.294 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0210071N/2019 | -0.769 | -0.425 | 0.004 | 0.004 | 0.766 | 0.234 |
| 0210099U/2019 | 0.153 | 1.032 | 0.000 | 0.021 | 0.022 | 0.977 |
| 0211033J/2019 | -0.511 | -0.085 | 0.002 | 0.000 | 0.968 | 0.027 |
| 0211053F/2019 | -0.594 | -0.101 | 0.002 | 0.000 | 0.957 | 0.027 |
| 0211089V/2019 | -0.704 | -0.073 | 0.003 | 0.000 | 0.988 | 0.011 |
| 0211090W/2019 | -0.453 | 0.060 | 0.001 | 0.000 | 0.980 | 0.017 |
| 0211091X/2019 | -0.530 | -0.118 | 0.002 | 0.000 | 0.939 | 0.047 |
| 0211135V/2019 | -0.534 | -0.129 | 0.002 | 0.000 | 0.944 | 0.055 |
| 0211139Z/2019 | 0.787 | 0.395 | 0.004 | 0.003 | 0.795 | 0.200 |
| 0211173L/2019 | -0.639 | -0.075 | 0.003 | 0.000 | 0.986 | 0.014 |
| 0211217J/2019 | -0.716 | -0.210 | 0.003 | 0.001 | 0.921 | 0.079 |
| 0211237F/2019 | 0.782 | 1.750 | 0.004 | 0.060 | 0.166 | 0.829 |
| 0211472L/2019 | 2.579 | -0.858 | 0.041 | 0.014 | 0.705 | 0.078 |
| 0211473M/2019 | 4.919 | 0.121 | 0.149 | 0.000 | 0.834 | 0.001 |
| 0211481W/2019 | 1.432 | -0.586 | 0.013 | 0.007 | 0.633 | 0.106 |
| 0211530Z/2019 | -0.749 | -0.180 | 0.003 | 0.001 | 0.944 | 0.055 |
| 0211579C/2019 | -0.783 | -0.223 | 0.004 | 0.001 | 0.925 | 0.075 |
| 0211599Z/2019 | 2.317 | -0.670 | 0.033 | 0.009 | 0.718 | 0.060 |
| 0211986V/2019 | -0.586 | -0.233 | 0.002 | 0.001 | 0.858 | 0.135 |
| 0212015B/2019 | 0.049 | -0.289 | 0.000 | 0.002 | 0.010 | 0.366 |
| 0212045J/2019 | -0.734 | -0.257 | 0.003 | 0.001 | 0.890 | 0.109 |
| 0212108C/2019 | 1.863 | -0.342 | 0.021 | 0.002 | 0.898 | 0.030 |
| 0212195Z/2019 | -0.150 | -0.315 | 0.000 | 0.002 | 0.159 | 0.697 |
| 0212198A/2019 | 1.225 | -0.734 | 0.009 | 0.010 | 0.735 | 0.264 |
| 0213333J/2019 | -0.493 | 0.005 | 0.001 | 0.000 | 0.967 | 0.000 |
| 0220013V/2019 | -0.500 | -0.026 | 0.002 | 0.000 | 0.994 | 0.003 |
| 0220018A/2019 | -0.188 | -0.099 | 0.000 | 0.000 | 0.738 | 0.203 |
| 0220019B/2019 | -0.800 | -0.308 | 0.004 | 0.002 | 0.871 | 0.129 |
| 0220023F/2019 | -0.589 | -0.138 | 0.002 | 0.000 | 0.942 | 0.052 |
| 0220027K/2019 | -0.652 | -0.184 | 0.003 | 0.001 | 0.925 | 0.074 |
| 0220056S/2019 | -0.343 | 0.089 | 0.001 | 0.000 | 0.932 | 0.063 |
| 0220057T/2019 | -0.145 | -0.050 | 0.000 | 0.000 | 0.391 | 0.048 |
| 0220058U/2019 | -0.636 | -0.056 | 0.002 | 0.000 | 0.984 | 0.008 |
| 0220060W/2019 | -0.593 | -0.124 | 0.002 | 0.000 | 0.949 | 0.042 |
| 0220064A/2019 | -0.675 | -0.134 | 0.003 | 0.000 | 0.962 | 0.038 |
| 0220065B/2019 | -0.486 | -0.328 | 0.001 | 0.002 | 0.671 | 0.305 |
| 0220071H/2019 | -0.487 | -0.357 | 0.001 | 0.002 | 0.649 | 0.348 |
| 0220075M/2019 | -0.827 | -0.298 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0220094H/2019 | -0.372 | -0.037 | 0.001 | 0.000 | 0.959 | 0.009 |
| 0220097L/2019 | -0.594 | -0.009 | 0.002 | 0.000 | 0.997 | 0.000 |
| 0220102S/2019 | -0.385 | 0.058 | 0.001 | 0.000 | 0.901 | 0.021 |
| 0220107X/2019 | -0.308 | 0.567 | 0.001 | 0.006 | 0.222 | 0.752 |
| 0220116G/2019 | -0.504 | 0.020 | 0.002 | 0.000 | 0.996 | 0.002 |
| 0220117H/2019 | -0.760 | -0.178 | 0.004 | 0.001 | 0.947 | 0.052 |
| 0220122N/2019 | -0.810 | -0.250 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0220196U/2019 | -0.661 | -0.141 | 0.003 | 0.000 | 0.951 | 0.044 |
| 0220470S/2019 | -0.592 | -0.125 | 0.002 | 0.000 | 0.954 | 0.043 |
| 0221031B/2019 | -0.512 | 0.062 | 0.002 | 0.000 | 0.978 | 0.015 |
| 0221033D/2019 | -0.658 | -0.034 | 0.003 | 0.000 | 0.997 | 0.003 |
| 0221036G/2019 | 0.177 | 0.439 | 0.000 | 0.004 | 0.130 | 0.799 |
| 0221469C/2019 | 4.240 | -0.676 | 0.110 | 0.009 | 0.803 | 0.020 |
| 0221571N/2019 | -0.207 | -0.173 | 0.000 | 0.001 | 0.315 | 0.220 |
| 0221589H/2019 | -0.514 | 0.009 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0221593M/2019 | -0.529 | 0.226 | 0.002 | 0.001 | 0.845 | 0.154 |
| 0221599U/2019 | 3.712 | -1.554 | 0.085 | 0.047 | 0.690 | 0.121 |
| 0221624W/2019 | -0.821 | -0.300 | 0.004 | 0.002 | 0.882 | 0.118 |
| 0221673Z/2019 | -0.697 | -0.021 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0221712S/2019 | -0.726 | -0.101 | 0.003 | 0.000 | 0.979 | 0.019 |
| 0221739W/2019 | -0.468 | -0.317 | 0.001 | 0.002 | 0.629 | 0.288 |
| 0221753L/2019 | 3.112 | -1.082 | 0.059 | 0.023 | 0.720 | 0.087 |
| 0221844K/2019 | -0.115 | 1.331 | 0.000 | 0.035 | 0.007 | 0.992 |
| 0221848P/2019 | 0.250 | 0.236 | 0.000 | 0.001 | 0.524 | 0.467 |
| 0221852U/2019 | -0.047 | 0.806 | 0.000 | 0.013 | 0.003 | 0.988 |
| 0221866J/2019 | -0.710 | -0.017 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0221886F/2019 | 2.111 | 2.956 | 0.027 | 0.170 | 0.336 | 0.659 |
| 0230002C/2019 | -0.662 | -0.141 | 0.003 | 0.000 | 0.951 | 0.043 |
| 0230018V/2019 | -0.738 | -0.243 | 0.003 | 0.001 | 0.902 | 0.097 |
| 0230019W/2019 | -0.842 | -0.328 | 0.004 | 0.002 | 0.868 | 0.132 |
| 0230020X/2019 | -0.539 | -0.080 | 0.002 | 0.000 | 0.973 | 0.022 |
| 0230025C/2019 | -0.608 | -0.314 | 0.002 | 0.002 | 0.779 | 0.208 |
| 0230030H/2019 | -0.697 | -0.205 | 0.003 | 0.001 | 0.920 | 0.080 |
| 0230051F/2019 | -0.775 | -0.221 | 0.004 | 0.001 | 0.924 | 0.075 |
| 0230522T/2019 | 2.443 | -0.339 | 0.037 | 0.002 | 0.782 | 0.015 |
| 0230602E/2019 | 0.022 | 0.212 | 0.000 | 0.001 | 0.006 | 0.505 |
| 0240005A/2019 | -0.495 | -0.095 | 0.002 | 0.000 | 0.957 | 0.035 |
| 0240006B/2019 | -0.747 | -0.192 | 0.003 | 0.001 | 0.937 | 0.062 |
| 0240007C/2019 | -0.611 | -0.155 | 0.002 | 0.000 | 0.938 | 0.060 |
| 0240023V/2019 | -0.543 | -0.255 | 0.002 | 0.001 | 0.817 | 0.180 |
| 0240024W/2019 | -0.402 | 0.106 | 0.001 | 0.000 | 0.931 | 0.065 |
| 0240025X/2019 | -0.323 | 0.148 | 0.001 | 0.000 | 0.806 | 0.170 |
| 0240026Y/2019 | -0.648 | -0.114 | 0.003 | 0.000 | 0.963 | 0.030 |
| 0240035H/2019 | -0.652 | -0.286 | 0.003 | 0.002 | 0.837 | 0.161 |
| 0240079F/2019 | -0.626 | -0.150 | 0.002 | 0.000 | 0.944 | 0.054 |
| 0240092V/2019 | -0.710 | -0.069 | 0.003 | 0.000 | 0.990 | 0.009 |
| 0240999F/2019 | 6.506 | -1.357 | 0.260 | 0.036 | 0.800 | 0.035 |
| 0241092G/2019 | -0.762 | -0.177 | 0.004 | 0.001 | 0.949 | 0.051 |
| 0241131Z/2019 | 0.572 | 1.746 | 0.002 | 0.059 | 0.096 | 0.898 |
| 0241137F/2019 | -0.273 | -0.313 | 0.000 | 0.002 | 0.331 | 0.437 |
| 0241199Y/2019 | -0.476 | -0.054 | 0.001 | 0.000 | 0.944 | 0.012 |
| 0241279K/2019 | 0.098 | 0.009 | 0.000 | 0.000 | 0.287 | 0.002 |
| 0250001R/2019 | -0.767 | -0.264 | 0.004 | 0.001 | 0.894 | 0.106 |
| 0250007X/2019 | -0.037 | 0.313 | 0.000 | 0.002 | 0.014 | 0.986 |
| 0250008Y/2019 | -0.625 | -0.230 | 0.002 | 0.001 | 0.878 | 0.119 |
| 0250010A/2019 | -0.359 | -0.053 | 0.001 | 0.000 | 0.936 | 0.020 |
| 0250011B/2019 | -0.629 | -0.168 | 0.002 | 0.001 | 0.924 | 0.066 |
| 0250013D/2019 | -0.696 | -0.308 | 0.003 | 0.002 | 0.833 | 0.163 |
| 0250030X/2019 | -0.464 | -0.158 | 0.001 | 0.000 | 0.887 | 0.103 |
| 0250043L/2019 | -0.620 | -0.223 | 0.002 | 0.001 | 0.883 | 0.114 |
| 0250067M/2019 | -0.480 | -0.275 | 0.001 | 0.001 | 0.726 | 0.238 |
| 0251018W/2019 | 0.348 | 0.486 | 0.001 | 0.005 | 0.329 | 0.643 |
| 0251021Z/2019 | -0.758 | -0.251 | 0.004 | 0.001 | 0.900 | 0.099 |
| 0251028G/2019 | -0.553 | -0.031 | 0.002 | 0.000 | 0.994 | 0.003 |
| 0251079M/2019 | -0.808 | -0.162 | 0.004 | 0.001 | 0.961 | 0.039 |
| 0251202W/2019 | -0.533 | -0.026 | 0.002 | 0.000 | 0.993 | 0.002 |
| 0251215K/2019 | 0.364 | 1.395 | 0.001 | 0.038 | 0.063 | 0.933 |
| 0251263M/2019 | -0.573 | -0.204 | 0.002 | 0.001 | 0.887 | 0.112 |
| 0251477V/2019 | -0.712 | -0.122 | 0.003 | 0.000 | 0.971 | 0.028 |
| 0251480Y/2019 | -0.705 | -0.160 | 0.003 | 0.000 | 0.951 | 0.049 |
| 0251555E/2019 | 3.314 | 0.273 | 0.067 | 0.001 | 0.823 | 0.006 |
| 0251582J/2019 | 1.367 | -0.530 | 0.011 | 0.005 | 0.640 | 0.096 |
| 0251671F/2019 | -0.637 | -0.254 | 0.002 | 0.001 | 0.862 | 0.137 |
| 0251711Z/2019 | -0.208 | -0.392 | 0.000 | 0.003 | 0.204 | 0.723 |
| 0251746M/2019 | -0.458 | -0.210 | 0.001 | 0.001 | 0.761 | 0.160 |
| 0251763F/2019 | -0.083 | 0.233 | 0.000 | 0.001 | 0.110 | 0.865 |
| 0251821U/2019 | -0.434 | 0.107 | 0.001 | 0.000 | 0.938 | 0.057 |
| 0251872M/2019 | -0.764 | -0.087 | 0.004 | 0.000 | 0.987 | 0.013 |
| 0251872Z/2019 | -0.787 | -0.257 | 0.004 | 0.001 | 0.903 | 0.096 |
| 0251994G/2019 | -0.493 | -0.232 | 0.001 | 0.001 | 0.818 | 0.180 |
| 0260006R/2019 | -0.800 | -0.253 | 0.004 | 0.001 | 0.909 | 0.091 |
| 0260008T/2019 | -0.689 | -0.291 | 0.003 | 0.002 | 0.848 | 0.152 |
| 0260015A/2019 | -0.111 | -0.246 | 0.000 | 0.001 | 0.135 | 0.666 |
| 0260017C/2019 | -0.787 | -0.381 | 0.004 | 0.003 | 0.808 | 0.190 |
| 0260019E/2019 | -0.489 | -0.017 | 0.001 | 0.000 | 0.994 | 0.001 |
| 0260023J/2019 | -0.468 | -0.176 | 0.001 | 0.001 | 0.872 | 0.123 |
| 0260035X/2019 | -0.360 | 0.068 | 0.001 | 0.000 | 0.964 | 0.035 |
| 0260072M/2019 | -0.773 | -0.219 | 0.004 | 0.001 | 0.926 | 0.074 |
| 0260074P/2019 | -0.565 | -0.106 | 0.002 | 0.000 | 0.954 | 0.034 |
| 0260113G/2019 | -0.628 | -0.233 | 0.002 | 0.001 | 0.871 | 0.120 |
| 0260765R/2019 | -0.674 | -0.194 | 0.003 | 0.001 | 0.923 | 0.076 |
| 0260791U/2019 | -0.599 | -0.089 | 0.002 | 0.000 | 0.978 | 0.022 |
| 0260998U/2019 | 1.022 | 0.822 | 0.006 | 0.013 | 0.606 | 0.392 |
| 0261067U/2019 | -0.601 | -0.104 | 0.002 | 0.000 | 0.965 | 0.029 |
| 0261069W/2019 | -0.617 | -0.151 | 0.002 | 0.000 | 0.931 | 0.056 |
| 0261097B/2019 | -0.799 | -0.200 | 0.004 | 0.001 | 0.941 | 0.059 |
| 0261100E/2019 | -0.723 | -0.304 | 0.003 | 0.002 | 0.846 | 0.149 |
| 0261160V/2019 | 4.540 | -0.612 | 0.127 | 0.007 | 0.813 | 0.015 |
| 0261161W/2019 | 4.459 | -1.152 | 0.122 | 0.026 | 0.768 | 0.051 |
| 0261251U/2019 | -0.556 | 0.467 | 0.002 | 0.004 | 0.586 | 0.413 |
| 0261265J/2019 | -0.682 | -0.062 | 0.003 | 0.000 | 0.990 | 0.008 |
| 0261277X/2019 | -0.439 | -0.368 | 0.001 | 0.003 | 0.554 | 0.389 |
| 0261286G/2019 | -0.590 | -0.054 | 0.002 | 0.000 | 0.981 | 0.008 |
| 0261324Y/2019 | 2.393 | -0.522 | 0.035 | 0.005 | 0.895 | 0.043 |
| 0261357J/2019 | -0.460 | 0.221 | 0.001 | 0.001 | 0.811 | 0.188 |
| 0261372A/2019 | 0.008 | 0.655 | 0.000 | 0.008 | 0.000 | 0.991 |
| 0261397C/2019 | -0.743 | -0.328 | 0.003 | 0.002 | 0.834 | 0.163 |
| 0261429M/2019 | -0.501 | -0.140 | 0.002 | 0.000 | 0.876 | 0.069 |
| 0261459V/2019 | 1.457 | -0.687 | 0.013 | 0.009 | 0.817 | 0.182 |
| 0261505V/2019 | -0.439 | -0.166 | 0.001 | 0.001 | 0.875 | 0.124 |
| 0270003G/2019 | -0.498 | 0.005 | 0.002 | 0.000 | 0.984 | 0.000 |
| 0270016W/2019 | -0.387 | 0.011 | 0.001 | 0.000 | 0.979 | 0.001 |
| 0270017X/2019 | -0.758 | -0.269 | 0.004 | 0.001 | 0.887 | 0.111 |
| 0270026G/2019 | -0.533 | 0.016 | 0.002 | 0.000 | 0.988 | 0.001 |
| 0270029K/2019 | -0.492 | -0.089 | 0.001 | 0.000 | 0.968 | 0.032 |
| 0270044B/2019 | -0.605 | -0.181 | 0.002 | 0.001 | 0.917 | 0.082 |
| 0271016H/2019 | -0.719 | -0.228 | 0.003 | 0.001 | 0.909 | 0.091 |
| 0271053Y/2019 | -0.612 | 0.038 | 0.002 | 0.000 | 0.987 | 0.004 |
| 0271070S/2019 | -0.501 | 0.004 | 0.002 | 0.000 | 0.998 | 0.000 |
| 0271107G/2019 | -0.632 | -0.096 | 0.002 | 0.000 | 0.977 | 0.023 |
| 0271282X/2019 | -0.651 | -0.246 | 0.003 | 0.001 | 0.863 | 0.123 |
| 0271319M/2019 | -0.827 | -0.298 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0271382F/2019 | -0.684 | 0.065 | 0.003 | 0.000 | 0.991 | 0.009 |
| 0271431J/2019 | -0.571 | -0.071 | 0.002 | 0.000 | 0.985 | 0.015 |
| 0271476H/2019 | 2.620 | 0.882 | 0.042 | 0.015 | 0.763 | 0.086 |
| 0271579V/2019 | -0.337 | -0.135 | 0.001 | 0.000 | 0.760 | 0.121 |
| 0271580W/2019 | -0.535 | 0.016 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0271582Y/2019 | -0.436 | -0.351 | 0.001 | 0.002 | 0.568 | 0.369 |
| 0271585B/2019 | -0.762 | -0.267 | 0.004 | 0.001 | 0.889 | 0.110 |
| 0271634E/2019 | -0.650 | -0.035 | 0.003 | 0.000 | 0.996 | 0.003 |
| 0271666P/2019 | 0.021 | 0.141 | 0.000 | 0.000 | 0.010 | 0.445 |
| 0271677B/2019 | -0.104 | 0.501 | 0.000 | 0.005 | 0.039 | 0.898 |
| 0280007F/2019 | -0.346 | 0.173 | 0.001 | 0.001 | 0.787 | 0.196 |
| 0280015P/2019 | -0.561 | -0.241 | 0.002 | 0.001 | 0.826 | 0.152 |
| 0280019U/2019 | -0.457 | -0.080 | 0.001 | 0.000 | 0.948 | 0.029 |
| 0280021W/2019 | -0.715 | -0.266 | 0.003 | 0.001 | 0.875 | 0.121 |
| 0280036M/2019 | -0.665 | -0.208 | 0.003 | 0.001 | 0.910 | 0.089 |
| 0280044W/2019 | -0.543 | -0.246 | 0.002 | 0.001 | 0.808 | 0.167 |
| 0280665W/2019 | -0.680 | -0.215 | 0.003 | 0.001 | 0.907 | 0.090 |
| 0280706R/2019 | -0.762 | -0.248 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0280864M/2019 | -0.782 | -0.259 | 0.004 | 0.001 | 0.901 | 0.099 |
| 0280925D/2019 | -0.410 | -0.144 | 0.001 | 0.000 | 0.750 | 0.093 |
| 0280944Z/2019 | -0.770 | -0.175 | 0.004 | 0.001 | 0.951 | 0.049 |
| 0280967Z/2019 | -0.737 | -0.113 | 0.003 | 0.000 | 0.976 | 0.023 |
| 0281009V/2019 | 2.546 | -0.407 | 0.040 | 0.003 | 0.776 | 0.020 |
| 0281010W/2019 | 3.483 | -0.454 | 0.075 | 0.004 | 0.798 | 0.014 |
| 0281011X/2019 | 2.394 | -0.872 | 0.035 | 0.015 | 0.692 | 0.092 |
| 0281047L/2019 | -0.394 | -0.104 | 0.001 | 0.000 | 0.935 | 0.065 |
| 0281056W/2019 | -0.457 | 0.063 | 0.001 | 0.000 | 0.949 | 0.018 |
| 0281077U/2019 | -0.500 | -0.102 | 0.002 | 0.000 | 0.955 | 0.040 |
| 0290007A/2019 | -0.073 | 0.521 | 0.000 | 0.005 | 0.019 | 0.979 |
| 0290008B/2019 | 0.103 | -0.195 | 0.000 | 0.001 | 0.199 | 0.720 |
| 0290012F/2019 | -0.722 | -0.286 | 0.003 | 0.002 | 0.863 | 0.136 |
| 0290013G/2019 | -0.207 | -0.098 | 0.000 | 0.000 | 0.682 | 0.152 |
| 0290018M/2019 | -0.640 | -0.111 | 0.003 | 0.000 | 0.970 | 0.029 |
| 0290022S/2019 | -0.563 | -0.117 | 0.002 | 0.000 | 0.956 | 0.041 |
| 0290044R/2019 | -0.525 | -0.079 | 0.002 | 0.000 | 0.976 | 0.022 |
| 0290051Y/2019 | -0.479 | -0.210 | 0.001 | 0.001 | 0.834 | 0.161 |
| 0290062K/2019 | -0.162 | -0.102 | 0.000 | 0.000 | 0.346 | 0.137 |
| 0290063L/2019 | -0.430 | -0.154 | 0.001 | 0.000 | 0.862 | 0.110 |
| 0290069T/2019 | -0.272 | 0.158 | 0.000 | 0.000 | 0.744 | 0.252 |
| 0290070U/2019 | -0.256 | -0.161 | 0.000 | 0.001 | 0.557 | 0.221 |
| 0290071V/2019 | -0.628 | -0.045 | 0.002 | 0.000 | 0.987 | 0.005 |
| 0290076A/2019 | -0.312 | -0.041 | 0.001 | 0.000 | 0.974 | 0.017 |
| 0290078C/2019 | -0.851 | -0.325 | 0.004 | 0.002 | 0.873 | 0.127 |
| 0290092T/2019 | -0.850 | -0.326 | 0.004 | 0.002 | 0.872 | 0.128 |
| 0290098Z/2019 | -0.202 | 0.023 | 0.000 | 0.000 | 0.873 | 0.011 |
| 0290102D/2019 | -0.789 | -0.256 | 0.004 | 0.001 | 0.904 | 0.095 |
| 0290105G/2019 | -0.804 | -0.306 | 0.004 | 0.002 | 0.873 | 0.127 |
| 0290108K/2019 | -0.537 | -0.162 | 0.002 | 0.001 | 0.915 | 0.083 |
| 0290119X/2019 | 0.945 | 0.042 | 0.005 | 0.000 | 0.874 | 0.002 |
| 0290126E/2019 | -0.025 | 0.362 | 0.000 | 0.003 | 0.005 | 0.994 |
| 0290127F/2019 | -0.560 | 0.468 | 0.002 | 0.004 | 0.589 | 0.411 |
| 0290127V/2019 | -0.728 | -0.010 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0290156M/2019 | -0.626 | -0.046 | 0.002 | 0.000 | 0.985 | 0.005 |
| 0290159R/2019 | -0.510 | 0.007 | 0.002 | 0.000 | 0.998 | 0.000 |
| 0290168A/2019 | -0.589 | 0.032 | 0.002 | 0.000 | 0.994 | 0.003 |
| 0290170C/2019 | -0.549 | -0.133 | 0.002 | 0.000 | 0.944 | 0.055 |
| 0290171D/2019 | -0.579 | 0.031 | 0.002 | 0.000 | 0.992 | 0.003 |
| 0290177K/2019 | -0.635 | -0.129 | 0.002 | 0.000 | 0.959 | 0.040 |
| 0290181P/2019 | -0.385 | 0.039 | 0.001 | 0.000 | 0.965 | 0.010 |
| 0290184T/2019 | -0.696 | 0.014 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0290186V/2019 | -0.589 | 0.048 | 0.002 | 0.000 | 0.992 | 0.007 |
| 0290334F/2019 | 0.509 | 0.287 | 0.002 | 0.002 | 0.753 | 0.240 |
| 0290335G/2019 | -0.560 | -0.102 | 0.002 | 0.000 | 0.968 | 0.032 |
| 0290336H/2019 | -0.438 | -0.001 | 0.001 | 0.000 | 0.993 | 0.000 |
| 0290338K/2019 | -0.514 | -0.135 | 0.002 | 0.000 | 0.936 | 0.064 |
| 0290340M/2019 | -0.300 | -0.057 | 0.001 | 0.000 | 0.752 | 0.027 |
| 0290341N/2019 | -0.641 | -0.145 | 0.003 | 0.000 | 0.950 | 0.049 |
| 0290346U/2019 | 0.552 | 1.828 | 0.002 | 0.065 | 0.083 | 0.914 |
| 0290352A/2019 | 0.939 | 0.871 | 0.005 | 0.015 | 0.529 | 0.455 |
| 0291107W/2019 | -0.737 | -0.329 | 0.003 | 0.002 | 0.834 | 0.166 |
| 0291208F/2019 | -0.651 | -0.036 | 0.003 | 0.000 | 0.997 | 0.003 |
| 0291540S/2019 | 3.560 | -0.427 | 0.078 | 0.004 | 0.812 | 0.012 |
| 0291541T/2019 | 3.123 | -0.519 | 0.060 | 0.005 | 0.791 | 0.022 |
| 0291542U/2019 | 2.435 | -0.143 | 0.036 | 0.000 | 0.808 | 0.003 |
| 0291574D/2019 | -0.745 | -0.093 | 0.003 | 0.000 | 0.984 | 0.015 |
| 0291660X/2019 | -0.187 | 0.668 | 0.000 | 0.009 | 0.072 | 0.918 |
| 0291751W/2019 | -0.688 | -0.023 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0291756B/2019 | 2.611 | -0.605 | 0.042 | 0.007 | 0.758 | 0.041 |
| 0291790N/2019 | -0.570 | 0.293 | 0.002 | 0.002 | 0.790 | 0.208 |
| 0291842V/2019 | -0.660 | 0.145 | 0.003 | 0.000 | 0.954 | 0.046 |
| 0292047T/2019 | -0.363 | -0.076 | 0.001 | 0.000 | 0.942 | 0.042 |
| 0292125C/2019 | 0.292 | -0.209 | 0.001 | 0.001 | 0.485 | 0.247 |
| 0292185T/2019 | -0.081 | -0.105 | 0.000 | 0.000 | 0.352 | 0.589 |
| 0292319N/2019 | -0.587 | -0.042 | 0.002 | 0.000 | 0.982 | 0.005 |
| 0292335F/2019 | -0.332 | 0.397 | 0.001 | 0.003 | 0.395 | 0.564 |
| 0292369T/2019 | -0.542 | -0.074 | 0.002 | 0.000 | 0.969 | 0.018 |
| 0300002P/2019 | -0.622 | -0.194 | 0.002 | 0.001 | 0.911 | 0.089 |
| 0300021K/2019 | -0.116 | 0.179 | 0.000 | 0.001 | 0.287 | 0.691 |
| 0300023M/2019 | 0.001 | -0.218 | 0.000 | 0.001 | 0.000 | 0.738 |
| 0300026R/2019 | -0.555 | -0.168 | 0.002 | 0.001 | 0.895 | 0.082 |
| 0300027S/2019 | -0.146 | -0.170 | 0.000 | 0.001 | 0.270 | 0.366 |
| 0300041G/2019 | -0.779 | -0.313 | 0.004 | 0.002 | 0.860 | 0.139 |
| 0300077W/2019 | -0.703 | -0.160 | 0.003 | 0.000 | 0.950 | 0.049 |
| 0300080Z/2019 | -0.528 | 0.021 | 0.002 | 0.000 | 0.998 | 0.002 |
| 0300083C/2019 | -0.504 | 0.183 | 0.002 | 0.001 | 0.883 | 0.117 |
| 0300106C/2019 | -0.642 | -0.251 | 0.003 | 0.001 | 0.865 | 0.132 |
| 0300109F/2019 | -0.515 | -0.004 | 0.002 | 0.000 | 0.934 | 0.000 |
| 0300112E/2019 | -0.711 | -0.122 | 0.003 | 0.000 | 0.971 | 0.029 |
| 0300112J/2019 | -0.426 | 0.104 | 0.001 | 0.000 | 0.940 | 0.056 |
| 0300125Y/2019 | -0.711 | -0.268 | 0.003 | 0.001 | 0.875 | 0.125 |
| 0300127A/2019 | -0.385 | 0.176 | 0.001 | 0.001 | 0.801 | 0.167 |
| 0300139N/2019 | -0.569 | 0.043 | 0.002 | 0.000 | 0.992 | 0.006 |
| 0300930Y/2019 | 0.636 | 0.702 | 0.002 | 0.010 | 0.421 | 0.513 |
| 0300950V/2019 | -0.605 | -0.183 | 0.002 | 0.001 | 0.916 | 0.084 |
| 0301234D/2019 | 5.819 | -1.849 | 0.208 | 0.067 | 0.755 | 0.076 |
| 0301236F/2019 | 7.177 | -2.013 | 0.316 | 0.079 | 0.777 | 0.061 |
| 0301237G/2019 | 9.677 | -2.111 | 0.575 | 0.087 | 0.805 | 0.038 |
| 0301369A/2019 | 5.088 | -1.672 | 0.159 | 0.055 | 0.748 | 0.081 |
| 0301376H/2019 | -0.495 | 0.182 | 0.002 | 0.001 | 0.866 | 0.118 |
| 0301433V/2019 | -0.767 | -0.104 | 0.004 | 0.000 | 0.982 | 0.018 |
| 0301552Z/2019 | 0.167 | -0.365 | 0.000 | 0.003 | 0.156 | 0.741 |
| 0301577B/2019 | 2.559 | 4.382 | 0.040 | 0.375 | 0.253 | 0.742 |
| 0301631K/2019 | -0.350 | -0.076 | 0.001 | 0.000 | 0.793 | 0.038 |
| 0301654K/2019 | -0.342 | -0.291 | 0.001 | 0.002 | 0.478 | 0.347 |
| 0301687W/2019 | 1.732 | 4.005 | 0.018 | 0.313 | 0.157 | 0.842 |
| 0301778V/2019 | -0.524 | -0.088 | 0.002 | 0.000 | 0.963 | 0.027 |
| 0310017A/2019 | -0.617 | -0.156 | 0.002 | 0.000 | 0.933 | 0.060 |
| 0310024H/2019 | -0.316 | -0.154 | 0.001 | 0.000 | 0.793 | 0.189 |
| 0310028M/2019 | -0.605 | -0.318 | 0.002 | 0.002 | 0.783 | 0.216 |
| 0310032S/2019 | -0.523 | -0.360 | 0.002 | 0.003 | 0.665 | 0.314 |
| 0310033T/2019 | -0.350 | -0.341 | 0.001 | 0.002 | 0.421 | 0.400 |
| 0310036W/2019 | 1.323 | 0.302 | 0.011 | 0.002 | 0.947 | 0.049 |
| 0310038Y/2019 | 0.554 | 0.057 | 0.002 | 0.000 | 0.948 | 0.010 |
| 0310039Z/2019 | 0.461 | -0.265 | 0.001 | 0.001 | 0.614 | 0.203 |
| 0310040A/2019 | 0.121 | -0.318 | 0.000 | 0.002 | 0.105 | 0.723 |
| 0310041B/2019 | 0.594 | 0.737 | 0.002 | 0.011 | 0.361 | 0.555 |
| 0310044E/2019 | -0.210 | -0.073 | 0.000 | 0.000 | 0.722 | 0.087 |
| 0310046G/2019 | 0.007 | -0.099 | 0.000 | 0.000 | 0.001 | 0.160 |
| 0310047H/2019 | 0.342 | -0.040 | 0.001 | 0.000 | 0.732 | 0.010 |
| 0310052N/2019 | -0.724 | -0.353 | 0.003 | 0.002 | 0.804 | 0.191 |
| 0310053P/2019 | -0.552 | -0.365 | 0.002 | 0.003 | 0.689 | 0.302 |
| 0310054R/2019 | -0.677 | -0.297 | 0.003 | 0.002 | 0.832 | 0.160 |
| 0310056T/2019 | -0.370 | -0.406 | 0.001 | 0.003 | 0.399 | 0.482 |
| 0310057U/2019 | 0.296 | -0.330 | 0.001 | 0.002 | 0.183 | 0.227 |
| 0310088C/2019 | -0.785 | -0.311 | 0.004 | 0.002 | 0.864 | 0.135 |
| 0310098N/2019 | -0.643 | -0.468 | 0.003 | 0.004 | 0.652 | 0.345 |
| 0310147S/2019 | -0.578 | -0.146 | 0.002 | 0.000 | 0.924 | 0.059 |
| 0310150V/2019 | 1.458 | 0.522 | 0.013 | 0.005 | 0.851 | 0.109 |
| 0310152X/2019 | 5.170 | 0.235 | 0.164 | 0.001 | 0.990 | 0.002 |
| 0310154Z/2019 | 1.331 | 3.582 | 0.011 | 0.250 | 0.121 | 0.879 |
| 0310155A/2019 | -0.187 | 1.032 | 0.000 | 0.021 | 0.032 | 0.968 |
| 0311086M/2019 | 1.662 | 0.990 | 0.017 | 0.019 | 0.737 | 0.261 |
| 0311092U/2019 | -0.798 | -0.291 | 0.004 | 0.002 | 0.882 | 0.117 |
| 0311098A/2019 | -0.197 | -0.195 | 0.000 | 0.001 | 0.278 | 0.271 |
| 0311133N/2019 | -0.720 | -0.281 | 0.003 | 0.002 | 0.866 | 0.132 |
| 0311145B/2019 | -0.784 | -0.242 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0311177L/2019 | -0.419 | -0.034 | 0.001 | 0.000 | 0.972 | 0.006 |
| 0311186W/2019 | -0.281 | 0.022 | 0.000 | 0.000 | 0.922 | 0.006 |
| 0311190A/2019 | -0.568 | -0.069 | 0.002 | 0.000 | 0.967 | 0.014 |
| 0311192C/2019 | -0.588 | -0.232 | 0.002 | 0.001 | 0.858 | 0.134 |
| 0311201M/2019 | -0.632 | -0.219 | 0.002 | 0.001 | 0.891 | 0.107 |
| 0311213A/2019 | -0.454 | -0.025 | 0.001 | 0.000 | 0.991 | 0.003 |
| 0311219G/2019 | -0.472 | -0.200 | 0.001 | 0.001 | 0.839 | 0.151 |
| 0311262D/2019 | -0.108 | -0.157 | 0.000 | 0.000 | 0.196 | 0.412 |
| 0311270M/2019 | -0.748 | -0.093 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0311323V/2019 | -0.274 | -0.296 | 0.000 | 0.002 | 0.400 | 0.464 |
| 0311382J/2019 | 1.278 | 2.318 | 0.010 | 0.105 | 0.232 | 0.764 |
| 0311383K/2019 | 1.135 | 3.013 | 0.008 | 0.177 | 0.124 | 0.874 |
| 0311384L/2019 | 1.524 | 2.725 | 0.014 | 0.145 | 0.238 | 0.762 |
| 0311586F/2019 | 0.734 | -0.538 | 0.003 | 0.006 | 0.582 | 0.313 |
| 0311713U/2019 | 0.330 | 0.326 | 0.001 | 0.002 | 0.452 | 0.442 |
| 0311731N/2019 | 0.010 | -0.172 | 0.000 | 0.001 | 0.001 | 0.234 |
| 0311810Z/2019 | 8.939 | -1.241 | 0.491 | 0.030 | 0.831 | 0.016 |
| 0311870P/2019 | 10.227 | -1.735 | 0.643 | 0.059 | 0.821 | 0.024 |
| 0311876W/2019 | 0.243 | 0.012 | 0.000 | 0.000 | 0.285 | 0.001 |
| 0311877X/2019 | -0.540 | -0.148 | 0.002 | 0.000 | 0.894 | 0.067 |
| 0311902Z/2019 | -0.111 | -0.262 | 0.000 | 0.001 | 0.108 | 0.597 |
| 0312020C/2019 | -0.343 | 0.392 | 0.001 | 0.003 | 0.418 | 0.548 |
| 0312060W/2019 | -0.607 | -0.226 | 0.002 | 0.001 | 0.868 | 0.120 |
| 0312061X/2019 | -0.422 | -0.109 | 0.001 | 0.000 | 0.908 | 0.061 |
| 0312093G/2019 | -0.416 | -0.120 | 0.001 | 0.000 | 0.820 | 0.069 |
| 0312267W/2019 | -0.040 | -0.550 | 0.000 | 0.006 | 0.005 | 0.992 |
| 0312269Y/2019 | -0.379 | 0.586 | 0.001 | 0.007 | 0.294 | 0.705 |
| 0312283N/2019 | 0.014 | -0.015 | 0.000 | 0.000 | 0.003 | 0.003 |
| 0312289V/2019 | -0.535 | -0.084 | 0.002 | 0.000 | 0.943 | 0.023 |
| 0312290W/2019 | 0.009 | -0.294 | 0.000 | 0.002 | 0.001 | 0.908 |
| 0312344E/2019 | -0.228 | 0.806 | 0.000 | 0.013 | 0.074 | 0.921 |
| 0312354R/2019 | -0.623 | -0.101 | 0.002 | 0.000 | 0.961 | 0.026 |
| 0312355S/2019 | -0.791 | -0.257 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0312390E/2019 | 2.676 | 0.366 | 0.044 | 0.003 | 0.979 | 0.018 |
| 0312408Z/2019 | -0.342 | 0.063 | 0.001 | 0.000 | 0.960 | 0.033 |
| 0312421N/2019 | -0.136 | 0.298 | 0.000 | 0.002 | 0.146 | 0.700 |
| 0312550D/2019 | -0.464 | 0.040 | 0.001 | 0.000 | 0.947 | 0.007 |
| 0312686B/2019 | -0.388 | -0.415 | 0.001 | 0.003 | 0.432 | 0.494 |
| 0312759F/2019 | -0.593 | -0.159 | 0.002 | 0.000 | 0.927 | 0.067 |
| 0312765M/2019 | -0.788 | -0.168 | 0.004 | 0.001 | 0.956 | 0.044 |
| 0312822Z/2019 | -0.712 | -0.218 | 0.003 | 0.001 | 0.911 | 0.085 |
| 0312839T/2019 | 0.242 | 1.982 | 0.000 | 0.077 | 0.015 | 0.984 |
| 0312951P/2019 | -0.638 | -0.128 | 0.003 | 0.000 | 0.959 | 0.039 |
| 0315550I/2019 | 1.248 | 0.918 | 0.010 | 0.016 | 0.598 | 0.324 |
| 0320002D/2019 | -0.426 | -0.169 | 0.001 | 0.001 | 0.828 | 0.131 |
| 0320015T/2019 | -0.729 | -0.329 | 0.003 | 0.002 | 0.828 | 0.168 |
| 0320023B/2019 | -0.768 | -0.371 | 0.004 | 0.003 | 0.810 | 0.189 |
| 0320025D/2019 | -0.720 | -0.245 | 0.003 | 0.001 | 0.896 | 0.104 |
| 0320030J/2019 | -0.805 | -0.270 | 0.004 | 0.001 | 0.899 | 0.101 |
| 0320039U/2019 | -0.595 | -0.018 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0320051G/2019 | -0.638 | -0.144 | 0.003 | 0.000 | 0.935 | 0.047 |
| 0320067Z/2019 | -0.690 | -0.174 | 0.003 | 0.001 | 0.937 | 0.060 |
| 0320557G/2019 | -0.746 | -0.325 | 0.003 | 0.002 | 0.840 | 0.160 |
| 0320598B/2019 | 5.510 | -1.663 | 0.187 | 0.054 | 0.759 | 0.069 |
| 0320633P/2019 | -0.568 | 0.115 | 0.002 | 0.000 | 0.960 | 0.039 |
| 0320691C/2019 | 0.195 | 0.110 | 0.000 | 0.000 | 0.618 | 0.198 |
| 0330003Z/2019 | -0.611 | -0.302 | 0.002 | 0.002 | 0.789 | 0.193 |
| 0330018R/2019 | -0.439 | -0.164 | 0.001 | 0.001 | 0.827 | 0.116 |
| 0330021U/2019 | 1.332 | 0.366 | 0.011 | 0.003 | 0.912 | 0.069 |
| 0330023W/2019 | 0.198 | 0.110 | 0.000 | 0.000 | 0.757 | 0.235 |
| 0330026Z/2019 | -0.534 | -0.339 | 0.002 | 0.002 | 0.701 | 0.283 |
| 0330027A/2019 | 0.483 | -0.320 | 0.001 | 0.002 | 0.669 | 0.293 |
| 0330028B/2019 | 0.230 | 0.064 | 0.000 | 0.000 | 0.926 | 0.073 |
| 0330029C/2019 | 0.269 | -0.044 | 0.000 | 0.000 | 0.715 | 0.019 |
| 0330060L/2019 | 0.089 | -0.616 | 0.000 | 0.007 | 0.016 | 0.780 |
| 0330069W/2019 | 0.178 | -0.028 | 0.000 | 0.000 | 0.148 | 0.004 |
| 0330076D/2019 | -0.804 | -0.253 | 0.004 | 0.001 | 0.910 | 0.090 |
| 0330088S/2019 | -0.354 | -0.043 | 0.001 | 0.000 | 0.960 | 0.014 |
| 0330089T/2019 | -0.726 | -0.146 | 0.003 | 0.000 | 0.959 | 0.039 |
| 0330119A/2019 | -0.803 | -0.306 | 0.004 | 0.002 | 0.873 | 0.127 |
| 0330126H/2019 | 0.142 | -0.288 | 0.000 | 0.002 | 0.150 | 0.621 |
| 0330135T/2019 | -0.531 | -0.102 | 0.002 | 0.000 | 0.947 | 0.035 |
| 0330142A/2019 | -0.730 | -0.310 | 0.003 | 0.002 | 0.843 | 0.152 |
| 0330159U/2019 | -0.658 | -0.440 | 0.003 | 0.004 | 0.690 | 0.309 |
| 0330169E/2019 | -0.461 | -0.364 | 0.001 | 0.003 | 0.609 | 0.380 |
| 0330196J/2019 | -0.444 | -0.269 | 0.001 | 0.001 | 0.711 | 0.261 |
| 0330203S/2019 | -0.637 | -0.430 | 0.002 | 0.004 | 0.683 | 0.311 |
| 0330207W/2019 | -0.267 | 0.181 | 0.000 | 0.001 | 0.554 | 0.256 |
| 0331420P/2019 | 0.122 | 0.071 | 0.000 | 0.000 | 0.276 | 0.093 |
| 0331424U/2019 | -0.310 | 0.014 | 0.001 | 0.000 | 0.958 | 0.002 |
| 0331495W/2019 | -0.220 | -0.240 | 0.000 | 0.001 | 0.448 | 0.531 |
| 0331498Z/2019 | -0.488 | -0.299 | 0.001 | 0.002 | 0.697 | 0.263 |
| 0331501C/2019 | -0.263 | -0.148 | 0.000 | 0.000 | 0.652 | 0.208 |
| 0331502D/2019 | -0.512 | -0.010 | 0.002 | 0.000 | 0.993 | 0.000 |
| 0331503E/2019 | -0.313 | 0.173 | 0.001 | 0.001 | 0.765 | 0.234 |
| 0331548D/2019 | -0.791 | -0.256 | 0.004 | 0.001 | 0.905 | 0.095 |
| 0331556M/2019 | -0.653 | -0.144 | 0.003 | 0.000 | 0.950 | 0.046 |
| 0331557N/2019 | -0.366 | 0.408 | 0.001 | 0.003 | 0.432 | 0.536 |
| 0331590Z/2019 | -0.394 | -0.138 | 0.001 | 0.000 | 0.886 | 0.109 |
| 0331591A/2019 | -0.304 | -0.188 | 0.001 | 0.001 | 0.642 | 0.244 |
| 0331683A/2019 | -0.479 | -0.150 | 0.001 | 0.000 | 0.886 | 0.086 |
| 0331760J/2019 | 0.323 | -0.363 | 0.001 | 0.003 | 0.362 | 0.457 |
| 0331766R/2019 | 0.315 | 1.200 | 0.001 | 0.028 | 0.064 | 0.924 |
| 0331863W/2019 | -0.581 | -0.068 | 0.002 | 0.000 | 0.986 | 0.013 |
| 0331882S/2019 | -0.284 | -0.072 | 0.000 | 0.000 | 0.884 | 0.056 |
| 0332081H/2019 | -0.536 | -0.180 | 0.002 | 0.001 | 0.896 | 0.101 |
| 0332192D/2019 | 0.409 | 0.341 | 0.001 | 0.002 | 0.470 | 0.327 |
| 0332194F/2019 | -0.208 | -0.263 | 0.000 | 0.001 | 0.263 | 0.421 |
| 0332282B/2019 | -0.592 | 0.216 | 0.002 | 0.001 | 0.882 | 0.118 |
| 0332289J/2019 | 11.458 | 0.833 | 0.807 | 0.014 | 0.864 | 0.005 |
| 0332292M/2019 | 0.004 | -0.012 | 0.000 | 0.000 | 0.000 | 0.002 |
| 0332293N/2019 | 6.689 | -1.416 | 0.275 | 0.039 | 0.802 | 0.036 |
| 0332297T/2019 | 6.840 | -1.658 | 0.287 | 0.054 | 0.789 | 0.046 |
| 0332380H/2019 | -0.658 | -0.141 | 0.003 | 0.000 | 0.956 | 0.044 |
| 0332425G/2019 | 7.460 | -1.818 | 0.342 | 0.064 | 0.790 | 0.047 |
| 0332436U/2019 | 10.201 | -2.771 | 0.639 | 0.150 | 0.782 | 0.058 |
| 0332468D/2019 | 0.301 | -0.399 | 0.001 | 0.003 | 0.240 | 0.423 |
| 0332473J/2019 | -0.697 | -0.020 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0332722E/2019 | -0.371 | -0.141 | 0.001 | 0.000 | 0.846 | 0.121 |
| 0332744D/2019 | 0.341 | -0.271 | 0.001 | 0.001 | 0.543 | 0.342 |
| 0332747G/2019 | 0.374 | -0.284 | 0.001 | 0.002 | 0.523 | 0.301 |
| 0332758U/2019 | -0.682 | -0.290 | 0.003 | 0.002 | 0.841 | 0.153 |
| 0332781U/2019 | -0.671 | -0.299 | 0.003 | 0.002 | 0.830 | 0.164 |
| 0332832Z/2019 | -0.592 | -0.105 | 0.002 | 0.000 | 0.963 | 0.030 |
| 0332881C/2019 | 0.502 | 0.167 | 0.002 | 0.001 | 0.795 | 0.088 |
| 0332913M/2019 | -0.568 | -0.488 | 0.002 | 0.005 | 0.567 | 0.419 |
| 0332931G/2019 | -0.677 | -0.400 | 0.003 | 0.003 | 0.740 | 0.259 |
| 0332984P/2019 | -0.098 | 0.577 | 0.000 | 0.006 | 0.027 | 0.922 |
| 0333109A/2019 | -0.637 | -0.414 | 0.002 | 0.003 | 0.702 | 0.297 |
| 0333203C/2019 | -0.505 | -0.169 | 0.002 | 0.001 | 0.865 | 0.097 |
| 0333269Z/2019 | 2.309 | -0.311 | 0.033 | 0.002 | 0.982 | 0.018 |
| 0333273D/2019 | 0.139 | -0.224 | 0.000 | 0.001 | 0.089 | 0.231 |
| 0333298F/2019 | 1.805 | 2.512 | 0.020 | 0.123 | 0.339 | 0.657 |
| 0333357V/2019 | 0.520 | 0.636 | 0.002 | 0.008 | 0.348 | 0.519 |
| 0333358W/2019 | 2.284 | 0.515 | 0.032 | 0.005 | 0.946 | 0.048 |
| 0333415H/2019 | -0.264 | -0.366 | 0.000 | 0.003 | 0.312 | 0.600 |
| 0340009A/2019 | -0.120 | 0.114 | 0.000 | 0.000 | 0.303 | 0.274 |
| 0340011C/2019 | -0.512 | -0.081 | 0.002 | 0.000 | 0.974 | 0.024 |
| 0340023R/2019 | -0.420 | -0.020 | 0.001 | 0.000 | 0.962 | 0.002 |
| 0340030Y/2019 | -0.510 | -0.294 | 0.002 | 0.002 | 0.741 | 0.246 |
| 0340038G/2019 | 1.145 | 0.333 | 0.008 | 0.002 | 0.915 | 0.077 |
| 0340039H/2019 | 0.545 | -0.334 | 0.002 | 0.002 | 0.601 | 0.225 |
| 0340040J/2019 | 0.348 | -0.213 | 0.001 | 0.001 | 0.604 | 0.227 |
| 0340042L/2019 | -0.293 | -0.160 | 0.001 | 0.000 | 0.770 | 0.230 |
| 0340043M/2019 | 0.192 | -0.225 | 0.000 | 0.001 | 0.401 | 0.550 |
| 0340045P/2019 | 0.533 | -0.362 | 0.002 | 0.003 | 0.520 | 0.240 |
| 0340059E/2019 | 0.004 | -0.152 | 0.000 | 0.000 | 0.000 | 0.184 |
| 0340061G/2019 | -0.495 | -0.300 | 0.002 | 0.002 | 0.729 | 0.268 |
| 0340076Y/2019 | -0.564 | -0.123 | 0.002 | 0.000 | 0.952 | 0.045 |
| 0340099Y/2019 | -0.840 | -0.365 | 0.004 | 0.003 | 0.841 | 0.159 |
| 0340128E/2019 | -0.472 | -0.165 | 0.001 | 0.001 | 0.883 | 0.108 |
| 0340132J/2019 | 1.849 | 0.929 | 0.021 | 0.017 | 0.772 | 0.195 |
| 0340138R/2019 | -0.449 | -0.098 | 0.001 | 0.000 | 0.899 | 0.043 |
| 0340194H/2019 | -0.564 | 0.255 | 0.002 | 0.001 | 0.829 | 0.170 |
| 0340838B/2019 | 1.872 | 0.208 | 0.022 | 0.001 | 0.970 | 0.012 |
| 0340871M/2019 | -0.588 | 0.122 | 0.002 | 0.000 | 0.957 | 0.042 |
| 0340881Y/2019 | -0.383 | -0.035 | 0.001 | 0.000 | 0.990 | 0.008 |
| 0340920R/2019 | -0.223 | -0.060 | 0.000 | 0.000 | 0.372 | 0.027 |
| 0340991T/2019 | -0.494 | -0.199 | 0.001 | 0.001 | 0.853 | 0.138 |
| 0340992U/2019 | -0.710 | -0.141 | 0.003 | 0.000 | 0.962 | 0.038 |
| 0341089Z/2019 | 0.547 | 1.476 | 0.002 | 0.043 | 0.119 | 0.868 |
| 0341143H/2019 | 4.105 | -0.620 | 0.104 | 0.008 | 0.968 | 0.022 |
| 0341267T/2019 | 0.295 | 1.964 | 0.001 | 0.075 | 0.022 | 0.976 |
| 0341334R/2019 | 12.523 | -2.426 | 0.964 | 0.115 | 0.818 | 0.031 |
| 0341335S/2019 | 7.936 | -2.058 | 0.387 | 0.083 | 0.787 | 0.053 |
| 0341336T/2019 | 7.292 | -2.332 | 0.327 | 0.106 | 0.758 | 0.077 |
| 0341385W/2019 | -0.609 | -0.319 | 0.002 | 0.002 | 0.779 | 0.214 |
| 0341470N/2019 | -0.738 | -0.141 | 0.003 | 0.000 | 0.965 | 0.035 |
| 0341521U/2019 | -0.769 | -0.175 | 0.004 | 0.001 | 0.950 | 0.049 |
| 0341523W/2019 | -0.536 | -0.250 | 0.002 | 0.001 | 0.807 | 0.175 |
| 0341543T/2019 | -0.054 | 0.094 | 0.000 | 0.000 | 0.062 | 0.186 |
| 0341544U/2019 | 0.044 | -0.609 | 0.000 | 0.007 | 0.004 | 0.732 |
| 0341549Z/2019 | 4.497 | -1.769 | 0.124 | 0.061 | 0.717 | 0.111 |
| 0341699M/2019 | -0.715 | -0.337 | 0.003 | 0.002 | 0.817 | 0.181 |
| 0341728U/2019 | -0.157 | -0.154 | 0.000 | 0.000 | 0.215 | 0.208 |
| 0341736C/2019 | 0.390 | -0.461 | 0.001 | 0.004 | 0.352 | 0.494 |
| 0341794R/2019 | -0.569 | -0.247 | 0.002 | 0.001 | 0.830 | 0.157 |
| 0341884N/2019 | 0.163 | 0.049 | 0.000 | 0.000 | 0.767 | 0.069 |
| 0341898D/2019 | 0.466 | 0.350 | 0.001 | 0.002 | 0.561 | 0.316 |
| 0341921D/2019 | -0.152 | -0.198 | 0.000 | 0.001 | 0.331 | 0.564 |
| 0341956S/2019 | -0.330 | 0.210 | 0.001 | 0.001 | 0.665 | 0.269 |
| 0342023P/2019 | 0.188 | 0.806 | 0.000 | 0.013 | 0.050 | 0.912 |
| 0342066L/2019 | 0.253 | -0.391 | 0.000 | 0.003 | 0.158 | 0.378 |
| 0342073U/2019 | -0.158 | -0.207 | 0.000 | 0.001 | 0.173 | 0.295 |
| 0342090M/2019 | -0.645 | -0.040 | 0.003 | 0.000 | 0.989 | 0.004 |
| 0342091N/2019 | -0.441 | -0.029 | 0.001 | 0.000 | 0.995 | 0.004 |
| 0342225J/2019 | 0.181 | -0.094 | 0.000 | 0.000 | 0.276 | 0.074 |
| 0342299P/2019 | 0.577 | -0.277 | 0.002 | 0.001 | 0.700 | 0.161 |
| 0342321N/2019 | 2.455 | 3.644 | 0.037 | 0.259 | 0.312 | 0.687 |
| 0350005R/2019 | -0.481 | 0.158 | 0.001 | 0.000 | 0.900 | 0.097 |
| 0350011X/2019 | -0.638 | -0.278 | 0.002 | 0.002 | 0.839 | 0.160 |
| 0350022J/2019 | -0.442 | -0.151 | 0.001 | 0.000 | 0.885 | 0.103 |
| 0350026N/2019 | 0.364 | -0.274 | 0.001 | 0.001 | 0.470 | 0.266 |
| 0350028R/2019 | -0.075 | -0.169 | 0.000 | 0.001 | 0.114 | 0.589 |
| 0350029S/2019 | -0.398 | -0.053 | 0.001 | 0.000 | 0.915 | 0.016 |
| 0350030T/2019 | -0.630 | -0.267 | 0.002 | 0.001 | 0.839 | 0.151 |
| 0350031U/2019 | -0.793 | -0.309 | 0.004 | 0.002 | 0.868 | 0.132 |
| 0350032V/2019 | -0.605 | -0.158 | 0.002 | 0.000 | 0.936 | 0.063 |
| 0350042F/2019 | -0.519 | -0.084 | 0.002 | 0.000 | 0.929 | 0.024 |
| 0350048M/2019 | -0.033 | -0.149 | 0.000 | 0.000 | 0.035 | 0.747 |
| 0350053T/2019 | -0.054 | -0.137 | 0.000 | 0.000 | 0.047 | 0.298 |
| 0350068J/2019 | -0.700 | -0.394 | 0.003 | 0.003 | 0.759 | 0.241 |
| 0350077U/2019 | 0.502 | 0.570 | 0.002 | 0.006 | 0.400 | 0.515 |
| 0350089G/2019 | 0.976 | 0.500 | 0.006 | 0.005 | 0.766 | 0.201 |
| 0350097R/2019 | 8.626 | 0.666 | 0.457 | 0.009 | 0.981 | 0.006 |
| 0350098S/2019 | 7.082 | -0.652 | 0.308 | 0.008 | 0.835 | 0.007 |
| 0350697T/2019 | 1.342 | 1.071 | 0.011 | 0.022 | 0.609 | 0.388 |
| 0350700W/2019 | -0.538 | -0.087 | 0.002 | 0.000 | 0.974 | 0.026 |
| 0350709F/2019 | -0.696 | -0.289 | 0.003 | 0.002 | 0.851 | 0.147 |
| 0350710G/2019 | 0.920 | 0.624 | 0.005 | 0.008 | 0.673 | 0.309 |
| 0350769W/2019 | -0.609 | -0.079 | 0.002 | 0.000 | 0.983 | 0.017 |
| 0350774B/2019 | -0.570 | 0.023 | 0.002 | 0.000 | 0.976 | 0.002 |
| 0350776D/2019 | -0.293 | 0.167 | 0.001 | 0.001 | 0.747 | 0.243 |
| 0350777E/2019 | -0.411 | -0.021 | 0.001 | 0.000 | 0.889 | 0.002 |
| 0350778F/2019 | -0.294 | 0.165 | 0.001 | 0.001 | 0.756 | 0.239 |
| 0350783L/2019 | -0.388 | -0.331 | 0.001 | 0.002 | 0.532 | 0.387 |
| 0350787R/2019 | -0.679 | -0.018 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0350791V/2019 | -0.719 | -0.121 | 0.003 | 0.000 | 0.970 | 0.028 |
| 0350793X/2019 | -0.680 | -0.232 | 0.003 | 0.001 | 0.895 | 0.104 |
| 0350795Z/2019 | -0.451 | -0.013 | 0.001 | 0.000 | 0.999 | 0.001 |
| 0350797B/2019 | -0.463 | -0.003 | 0.001 | 0.000 | 0.967 | 0.000 |
| 0350807M/2019 | -0.827 | -0.297 | 0.004 | 0.002 | 0.885 | 0.114 |
| 0350808N/2019 | -0.679 | -0.028 | 0.003 | 0.000 | 0.995 | 0.002 |
| 0350918H/2019 | -0.619 | -0.082 | 0.002 | 0.000 | 0.983 | 0.017 |
| 0350936C/2019 | 1.891 | 3.147 | 0.022 | 0.193 | 0.265 | 0.733 |
| 0350937D/2019 | 0.832 | 1.828 | 0.004 | 0.065 | 0.171 | 0.823 |
| 0351047Y/2019 | -0.649 | 0.034 | 0.003 | 0.000 | 0.997 | 0.003 |
| 0351599Y/2019 | 4.618 | -1.645 | 0.131 | 0.053 | 0.726 | 0.092 |
| 0351603R/2019 | -0.213 | -0.136 | 0.000 | 0.000 | 0.375 | 0.153 |
| 0351858E/2019 | -0.152 | -0.228 | 0.000 | 0.001 | 0.177 | 0.396 |
| 0351878B/2019 | -0.712 | -0.202 | 0.003 | 0.001 | 0.925 | 0.074 |
| 0351890P/2019 | 3.786 | -1.081 | 0.088 | 0.023 | 0.750 | 0.061 |
| 0351907H/2019 | 1.166 | -0.229 | 0.008 | 0.001 | 0.915 | 0.035 |
| 0351914R/2019 | -0.722 | -0.335 | 0.003 | 0.002 | 0.820 | 0.176 |
| 0351947B/2019 | -0.559 | 0.202 | 0.002 | 0.001 | 0.881 | 0.116 |
| 0351958N/2019 | -0.550 | 0.004 | 0.002 | 0.000 | 0.995 | 0.000 |
| 0352009U/2019 | 0.183 | 0.001 | 0.000 | 0.000 | 0.982 | 0.000 |
| 0352025L/2019 | -0.808 | -0.303 | 0.004 | 0.002 | 0.876 | 0.123 |
| 0352072M/2019 | -0.332 | -0.057 | 0.001 | 0.000 | 0.877 | 0.026 |
| 0352087D/2019 | 5.635 | -1.117 | 0.195 | 0.024 | 0.798 | 0.031 |
| 0352305R/2019 | 0.702 | 2.897 | 0.003 | 0.164 | 0.055 | 0.944 |
| 0352337A/2019 | 0.297 | 0.531 | 0.001 | 0.006 | 0.212 | 0.677 |
| 0352349N/2019 | -0.448 | 0.755 | 0.001 | 0.011 | 0.260 | 0.739 |
| 0352373P/2019 | -0.553 | 0.066 | 0.002 | 0.000 | 0.985 | 0.014 |
| 0352379W/2019 | 0.701 | 0.527 | 0.003 | 0.005 | 0.623 | 0.352 |
| 0352446U/2019 | -0.806 | -0.251 | 0.004 | 0.001 | 0.911 | 0.088 |
| 0352512R/2019 | -0.493 | 0.302 | 0.001 | 0.002 | 0.723 | 0.271 |
| 0352767T/2019 | -0.382 | 0.057 | 0.001 | 0.000 | 0.910 | 0.020 |
| 0352771X/2019 | -0.610 | -0.145 | 0.002 | 0.000 | 0.939 | 0.053 |
| 0352824E/2019 | 0.310 | -0.476 | 0.001 | 0.004 | 0.224 | 0.527 |
| 0360009P/2019 | -0.515 | -0.079 | 0.002 | 0.000 | 0.963 | 0.022 |
| 0360017Y/2019 | -0.628 | -0.151 | 0.002 | 0.000 | 0.944 | 0.055 |
| 0360043B/2019 | -0.659 | -0.238 | 0.003 | 0.001 | 0.884 | 0.116 |
| 0360686A/2019 | -0.698 | -0.090 | 0.003 | 0.000 | 0.981 | 0.016 |
| 0360689D/2019 | 2.999 | -0.620 | 0.055 | 0.007 | 0.767 | 0.033 |
| 0360737F/2019 | 2.187 | -0.948 | 0.029 | 0.018 | 0.655 | 0.123 |
| 0360768P/2019 | -0.394 | 0.219 | 0.001 | 0.001 | 0.754 | 0.234 |
| 0360775X/2019 | -0.146 | 0.330 | 0.000 | 0.002 | 0.164 | 0.833 |
| 0360778A/2019 | -0.082 | 0.354 | 0.000 | 0.002 | 0.049 | 0.925 |
| 0370009J/2019 | -0.629 | -0.133 | 0.002 | 0.000 | 0.957 | 0.042 |
| 0370035M/2019 | 0.484 | 0.422 | 0.001 | 0.003 | 0.567 | 0.430 |
| 0370036N/2019 | 0.533 | -0.335 | 0.002 | 0.002 | 0.673 | 0.265 |
| 0370037P/2019 | -0.013 | -0.252 | 0.000 | 0.001 | 0.002 | 0.706 |
| 0370038R/2019 | -0.355 | -0.242 | 0.001 | 0.001 | 0.682 | 0.317 |
| 0370039S/2019 | -0.246 | -0.041 | 0.000 | 0.000 | 0.953 | 0.027 |
| 0370040T/2019 | -0.631 | -0.042 | 0.002 | 0.000 | 0.995 | 0.004 |
| 0370053G/2019 | -0.677 | -0.297 | 0.003 | 0.002 | 0.832 | 0.160 |
| 0370054H/2019 | -0.772 | -0.264 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0370074E/2019 | -0.325 | 0.123 | 0.001 | 0.000 | 0.732 | 0.105 |
| 0370728R/2019 | -0.412 | 0.244 | 0.001 | 0.001 | 0.725 | 0.255 |
| 0370748M/2019 | -0.767 | -0.247 | 0.004 | 0.001 | 0.905 | 0.094 |
| 0370749N/2019 | -0.545 | -0.125 | 0.002 | 0.000 | 0.946 | 0.049 |
| 0370770L/2019 | 0.461 | 0.211 | 0.001 | 0.001 | 0.756 | 0.159 |
| 0370781Y/2019 | -0.683 | -0.203 | 0.003 | 0.001 | 0.918 | 0.081 |
| 0370800U/2019 | 1.101 | 2.251 | 0.007 | 0.099 | 0.192 | 0.803 |
| 0370878D/2019 | -0.726 | -0.260 | 0.003 | 0.001 | 0.886 | 0.113 |
| 0370881G/2019 | -0.599 | -0.299 | 0.002 | 0.002 | 0.788 | 0.197 |
| 0370888P/2019 | -0.515 | -0.346 | 0.002 | 0.002 | 0.682 | 0.309 |
| 0370987X/2019 | -0.372 | 0.142 | 0.001 | 0.000 | 0.831 | 0.122 |
| 0371099U/2019 | -0.722 | -0.282 | 0.003 | 0.002 | 0.863 | 0.132 |
| 0371196Z/2019 | 5.856 | 0.268 | 0.211 | 0.001 | 0.843 | 0.002 |
| 0371197A/2019 | 3.823 | 0.767 | 0.090 | 0.011 | 0.818 | 0.033 |
| 0371347N/2019 | 3.322 | -1.288 | 0.068 | 0.032 | 0.696 | 0.105 |
| 0371376V/2019 | -0.288 | 0.734 | 0.001 | 0.011 | 0.133 | 0.867 |
| 0371417P/2019 | -0.074 | -0.331 | 0.000 | 0.002 | 0.043 | 0.863 |
| 0371418R/2019 | -0.572 | -0.017 | 0.002 | 0.000 | 0.987 | 0.001 |
| 0371470X/2019 | -0.775 | -0.243 | 0.004 | 0.001 | 0.910 | 0.089 |
| 0371471Y/2019 | -0.328 | 0.289 | 0.001 | 0.002 | 0.522 | 0.406 |
| 0371532P/2019 | -0.419 | 0.212 | 0.001 | 0.001 | 0.755 | 0.194 |
| 0371558T/2019 | -0.250 | -0.073 | 0.000 | 0.000 | 0.640 | 0.055 |
| 0371610Z/2019 | 4.532 | -0.178 | 0.126 | 0.001 | 0.956 | 0.001 |
| 0380008C/2019 | -0.434 | -0.155 | 0.001 | 0.000 | 0.886 | 0.113 |
| 0380010E/2019 | -0.781 | -0.082 | 0.004 | 0.000 | 0.989 | 0.011 |
| 0380018N/2019 | -0.440 | -0.032 | 0.001 | 0.000 | 0.977 | 0.005 |
| 0380027Y/2019 | 0.874 | 0.636 | 0.005 | 0.008 | 0.652 | 0.345 |
| 0380029A/2019 | -0.425 | -0.073 | 0.001 | 0.000 | 0.951 | 0.028 |
| 0380033E/2019 | -0.338 | -0.010 | 0.001 | 0.000 | 0.911 | 0.001 |
| 0380034F/2019 | -0.103 | -0.210 | 0.000 | 0.001 | 0.126 | 0.523 |
| 0380035G/2019 | 0.059 | 0.276 | 0.000 | 0.001 | 0.030 | 0.646 |
| 0380081G/2019 | -0.361 | -0.076 | 0.001 | 0.000 | 0.928 | 0.041 |
| 0380083J/2019 | -0.603 | -0.220 | 0.002 | 0.001 | 0.880 | 0.117 |
| 0380089R/2019 | -0.716 | -0.230 | 0.003 | 0.001 | 0.904 | 0.093 |
| 0380091T/2019 | -0.365 | -0.147 | 0.001 | 0.000 | 0.845 | 0.137 |
| 0380092U/2019 | -0.577 | -0.128 | 0.002 | 0.000 | 0.942 | 0.047 |
| 0380141X/2019 | 1.293 | 0.931 | 0.010 | 0.017 | 0.642 | 0.333 |
| 0380272Z/2019 | -0.623 | 0.311 | 0.002 | 0.002 | 0.800 | 0.199 |
| 0381513N/2019 | -0.440 | -0.228 | 0.001 | 0.001 | 0.770 | 0.207 |
| 0381516S/2019 | 0.496 | 0.660 | 0.002 | 0.009 | 0.333 | 0.591 |
| 0381516T/2019 | -0.728 | -0.145 | 0.003 | 0.000 | 0.960 | 0.038 |
| 0381603L/2019 | -0.438 | -0.189 | 0.001 | 0.001 | 0.804 | 0.150 |
| 0381629P/2019 | 2.860 | 10.132 | 0.050 | 2.003 | 0.074 | 0.925 |
| 0381666E/2019 | -0.745 | -0.272 | 0.003 | 0.001 | 0.882 | 0.118 |
| 0381678T/2019 | -0.653 | -0.118 | 0.003 | 0.000 | 0.967 | 0.032 |
| 0381775Y/2019 | 0.823 | 0.386 | 0.004 | 0.003 | 0.773 | 0.170 |
| 0381817U/2019 | -0.537 | -0.075 | 0.002 | 0.000 | 0.976 | 0.019 |
| 0381819W/2019 | -0.662 | -0.227 | 0.003 | 0.001 | 0.894 | 0.105 |
| 0381886U/2019 | -0.393 | -0.166 | 0.001 | 0.001 | 0.849 | 0.151 |
| 0382031B/2019 | -0.813 | -0.249 | 0.004 | 0.001 | 0.914 | 0.086 |
| 0382099A/2019 | -0.646 | -0.245 | 0.003 | 0.001 | 0.868 | 0.125 |
| 0382170C/2019 | -0.696 | -0.129 | 0.003 | 0.000 | 0.963 | 0.033 |
| 0382203N/2019 | -0.722 | -0.246 | 0.003 | 0.001 | 0.893 | 0.103 |
| 0382371W/2019 | -0.761 | -0.177 | 0.004 | 0.001 | 0.948 | 0.051 |
| 0382440W/2019 | -0.449 | -0.394 | 0.001 | 0.003 | 0.565 | 0.435 |
| 0382541F/2019 | -0.512 | 0.023 | 0.002 | 0.000 | 0.969 | 0.002 |
| 0382664P/2019 | 7.045 | -0.181 | 0.305 | 0.001 | 0.849 | 0.001 |
| 0382665R/2019 | 6.021 | -1.575 | 0.223 | 0.048 | 0.775 | 0.053 |
| 0382666S/2019 | 5.462 | -1.097 | 0.183 | 0.023 | 0.797 | 0.032 |
| 0382669V/2019 | -0.280 | -0.099 | 0.000 | 0.000 | 0.678 | 0.085 |
| 0382778N/2019 | -0.039 | 0.650 | 0.000 | 0.008 | 0.004 | 0.991 |
| 0382780R/2019 | -0.080 | -0.160 | 0.000 | 0.001 | 0.166 | 0.666 |
| 0382838D/2019 | -0.597 | -0.302 | 0.002 | 0.002 | 0.794 | 0.203 |
| 0382852U/2019 | 4.974 | -1.280 | 0.152 | 0.032 | 0.774 | 0.051 |
| 0382863F/2019 | -0.248 | -0.275 | 0.000 | 0.001 | 0.409 | 0.503 |
| 0382881A/2019 | 5.285 | -0.520 | 0.172 | 0.005 | 0.956 | 0.009 |
| 0382895R/2019 | -0.529 | -0.190 | 0.002 | 0.001 | 0.874 | 0.112 |
| 0382920T/2019 | 0.146 | 0.095 | 0.000 | 0.000 | 0.555 | 0.235 |
| 0382938M/2019 | -0.676 | -0.088 | 0.003 | 0.000 | 0.980 | 0.017 |
| 0383073J/2019 | -0.758 | -0.089 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0383098L/2019 | 2.403 | 0.403 | 0.035 | 0.003 | 0.969 | 0.027 |
| 0383120K/2019 | -0.204 | 0.169 | 0.000 | 0.001 | 0.552 | 0.380 |
| 0383121L/2019 | 0.663 | 0.494 | 0.003 | 0.005 | 0.632 | 0.350 |
| 0383190L/2019 | 4.227 | -1.222 | 0.110 | 0.029 | 0.757 | 0.063 |
| 0383208F/2019 | -0.626 | -0.118 | 0.002 | 0.000 | 0.963 | 0.034 |
| 0383384X/2019 | -0.182 | 1.054 | 0.000 | 0.022 | 0.029 | 0.970 |
| 0383493R/2019 | 0.464 | 1.246 | 0.001 | 0.030 | 0.121 | 0.871 |
| 0390012B/2019 | -0.211 | -0.086 | 0.000 | 0.000 | 0.532 | 0.089 |
| 0390013C/2019 | -0.704 | -0.219 | 0.003 | 0.001 | 0.911 | 0.089 |
| 0390019J/2019 | -0.609 | -0.156 | 0.002 | 0.000 | 0.937 | 0.061 |
| 0390024P/2019 | -0.647 | -0.303 | 0.003 | 0.002 | 0.818 | 0.179 |
| 0390027T/2019 | -0.421 | 0.174 | 0.001 | 0.001 | 0.848 | 0.146 |
| 0390029V/2019 | -0.624 | -0.058 | 0.002 | 0.000 | 0.986 | 0.009 |
| 0390033Z/2019 | -0.468 | 0.025 | 0.001 | 0.000 | 0.975 | 0.003 |
| 0390070P/2019 | -0.731 | -0.188 | 0.003 | 0.001 | 0.936 | 0.062 |
| 0390091M/2019 | -0.672 | -0.028 | 0.003 | 0.000 | 0.998 | 0.002 |
| 0390786T/2019 | -0.572 | -0.167 | 0.002 | 0.001 | 0.915 | 0.078 |
| 0390809T/2019 | -0.593 | -0.089 | 0.002 | 0.000 | 0.971 | 0.022 |
| 0390810U/2019 | -0.461 | -0.218 | 0.001 | 0.001 | 0.817 | 0.183 |
| 0390812W/2019 | -0.677 | -0.169 | 0.003 | 0.001 | 0.940 | 0.058 |
| 0390987L/2019 | 1.996 | -0.409 | 0.024 | 0.003 | 0.737 | 0.031 |
| 0390988M/2019 | 1.341 | -0.486 | 0.011 | 0.005 | 0.643 | 0.085 |
| 0391092A/2019 | -0.792 | -0.301 | 0.004 | 0.002 | 0.873 | 0.126 |
| 0391146J/2019 | -0.591 | 0.116 | 0.002 | 0.000 | 0.961 | 0.037 |
| 0400002K/2019 | -0.683 | -0.169 | 0.003 | 0.001 | 0.938 | 0.058 |
| 0400004M/2019 | -0.746 | -0.272 | 0.003 | 0.001 | 0.883 | 0.117 |
| 0400007R/2019 | -0.576 | -0.165 | 0.002 | 0.001 | 0.923 | 0.076 |
| 0400017B/2019 | -0.339 | -0.049 | 0.001 | 0.000 | 0.969 | 0.020 |
| 0400018C/2019 | -0.351 | -0.044 | 0.001 | 0.000 | 0.960 | 0.015 |
| 0400019D/2019 | -0.818 | -0.337 | 0.004 | 0.002 | 0.854 | 0.145 |
| 0400027M/2019 | -0.802 | -0.329 | 0.004 | 0.002 | 0.855 | 0.144 |
| 0400067F/2019 | -0.582 | -0.055 | 0.002 | 0.000 | 0.965 | 0.009 |
| 0400097N/2019 | -0.668 | -0.299 | 0.003 | 0.002 | 0.830 | 0.166 |
| 0400139J/2019 | -0.620 | -0.098 | 0.002 | 0.000 | 0.972 | 0.024 |
| 0400750Y/2019 | -0.640 | -0.224 | 0.003 | 0.001 | 0.890 | 0.109 |
| 0400829J/2019 | 6.531 | -1.542 | 0.262 | 0.046 | 0.791 | 0.044 |
| 0400830K/2019 | 6.265 | -1.388 | 0.241 | 0.038 | 0.796 | 0.039 |
| 0400934Y/2019 | -0.313 | 0.172 | 0.001 | 0.001 | 0.764 | 0.229 |
| 0401002X/2019 | -0.605 | -0.252 | 0.002 | 0.001 | 0.852 | 0.148 |
| 0401016M/2019 | -0.525 | -0.031 | 0.002 | 0.000 | 0.984 | 0.003 |
| 0410001D/2019 | -0.706 | -0.251 | 0.003 | 0.001 | 0.886 | 0.112 |
| 0410002E/2019 | -0.352 | -0.069 | 0.001 | 0.000 | 0.948 | 0.037 |
| 0410017W/2019 | -0.667 | -0.246 | 0.003 | 0.001 | 0.876 | 0.119 |
| 0410018X/2019 | -0.456 | -0.158 | 0.001 | 0.000 | 0.884 | 0.107 |
| 0410030K/2019 | -0.637 | -0.279 | 0.002 | 0.002 | 0.834 | 0.160 |
| 0410693F/2019 | -0.662 | -0.198 | 0.003 | 0.001 | 0.913 | 0.081 |
| 0410820U/2019 | 3.984 | -0.010 | 0.098 | 0.000 | 0.827 | 0.000 |
| 0410899E/2019 | -0.353 | 0.189 | 0.001 | 0.001 | 0.743 | 0.214 |
| 0410959V/2019 | -0.522 | -0.228 | 0.002 | 0.001 | 0.831 | 0.158 |
| 0410970G/2019 | -0.116 | 0.589 | 0.000 | 0.007 | 0.037 | 0.962 |
| 0410978R/2019 | -0.287 | 0.146 | 0.001 | 0.000 | 0.724 | 0.186 |
| 0410979S/2019 | 5.410 | 0.860 | 0.180 | 0.014 | 0.961 | 0.024 |
| 0410981U/2019 | -0.634 | -0.040 | 0.002 | 0.000 | 0.994 | 0.004 |
| 0420013L/2019 | -0.277 | -0.249 | 0.000 | 0.001 | 0.460 | 0.372 |
| 0420014M/2019 | -0.723 | -0.281 | 0.003 | 0.002 | 0.867 | 0.130 |
| 0420018S/2019 | -0.475 | -0.203 | 0.001 | 0.001 | 0.839 | 0.153 |
| 0420027B/2019 | -0.580 | -0.204 | 0.002 | 0.001 | 0.879 | 0.109 |
| 0420033H/2019 | -0.380 | -0.182 | 0.001 | 0.001 | 0.785 | 0.180 |
| 0420034J/2019 | -0.690 | -0.292 | 0.003 | 0.002 | 0.845 | 0.151 |
| 0420040R/2019 | -0.635 | -0.283 | 0.002 | 0.002 | 0.832 | 0.166 |
| 0420041S/2019 | 0.017 | 0.350 | 0.000 | 0.002 | 0.002 | 0.983 |
| 0420042T/2019 | 0.011 | -0.306 | 0.000 | 0.002 | 0.001 | 0.605 |
| 0420043U/2019 | -0.281 | -0.326 | 0.000 | 0.002 | 0.400 | 0.537 |
| 0420044V/2019 | -0.363 | -0.131 | 0.001 | 0.000 | 0.883 | 0.115 |
| 0420046X/2019 | -0.622 | -0.211 | 0.002 | 0.001 | 0.887 | 0.102 |
| 0420049A/2019 | -0.710 | -0.194 | 0.003 | 0.001 | 0.930 | 0.070 |
| 0420093Y/2019 | 2.948 | 0.360 | 0.053 | 0.003 | 0.936 | 0.014 |
| 0420957M/2019 | 0.916 | 0.610 | 0.005 | 0.007 | 0.693 | 0.307 |
| 0420974F/2019 | -0.702 | -0.178 | 0.003 | 0.001 | 0.938 | 0.060 |
| 0420976H/2019 | -0.754 | -0.222 | 0.003 | 0.001 | 0.920 | 0.080 |
| 0420979L/2019 | -0.400 | -0.009 | 0.001 | 0.000 | 0.971 | 0.001 |
| 0420982P/2019 | -0.823 | -0.228 | 0.004 | 0.001 | 0.929 | 0.071 |
| 0421020F/2019 | -0.541 | 0.027 | 0.002 | 0.000 | 0.996 | 0.002 |
| 0421021G/2019 | -0.183 | 0.084 | 0.000 | 0.000 | 0.403 | 0.085 |
| 0421022H/2019 | -0.772 | -0.264 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0421078U/2019 | -0.702 | -0.126 | 0.003 | 0.000 | 0.969 | 0.031 |
| 0421090G/2019 | -0.715 | -0.147 | 0.003 | 0.000 | 0.958 | 0.041 |
| 0421095M/2019 | 0.555 | 1.439 | 0.002 | 0.040 | 0.129 | 0.866 |
| 0421574H/2019 | 3.046 | -0.865 | 0.057 | 0.015 | 0.739 | 0.060 |
| 0421613A/2019 | 3.551 | -0.157 | 0.077 | 0.000 | 0.820 | 0.002 |
| 0421614B/2019 | 0.588 | 0.539 | 0.002 | 0.006 | 0.517 | 0.434 |
| 0421788R/2019 | -0.298 | -0.255 | 0.001 | 0.001 | 0.528 | 0.386 |
| 0421807L/2019 | -0.730 | -0.099 | 0.003 | 0.000 | 0.982 | 0.018 |
| 0421820A/2019 | 4.415 | -0.766 | 0.120 | 0.011 | 0.796 | 0.024 |
| 0421822C/2019 | 2.409 | -0.805 | 0.036 | 0.013 | 0.704 | 0.079 |
| 0421976V/2019 | -0.686 | -0.294 | 0.003 | 0.002 | 0.837 | 0.154 |
| 0422026Z/2019 | 2.015 | -0.395 | 0.025 | 0.003 | 0.887 | 0.034 |
| 0422048Y/2019 | 0.059 | 0.351 | 0.000 | 0.002 | 0.027 | 0.967 |
| 0422128K/2019 | -0.504 | 0.043 | 0.002 | 0.000 | 0.968 | 0.007 |
| 0422152L/2019 | -0.054 | 0.788 | 0.000 | 0.012 | 0.005 | 0.994 |
| 0422160V/2019 | -0.752 | -0.215 | 0.003 | 0.001 | 0.924 | 0.076 |
| 0430020N/2019 | -0.617 | -0.413 | 0.002 | 0.003 | 0.689 | 0.309 |
| 0430021P/2019 | -0.405 | -0.133 | 0.001 | 0.000 | 0.876 | 0.094 |
| 0430055B/2019 | -0.755 | -0.179 | 0.004 | 0.001 | 0.947 | 0.053 |
| 0430065M/2019 | -0.623 | -0.132 | 0.002 | 0.000 | 0.949 | 0.043 |
| 0430098Y/2019 | -0.528 | 0.050 | 0.002 | 0.000 | 0.980 | 0.009 |
| 0430112N/2019 | -0.576 | -0.168 | 0.002 | 0.001 | 0.921 | 0.078 |
| 0430113P/2019 | -0.629 | -0.149 | 0.002 | 0.000 | 0.944 | 0.053 |
| 0430827R/2019 | 3.883 | -0.477 | 0.093 | 0.004 | 0.816 | 0.012 |
| 0430947W/2019 | -0.581 | -0.167 | 0.002 | 0.001 | 0.921 | 0.076 |
| 0430951A/2019 | 0.101 | 0.073 | 0.000 | 0.000 | 0.475 | 0.246 |
| 0430953C/2019 | -0.742 | -0.274 | 0.003 | 0.001 | 0.878 | 0.120 |
| 0431000D/2019 | -0.689 | -0.112 | 0.003 | 0.000 | 0.974 | 0.026 |
| 0440001M/2019 | -0.482 | -0.306 | 0.001 | 0.002 | 0.713 | 0.287 |
| 0440005S/2019 | -0.521 | -0.271 | 0.002 | 0.001 | 0.763 | 0.207 |
| 0440012Z/2019 | -0.024 | -0.145 | 0.000 | 0.000 | 0.007 | 0.244 |
| 0440021J/2019 | 0.968 | 0.408 | 0.006 | 0.003 | 0.846 | 0.150 |
| 0440024M/2019 | -0.193 | -0.200 | 0.000 | 0.001 | 0.378 | 0.408 |
| 0440029T/2019 | -0.407 | -0.073 | 0.001 | 0.000 | 0.944 | 0.030 |
| 0440030U/2019 | -0.674 | -0.191 | 0.003 | 0.001 | 0.919 | 0.074 |
| 0440033X/2019 | -0.661 | -0.302 | 0.003 | 0.002 | 0.820 | 0.172 |
| 0440062D/2019 | -0.223 | -0.193 | 0.000 | 0.001 | 0.534 | 0.400 |
| 0440063E/2019 | -0.401 | -0.430 | 0.001 | 0.004 | 0.399 | 0.460 |
| 0440069L/2019 | -0.482 | -0.210 | 0.001 | 0.001 | 0.837 | 0.159 |
| 0440074S/2019 | -0.827 | -0.334 | 0.004 | 0.002 | 0.860 | 0.140 |
| 0440086E/2019 | -0.062 | -0.139 | 0.000 | 0.000 | 0.117 | 0.595 |
| 0440104Z/2019 | 1.594 | 0.832 | 0.016 | 0.013 | 0.768 | 0.209 |
| 0440105A/2019 | 8.428 | -0.721 | 0.437 | 0.010 | 0.835 | 0.006 |
| 0440113J/2019 | -0.343 | 0.046 | 0.001 | 0.000 | 0.854 | 0.015 |
| 0440119R/2019 | -0.628 | 0.034 | 0.002 | 0.000 | 0.997 | 0.003 |
| 0440139M/2019 | 0.565 | 0.429 | 0.002 | 0.004 | 0.570 | 0.330 |
| 0440149Y/2019 | -0.619 | -0.153 | 0.002 | 0.000 | 0.941 | 0.057 |
| 0440151A/2019 | -0.674 | -0.242 | 0.003 | 0.001 | 0.886 | 0.114 |
| 0440154D/2019 | -0.222 | -0.083 | 0.000 | 0.000 | 0.615 | 0.087 |
| 0440161L/2019 | -0.189 | 0.489 | 0.000 | 0.005 | 0.129 | 0.867 |
| 0440163N/2019 | -0.229 | 0.141 | 0.000 | 0.000 | 0.650 | 0.247 |
| 0440172Y/2019 | -0.477 | 0.229 | 0.001 | 0.001 | 0.804 | 0.186 |
| 0440246D/2019 | -0.491 | -0.167 | 0.001 | 0.001 | 0.881 | 0.101 |
| 0440254M/2019 | -0.377 | -0.068 | 0.001 | 0.000 | 0.944 | 0.031 |
| 0440256P/2019 | -0.471 | -0.012 | 0.001 | 0.000 | 0.999 | 0.001 |
| 0440259T/2019 | -0.651 | -0.213 | 0.003 | 0.001 | 0.902 | 0.097 |
| 0440279P/2019 | -0.641 | -0.303 | 0.003 | 0.002 | 0.807 | 0.180 |
| 0440282T/2019 | -0.679 | -0.239 | 0.003 | 0.001 | 0.889 | 0.110 |
| 0440288Z/2019 | 0.305 | -0.343 | 0.001 | 0.002 | 0.393 | 0.498 |
| 0440355X/2019 | -0.694 | -0.065 | 0.003 | 0.000 | 0.991 | 0.009 |
| 0440980B/2019 | -0.577 | -0.087 | 0.002 | 0.000 | 0.978 | 0.022 |
| 0440982D/2019 | 0.233 | 0.538 | 0.000 | 0.006 | 0.155 | 0.823 |
| 0440984F/2019 | 1.473 | 2.095 | 0.013 | 0.086 | 0.328 | 0.664 |
| 0441032H/2019 | -0.681 | 0.009 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0441552Y/2019 | 0.179 | -0.222 | 0.000 | 0.001 | 0.392 | 0.603 |
| 0441623A/2019 | 4.754 | -1.563 | 0.139 | 0.048 | 0.736 | 0.080 |
| 0441653H/2019 | -0.673 | -0.132 | 0.003 | 0.000 | 0.957 | 0.037 |
| 0441656L/2019 | -0.769 | -0.263 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0441772M/2019 | 4.585 | -1.438 | 0.129 | 0.040 | 0.739 | 0.073 |
| 0441782Y/2019 | -0.693 | -0.253 | 0.003 | 0.001 | 0.882 | 0.118 |
| 0441823T/2019 | -0.796 | -0.344 | 0.004 | 0.002 | 0.843 | 0.157 |
| 0441946B/2019 | -0.466 | -0.248 | 0.001 | 0.001 | 0.765 | 0.217 |
| 0441972E/2019 | -0.747 | -0.093 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0441993C/2019 | 0.689 | -0.181 | 0.003 | 0.001 | 0.790 | 0.055 |
| 0442061B/2019 | -0.534 | -0.048 | 0.002 | 0.000 | 0.990 | 0.008 |
| 0442085C/2019 | -0.482 | -0.089 | 0.001 | 0.000 | 0.950 | 0.033 |
| 0442094M/2019 | -0.476 | -0.025 | 0.001 | 0.000 | 0.988 | 0.003 |
| 0442095N/2019 | 0.012 | -0.164 | 0.000 | 0.001 | 0.004 | 0.798 |
| 0442101V/2019 | -0.243 | 0.115 | 0.000 | 0.000 | 0.557 | 0.125 |
| 0442124V/2019 | -0.235 | -0.081 | 0.000 | 0.000 | 0.785 | 0.094 |
| 0442185L/2019 | -0.043 | 0.388 | 0.000 | 0.003 | 0.010 | 0.860 |
| 0442227G/2019 | -0.357 | -0.038 | 0.001 | 0.000 | 0.809 | 0.009 |
| 0442292C/2019 | -0.234 | 0.623 | 0.000 | 0.008 | 0.120 | 0.851 |
| 0442311Y/2019 | 0.196 | 1.997 | 0.000 | 0.078 | 0.010 | 0.989 |
| 0442409E/2019 | 5.259 | -0.637 | 0.170 | 0.008 | 0.951 | 0.014 |
| 0442448X/2019 | -0.731 | -0.452 | 0.003 | 0.004 | 0.723 | 0.277 |
| 0442569D/2019 | 4.152 | -0.772 | 0.106 | 0.012 | 0.791 | 0.027 |
| 0442658A/2019 | -0.182 | -0.183 | 0.000 | 0.001 | 0.285 | 0.289 |
| 0442674T/2019 | -0.647 | 0.000 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0442699V/2019 | -0.354 | 0.074 | 0.001 | 0.000 | 0.909 | 0.040 |
| 0442725Y/2019 | -0.252 | -0.025 | 0.000 | 0.000 | 0.622 | 0.006 |
| 0442752C/2019 | -0.555 | -0.070 | 0.002 | 0.000 | 0.976 | 0.015 |
| 0442765S/2019 | 0.124 | -0.145 | 0.000 | 0.000 | 0.264 | 0.364 |
| 0442774B/2019 | -0.402 | -0.171 | 0.001 | 0.001 | 0.845 | 0.153 |
| 0442777E/2019 | -0.038 | 0.996 | 0.000 | 0.019 | 0.001 | 0.994 |
| 0442837V/2019 | 0.563 | -0.239 | 0.002 | 0.001 | 0.660 | 0.119 |
| 0450029M/2019 | -0.524 | -0.184 | 0.002 | 0.001 | 0.887 | 0.109 |
| 0450040Z/2019 | -0.494 | -0.133 | 0.001 | 0.000 | 0.919 | 0.067 |
| 0450042B/2019 | -0.695 | -0.170 | 0.003 | 0.001 | 0.940 | 0.056 |
| 0450049J/2019 | 0.222 | 0.851 | 0.000 | 0.014 | 0.064 | 0.935 |
| 0450050K/2019 | -0.107 | -0.229 | 0.000 | 0.001 | 0.133 | 0.608 |
| 0450051L/2019 | -0.422 | -0.002 | 0.001 | 0.000 | 0.989 | 0.000 |
| 0450062Y/2019 | -0.501 | -0.135 | 0.002 | 0.000 | 0.897 | 0.065 |
| 0450064A/2019 | -0.722 | -0.281 | 0.003 | 0.002 | 0.867 | 0.131 |
| 0450066C/2019 | -0.718 | -0.253 | 0.003 | 0.001 | 0.886 | 0.110 |
| 0450092F/2019 | 0.138 | 0.362 | 0.000 | 0.003 | 0.121 | 0.830 |
| 0450094H/2019 | -0.567 | -0.103 | 0.002 | 0.000 | 0.966 | 0.032 |
| 0450106W/2019 | -0.740 | -0.184 | 0.003 | 0.001 | 0.941 | 0.058 |
| 0450107X/2019 | -0.749 | -0.048 | 0.003 | 0.000 | 0.996 | 0.004 |
| 0450750W/2019 | -0.778 | -0.262 | 0.004 | 0.001 | 0.898 | 0.102 |
| 0450758E/2019 | -0.579 | -0.165 | 0.002 | 0.001 | 0.921 | 0.075 |
| 0450759F/2019 | -0.667 | -0.118 | 0.003 | 0.000 | 0.966 | 0.030 |
| 0450782F/2019 | -0.032 | -0.203 | 0.000 | 0.001 | 0.013 | 0.539 |
| 0450786K/2019 | -0.728 | -0.268 | 0.003 | 0.001 | 0.880 | 0.120 |
| 0450848C/2019 | -0.621 | -0.209 | 0.002 | 0.001 | 0.883 | 0.100 |
| 0450855K/2019 | 0.119 | 1.168 | 0.000 | 0.027 | 0.010 | 0.989 |
| 0450932U/2019 | -0.186 | 0.526 | 0.000 | 0.005 | 0.108 | 0.864 |
| 0451037H/2019 | -0.828 | -0.369 | 0.004 | 0.003 | 0.834 | 0.166 |
| 0451067R/2019 | -0.778 | -0.262 | 0.004 | 0.001 | 0.898 | 0.101 |
| 0451146B/2019 | 2.503 | -0.411 | 0.038 | 0.003 | 0.771 | 0.021 |
| 0451147C/2019 | 5.498 | 0.293 | 0.186 | 0.002 | 0.840 | 0.002 |
| 0451304Y/2019 | -0.794 | -0.308 | 0.004 | 0.002 | 0.868 | 0.131 |
| 0451335G/2019 | -0.667 | -0.129 | 0.003 | 0.000 | 0.963 | 0.036 |
| 0451462V/2019 | -0.531 | -0.208 | 0.002 | 0.001 | 0.863 | 0.132 |
| 0451483T/2019 | -0.651 | -0.110 | 0.003 | 0.000 | 0.964 | 0.027 |
| 0451493D/2019 | -0.485 | 0.266 | 0.001 | 0.001 | 0.769 | 0.231 |
| 0451526P/2019 | -0.555 | -0.331 | 0.002 | 0.002 | 0.714 | 0.254 |
| 0451535Z/2019 | -0.400 | -0.013 | 0.001 | 0.000 | 0.994 | 0.001 |
| 0451565G/2019 | -0.616 | 0.219 | 0.002 | 0.001 | 0.887 | 0.112 |
| 0451638L/2019 | 4.716 | 0.299 | 0.137 | 0.002 | 0.964 | 0.004 |
| 0451662M/2019 | -0.480 | 0.047 | 0.001 | 0.000 | 0.965 | 0.009 |
| 0460007H/2019 | -0.496 | -0.245 | 0.002 | 0.001 | 0.788 | 0.192 |
| 0460010L/2019 | -0.786 | -0.312 | 0.004 | 0.002 | 0.863 | 0.136 |
| 0460028F/2019 | -0.717 | -0.229 | 0.003 | 0.001 | 0.905 | 0.092 |
| 0460038S/2019 | -0.577 | -0.326 | 0.002 | 0.002 | 0.753 | 0.240 |
| 0460490H/2019 | -0.616 | -0.065 | 0.002 | 0.000 | 0.989 | 0.011 |
| 0460493L/2019 | -0.732 | -0.260 | 0.003 | 0.001 | 0.885 | 0.112 |
| 0460529A/2019 | -0.750 | -0.243 | 0.003 | 0.001 | 0.905 | 0.095 |
| 0460580F/2019 | 4.726 | -1.380 | 0.137 | 0.037 | 0.759 | 0.065 |
| 0460697H/2019 | 0.118 | -0.014 | 0.000 | 0.000 | 0.385 | 0.005 |
| 0470001W/2019 | -0.246 | -0.254 | 0.000 | 0.001 | 0.411 | 0.439 |
| 0470003Y/2019 | -0.554 | -0.151 | 0.002 | 0.000 | 0.930 | 0.069 |
| 0470004Z/2019 | -0.481 | -0.304 | 0.001 | 0.002 | 0.708 | 0.283 |
| 0470009E/2019 | -0.128 | -0.197 | 0.000 | 0.001 | 0.097 | 0.231 |
| 0470019R/2019 | -0.646 | -0.220 | 0.003 | 0.001 | 0.892 | 0.103 |
| 0470020S/2019 | -0.667 | -0.121 | 0.003 | 0.000 | 0.966 | 0.032 |
| 0470029B/2019 | -0.786 | -0.257 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0470038L/2019 | -0.642 | -0.128 | 0.003 | 0.000 | 0.962 | 0.038 |
| 0470060K/2019 | -0.656 | -0.034 | 0.003 | 0.000 | 0.997 | 0.003 |
| 0470662P/2019 | -0.669 | -0.082 | 0.003 | 0.000 | 0.984 | 0.015 |
| 0470747G/2019 | 6.054 | -1.604 | 0.225 | 0.050 | 0.777 | 0.055 |
| 0470800P/2019 | 5.129 | -1.684 | 0.162 | 0.055 | 0.746 | 0.080 |
| 0470801R/2019 | 4.913 | -1.564 | 0.148 | 0.048 | 0.752 | 0.076 |
| 0470823P/2019 | -0.691 | -0.022 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0470884F/2019 | -0.155 | 0.694 | 0.000 | 0.009 | 0.047 | 0.936 |
| 0470927C/2019 | 0.140 | 0.363 | 0.000 | 0.003 | 0.125 | 0.847 |
| 0470947Z/2019 | 0.289 | 0.906 | 0.001 | 0.016 | 0.089 | 0.880 |
| 0470974D/2019 | -0.624 | 0.222 | 0.002 | 0.001 | 0.887 | 0.113 |
| 0471036W/2019 | -0.535 | -0.230 | 0.002 | 0.001 | 0.807 | 0.149 |
| 0480007X/2019 | -0.353 | -0.040 | 0.001 | 0.000 | 0.855 | 0.011 |
| 0480009Z/2019 | -0.642 | -0.199 | 0.003 | 0.001 | 0.912 | 0.087 |
| 0480022N/2019 | -0.749 | -0.264 | 0.003 | 0.001 | 0.889 | 0.110 |
| 0480023P/2019 | -0.655 | -0.032 | 0.003 | 0.000 | 0.990 | 0.002 |
| 0480025S/2019 | -0.560 | -0.129 | 0.002 | 0.000 | 0.920 | 0.049 |
| 0480502K/2019 | -0.592 | 0.000 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0480514Y/2019 | -0.476 | -0.129 | 0.001 | 0.000 | 0.931 | 0.068 |
| 0480635E/2019 | -0.630 | 0.063 | 0.002 | 0.000 | 0.986 | 0.010 |
| 0480653Z/2019 | 4.331 | -1.540 | 0.115 | 0.046 | 0.734 | 0.093 |
| 0480657D/2019 | -0.637 | -0.095 | 0.002 | 0.000 | 0.976 | 0.022 |
| 0480680D/2019 | -0.688 | 0.062 | 0.003 | 0.000 | 0.992 | 0.008 |
| 0480682F/2019 | -0.640 | -0.215 | 0.003 | 0.001 | 0.890 | 0.100 |
| 0480688M/2019 | -0.791 | -0.257 | 0.004 | 0.001 | 0.905 | 0.095 |
| 0480713P/2019 | -0.508 | 0.044 | 0.002 | 0.000 | 0.971 | 0.007 |
| 0490002L/2019 | 0.206 | -0.183 | 0.000 | 0.001 | 0.491 | 0.389 |
| 0490003M/2019 | -0.259 | -0.011 | 0.000 | 0.000 | 0.994 | 0.002 |
| 0490018D/2019 | -0.500 | -0.183 | 0.002 | 0.001 | 0.879 | 0.118 |
| 0490040C/2019 | -0.195 | -0.285 | 0.000 | 0.002 | 0.210 | 0.448 |
| 0490054T/2019 | -0.397 | -0.287 | 0.001 | 0.002 | 0.609 | 0.319 |
| 0490055U/2019 | -0.606 | -0.096 | 0.002 | 0.000 | 0.974 | 0.024 |
| 0490068H/2019 | -0.456 | 0.169 | 0.001 | 0.001 | 0.865 | 0.119 |
| 0490072M/2019 | 0.802 | 2.067 | 0.004 | 0.083 | 0.131 | 0.869 |
| 0490073N/2019 | -0.576 | -0.020 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0490075R/2019 | -0.359 | 0.131 | 0.001 | 0.000 | 0.841 | 0.112 |
| 0490076S/2019 | -0.361 | 0.758 | 0.001 | 0.011 | 0.185 | 0.814 |
| 0490077T/2019 | -0.339 | -0.032 | 0.001 | 0.000 | 0.794 | 0.007 |
| 0490769V/2019 | 1.036 | 0.016 | 0.007 | 0.000 | 0.982 | 0.000 |
| 0490782J/2019 | -0.821 | -0.390 | 0.004 | 0.003 | 0.816 | 0.184 |
| 0490811R/2019 | -0.072 | 1.109 | 0.000 | 0.024 | 0.004 | 0.994 |
| 0490824E/2019 | -0.592 | -0.164 | 0.002 | 0.001 | 0.924 | 0.071 |
| 0490828J/2019 | -0.831 | -0.297 | 0.004 | 0.002 | 0.887 | 0.113 |
| 0490838V/2019 | -0.755 | -0.214 | 0.004 | 0.001 | 0.925 | 0.074 |
| 0490840X/2019 | -0.674 | -0.107 | 0.003 | 0.000 | 0.974 | 0.025 |
| 0490886X/2019 | -0.650 | -0.172 | 0.003 | 0.001 | 0.930 | 0.065 |
| 0490890B/2019 | 0.044 | 0.456 | 0.000 | 0.004 | 0.007 | 0.771 |
| 0490904S/2019 | -0.578 | 0.032 | 0.002 | 0.000 | 0.984 | 0.003 |
| 0490946M/2019 | -0.327 | -0.140 | 0.001 | 0.000 | 0.796 | 0.147 |
| 0490970N/2019 | 0.703 | 1.614 | 0.003 | 0.051 | 0.158 | 0.833 |
| 0491027A/2019 | -0.611 | 0.102 | 0.002 | 0.000 | 0.972 | 0.027 |
| 0491679J/2019 | 3.654 | -0.541 | 0.082 | 0.006 | 0.787 | 0.017 |
| 0491793H/2019 | 3.124 | -1.047 | 0.060 | 0.021 | 0.707 | 0.079 |
| 0491966W/2019 | -0.092 | 0.070 | 0.000 | 0.000 | 0.621 | 0.356 |
| 0492015Z/2019 | -0.354 | -0.172 | 0.001 | 0.001 | 0.796 | 0.188 |
| 0492061Z/2019 | 1.014 | -0.480 | 0.006 | 0.004 | 0.669 | 0.150 |
| 0492089E/2019 | 0.465 | -0.316 | 0.001 | 0.002 | 0.678 | 0.314 |
| 0492113F/2019 | -0.227 | 0.539 | 0.000 | 0.006 | 0.148 | 0.834 |
| 0492123S/2019 | -0.510 | -0.242 | 0.002 | 0.001 | 0.814 | 0.183 |
| 0492137G/2019 | -0.177 | 0.463 | 0.000 | 0.004 | 0.123 | 0.842 |
| 0492148U/2019 | -0.155 | -0.104 | 0.000 | 0.000 | 0.323 | 0.146 |
| 0492180D/2019 | 0.262 | 1.483 | 0.000 | 0.043 | 0.030 | 0.964 |
| 0492189N/2019 | -0.507 | 0.220 | 0.002 | 0.001 | 0.841 | 0.158 |
| 0492191R/2019 | 1.173 | -0.146 | 0.008 | 0.000 | 0.657 | 0.010 |
| 0492224B/2019 | -0.558 | -0.177 | 0.002 | 0.001 | 0.885 | 0.089 |
| 0492226D/2019 | 2.477 | -0.598 | 0.038 | 0.007 | 0.935 | 0.054 |
| 0492246A/2019 | -0.323 | -0.256 | 0.001 | 0.001 | 0.584 | 0.366 |
| 0492259P/2019 | -0.752 | -0.180 | 0.003 | 0.001 | 0.945 | 0.054 |
| 0492298G/2019 | -0.435 | 0.249 | 0.001 | 0.001 | 0.753 | 0.247 |
| 0492342E/2019 | -0.773 | -0.315 | 0.004 | 0.002 | 0.856 | 0.142 |
| 0492360Z/2019 | -0.434 | 0.393 | 0.001 | 0.003 | 0.544 | 0.447 |
| 0492371L/2019 | 5.341 | -0.205 | 0.175 | 0.001 | 0.826 | 0.001 |
| 0492406Z/2019 | -0.573 | -0.048 | 0.002 | 0.000 | 0.993 | 0.007 |
| 0492407A/2019 | -0.469 | -0.134 | 0.001 | 0.000 | 0.892 | 0.073 |
| 0492420P/2019 | -0.730 | -0.198 | 0.003 | 0.001 | 0.931 | 0.068 |
| 0492432C/2019 | -0.777 | -0.261 | 0.004 | 0.001 | 0.898 | 0.102 |
| 0492466P/2019 | -0.209 | 1.065 | 0.000 | 0.022 | 0.037 | 0.963 |
| 0500002F/2019 | -0.280 | -0.269 | 0.000 | 0.001 | 0.455 | 0.423 |
| 0500016W/2019 | -0.447 | 0.219 | 0.001 | 0.001 | 0.800 | 0.192 |
| 0500017X/2019 | -0.613 | -0.215 | 0.002 | 0.001 | 0.889 | 0.109 |
| 0500026G/2019 | -0.390 | -0.217 | 0.001 | 0.001 | 0.729 | 0.224 |
| 0500036T/2019 | -0.730 | -0.260 | 0.003 | 0.001 | 0.885 | 0.112 |
| 0500049G/2019 | -0.376 | -0.227 | 0.001 | 0.001 | 0.618 | 0.224 |
| 0500060U/2019 | -0.621 | -0.128 | 0.002 | 0.000 | 0.957 | 0.040 |
| 0500065Z/2019 | -0.494 | 0.233 | 0.001 | 0.001 | 0.817 | 0.182 |
| 0500087Y/2019 | -0.745 | -0.223 | 0.003 | 0.001 | 0.917 | 0.082 |
| 0500112A/2019 | -0.690 | -0.129 | 0.003 | 0.000 | 0.966 | 0.034 |
| 0500119H/2019 | -0.612 | -0.279 | 0.002 | 0.002 | 0.826 | 0.172 |
| 0500120J/2019 | -0.646 | -0.099 | 0.003 | 0.000 | 0.976 | 0.023 |
| 0500127S/2019 | -0.585 | -0.108 | 0.002 | 0.000 | 0.950 | 0.032 |
| 0501213X/2019 | -0.670 | -0.232 | 0.003 | 0.001 | 0.893 | 0.107 |
| 0501219D/2019 | -0.480 | -0.238 | 0.001 | 0.001 | 0.796 | 0.195 |
| 0501234V/2019 | -0.586 | -0.111 | 0.002 | 0.000 | 0.965 | 0.034 |
| 0501299R/2019 | -0.614 | -0.118 | 0.002 | 0.000 | 0.960 | 0.035 |
| 0501513Y/2019 | 2.071 | -0.417 | 0.026 | 0.003 | 0.752 | 0.030 |
| 0501528P/2019 | 2.344 | -0.750 | 0.034 | 0.011 | 0.712 | 0.073 |
| 0501677B/2019 | -0.743 | -0.290 | 0.003 | 0.002 | 0.868 | 0.132 |
| 0501700B/2019 | 2.064 | -0.361 | 0.026 | 0.003 | 0.758 | 0.023 |
| 0501735P/2019 | -0.650 | -0.035 | 0.003 | 0.000 | 0.996 | 0.003 |
| 0501744Z/2019 | -0.813 | -0.296 | 0.004 | 0.002 | 0.882 | 0.117 |
| 0501828R/2019 | -0.386 | 0.195 | 0.001 | 0.001 | 0.786 | 0.200 |
| 0501839C/2019 | -0.478 | -0.055 | 0.001 | 0.000 | 0.964 | 0.013 |
| 0501840D/2019 | -0.548 | 0.108 | 0.002 | 0.000 | 0.962 | 0.038 |
| 0501850P/2019 | -0.293 | -0.219 | 0.001 | 0.001 | 0.508 | 0.284 |
| 0501893L/2019 | -0.052 | 0.458 | 0.000 | 0.004 | 0.012 | 0.979 |
| 0501928Z/2019 | -0.131 | 0.178 | 0.000 | 0.001 | 0.265 | 0.491 |
| 0502009M/2019 | -0.646 | -0.307 | 0.003 | 0.002 | 0.813 | 0.183 |
| 0510007F/2019 | -0.711 | -0.257 | 0.003 | 0.001 | 0.884 | 0.115 |
| 0510031G/2019 | 0.118 | 0.316 | 0.000 | 0.002 | 0.121 | 0.861 |
| 0510032H/2019 | -0.081 | 0.953 | 0.000 | 0.018 | 0.007 | 0.988 |
| 0510034K/2019 | -0.376 | 0.192 | 0.001 | 0.001 | 0.784 | 0.204 |
| 0510035L/2019 | -0.214 | -0.127 | 0.000 | 0.000 | 0.498 | 0.174 |
| 0510036M/2019 | -0.838 | -0.294 | 0.004 | 0.002 | 0.890 | 0.109 |
| 0510037N/2019 | -0.633 | -0.283 | 0.002 | 0.002 | 0.833 | 0.166 |
| 0510038P/2019 | -0.202 | -0.067 | 0.000 | 0.000 | 0.335 | 0.037 |
| 0510062R/2019 | -0.744 | -0.268 | 0.003 | 0.001 | 0.885 | 0.114 |
| 0510065U/2019 | -0.223 | 0.008 | 0.000 | 0.000 | 0.530 | 0.001 |
| 0510068X/2019 | -0.315 | -0.108 | 0.001 | 0.000 | 0.825 | 0.097 |
| 0510075E/2019 | -0.841 | -0.436 | 0.004 | 0.004 | 0.788 | 0.211 |
| 0511026N/2019 | 0.353 | 0.643 | 0.001 | 0.008 | 0.229 | 0.759 |
| 0511145T/2019 | -0.488 | -0.087 | 0.001 | 0.000 | 0.946 | 0.030 |
| 0511146U/2019 | -0.654 | -0.322 | 0.003 | 0.002 | 0.803 | 0.194 |
| 0511147V/2019 | -0.658 | -0.079 | 0.003 | 0.000 | 0.983 | 0.014 |
| 0511196Y/2019 | -0.717 | -0.237 | 0.003 | 0.001 | 0.901 | 0.099 |
| 0511219Y/2019 | -0.556 | 0.022 | 0.002 | 0.000 | 0.998 | 0.002 |
| 0511296G/2019 | 0.720 | 2.019 | 0.003 | 0.080 | 0.113 | 0.886 |
| 0511430C/2019 | -0.463 | -0.177 | 0.001 | 0.001 | 0.868 | 0.128 |
| 0511556P/2019 | -0.647 | -0.097 | 0.003 | 0.000 | 0.970 | 0.022 |
| 0511565Z/2019 | -0.693 | -0.264 | 0.003 | 0.001 | 0.871 | 0.126 |
| 0511570E/2019 | 1.423 | 0.710 | 0.012 | 0.010 | 0.671 | 0.167 |
| 0511571F/2019 | 1.123 | -0.470 | 0.008 | 0.004 | 0.599 | 0.105 |
| 0511572G/2019 | 2.780 | 0.883 | 0.047 | 0.015 | 0.778 | 0.079 |
| 0511574J/2019 | -0.394 | -0.151 | 0.001 | 0.000 | 0.785 | 0.115 |
| 0511645L/2019 | -0.582 | 0.209 | 0.002 | 0.001 | 0.886 | 0.114 |
| 0511678X/2019 | -0.650 | 0.051 | 0.003 | 0.000 | 0.989 | 0.006 |
| 0511884W/2019 | -0.721 | -0.260 | 0.003 | 0.001 | 0.884 | 0.115 |
| 0511901P/2019 | -0.253 | -0.112 | 0.000 | 0.000 | 0.776 | 0.151 |
| 0511926S/2019 | -0.208 | -0.415 | 0.000 | 0.003 | 0.159 | 0.634 |
| 0511951U/2019 | -0.444 | -0.002 | 0.001 | 0.000 | 0.994 | 0.000 |
| 0512004B/2019 | -0.449 | 0.014 | 0.001 | 0.000 | 0.991 | 0.001 |
| 0512070Y/2019 | -0.514 | 0.277 | 0.002 | 0.001 | 0.771 | 0.224 |
| 0512115X/2019 | -0.438 | 0.211 | 0.001 | 0.001 | 0.786 | 0.182 |
| 0520008B/2019 | -0.806 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0520021R/2019 | -0.792 | -0.285 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0520027X/2019 | -0.662 | -0.197 | 0.003 | 0.001 | 0.916 | 0.081 |
| 0520028Y/2019 | -0.745 | -0.273 | 0.003 | 0.001 | 0.880 | 0.118 |
| 0520679F/2019 | -0.765 | -0.211 | 0.004 | 0.001 | 0.929 | 0.071 |
| 0520685M/2019 | -0.741 | -0.112 | 0.003 | 0.000 | 0.977 | 0.022 |
| 0520727H/2019 | -0.591 | -0.160 | 0.002 | 0.000 | 0.922 | 0.067 |
| 0520844K/2019 | -0.599 | -0.012 | 0.002 | 0.000 | 0.999 | 0.000 |
| 0520867K/2019 | 0.782 | -0.133 | 0.004 | 0.000 | 0.625 | 0.018 |
| 0520953D/2019 | 0.789 | -0.241 | 0.004 | 0.001 | 0.589 | 0.055 |
| 0521032P/2019 | -0.712 | -0.282 | 0.003 | 0.002 | 0.863 | 0.135 |
| 0530004S/2019 | -0.474 | -0.005 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0530010Y/2019 | -0.408 | -0.158 | 0.001 | 0.000 | 0.868 | 0.130 |
| 0530011Z/2019 | -0.566 | -0.172 | 0.002 | 0.001 | 0.913 | 0.085 |
| 0530012A/2019 | -0.559 | -0.216 | 0.002 | 0.001 | 0.865 | 0.129 |
| 0530013B/2019 | -0.819 | -0.247 | 0.004 | 0.001 | 0.916 | 0.083 |
| 0530016E/2019 | -0.377 | -0.037 | 0.001 | 0.000 | 0.986 | 0.009 |
| 0530048P/2019 | -0.709 | -0.286 | 0.003 | 0.002 | 0.856 | 0.139 |
| 0530049R/2019 | -0.467 | -0.103 | 0.001 | 0.000 | 0.923 | 0.045 |
| 0530068L/2019 | -0.568 | 0.030 | 0.002 | 0.000 | 0.995 | 0.003 |
| 0530079Y/2019 | -0.658 | -0.139 | 0.003 | 0.000 | 0.956 | 0.043 |
| 0530081A/2019 | -0.555 | -0.126 | 0.002 | 0.000 | 0.949 | 0.049 |
| 0530735L/2019 | 1.745 | -0.347 | 0.019 | 0.002 | 0.718 | 0.028 |
| 0530816Z/2019 | -0.607 | 0.129 | 0.002 | 0.000 | 0.957 | 0.043 |
| 0530818B/2019 | -0.649 | -0.001 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0530878S/2019 | 1.585 | 0.022 | 0.015 | 0.000 | 0.756 | 0.000 |
| 0530934C/2019 | 0.147 | 1.040 | 0.000 | 0.021 | 0.019 | 0.969 |
| 0530939H/2019 | -0.461 | -0.077 | 0.001 | 0.000 | 0.944 | 0.027 |
| 0530951W/2019 | 0.593 | 0.461 | 0.002 | 0.004 | 0.620 | 0.375 |
| 0530959E/2019 | -0.602 | 0.185 | 0.002 | 0.001 | 0.913 | 0.087 |
| 0530997W/2019 | 0.735 | -0.033 | 0.003 | 0.000 | 0.756 | 0.002 |
| 0540015Y/2019 | -0.806 | -0.251 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0540030P/2019 | -0.652 | -0.231 | 0.003 | 0.001 | 0.888 | 0.111 |
| 0540032S/2019 | -0.822 | -0.335 | 0.004 | 0.002 | 0.857 | 0.142 |
| 0540034U/2019 | -0.351 | -0.108 | 0.001 | 0.000 | 0.865 | 0.082 |
| 0540038Y/2019 | 0.334 | 0.364 | 0.001 | 0.003 | 0.454 | 0.540 |
| 0540040A/2019 | -0.153 | -0.115 | 0.000 | 0.000 | 0.580 | 0.331 |
| 0540041B/2019 | 0.062 | -0.256 | 0.000 | 0.001 | 0.041 | 0.700 |
| 0540042C/2019 | -0.541 | -0.146 | 0.002 | 0.000 | 0.929 | 0.068 |
| 0540044E/2019 | -0.391 | -0.123 | 0.001 | 0.000 | 0.822 | 0.081 |
| 0540058V/2019 | -0.426 | -0.017 | 0.001 | 0.000 | 0.946 | 0.002 |
| 0540066D/2019 | -0.548 | 0.018 | 0.002 | 0.000 | 0.993 | 0.001 |
| 0540076P/2019 | -0.629 | -0.272 | 0.002 | 0.001 | 0.838 | 0.157 |
| 0540081V/2019 | -0.791 | -0.203 | 0.004 | 0.001 | 0.938 | 0.062 |
| 0540082W/2019 | -0.758 | -0.214 | 0.004 | 0.001 | 0.926 | 0.073 |
| 0540098N/2019 | -0.827 | -0.458 | 0.004 | 0.004 | 0.765 | 0.235 |
| 0540130Y/2019 | 3.995 | 0.182 | 0.098 | 0.001 | 0.951 | 0.002 |
| 0540135D/2019 | 0.777 | 0.921 | 0.004 | 0.017 | 0.410 | 0.575 |
| 0541205S/2019 | 0.068 | 0.325 | 0.000 | 0.002 | 0.041 | 0.949 |
| 0541207U/2019 | -0.524 | -0.154 | 0.002 | 0.000 | 0.918 | 0.079 |
| 0541253U/2019 | -0.243 | -0.044 | 0.000 | 0.000 | 0.564 | 0.019 |
| 0541270M/2019 | -0.765 | -0.266 | 0.004 | 0.001 | 0.891 | 0.108 |
| 0541286E/2019 | -0.533 | 0.014 | 0.002 | 0.000 | 0.999 | 0.001 |
| 0541318P/2019 | -0.358 | 0.138 | 0.001 | 0.000 | 0.822 | 0.122 |
| 0541324W/2019 | 0.637 | 0.490 | 0.002 | 0.005 | 0.621 | 0.368 |
| 0541774K/2019 | 1.343 | -0.630 | 0.011 | 0.008 | 0.617 | 0.136 |
| 0541783V/2019 | -0.072 | 0.012 | 0.000 | 0.000 | 0.090 | 0.003 |
| 0541921V/2019 | -0.458 | 0.543 | 0.001 | 0.006 | 0.414 | 0.583 |
| 0542018A/2019 | 2.413 | -0.402 | 0.036 | 0.003 | 0.781 | 0.022 |
| 0542161F/2019 | -0.612 | -0.058 | 0.002 | 0.000 | 0.991 | 0.009 |
| 0542208G/2019 | -0.529 | -0.128 | 0.002 | 0.000 | 0.940 | 0.055 |
| 0542259M/2019 | 2.145 | -0.343 | 0.028 | 0.002 | 0.934 | 0.024 |
| 0542260N/2019 | -0.336 | 0.390 | 0.001 | 0.003 | 0.410 | 0.554 |
| 0542262R/2019 | -0.584 | -0.096 | 0.002 | 0.000 | 0.965 | 0.026 |
| 0542288U/2019 | -0.191 | 0.665 | 0.000 | 0.009 | 0.076 | 0.918 |
| 0542293Z/2019 | -0.761 | -0.267 | 0.004 | 0.001 | 0.889 | 0.110 |
| 0542295B/2019 | -0.808 | -0.251 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0542307P/2019 | 1.948 | -0.688 | 0.023 | 0.009 | 0.846 | 0.106 |
| 0542390E/2019 | -0.656 | 0.064 | 0.003 | 0.000 | 0.991 | 0.009 |
| 0542391F/2019 | 1.436 | 0.121 | 0.013 | 0.000 | 0.989 | 0.007 |
| 0542408Z/2019 | -0.564 | -0.056 | 0.002 | 0.000 | 0.988 | 0.010 |
| 0542448T/2019 | -0.836 | -0.330 | 0.004 | 0.002 | 0.865 | 0.135 |
| 0542455A/2019 | -0.080 | 0.664 | 0.000 | 0.009 | 0.014 | 0.982 |
| 0542493S/2019 | 0.783 | 2.121 | 0.004 | 0.088 | 0.120 | 0.878 |
| 0542519V/2019 | -0.800 | -0.200 | 0.004 | 0.001 | 0.941 | 0.059 |
| 0542526C/2019 | 3.418 | 0.663 | 0.072 | 0.009 | 0.825 | 0.031 |
| 0550002D/2019 | -0.590 | -0.034 | 0.002 | 0.000 | 0.991 | 0.003 |
| 0550003E/2019 | -0.784 | -0.259 | 0.004 | 0.001 | 0.902 | 0.098 |
| 0550004F/2019 | -0.825 | -0.254 | 0.004 | 0.001 | 0.914 | 0.086 |
| 0550008K/2019 | -0.777 | -0.262 | 0.004 | 0.001 | 0.898 | 0.102 |
| 0550025D/2019 | -0.609 | -0.115 | 0.002 | 0.000 | 0.963 | 0.034 |
| 0550049E/2019 | -0.647 | -0.100 | 0.003 | 0.000 | 0.969 | 0.023 |
| 0550072E/2019 | -0.593 | -0.160 | 0.002 | 0.001 | 0.929 | 0.068 |
| 0550752U/2019 | -0.763 | -0.248 | 0.004 | 0.001 | 0.904 | 0.096 |
| 0550842S/2019 | 1.605 | 0.331 | 0.016 | 0.002 | 0.780 | 0.033 |
| 0550928K/2019 | 1.039 | -0.428 | 0.007 | 0.004 | 0.611 | 0.104 |
| 0560008E/2019 | -0.855 | -0.387 | 0.004 | 0.003 | 0.830 | 0.170 |
| 0560013K/2019 | -0.570 | -0.050 | 0.002 | 0.000 | 0.992 | 0.008 |
| 0560016N/2019 | -0.389 | -0.033 | 0.001 | 0.000 | 0.991 | 0.007 |
| 0560025Y/2019 | -0.294 | 0.047 | 0.001 | 0.000 | 0.971 | 0.025 |
| 0560026Z/2019 | -0.653 | -0.097 | 0.003 | 0.000 | 0.971 | 0.021 |
| 0560027A/2019 | -0.391 | -0.239 | 0.001 | 0.001 | 0.616 | 0.231 |
| 0560038M/2019 | -0.259 | -0.074 | 0.000 | 0.000 | 0.865 | 0.071 |
| 0560039N/2019 | -0.769 | -0.265 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0560042S/2019 | -0.842 | -0.293 | 0.004 | 0.002 | 0.892 | 0.108 |
| 0560051B/2019 | -0.241 | -0.016 | 0.000 | 0.000 | 0.994 | 0.004 |
| 0560053D/2019 | -0.821 | -0.300 | 0.004 | 0.002 | 0.882 | 0.118 |
| 0560070X/2019 | -0.847 | -0.327 | 0.004 | 0.002 | 0.870 | 0.130 |
| 0560085N/2019 | -0.829 | -0.333 | 0.004 | 0.002 | 0.861 | 0.139 |
| 0560105K/2019 | -0.535 | 0.015 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0560114V/2019 | -0.291 | 0.116 | 0.001 | 0.000 | 0.763 | 0.122 |
| 0560117Y/2019 | -0.431 | 0.049 | 0.001 | 0.000 | 0.978 | 0.013 |
| 0560180S/2019 | -0.504 | -0.060 | 0.002 | 0.000 | 0.985 | 0.014 |
| 0560181T/2019 | -0.678 | -0.104 | 0.003 | 0.000 | 0.972 | 0.023 |
| 0560182U/2019 | -0.585 | -0.086 | 0.002 | 0.000 | 0.976 | 0.021 |
| 0560198L/2019 | -0.731 | -0.192 | 0.003 | 0.001 | 0.934 | 0.064 |
| 0560200N/2019 | -0.324 | -0.048 | 0.001 | 0.000 | 0.726 | 0.016 |
| 0560858D/2019 | -0.570 | 0.027 | 0.002 | 0.000 | 0.998 | 0.002 |
| 0560861G/2019 | 1.421 | 0.949 | 0.012 | 0.018 | 0.691 | 0.308 |
| 0561310V/2019 | 3.770 | -0.509 | 0.087 | 0.005 | 0.800 | 0.015 |
| 0561311W/2019 | 3.425 | -0.348 | 0.072 | 0.002 | 0.807 | 0.008 |
| 0561363C/2019 | -0.122 | 0.550 | 0.000 | 0.006 | 0.045 | 0.907 |
| 0561414H/2019 | 2.959 | -0.289 | 0.054 | 0.002 | 0.798 | 0.008 |
| 0561454B/2019 | -0.576 | -0.061 | 0.002 | 0.000 | 0.989 | 0.011 |
| 0561463L/2019 | -0.688 | 0.012 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0561486L/2019 | -0.801 | -0.307 | 0.004 | 0.002 | 0.872 | 0.128 |
| 0561534N/2019 | -0.245 | -0.082 | 0.000 | 0.000 | 0.898 | 0.101 |
| 0561607T/2019 | -0.390 | -0.029 | 0.001 | 0.000 | 0.930 | 0.005 |
| 0561627P/2019 | 0.216 | -0.230 | 0.000 | 0.001 | 0.404 | 0.461 |
| 0561641E/2019 | -0.788 | -0.258 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0561687E/2019 | -0.114 | 0.998 | 0.000 | 0.019 | 0.013 | 0.987 |
| 0561698S/2019 | -0.488 | -0.239 | 0.001 | 0.001 | 0.795 | 0.191 |
| 0561718N/2019 | 0.079 | 1.363 | 0.000 | 0.036 | 0.003 | 0.996 |
| 0561739L/2019 | 0.271 | 1.263 | 0.000 | 0.031 | 0.044 | 0.955 |
| 0561767S/2019 | -0.307 | -0.213 | 0.001 | 0.001 | 0.514 | 0.248 |
| 0561808L/2019 | -0.351 | 0.257 | 0.001 | 0.001 | 0.650 | 0.349 |
| 0561890A/2019 | 1.687 | -0.640 | 0.017 | 0.008 | 0.802 | 0.115 |
| 0561895F/2019 | -0.279 | 0.102 | 0.000 | 0.000 | 0.702 | 0.093 |
| 0570021N/2019 | -0.644 | -0.144 | 0.003 | 0.000 | 0.950 | 0.047 |
| 0570023R/2019 | -0.452 | -0.012 | 0.001 | 0.000 | 0.998 | 0.001 |
| 0570029X/2019 | -0.510 | -0.084 | 0.002 | 0.000 | 0.970 | 0.026 |
| 0570030Y/2019 | -0.397 | -0.164 | 0.001 | 0.001 | 0.762 | 0.130 |
| 0570054Z/2019 | 0.213 | 0.494 | 0.000 | 0.005 | 0.154 | 0.829 |
| 0570057C/2019 | 0.123 | 0.055 | 0.000 | 0.000 | 0.562 | 0.112 |
| 0570058D/2019 | -0.662 | -0.203 | 0.003 | 0.001 | 0.913 | 0.086 |
| 0570061G/2019 | -0.834 | -0.242 | 0.004 | 0.001 | 0.922 | 0.077 |
| 0570085H/2019 | -0.484 | -0.001 | 0.001 | 0.000 | 0.994 | 0.000 |
| 0570086J/2019 | -0.672 | -0.207 | 0.003 | 0.001 | 0.913 | 0.087 |
| 0570087K/2019 | -0.757 | -0.233 | 0.004 | 0.001 | 0.912 | 0.087 |
| 0570094T/2019 | -0.651 | -0.124 | 0.003 | 0.000 | 0.965 | 0.035 |
| 0570098X/2019 | -0.457 | -0.010 | 0.001 | 0.000 | 0.996 | 0.000 |
| 0570099Y/2019 | -0.730 | -0.238 | 0.003 | 0.001 | 0.903 | 0.096 |
| 0570108H/2019 | -0.690 | -0.185 | 0.003 | 0.001 | 0.928 | 0.067 |
| 0570112M/2019 | -0.622 | -0.010 | 0.002 | 0.000 | 1.000 | 0.000 |
| 0570124A/2019 | -0.800 | -0.253 | 0.004 | 0.001 | 0.909 | 0.091 |
| 0570140T/2019 | 0.952 | 0.103 | 0.006 | 0.000 | 0.873 | 0.010 |
| 0570146Z/2019 | -0.634 | -0.131 | 0.002 | 0.000 | 0.959 | 0.041 |
| 0570175F/2019 | 0.639 | 0.912 | 0.003 | 0.016 | 0.327 | 0.666 |
| 0570210U/2019 | -0.579 | -0.010 | 0.002 | 0.000 | 0.993 | 0.000 |
| 0570279U/2019 | -0.644 | -0.141 | 0.003 | 0.000 | 0.934 | 0.045 |
| 0570309B/2019 | -0.494 | -0.061 | 0.002 | 0.000 | 0.940 | 0.014 |
| 0570311D/2019 | -0.524 | -0.005 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0570313F/2019 | -0.499 | 0.022 | 0.002 | 0.000 | 0.991 | 0.002 |
| 0572022N/2019 | -0.619 | -0.151 | 0.002 | 0.000 | 0.937 | 0.056 |
| 0572027U/2019 | -0.412 | -0.102 | 0.001 | 0.000 | 0.923 | 0.057 |
| 0572028V/2019 | -0.790 | -0.256 | 0.004 | 0.001 | 0.905 | 0.095 |
| 0572075W/2019 | -0.800 | -0.253 | 0.004 | 0.001 | 0.909 | 0.091 |
| 0572081C/2019 | 0.366 | 1.320 | 0.001 | 0.034 | 0.071 | 0.925 |
| 0572341K/2019 | -0.779 | -0.202 | 0.004 | 0.001 | 0.937 | 0.063 |
| 0572589E/2019 | 2.645 | -0.016 | 0.043 | 0.000 | 0.826 | 0.000 |
| 0572590F/2019 | -0.698 | -0.189 | 0.003 | 0.001 | 0.929 | 0.068 |
| 0572694U/2019 | 1.446 | -0.114 | 0.013 | 0.000 | 0.763 | 0.005 |
| 0572695V/2019 | 1.456 | -0.135 | 0.013 | 0.000 | 0.761 | 0.007 |
| 0572696W/2019 | 2.154 | -0.232 | 0.029 | 0.001 | 0.791 | 0.009 |
| 0572697X/2019 | 3.880 | 0.852 | 0.093 | 0.014 | 0.827 | 0.040 |
| 0572757M/2019 | -0.108 | 0.190 | 0.000 | 0.001 | 0.151 | 0.466 |
| 0572981F/2019 | 1.157 | -0.483 | 0.008 | 0.005 | 0.621 | 0.108 |
| 0573227Y/2019 | -0.548 | -0.019 | 0.002 | 0.000 | 0.982 | 0.001 |
| 0573231C/2019 | -0.750 | -0.271 | 0.003 | 0.001 | 0.883 | 0.116 |
| 0573281G/2019 | -0.318 | -0.455 | 0.001 | 0.004 | 0.326 | 0.667 |
| 0573320Z/2019 | -0.588 | 0.051 | 0.002 | 0.000 | 0.992 | 0.007 |
| 0573366Z/2019 | -0.632 | -0.244 | 0.002 | 0.001 | 0.860 | 0.128 |
| 0573389Z/2019 | -0.531 | 0.279 | 0.002 | 0.002 | 0.780 | 0.216 |
| 0573430U/2019 | 0.159 | 0.949 | 0.000 | 0.018 | 0.026 | 0.948 |
| 0573433X/2019 | -0.302 | 0.135 | 0.001 | 0.000 | 0.825 | 0.164 |
| 0573434Y/2019 | -0.053 | 0.304 | 0.000 | 0.002 | 0.028 | 0.891 |
| 0573435Z/2019 | -0.237 | 0.246 | 0.000 | 0.001 | 0.478 | 0.516 |
| 0573519R/2019 | -0.329 | 0.182 | 0.001 | 0.001 | 0.716 | 0.219 |
| 0573627H/2019 | -0.566 | -0.030 | 0.002 | 0.000 | 0.991 | 0.003 |
| 0573770N/2019 | -0.601 | -0.115 | 0.002 | 0.000 | 0.953 | 0.035 |
| 0580014A/2019 | -0.672 | -0.136 | 0.003 | 0.000 | 0.960 | 0.039 |
| 0580031U/2019 | -0.703 | -0.158 | 0.003 | 0.000 | 0.950 | 0.048 |
| 0580032V/2019 | -0.632 | -0.175 | 0.002 | 0.001 | 0.928 | 0.071 |
| 0580050P/2019 | -0.483 | -0.299 | 0.001 | 0.002 | 0.671 | 0.257 |
| 0580055V/2019 | -0.629 | -0.173 | 0.002 | 0.001 | 0.928 | 0.070 |
| 0580071M/2019 | -0.742 | -0.201 | 0.003 | 0.001 | 0.931 | 0.068 |
| 0580552K/2019 | -0.659 | -0.218 | 0.003 | 0.001 | 0.895 | 0.098 |
| 0580582T/2019 | -0.706 | -0.231 | 0.003 | 0.001 | 0.903 | 0.097 |
| 0580650S/2019 | 2.265 | 0.267 | 0.032 | 0.001 | 0.798 | 0.011 |
| 0580661D/2019 | -0.787 | -0.239 | 0.004 | 0.001 | 0.915 | 0.084 |
| 0580753D/2019 | -0.585 | -0.321 | 0.002 | 0.002 | 0.755 | 0.228 |
| 0580758J/2019 | -0.051 | 0.617 | 0.000 | 0.007 | 0.006 | 0.936 |
| 0580761M/2019 | -0.691 | -0.235 | 0.003 | 0.001 | 0.895 | 0.103 |
| 0580766T/2019 | 1.961 | 0.156 | 0.024 | 0.000 | 0.896 | 0.006 |
| 0590010R/2019 | -0.528 | -0.051 | 0.002 | 0.000 | 0.985 | 0.009 |
| 0590011S/2019 | -0.658 | -0.161 | 0.003 | 0.001 | 0.942 | 0.057 |
| 0590015W/2019 | -0.836 | -0.259 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0590018Z/2019 | -0.646 | 0.070 | 0.003 | 0.000 | 0.988 | 0.011 |
| 0590034S/2019 | -0.493 | -0.126 | 0.001 | 0.000 | 0.934 | 0.061 |
| 0590035T/2019 | -0.394 | -0.158 | 0.001 | 0.000 | 0.803 | 0.130 |
| 0590037V/2019 | -0.808 | -0.162 | 0.004 | 0.001 | 0.961 | 0.039 |
| 0590042A/2019 | -0.574 | 0.029 | 0.002 | 0.000 | 0.994 | 0.003 |
| 0590044C/2019 | -0.837 | -0.295 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0590060V/2019 | -0.694 | -0.201 | 0.003 | 0.001 | 0.922 | 0.077 |
| 0590063Y/2019 | -0.044 | 0.086 | 0.000 | 0.000 | 0.145 | 0.545 |
| 0590064Z/2019 | -0.419 | -0.092 | 0.001 | 0.000 | 0.931 | 0.045 |
| 0590065A/2019 | -0.725 | -0.170 | 0.003 | 0.001 | 0.946 | 0.052 |
| 0590071G/2019 | -0.430 | 0.118 | 0.001 | 0.000 | 0.925 | 0.069 |
| 0590072H/2019 | -0.676 | -0.098 | 0.003 | 0.000 | 0.976 | 0.020 |
| 0590073J/2019 | -0.417 | -0.022 | 0.001 | 0.000 | 0.978 | 0.003 |
| 0590083V/2019 | -0.731 | -0.196 | 0.003 | 0.001 | 0.933 | 0.067 |
| 0590093F/2019 | -0.781 | -0.242 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0590098L/2019 | -0.369 | -0.034 | 0.001 | 0.000 | 0.852 | 0.007 |
| 0590101P/2019 | -0.388 | -0.132 | 0.001 | 0.000 | 0.877 | 0.101 |
| 0590102Q/2019 | -0.155 | 0.367 | 0.000 | 0.003 | 0.148 | 0.828 |
| 0590110Z/2019 | -0.393 | -0.130 | 0.001 | 0.000 | 0.898 | 0.098 |
| 0590111A/2019 | -0.790 | -0.203 | 0.004 | 0.001 | 0.938 | 0.062 |
| 0590112B/2019 | -0.591 | 0.034 | 0.002 | 0.000 | 0.997 | 0.003 |
| 0590117G/2019 | 0.659 | -0.161 | 0.003 | 0.001 | 0.869 | 0.052 |
| 0590119J/2019 | 0.901 | 0.629 | 0.005 | 0.008 | 0.663 | 0.323 |
| 0590121L/2019 | -0.571 | -0.080 | 0.002 | 0.000 | 0.970 | 0.019 |
| 0590122M/2019 | -0.013 | -0.220 | 0.000 | 0.001 | 0.001 | 0.405 |
| 0590125R/2019 | -0.360 | 0.189 | 0.001 | 0.001 | 0.784 | 0.215 |
| 0590149S/2019 | -0.733 | -0.143 | 0.003 | 0.000 | 0.962 | 0.037 |
| 0590184E/2019 | -0.362 | -0.361 | 0.001 | 0.003 | 0.495 | 0.495 |
| 0590185F/2019 | -0.296 | -0.107 | 0.001 | 0.000 | 0.846 | 0.110 |
| 0590192N/2019 | -0.522 | 0.012 | 0.002 | 0.000 | 0.994 | 0.001 |
| 0590207E/2019 | -0.538 | -0.018 | 0.002 | 0.000 | 0.989 | 0.001 |
| 0590214M/2019 | -0.640 | -0.086 | 0.003 | 0.000 | 0.975 | 0.018 |
| 0590215N/2019 | -0.229 | -0.279 | 0.000 | 0.002 | 0.296 | 0.439 |
| 0590221V/2019 | -0.134 | 0.264 | 0.000 | 0.001 | 0.200 | 0.783 |
| 0590222W/2019 | -0.371 | 0.079 | 0.001 | 0.000 | 0.929 | 0.042 |
| 0590223X/2019 | -0.688 | -0.121 | 0.003 | 0.000 | 0.966 | 0.030 |
| 0590233H/2019 | -0.359 | 0.074 | 0.001 | 0.000 | 0.928 | 0.040 |
| 0590249A/2019 | -0.642 | -0.304 | 0.003 | 0.002 | 0.811 | 0.182 |
| 0590255G/2019 | -0.491 | -0.042 | 0.001 | 0.000 | 0.981 | 0.007 |
| 0590258K/2019 | 0.249 | -0.083 | 0.000 | 0.000 | 0.714 | 0.080 |
| 0590266U/2019 | -0.834 | -0.242 | 0.004 | 0.001 | 0.922 | 0.077 |
| 0590270Y/2019 | -0.834 | -0.242 | 0.004 | 0.001 | 0.922 | 0.078 |
| 0590282L/2019 | -0.327 | -0.049 | 0.001 | 0.000 | 0.830 | 0.019 |
| 0590302H/2019 | -0.662 | -0.408 | 0.003 | 0.003 | 0.723 | 0.274 |
| 0590311T/2019 | 0.277 | -0.014 | 0.000 | 0.000 | 0.541 | 0.001 |
| 0590337W/2019 | 0.157 | 0.323 | 0.000 | 0.002 | 0.181 | 0.765 |
| 0590340Z/2019 | -0.259 | 0.692 | 0.000 | 0.009 | 0.121 | 0.869 |
| 0590343C/2019 | 0.829 | 1.934 | 0.004 | 0.073 | 0.155 | 0.844 |
| 0590345E/2019 | -0.069 | 0.388 | 0.000 | 0.003 | 0.026 | 0.837 |
| 0590347G/2019 | -0.390 | -0.180 | 0.001 | 0.001 | 0.792 | 0.168 |
| 0590348H/2019 | -0.241 | 0.094 | 0.000 | 0.000 | 0.768 | 0.117 |
| 0592602H/2019 | 0.617 | 0.410 | 0.002 | 0.003 | 0.694 | 0.306 |
| 0592607N/2019 | -0.555 | 0.200 | 0.002 | 0.001 | 0.885 | 0.114 |
| 0592608P/2019 | 0.060 | 0.978 | 0.000 | 0.019 | 0.004 | 0.993 |
| 0592611T/2019 | -0.741 | -0.274 | 0.003 | 0.001 | 0.880 | 0.120 |
| 0592757B/2019 | -0.390 | 0.148 | 0.001 | 0.000 | 0.835 | 0.121 |
| 0592806E/2019 | -0.221 | 0.685 | 0.000 | 0.009 | 0.095 | 0.905 |
| 0592808G/2019 | 0.900 | 3.848 | 0.005 | 0.289 | 0.052 | 0.948 |
| 0592916Z/2019 | -0.676 | -0.027 | 0.003 | 0.000 | 0.998 | 0.002 |
| 0592921E/2019 | -0.590 | -0.041 | 0.002 | 0.000 | 0.995 | 0.005 |
| 0592926K/2019 | -0.612 | -0.093 | 0.002 | 0.000 | 0.977 | 0.022 |
| 0592928M/2019 | -0.584 | 0.069 | 0.002 | 0.000 | 0.977 | 0.014 |
| 0592932S/2019 | -0.463 | 0.222 | 0.001 | 0.001 | 0.812 | 0.186 |
| 0592940A/2019 | 0.212 | 0.854 | 0.000 | 0.014 | 0.058 | 0.942 |
| 0592963A/2019 | -0.750 | -0.180 | 0.003 | 0.001 | 0.944 | 0.054 |
| 0592965C/2019 | -0.574 | -0.021 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0592967E/2019 | -0.496 | -0.084 | 0.002 | 0.000 | 0.950 | 0.027 |
| 0592969G/2019 | -0.634 | 0.100 | 0.002 | 0.000 | 0.975 | 0.024 |
| 0592976P/2019 | -0.808 | -0.162 | 0.004 | 0.001 | 0.961 | 0.039 |
| 0593006X/2019 | -0.520 | -0.041 | 0.002 | 0.000 | 0.976 | 0.006 |
| 0593007Y/2019 | -0.717 | -0.106 | 0.003 | 0.000 | 0.977 | 0.022 |
| 0593015G/2019 | -0.808 | -0.162 | 0.004 | 0.001 | 0.961 | 0.039 |
| 0593027V/2019 | -0.735 | -0.062 | 0.003 | 0.000 | 0.993 | 0.007 |
| 0593030Y/2019 | -0.511 | 0.012 | 0.002 | 0.000 | 0.947 | 0.001 |
| 0593034C/2019 | -0.716 | -0.103 | 0.003 | 0.000 | 0.980 | 0.020 |
| 0593036E/2019 | -0.676 | -0.027 | 0.003 | 0.000 | 0.998 | 0.002 |
| 0593040J/2019 | -0.741 | -0.094 | 0.003 | 0.000 | 0.984 | 0.016 |
| 0593052X/2019 | 0.381 | 1.093 | 0.001 | 0.023 | 0.107 | 0.885 |
| 0593058D/2019 | -0.669 | -0.041 | 0.003 | 0.000 | 0.996 | 0.004 |
| 0593060F/2019 | -0.817 | -0.248 | 0.004 | 0.001 | 0.916 | 0.084 |
| 0593061G/2019 | -0.599 | 0.004 | 0.002 | 0.000 | 0.998 | 0.000 |
| 0593071T/2019 | -0.627 | -0.043 | 0.002 | 0.000 | 0.995 | 0.005 |
| 0593077Z/2019 | -0.752 | -0.137 | 0.003 | 0.000 | 0.967 | 0.032 |
| 0593078A/2019 | -0.438 | 0.076 | 0.001 | 0.000 | 0.904 | 0.028 |
| 0593104D/2019 | -0.666 | 0.006 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0593109J/2019 | -0.293 | 0.169 | 0.001 | 0.001 | 0.698 | 0.234 |
| 0593114P/2019 | -0.174 | 0.128 | 0.000 | 0.000 | 0.620 | 0.336 |
| 0593117T/2019 | -0.526 | 0.054 | 0.002 | 0.000 | 0.989 | 0.010 |
| 0593136N/2019 | -0.650 | 0.054 | 0.003 | 0.000 | 0.993 | 0.007 |
| 0593199G/2019 | -0.350 | 0.510 | 0.001 | 0.005 | 0.313 | 0.664 |
| 0593203L/2019 | 3.683 | 0.434 | 0.083 | 0.004 | 0.851 | 0.012 |
| 0593206P/2019 | 0.366 | 1.063 | 0.001 | 0.022 | 0.100 | 0.843 |
| 0593255T/2019 | -0.597 | -0.112 | 0.002 | 0.000 | 0.965 | 0.034 |
| 0593256U/2019 | -0.682 | -0.026 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0593257V/2019 | -0.507 | 0.130 | 0.002 | 0.000 | 0.938 | 0.061 |
| 0593279U/2019 | 0.064 | 1.097 | 0.000 | 0.023 | 0.003 | 0.996 |
| 0593395V/2019 | -0.658 | -0.211 | 0.003 | 0.001 | 0.906 | 0.094 |
| 0593500E/2019 | -0.180 | -0.242 | 0.000 | 0.001 | 0.297 | 0.537 |
| 0594278E/2019 | -0.762 | -0.178 | 0.004 | 0.001 | 0.948 | 0.052 |
| 0594365Z/2019 | -0.241 | 0.397 | 0.000 | 0.003 | 0.268 | 0.726 |
| 0594366A/2019 | 0.189 | 0.138 | 0.000 | 0.000 | 0.280 | 0.150 |
| 0594391C/2019 | -0.357 | -0.395 | 0.001 | 0.003 | 0.417 | 0.510 |
| 0594424N/2019 | -0.007 | -0.157 | 0.000 | 0.000 | 0.001 | 0.621 |
| 0594581J/2019 | 1.534 | 1.487 | 0.014 | 0.043 | 0.508 | 0.478 |
| 0594658T/2019 | -0.417 | 0.423 | 0.001 | 0.003 | 0.490 | 0.504 |
| 0594893Y/2019 | 7.673 | -1.148 | 0.362 | 0.026 | 0.836 | 0.019 |
| 0594895A/2019 | 3.582 | -0.368 | 0.079 | 0.003 | 0.835 | 0.009 |
| 0594898D/2019 | 3.600 | 0.052 | 0.080 | 0.000 | 0.853 | 0.000 |
| 0594899E/2019 | 4.494 | 0.178 | 0.124 | 0.001 | 0.855 | 0.001 |
| 0594900F/2019 | 2.871 | -0.618 | 0.051 | 0.007 | 0.779 | 0.036 |
| 0594901G/2019 | 2.443 | 0.367 | 0.037 | 0.003 | 0.824 | 0.019 |
| 0595009Z/2019 | 3.123 | -0.239 | 0.060 | 0.001 | 0.830 | 0.005 |
| 0595124Z/2019 | -0.606 | 0.055 | 0.002 | 0.000 | 0.990 | 0.008 |
| 0595252N/2019 | 2.377 | 0.068 | 0.035 | 0.000 | 0.829 | 0.001 |
| 0595254R/2019 | 3.490 | -0.480 | 0.075 | 0.004 | 0.823 | 0.016 |
| 0595338G/2019 | 3.481 | -0.185 | 0.074 | 0.001 | 0.975 | 0.003 |
| 0595521F/2019 | 3.031 | -0.103 | 0.056 | 0.000 | 0.833 | 0.001 |
| 0595523H/2019 | 4.487 | -0.176 | 0.124 | 0.001 | 0.855 | 0.001 |
| 0595616J/2019 | -0.594 | 0.005 | 0.002 | 0.000 | 0.999 | 0.000 |
| 0595657D/2019 | -0.686 | -0.183 | 0.003 | 0.001 | 0.931 | 0.066 |
| 0595770B/2019 | -0.685 | -0.203 | 0.003 | 0.001 | 0.919 | 0.081 |
| 0595786U/2019 | -0.632 | -0.211 | 0.002 | 0.001 | 0.897 | 0.100 |
| 0595788W/2019 | 4.852 | -0.769 | 0.145 | 0.012 | 0.824 | 0.021 |
| 0595790Y/2019 | 3.937 | -0.266 | 0.095 | 0.001 | 0.840 | 0.004 |
| 0595809U/2019 | -0.432 | -0.141 | 0.001 | 0.000 | 0.881 | 0.094 |
| 0595856V/2019 | -0.567 | -0.060 | 0.002 | 0.000 | 0.962 | 0.011 |
| 0595867G/2019 | 0.115 | -0.194 | 0.000 | 0.001 | 0.150 | 0.429 |
| 0595868H/2019 | 3.025 | 0.424 | 0.056 | 0.004 | 0.935 | 0.018 |
| 0595872M/2019 | -0.199 | 0.353 | 0.000 | 0.002 | 0.223 | 0.701 |
| 0595874P/2019 | -0.450 | 0.238 | 0.001 | 0.001 | 0.776 | 0.217 |
| 0595884A/2019 | -0.511 | 0.043 | 0.002 | 0.000 | 0.992 | 0.007 |
| 0595885B/2019 | -0.507 | 0.007 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0595964M/2019 | -0.161 | 0.764 | 0.000 | 0.011 | 0.042 | 0.957 |
| 0595996X/2019 | -0.215 | 0.711 | 0.000 | 0.010 | 0.084 | 0.915 |
| 0596011N/2019 | 0.507 | 2.432 | 0.002 | 0.115 | 0.042 | 0.958 |
| 0596039U/2019 | 3.279 | 6.510 | 0.066 | 0.827 | 0.202 | 0.796 |
| 0596146K/2019 | -0.491 | 0.128 | 0.001 | 0.000 | 0.919 | 0.062 |
| 0596147L/2019 | -0.760 | -0.221 | 0.004 | 0.001 | 0.920 | 0.078 |
| 0596149N/2019 | -0.684 | -0.024 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0596162C/2019 | 1.000 | 2.688 | 0.006 | 0.141 | 0.121 | 0.876 |
| 0596183A/2019 | -0.268 | 0.285 | 0.000 | 0.002 | 0.396 | 0.446 |
| 0596244S/2019 | -0.185 | 0.513 | 0.000 | 0.005 | 0.115 | 0.881 |
| 0596406T/2019 | -0.654 | 0.021 | 0.003 | 0.000 | 0.995 | 0.001 |
| 0596610P/2019 | 3.665 | -0.714 | 0.083 | 0.010 | 0.952 | 0.036 |
| 0596854E/2019 | -0.471 | -0.026 | 0.001 | 0.000 | 0.981 | 0.003 |
| 0596950J/2019 | -0.716 | -0.014 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0596951K/2019 | -0.453 | 0.258 | 0.001 | 0.001 | 0.735 | 0.239 |
| 0596953M/2019 | 1.546 | 2.187 | 0.015 | 0.093 | 0.328 | 0.657 |
| 0597009Y/2019 | -0.264 | 0.258 | 0.000 | 0.001 | 0.457 | 0.438 |
| 0597065J/2019 | 1.034 | 2.131 | 0.007 | 0.089 | 0.190 | 0.806 |
| 0597097U/2019 | -0.770 | -0.289 | 0.004 | 0.002 | 0.875 | 0.123 |
| 0597098V/2019 | -0.705 | -0.229 | 0.003 | 0.001 | 0.897 | 0.094 |
| 0600001A/2019 | -0.361 | -0.068 | 0.001 | 0.000 | 0.942 | 0.033 |
| 0600002B/2019 | -0.751 | -0.271 | 0.003 | 0.001 | 0.884 | 0.115 |
| 0600009J/2019 | -0.538 | -0.191 | 0.002 | 0.001 | 0.884 | 0.112 |
| 0600013N/2019 | -0.459 | -0.151 | 0.001 | 0.000 | 0.895 | 0.097 |
| 0600014P/2019 | -0.259 | 0.154 | 0.000 | 0.000 | 0.737 | 0.260 |
| 0600015R/2019 | -0.676 | -0.209 | 0.003 | 0.001 | 0.913 | 0.087 |
| 0600020W/2019 | -0.639 | -0.195 | 0.003 | 0.001 | 0.915 | 0.085 |
| 0600021X/2019 | -0.426 | -0.125 | 0.001 | 0.000 | 0.886 | 0.076 |
| 0600040T/2019 | -0.599 | -0.236 | 0.002 | 0.001 | 0.862 | 0.133 |
| 0600048B/2019 | -0.813 | -0.339 | 0.004 | 0.002 | 0.852 | 0.148 |
| 0600071B/2019 | 0.139 | 1.555 | 0.000 | 0.047 | 0.008 | 0.992 |
| 0600075R/2019 | -0.191 | 0.079 | 0.000 | 0.000 | 0.854 | 0.145 |
| 0601149Y/2019 | -0.661 | -0.033 | 0.003 | 0.000 | 0.995 | 0.003 |
| 0601164P/2019 | -0.693 | -0.057 | 0.003 | 0.000 | 0.993 | 0.007 |
| 0601194X/2019 | -0.637 | -0.131 | 0.002 | 0.000 | 0.957 | 0.040 |
| 0601223D/2019 | 6.499 | 3.257 | 0.260 | 0.207 | 0.791 | 0.199 |
| 0601223H/2019 | -0.406 | -0.221 | 0.001 | 0.001 | 0.752 | 0.224 |
| 0601700X/2019 | -0.706 | -0.195 | 0.003 | 0.001 | 0.928 | 0.071 |
| 0601701Y/2019 | -0.605 | -0.031 | 0.002 | 0.000 | 0.990 | 0.003 |
| 0601748Z/2019 | 2.510 | 0.437 | 0.039 | 0.004 | 0.804 | 0.024 |
| 0601749A/2019 | 2.328 | 0.512 | 0.033 | 0.005 | 0.792 | 0.038 |
| 0601782L/2019 | -0.665 | -0.281 | 0.003 | 0.002 | 0.848 | 0.151 |
| 0601823F/2019 | -0.526 | -0.251 | 0.002 | 0.001 | 0.781 | 0.178 |
| 0601824G/2019 | 0.261 | -0.240 | 0.000 | 0.001 | 0.346 | 0.291 |
| 0601826J/2019 | -0.198 | -0.094 | 0.000 | 0.000 | 0.676 | 0.151 |
| 0601831P/2019 | -0.627 | -0.043 | 0.002 | 0.000 | 0.995 | 0.005 |
| 0601832R/2019 | -0.454 | -0.010 | 0.001 | 0.000 | 0.984 | 0.000 |
| 0601845E/2019 | -0.746 | -0.270 | 0.003 | 0.001 | 0.883 | 0.115 |
| 0601863Z/2019 | -0.077 | -0.140 | 0.000 | 0.000 | 0.103 | 0.341 |
| 0601864A/2019 | -0.463 | -0.007 | 0.001 | 0.000 | 0.991 | 0.000 |
| 0601865B/2019 | -0.587 | -0.268 | 0.002 | 0.001 | 0.819 | 0.171 |
| 0601895J/2019 | -0.037 | 0.675 | 0.000 | 0.009 | 0.003 | 0.988 |
| 0601910A/2019 | -0.031 | 1.092 | 0.000 | 0.023 | 0.001 | 0.994 |
| 0601962G/2019 | 1.707 | 0.425 | 0.018 | 0.004 | 0.766 | 0.047 |
| 0601983E/2019 | 0.453 | 0.757 | 0.001 | 0.011 | 0.263 | 0.734 |
| 0602176P/2019 | -0.678 | -0.291 | 0.003 | 0.002 | 0.835 | 0.154 |
| 0610001V/2019 | -0.816 | -0.373 | 0.004 | 0.003 | 0.827 | 0.173 |
| 0610002W/2019 | -0.457 | -0.215 | 0.001 | 0.001 | 0.787 | 0.174 |
| 0610006A/2019 | -0.661 | -0.245 | 0.003 | 0.001 | 0.877 | 0.120 |
| 0610018N/2019 | -0.530 | -0.182 | 0.002 | 0.001 | 0.892 | 0.105 |
| 0610021S/2019 | -0.667 | -0.335 | 0.003 | 0.002 | 0.792 | 0.200 |
| 0610026X/2019 | -0.829 | -0.405 | 0.004 | 0.003 | 0.807 | 0.192 |
| 0610692W/2019 | -0.737 | -0.114 | 0.003 | 0.000 | 0.977 | 0.023 |
| 0610694Y/2019 | -0.640 | -0.127 | 0.003 | 0.000 | 0.958 | 0.038 |
| 0610698C/2019 | -0.688 | -0.082 | 0.003 | 0.000 | 0.986 | 0.014 |
| 0610724F/2019 | -0.695 | -0.287 | 0.003 | 0.002 | 0.853 | 0.146 |
| 0610790C/2019 | -0.472 | -0.018 | 0.001 | 0.000 | 0.998 | 0.001 |
| 0610994Z/2019 | 2.107 | -0.215 | 0.027 | 0.001 | 0.777 | 0.008 |
| 0610995A/2019 | 1.342 | -0.470 | 0.011 | 0.004 | 0.664 | 0.082 |
| 0611097L/2019 | 2.115 | -0.696 | 0.027 | 0.009 | 0.703 | 0.076 |
| 0611148S/2019 | -0.615 | -0.153 | 0.002 | 0.000 | 0.938 | 0.058 |
| 0611149T/2019 | -0.383 | 0.232 | 0.001 | 0.001 | 0.731 | 0.268 |
| 0611175W/2019 | -0.602 | 0.162 | 0.002 | 0.001 | 0.933 | 0.067 |
| 0611205D/2019 | 0.913 | 2.410 | 0.005 | 0.113 | 0.125 | 0.869 |
| 0611270Z/2019 | -0.656 | -0.165 | 0.003 | 0.001 | 0.932 | 0.059 |
| 0620006V/2019 | -0.131 | 0.113 | 0.000 | 0.000 | 0.562 | 0.418 |
| 0620011A/2019 | -0.585 | -0.165 | 0.002 | 0.001 | 0.926 | 0.073 |
| 0620027T/2019 | -0.485 | -0.195 | 0.001 | 0.001 | 0.848 | 0.138 |
| 0620040G/2019 | -0.440 | -0.014 | 0.001 | 0.000 | 0.970 | 0.001 |
| 0620042J/2019 | -0.437 | -0.113 | 0.001 | 0.000 | 0.937 | 0.062 |
| 0620052V/2019 | -0.691 | -0.158 | 0.003 | 0.000 | 0.947 | 0.049 |
| 0620056Z/2019 | -0.628 | -0.122 | 0.002 | 0.000 | 0.963 | 0.036 |
| 0620062F/2019 | -0.487 | -0.053 | 0.001 | 0.000 | 0.983 | 0.012 |
| 0620063G/2019 | -0.394 | -0.029 | 0.001 | 0.000 | 0.953 | 0.005 |
| 0620070P/2019 | -0.531 | 0.015 | 0.002 | 0.000 | 0.992 | 0.001 |
| 0620093P/2019 | -0.401 | -0.028 | 0.001 | 0.000 | 0.983 | 0.005 |
| 0620095S/2019 | -0.619 | -0.049 | 0.002 | 0.000 | 0.987 | 0.006 |
| 0620108F/2019 | -0.350 | -0.043 | 0.001 | 0.000 | 0.903 | 0.013 |
| 0620109G/2019 | -0.386 | -0.148 | 0.001 | 0.000 | 0.825 | 0.121 |
| 0620113L/2019 | -0.330 | -0.120 | 0.001 | 0.000 | 0.798 | 0.106 |
| 0620120U/2019 | -0.451 | -0.009 | 0.001 | 0.000 | 0.943 | 0.000 |
| 0620140R/2019 | -0.541 | 0.018 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0620161N/2019 | -0.513 | 0.009 | 0.002 | 0.000 | 0.995 | 0.000 |
| 0620166U/2019 | -0.541 | 0.018 | 0.002 | 0.000 | 0.994 | 0.001 |
| 0620190V/2019 | -0.763 | -0.239 | 0.004 | 0.001 | 0.910 | 0.089 |
| 0620215X/2019 | -0.214 | 0.616 | 0.000 | 0.007 | 0.108 | 0.892 |
| 0620229M/2019 | -0.836 | -0.294 | 0.004 | 0.002 | 0.890 | 0.110 |
| 0620256S/2019 | -0.159 | 0.125 | 0.000 | 0.000 | 0.533 | 0.327 |
| 0620257T/2019 | -0.396 | -0.173 | 0.001 | 0.001 | 0.731 | 0.140 |
| 0622110G/2019 | -0.756 | -0.090 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0622114L/2019 | -0.666 | -0.048 | 0.003 | 0.000 | 0.994 | 0.005 |
| 0622196A/2019 | -0.627 | 0.033 | 0.002 | 0.000 | 0.997 | 0.003 |
| 0622198C/2019 | -0.615 | 0.057 | 0.002 | 0.000 | 0.991 | 0.009 |
| 0622199D/2019 | -0.638 | -0.152 | 0.003 | 0.000 | 0.940 | 0.054 |
| 0622238W/2019 | -0.182 | 0.513 | 0.000 | 0.005 | 0.107 | 0.845 |
| 0622257S/2019 | -0.511 | -0.190 | 0.002 | 0.001 | 0.877 | 0.122 |
| 0622276M/2019 | -0.334 | -0.135 | 0.001 | 0.000 | 0.713 | 0.116 |
| 0622384E/2019 | -0.376 | 0.297 | 0.001 | 0.002 | 0.593 | 0.369 |
| 0622801H/2019 | -0.795 | -0.256 | 0.004 | 0.001 | 0.906 | 0.094 |
| 0622803K/2019 | -0.722 | -0.202 | 0.003 | 0.001 | 0.925 | 0.073 |
| 0622807P/2019 | -0.534 | 0.211 | 0.002 | 0.001 | 0.865 | 0.135 |
| 0622949U/2019 | -0.502 | 0.019 | 0.002 | 0.000 | 0.990 | 0.001 |
| 0623133U/2019 | 3.355 | -0.312 | 0.069 | 0.002 | 0.827 | 0.007 |
| 0623134V/2019 | 4.473 | -0.099 | 0.123 | 0.000 | 0.850 | 0.000 |
| 0623135W/2019 | 2.964 | 0.272 | 0.054 | 0.001 | 0.843 | 0.007 |
| 0623136X/2019 | 2.256 | 0.019 | 0.031 | 0.000 | 0.817 | 0.000 |
| 0623137Y/2019 | 2.849 | 0.062 | 0.050 | 0.000 | 0.832 | 0.000 |
| 0623138Z/2019 | 2.580 | -0.562 | 0.041 | 0.006 | 0.774 | 0.037 |
| 0623139A/2019 | 3.268 | -0.162 | 0.066 | 0.001 | 0.840 | 0.002 |
| 0623218L/2019 | -0.283 | 0.254 | 0.000 | 0.001 | 0.526 | 0.424 |
| 0623276Z/2019 | -0.696 | -0.020 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0623277A/2019 | -0.610 | 0.047 | 0.002 | 0.000 | 0.990 | 0.006 |
| 0623279C/2019 | -0.699 | -0.020 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0623328F/2019 | -0.797 | -0.130 | 0.004 | 0.000 | 0.974 | 0.026 |
| 0623786D/2019 | -0.638 | 0.138 | 0.003 | 0.000 | 0.955 | 0.045 |
| 0623844S/2019 | 2.791 | 0.257 | 0.048 | 0.001 | 0.834 | 0.007 |
| 0623845T/2019 | 2.264 | 0.299 | 0.031 | 0.002 | 0.822 | 0.014 |
| 0623864N/2019 | -0.467 | -0.332 | 0.001 | 0.002 | 0.630 | 0.319 |
| 0623902E/2019 | -0.269 | -0.111 | 0.000 | 0.000 | 0.610 | 0.104 |
| 0623903F/2019 | -0.748 | -0.325 | 0.003 | 0.002 | 0.841 | 0.159 |
| 0623911P/2019 | 0.207 | 1.283 | 0.000 | 0.032 | 0.025 | 0.975 |
| 0623915U/2019 | -0.381 | -0.033 | 0.001 | 0.000 | 0.942 | 0.007 |
| 0623920Z/2019 | -0.075 | 0.824 | 0.000 | 0.013 | 0.008 | 0.989 |
| 0623957P/2019 | -0.025 | 0.928 | 0.000 | 0.017 | 0.001 | 0.995 |
| 0623960T/2019 | -0.473 | 0.366 | 0.001 | 0.003 | 0.617 | 0.368 |
| 0623981R/2019 | -0.625 | -0.132 | 0.002 | 0.000 | 0.955 | 0.043 |
| 0623985V/2019 | 0.696 | 1.140 | 0.003 | 0.025 | 0.268 | 0.719 |
| 0624055W/2019 | -0.470 | 0.223 | 0.001 | 0.001 | 0.806 | 0.181 |
| 0624062D/2019 | -0.422 | 0.102 | 0.001 | 0.000 | 0.944 | 0.055 |
| 0624064F/2019 | -0.369 | 0.231 | 0.001 | 0.001 | 0.683 | 0.267 |
| 0624065G/2019 | -0.635 | -0.154 | 0.002 | 0.000 | 0.934 | 0.055 |
| 0624109E/2019 | -0.474 | 0.008 | 0.001 | 0.000 | 0.990 | 0.000 |
| 0624139M/2019 | -0.022 | 0.621 | 0.000 | 0.008 | 0.001 | 0.981 |
| 0624140N/2019 | -0.302 | -0.114 | 0.001 | 0.000 | 0.834 | 0.118 |
| 0624141P/2019 | -0.615 | -0.049 | 0.002 | 0.000 | 0.993 | 0.006 |
| 0624237U/2019 | -0.132 | 0.288 | 0.000 | 0.002 | 0.166 | 0.791 |
| 0624429C/2019 | -0.484 | 0.227 | 0.001 | 0.001 | 0.810 | 0.179 |
| 0624430D/2019 | -0.323 | -0.006 | 0.001 | 0.000 | 0.965 | 0.000 |
| 0624440P/2019 | -0.335 | -0.049 | 0.001 | 0.000 | 0.943 | 0.020 |
| 0624488S/2019 | -0.795 | -0.272 | 0.004 | 0.001 | 0.894 | 0.105 |
| 0624489T/2019 | -0.756 | -0.354 | 0.004 | 0.002 | 0.813 | 0.178 |
| 0624490U/2019 | -0.574 | 0.030 | 0.002 | 0.000 | 0.988 | 0.003 |
| 0630018C/2019 | 0.300 | 0.394 | 0.001 | 0.003 | 0.366 | 0.631 |
| 0630020E/2019 | -0.101 | -0.092 | 0.000 | 0.000 | 0.264 | 0.220 |
| 0630021F/2019 | -0.586 | -0.212 | 0.002 | 0.001 | 0.880 | 0.115 |
| 0630022G/2019 | -0.683 | -0.325 | 0.003 | 0.002 | 0.811 | 0.184 |
| 0630023H/2019 | -0.064 | -0.217 | 0.000 | 0.001 | 0.024 | 0.274 |
| 0630034V/2019 | -0.407 | -0.027 | 0.001 | 0.000 | 0.994 | 0.004 |
| 0630041C/2019 | -0.778 | -0.280 | 0.004 | 0.002 | 0.885 | 0.114 |
| 0630052P/2019 | -0.388 | -0.226 | 0.001 | 0.001 | 0.708 | 0.241 |
| 0630054S/2019 | -0.500 | -0.294 | 0.002 | 0.002 | 0.703 | 0.243 |
| 0630061Z/2019 | -0.663 | -0.261 | 0.003 | 0.001 | 0.858 | 0.133 |
| 0630068G/2019 | -0.519 | -0.186 | 0.002 | 0.001 | 0.884 | 0.113 |
| 0630069H/2019 | -0.752 | -0.285 | 0.003 | 0.002 | 0.874 | 0.125 |
| 0630077S/2019 | 0.097 | -0.087 | 0.000 | 0.000 | 0.252 | 0.202 |
| 0630095L/2019 | 0.162 | 0.023 | 0.000 | 0.000 | 0.348 | 0.007 |
| 0630109B/2019 | 0.312 | 1.957 | 0.001 | 0.075 | 0.025 | 0.973 |
| 0630110C/2019 | -0.463 | 0.072 | 0.001 | 0.000 | 0.936 | 0.023 |
| 0630111D/2019 | -0.516 | 0.189 | 0.002 | 0.001 | 0.874 | 0.117 |
| 0630984C/2019 | -0.505 | -0.194 | 0.002 | 0.001 | 0.866 | 0.127 |
| 0631021T/2019 | 0.246 | 0.221 | 0.000 | 0.001 | 0.549 | 0.445 |
| 0631033F/2019 | -0.657 | -0.105 | 0.003 | 0.000 | 0.975 | 0.025 |
| 0631068U/2019 | -0.587 | -0.008 | 0.002 | 0.000 | 1.000 | 0.000 |
| 0631070W/2019 | -0.621 | -0.078 | 0.002 | 0.000 | 0.971 | 0.015 |
| 0631074A/2019 | -0.479 | 0.213 | 0.001 | 0.001 | 0.824 | 0.162 |
| 0631075B/2019 | -0.604 | -0.073 | 0.002 | 0.000 | 0.984 | 0.014 |
| 0631162W/2019 | -0.723 | -0.190 | 0.003 | 0.001 | 0.935 | 0.065 |
| 0631225P/2019 | -0.171 | -0.267 | 0.000 | 0.001 | 0.292 | 0.707 |
| 0631287G/2019 | 1.042 | 0.834 | 0.007 | 0.014 | 0.598 | 0.383 |
| 0631383L/2019 | 3.160 | -0.649 | 0.061 | 0.008 | 0.950 | 0.040 |
| 0631457S/2019 | -0.661 | -0.209 | 0.003 | 0.001 | 0.905 | 0.090 |
| 0631480S/2019 | -0.480 | -0.202 | 0.001 | 0.001 | 0.842 | 0.149 |
| 0631540G/2019 | -0.173 | -0.187 | 0.000 | 0.001 | 0.277 | 0.322 |
| 0631541H/2019 | 6.427 | -0.571 | 0.254 | 0.006 | 0.836 | 0.007 |
| 0631669X/2019 | -0.323 | 0.126 | 0.001 | 0.000 | 0.807 | 0.123 |
| 0631861F/2019 | -0.320 | -0.407 | 0.001 | 0.003 | 0.347 | 0.559 |
| 0631985R/2019 | -0.628 | -0.247 | 0.002 | 0.001 | 0.858 | 0.132 |
| 0632001H/2019 | -0.722 | -0.085 | 0.003 | 0.000 | 0.986 | 0.014 |
| 0632035V/2019 | 0.522 | 1.421 | 0.002 | 0.039 | 0.118 | 0.876 |
| 0640001D/2019 | -0.539 | -0.134 | 0.002 | 0.000 | 0.939 | 0.058 |
| 0640010N/2019 | -0.216 | -0.205 | 0.000 | 0.001 | 0.503 | 0.453 |
| 0640011P/2019 | -0.418 | -0.141 | 0.001 | 0.000 | 0.897 | 0.102 |
| 0640017W/2019 | -0.428 | -0.425 | 0.001 | 0.004 | 0.478 | 0.473 |
| 0640044A/2019 | -0.596 | -0.320 | 0.002 | 0.002 | 0.774 | 0.223 |
| 0640052J/2019 | -0.433 | -0.019 | 0.001 | 0.000 | 0.997 | 0.002 |
| 0640055M/2019 | -0.009 | 0.243 | 0.000 | 0.001 | 0.001 | 0.992 |
| 0640057P/2019 | -0.633 | -0.184 | 0.002 | 0.001 | 0.916 | 0.077 |
| 0640080P/2019 | -0.828 | -0.298 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0640096G/2019 | -0.166 | 1.049 | 0.000 | 0.021 | 0.025 | 0.974 |
| 0640111Y/2019 | -0.558 | -0.137 | 0.002 | 0.000 | 0.942 | 0.057 |
| 0640130U/2019 | -0.764 | -0.249 | 0.004 | 0.001 | 0.903 | 0.096 |
| 0640131V/2019 | -0.541 | -0.074 | 0.002 | 0.000 | 0.970 | 0.018 |
| 0640137B/2019 | -0.583 | -0.023 | 0.002 | 0.000 | 0.998 | 0.002 |
| 0640176U/2019 | -0.479 | -0.013 | 0.001 | 0.000 | 0.954 | 0.001 |
| 0640181Z/2019 | -0.811 | -0.294 | 0.004 | 0.002 | 0.884 | 0.116 |
| 0640220S/2019 | -0.540 | -0.066 | 0.002 | 0.000 | 0.985 | 0.015 |
| 0640251A/2019 | -0.102 | 0.637 | 0.000 | 0.008 | 0.025 | 0.970 |
| 0641441U/2019 | -0.425 | -0.036 | 0.001 | 0.000 | 0.943 | 0.007 |
| 0641459N/2019 | 7.591 | -1.717 | 0.354 | 0.058 | 0.796 | 0.041 |
| 0641460P/2019 | 7.047 | -1.581 | 0.305 | 0.049 | 0.797 | 0.040 |
| 0641478J/2019 | 0.728 | 0.408 | 0.003 | 0.003 | 0.759 | 0.239 |
| 0641535W/2019 | -0.721 | -0.102 | 0.003 | 0.000 | 0.980 | 0.020 |
| 0641545G/2019 | -0.656 | -0.047 | 0.003 | 0.000 | 0.995 | 0.005 |
| 0641547J/2019 | -0.586 | -0.058 | 0.002 | 0.000 | 0.990 | 0.010 |
| 0641594K/2019 | 4.912 | -1.828 | 0.148 | 0.065 | 0.725 | 0.101 |
| 0641688M/2019 | 0.474 | 1.483 | 0.001 | 0.043 | 0.092 | 0.904 |
| 0641732K/2019 | -0.274 | -0.085 | 0.000 | 0.000 | 0.909 | 0.087 |
| 0641779L/2019 | -0.732 | -0.188 | 0.003 | 0.001 | 0.937 | 0.062 |
| 0641823J/2019 | -0.020 | 0.147 | 0.000 | 0.000 | 0.008 | 0.438 |
| 0641839B/2019 | -0.279 | -0.152 | 0.000 | 0.000 | 0.574 | 0.172 |
| 0641842E/2019 | -0.180 | 0.408 | 0.000 | 0.003 | 0.150 | 0.769 |
| 0641846C/2019 | -0.036 | -0.162 | 0.000 | 0.001 | 0.020 | 0.418 |
| 0641846J/2019 | -0.789 | -0.435 | 0.004 | 0.004 | 0.767 | 0.233 |
| 0641919I/2019 | -0.300 | 0.165 | 0.001 | 0.001 | 0.723 | 0.218 |
| 0641919N/2019 | 0.064 | 0.323 | 0.000 | 0.002 | 0.037 | 0.962 |
| 0641923T/2019 | -0.824 | -0.406 | 0.004 | 0.003 | 0.805 | 0.195 |
| 0641927X/2019 | -0.364 | 0.193 | 0.001 | 0.001 | 0.736 | 0.208 |
| 0642004F/2019 | -0.006 | -0.187 | 0.000 | 0.001 | 0.000 | 0.485 |
| 0642029H/2019 | -0.405 | 0.414 | 0.001 | 0.003 | 0.480 | 0.501 |
| 0650005C/2019 | -0.628 | -0.152 | 0.002 | 0.000 | 0.937 | 0.055 |
| 0650014M/2019 | -0.786 | -0.275 | 0.004 | 0.001 | 0.890 | 0.109 |
| 0650025Z/2019 | -0.349 | -0.092 | 0.001 | 0.000 | 0.935 | 0.065 |
| 0650026A/2019 | -0.423 | -0.187 | 0.001 | 0.001 | 0.812 | 0.158 |
| 0650027B/2019 | -0.657 | -0.158 | 0.003 | 0.000 | 0.939 | 0.055 |
| 0650029D/2019 | -0.709 | -0.228 | 0.003 | 0.001 | 0.903 | 0.094 |
| 0650038N/2019 | -0.593 | -0.372 | 0.002 | 0.003 | 0.705 | 0.277 |
| 0650048Z/2019 | 2.793 | 1.126 | 0.048 | 0.025 | 0.819 | 0.133 |
| 0650058K/2019 | -0.709 | -0.228 | 0.003 | 0.001 | 0.903 | 0.093 |
| 0650065T/2019 | -0.645 | -0.129 | 0.003 | 0.000 | 0.961 | 0.039 |
| 0650139Y/2019 | -0.536 | -0.110 | 0.002 | 0.000 | 0.960 | 0.040 |
| 0650583F/2019 | 0.393 | 0.449 | 0.001 | 0.004 | 0.412 | 0.539 |
| 0650792H/2019 | 5.491 | -1.161 | 0.185 | 0.026 | 0.797 | 0.036 |
| 0650948C/2019 | -0.737 | -0.114 | 0.003 | 0.000 | 0.977 | 0.023 |
| 0660004W/2019 | -0.575 | -0.169 | 0.002 | 0.001 | 0.918 | 0.079 |
| 0660010C/2019 | -0.250 | 0.039 | 0.000 | 0.000 | 0.959 | 0.023 |
| 0660011D/2019 | -0.277 | -0.139 | 0.000 | 0.000 | 0.747 | 0.189 |
| 0660014G/2019 | -0.683 | -0.241 | 0.003 | 0.001 | 0.882 | 0.110 |
| 0660021P/2019 | -0.767 | -0.265 | 0.004 | 0.001 | 0.892 | 0.107 |
| 0660059F/2019 | -0.605 | -0.125 | 0.002 | 0.000 | 0.956 | 0.041 |
| 0660077A/2019 | -0.742 | -0.267 | 0.003 | 0.001 | 0.885 | 0.115 |
| 0660437S/2019 | -0.125 | 0.646 | 0.000 | 0.008 | 0.036 | 0.960 |
| 0660524L/2019 | 1.592 | -0.899 | 0.016 | 0.016 | 0.748 | 0.238 |
| 0660552S/2019 | -0.304 | -0.060 | 0.001 | 0.000 | 0.641 | 0.025 |
| 0660570L/2019 | 7.804 | -1.874 | 0.374 | 0.069 | 0.794 | 0.046 |
| 0660586D/2019 | 0.177 | 0.231 | 0.000 | 0.001 | 0.369 | 0.627 |
| 0660699B/2019 | -0.704 | -0.213 | 0.003 | 0.001 | 0.915 | 0.084 |
| 0660809W/2019 | -0.283 | -0.152 | 0.000 | 0.000 | 0.651 | 0.189 |
| 0660832W/2019 | 1.077 | 1.608 | 0.007 | 0.050 | 0.305 | 0.681 |
| 0660856X/2019 | -0.493 | -0.001 | 0.001 | 0.000 | 0.995 | 0.000 |
| 0660922U/2019 | -0.366 | -0.001 | 0.001 | 0.000 | 0.878 | 0.000 |
| 0660924W/2019 | -0.300 | 0.083 | 0.001 | 0.000 | 0.835 | 0.064 |
| 0660951A/2019 | -0.441 | -0.301 | 0.001 | 0.002 | 0.617 | 0.287 |
| 0670005S/2019 | -0.335 | -0.243 | 0.001 | 0.001 | 0.604 | 0.319 |
| 0670020H/2019 | -0.267 | -0.071 | 0.000 | 0.000 | 0.859 | 0.061 |
| 0670041F/2019 | -0.351 | -0.241 | 0.001 | 0.001 | 0.671 | 0.317 |
| 0670057Y/2019 | -0.582 | -0.218 | 0.002 | 0.001 | 0.875 | 0.123 |
| 0670071N/2019 | -0.343 | -0.105 | 0.001 | 0.000 | 0.866 | 0.082 |
| 0670078W/2019 | 0.364 | -0.287 | 0.001 | 0.002 | 0.551 | 0.343 |
| 0670079X/2019 | 0.029 | 0.351 | 0.000 | 0.002 | 0.005 | 0.795 |
| 0670080Y/2019 | 0.925 | 1.041 | 0.005 | 0.021 | 0.440 | 0.557 |
| 0670081Z/2019 | -0.360 | 0.190 | 0.001 | 0.001 | 0.779 | 0.216 |
| 0670084C/2019 | 0.027 | -0.219 | 0.000 | 0.001 | 0.006 | 0.370 |
| 0670085D/2019 | -0.507 | -0.092 | 0.002 | 0.000 | 0.943 | 0.031 |
| 0670086E/2019 | 0.065 | -0.178 | 0.000 | 0.001 | 0.076 | 0.562 |
| 0670087F/2019 | -0.241 | 0.331 | 0.000 | 0.002 | 0.332 | 0.623 |
| 0670089H/2019 | -0.381 | -0.127 | 0.001 | 0.000 | 0.886 | 0.099 |
| 0670114K/2019 | -0.724 | -0.280 | 0.003 | 0.002 | 0.869 | 0.130 |
| 0670129B/2019 | -0.685 | -0.289 | 0.003 | 0.002 | 0.841 | 0.150 |
| 0670141P/2019 | -0.807 | -0.453 | 0.004 | 0.004 | 0.760 | 0.240 |
| 0670186N/2019 | 1.228 | 0.881 | 0.009 | 0.015 | 0.644 | 0.332 |
| 0670190T/2019 | 7.409 | 0.193 | 0.337 | 0.001 | 0.990 | 0.001 |
| 0670482E/2019 | -0.275 | 0.025 | 0.000 | 0.000 | 0.854 | 0.007 |
| 0671509B/2019 | -0.718 | -0.187 | 0.003 | 0.001 | 0.934 | 0.063 |
| 0671557D/2019 | 0.176 | 0.302 | 0.000 | 0.002 | 0.254 | 0.745 |
| 0671602C/2019 | -0.595 | -0.020 | 0.002 | 0.000 | 0.997 | 0.001 |
| 0671609K/2019 | -0.537 | 0.247 | 0.002 | 0.001 | 0.825 | 0.175 |
| 0671636P/2019 | -0.564 | -0.162 | 0.002 | 0.001 | 0.916 | 0.076 |
| 0671639T/2019 | -0.452 | -0.094 | 0.001 | 0.000 | 0.942 | 0.040 |
| 0671685T/2019 | -0.687 | -0.172 | 0.003 | 0.001 | 0.941 | 0.059 |
| 0671779V/2019 | -0.653 | -0.140 | 0.003 | 0.000 | 0.952 | 0.044 |
| 0671832C/2019 | -0.590 | -0.165 | 0.002 | 0.001 | 0.922 | 0.072 |
| 0672050P/2019 | -0.358 | -0.042 | 0.001 | 0.000 | 0.959 | 0.013 |
| 0672198A/2019 | -0.484 | -0.265 | 0.001 | 0.001 | 0.761 | 0.228 |
| 0672336A/2019 | 1.368 | -0.619 | 0.011 | 0.007 | 0.616 | 0.126 |
| 0672337B/2019 | 1.672 | -0.556 | 0.017 | 0.006 | 0.682 | 0.075 |
| 0672338C/2019 | 1.737 | -0.842 | 0.019 | 0.014 | 0.619 | 0.145 |
| 0672339D/2019 | 1.572 | -0.471 | 0.015 | 0.004 | 0.691 | 0.062 |
| 0672341F/2019 | 3.816 | 0.042 | 0.089 | 0.000 | 0.833 | 0.000 |
| 0672462M/2019 | -0.087 | 0.185 | 0.000 | 0.001 | 0.179 | 0.804 |
| 0672534R/2019 | -0.692 | -0.131 | 0.003 | 0.000 | 0.962 | 0.034 |
| 0672602P/2019 | -0.754 | -0.108 | 0.003 | 0.000 | 0.980 | 0.020 |
| 0672615D/2019 | -0.815 | -0.276 | 0.004 | 0.001 | 0.897 | 0.103 |
| 0672616E/2019 | -0.588 | -0.073 | 0.002 | 0.000 | 0.981 | 0.015 |
| 0672684D/2019 | -0.356 | -0.126 | 0.001 | 0.000 | 0.709 | 0.089 |
| 0672834S/2019 | -0.370 | 0.216 | 0.001 | 0.001 | 0.726 | 0.246 |
| 0672852L/2019 | -0.604 | -0.256 | 0.002 | 0.001 | 0.830 | 0.149 |
| 0672867C/2019 | 2.942 | -0.550 | 0.053 | 0.006 | 0.777 | 0.027 |
| 0672877N/2019 | -0.447 | 0.505 | 0.001 | 0.005 | 0.439 | 0.561 |
| 0672981B/2019 | 1.576 | -0.419 | 0.015 | 0.003 | 0.701 | 0.050 |
| 0672996T/2019 | -0.608 | -0.190 | 0.002 | 0.001 | 0.901 | 0.088 |
| 0673015N/2019 | 0.512 | 1.890 | 0.002 | 0.070 | 0.068 | 0.929 |
| 0673021E/2019 | 0.195 | -0.094 | 0.000 | 0.000 | 0.375 | 0.087 |
| 0673021V/2019 | 0.466 | 1.447 | 0.001 | 0.041 | 0.094 | 0.902 |
| 0673064S/2019 | -0.061 | 1.010 | 0.000 | 0.020 | 0.004 | 0.978 |
| 0680001G/2019 | -0.520 | -0.237 | 0.002 | 0.001 | 0.814 | 0.169 |
| 0680003J/2019 | -0.652 | -0.088 | 0.003 | 0.000 | 0.982 | 0.018 |
| 0680007N/2019 | -0.325 | -0.050 | 0.001 | 0.000 | 0.843 | 0.020 |
| 0680008P/2019 | -0.374 | -0.056 | 0.001 | 0.000 | 0.975 | 0.022 |
| 0680010S/2019 | -0.606 | -0.282 | 0.002 | 0.002 | 0.822 | 0.177 |
| 0680015X/2019 | -0.315 | -0.197 | 0.001 | 0.001 | 0.675 | 0.265 |
| 0680016Y/2019 | -0.736 | -0.258 | 0.003 | 0.001 | 0.888 | 0.109 |
| 0680031P/2019 | -0.051 | 0.015 | 0.000 | 0.000 | 0.264 | 0.021 |
| 0680032R/2019 | -0.520 | -0.059 | 0.002 | 0.000 | 0.971 | 0.012 |
| 0680034T/2019 | -0.689 | -0.239 | 0.003 | 0.001 | 0.889 | 0.107 |
| 0680053N/2019 | -0.060 | 0.176 | 0.000 | 0.001 | 0.094 | 0.796 |
| 0680066C/2019 | -0.577 | -0.220 | 0.002 | 0.001 | 0.872 | 0.127 |
| 0680073K/2019 | -0.529 | -0.179 | 0.002 | 0.001 | 0.867 | 0.099 |
| 0680097L/2019 | 1.479 | -0.979 | 0.013 | 0.019 | 0.694 | 0.304 |
| 0680099N/2019 | 1.638 | -0.633 | 0.016 | 0.008 | 0.841 | 0.126 |
| 0680149T/2019 | -0.572 | 0.012 | 0.002 | 0.000 | 0.985 | 0.000 |
| 0680151V/2019 | -0.503 | -0.119 | 0.002 | 0.000 | 0.939 | 0.052 |
| 0680169P/2019 | -0.151 | 0.220 | 0.000 | 0.001 | 0.302 | 0.645 |
| 0681166Y/2019 | -0.362 | 0.252 | 0.001 | 0.001 | 0.666 | 0.324 |
| 0681222J/2019 | -0.704 | -0.178 | 0.003 | 0.001 | 0.940 | 0.060 |
| 0681687P/2019 | 2.711 | -0.034 | 0.045 | 0.000 | 0.809 | 0.000 |
| 0681688R/2019 | 2.554 | 0.370 | 0.040 | 0.003 | 0.810 | 0.017 |
| 0681689S/2019 | 1.391 | -0.644 | 0.012 | 0.008 | 0.612 | 0.131 |
| 0681768C/2019 | -0.430 | -0.124 | 0.001 | 0.000 | 0.894 | 0.074 |
| 0681801N/2019 | -0.806 | -0.279 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0681809X/2019 | -0.576 | 0.025 | 0.002 | 0.000 | 0.975 | 0.002 |
| 0681817F/2019 | -0.800 | -0.254 | 0.004 | 0.001 | 0.909 | 0.091 |
| 0681839E/2019 | -0.686 | -0.130 | 0.003 | 0.000 | 0.964 | 0.035 |
| 0681847N/2019 | -0.653 | -0.128 | 0.003 | 0.000 | 0.956 | 0.036 |
| 0681882B/2019 | 0.204 | -0.313 | 0.000 | 0.002 | 0.233 | 0.550 |
| 0681888H/2019 | -0.833 | -0.260 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0681967U/2019 | -0.695 | -0.295 | 0.003 | 0.002 | 0.842 | 0.152 |
| 0690010L/2019 | -0.616 | -0.319 | 0.002 | 0.002 | 0.772 | 0.207 |
| 0690023A/2019 | 1.391 | -0.348 | 0.012 | 0.002 | 0.882 | 0.055 |
| 0690026D/2019 | 2.445 | 0.302 | 0.037 | 0.002 | 0.971 | 0.015 |
| 0690027E/2019 | 1.182 | 1.403 | 0.009 | 0.038 | 0.393 | 0.554 |
| 0690028F/2019 | 0.398 | -0.055 | 0.001 | 0.000 | 0.737 | 0.014 |
| 0690029G/2019 | 1.474 | -0.641 | 0.013 | 0.008 | 0.804 | 0.152 |
| 0690032K/2019 | 0.397 | -0.257 | 0.001 | 0.001 | 0.541 | 0.226 |
| 0690035N/2019 | 0.157 | -0.350 | 0.000 | 0.002 | 0.129 | 0.644 |
| 0690037R/2019 | -0.219 | -0.388 | 0.000 | 0.003 | 0.211 | 0.660 |
| 0690038S/2019 | 0.771 | -0.371 | 0.004 | 0.003 | 0.662 | 0.153 |
| 0690040U/2019 | -0.582 | -0.377 | 0.002 | 0.003 | 0.699 | 0.293 |
| 0690042W/2019 | 1.338 | -0.557 | 0.011 | 0.006 | 0.765 | 0.133 |
| 0690046A/2019 | -0.121 | -0.309 | 0.000 | 0.002 | 0.085 | 0.558 |
| 0690047B/2019 | -0.645 | -0.300 | 0.003 | 0.002 | 0.801 | 0.174 |
| 0690074F/2019 | -0.104 | -0.246 | 0.000 | 0.001 | 0.147 | 0.818 |
| 0690082P/2019 | 0.741 | -0.182 | 0.003 | 0.001 | 0.930 | 0.056 |
| 0690085T/2019 | -0.373 | -0.230 | 0.001 | 0.001 | 0.665 | 0.252 |
| 0690092A/2019 | -0.050 | -0.364 | 0.000 | 0.003 | 0.009 | 0.481 |
| 0690093B/2019 | -0.566 | -0.170 | 0.002 | 0.001 | 0.916 | 0.083 |
| 0690097F/2019 | -0.283 | -0.263 | 0.000 | 0.001 | 0.522 | 0.450 |
| 0690103M/2019 | -0.650 | -0.306 | 0.003 | 0.002 | 0.813 | 0.180 |
| 0690104N/2019 | -0.467 | -0.264 | 0.001 | 0.001 | 0.699 | 0.223 |
| 0690105P/2019 | -0.765 | -0.356 | 0.004 | 0.002 | 0.820 | 0.178 |
| 0690125L/2019 | -0.745 | -0.270 | 0.003 | 0.001 | 0.881 | 0.115 |
| 0690128P/2019 | -0.597 | -0.293 | 0.002 | 0.002 | 0.791 | 0.190 |
| 0690129R/2019 | -0.850 | -0.290 | 0.004 | 0.002 | 0.896 | 0.104 |
| 0690132U/2019 | 0.552 | -0.338 | 0.002 | 0.002 | 0.649 | 0.244 |
| 0690184A/2019 | 1.874 | 0.299 | 0.022 | 0.002 | 0.927 | 0.024 |
| 0690192J/2019 | 6.705 | 3.310 | 0.276 | 0.214 | 0.799 | 0.195 |
| 0690194L/2019 | 0.383 | 0.860 | 0.001 | 0.014 | 0.159 | 0.799 |
| 0690195M/2019 | -0.260 | 0.547 | 0.000 | 0.006 | 0.181 | 0.798 |
| 0690199S/2019 | 5.049 | -0.390 | 0.157 | 0.003 | 0.825 | 0.005 |
| 0690200T/2019 | -0.396 | -0.115 | 0.001 | 0.000 | 0.835 | 0.071 |
| 0690250X/2019 | -0.585 | -0.183 | 0.002 | 0.001 | 0.910 | 0.089 |
| 0690274Y/2019 | 1.947 | 0.157 | 0.023 | 0.000 | 0.982 | 0.006 |
| 0690276A/2019 | 5.778 | 18.389 | 0.205 | 6.597 | 0.090 | 0.909 |
| 0690279D/2019 | -0.206 | -0.124 | 0.000 | 0.000 | 0.531 | 0.193 |
| 0690281F/2019 | -0.756 | -0.266 | 0.004 | 0.001 | 0.886 | 0.110 |
| 0690519P/2019 | -0.060 | 0.065 | 0.000 | 0.000 | 0.229 | 0.271 |
| 0690520R/2019 | -0.554 | -0.137 | 0.002 | 0.000 | 0.934 | 0.057 |
| 0690521S/2019 | -0.050 | -0.046 | 0.000 | 0.000 | 0.162 | 0.135 |
| 0690522T/2019 | 0.478 | -0.150 | 0.001 | 0.000 | 0.840 | 0.083 |
| 0690535G/2019 | -0.500 | 0.184 | 0.002 | 0.001 | 0.867 | 0.117 |
| 0690539L/2019 | -0.231 | -0.060 | 0.000 | 0.000 | 0.849 | 0.056 |
| 0690542P/2019 | -0.442 | 0.117 | 0.001 | 0.000 | 0.930 | 0.065 |
| 0690543R/2019 | -0.596 | -0.088 | 0.002 | 0.000 | 0.972 | 0.021 |
| 0690553B/2019 | -0.635 | -0.081 | 0.002 | 0.000 | 0.984 | 0.016 |
| 0690563M/2019 | -0.309 | -0.192 | 0.001 | 0.001 | 0.657 | 0.254 |
| 0690564N/2019 | -0.043 | -0.036 | 0.000 | 0.000 | 0.180 | 0.127 |
| 0690571W/2019 | -0.035 | -0.057 | 0.000 | 0.000 | 0.052 | 0.138 |
| 0690631L/2019 | -0.456 | -0.055 | 0.001 | 0.000 | 0.978 | 0.014 |
| 0690634P/2019 | -0.667 | -0.259 | 0.003 | 0.001 | 0.867 | 0.131 |
| 0690642Y/2019 | -0.567 | -0.153 | 0.002 | 0.000 | 0.932 | 0.068 |
| 0690646C/2019 | -0.151 | -0.171 | 0.000 | 0.001 | 0.269 | 0.346 |
| 0690651H/2019 | -0.842 | -0.293 | 0.004 | 0.002 | 0.892 | 0.108 |
| 0690671E/2019 | -0.265 | -0.108 | 0.000 | 0.000 | 0.824 | 0.137 |
| 0690696G/2019 | -0.735 | -0.007 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0690698J/2019 | -0.513 | -0.350 | 0.002 | 0.002 | 0.667 | 0.310 |
| 0690712Z/2019 | -0.711 | -0.201 | 0.003 | 0.001 | 0.923 | 0.074 |
| 0691644M/2019 | -0.688 | -0.293 | 0.003 | 0.002 | 0.840 | 0.152 |
| 0691678Z/2019 | -0.734 | -0.186 | 0.003 | 0.001 | 0.939 | 0.061 |
| 0691696U/2019 | -0.270 | 0.475 | 0.000 | 0.004 | 0.235 | 0.725 |
| 0691774D/2019 | 3.773 | 5.610 | 0.087 | 0.614 | 0.311 | 0.688 |
| 0691775E/2019 | 1.563 | 1.813 | 0.015 | 0.064 | 0.414 | 0.557 |
| 0691860X/2019 | 2.454 | 1.495 | 0.037 | 0.044 | 0.725 | 0.269 |
| 0691875N/2019 | 0.026 | 1.117 | 0.000 | 0.024 | 0.001 | 0.983 |
| 0692353H/2019 | 0.858 | 2.138 | 0.005 | 0.089 | 0.138 | 0.861 |
| 0692437Z/2019 | 0.129 | 0.562 | 0.000 | 0.006 | 0.047 | 0.887 |
| 0692517L/2019 | -0.238 | -0.213 | 0.000 | 0.001 | 0.522 | 0.417 |
| 0692522S/2019 | 2.837 | -0.875 | 0.049 | 0.015 | 0.720 | 0.068 |
| 0692523T/2019 | 7.317 | -1.151 | 0.329 | 0.026 | 0.817 | 0.020 |
| 0692525V/2019 | 4.647 | -1.264 | 0.133 | 0.031 | 0.760 | 0.056 |
| 0692526W/2019 | 9.596 | -2.720 | 0.566 | 0.144 | 0.773 | 0.062 |
| 0692589P/2019 | 6.418 | -1.912 | 0.253 | 0.071 | 0.760 | 0.067 |
| 0692706S/2019 | -0.716 | -0.032 | 0.003 | 0.000 | 0.998 | 0.002 |
| 0692717D/2019 | 0.079 | -0.333 | 0.000 | 0.002 | 0.054 | 0.945 |
| 0692800U/2019 | -0.336 | -0.310 | 0.001 | 0.002 | 0.523 | 0.445 |
| 0692866R/2019 | 0.472 | 0.014 | 0.001 | 0.000 | 0.962 | 0.001 |
| 0692984U/2019 | 0.403 | -0.048 | 0.001 | 0.000 | 0.463 | 0.007 |
| 0692987X/2019 | 8.646 | -1.819 | 0.459 | 0.065 | 0.802 | 0.035 |
| 0692988Y/2019 | 11.548 | -1.672 | 0.819 | 0.055 | 0.828 | 0.017 |
| 0693044J/2019 | 1.189 | -0.545 | 0.009 | 0.006 | 0.764 | 0.160 |
| 0693177D/2019 | 0.686 | 3.616 | 0.003 | 0.255 | 0.035 | 0.965 |
| 0693180G/2019 | 1.099 | 4.366 | 0.007 | 0.372 | 0.059 | 0.939 |
| 0693330V/2019 | -0.547 | -0.257 | 0.002 | 0.001 | 0.818 | 0.181 |
| 0693373S/2019 | -0.753 | -0.091 | 0.003 | 0.000 | 0.986 | 0.014 |
| 0693478F/2019 | -0.007 | -0.304 | 0.000 | 0.002 | 0.000 | 0.814 |
| 0693504J/2019 | -0.248 | 0.153 | 0.000 | 0.000 | 0.690 | 0.265 |
| 0693521C/2019 | 0.048 | 0.217 | 0.000 | 0.001 | 0.047 | 0.952 |
| 0693550J/2019 | 6.523 | -1.383 | 0.261 | 0.037 | 0.930 | 0.042 |
| 0693565A/2019 | 2.010 | -0.336 | 0.025 | 0.002 | 0.856 | 0.024 |
| 0693619J/2019 | 0.008 | -0.223 | 0.000 | 0.001 | 0.001 | 0.846 |
| 0693623N/2019 | -0.145 | -0.121 | 0.000 | 0.000 | 0.502 | 0.349 |
| 0693654X/2019 | -0.625 | -0.154 | 0.002 | 0.000 | 0.934 | 0.056 |
| 0693818A/2019 | -0.670 | -0.259 | 0.003 | 0.001 | 0.862 | 0.129 |
| 0693820C/2019 | -0.296 | 0.208 | 0.001 | 0.001 | 0.597 | 0.294 |
| 0693830E/2019 | 0.052 | 0.124 | 0.000 | 0.000 | 0.053 | 0.304 |
| 0694060N/2019 | -0.053 | 0.835 | 0.000 | 0.014 | 0.004 | 0.996 |
| 0694123G/2019 | -0.668 | -0.234 | 0.003 | 0.001 | 0.889 | 0.109 |
| 0694333K/2019 | 2.004 | -0.141 | 0.025 | 0.000 | 0.921 | 0.005 |
| 0700009E/2019 | -0.465 | -0.097 | 0.001 | 0.000 | 0.956 | 0.041 |
| 0700018P/2019 | -0.610 | -0.191 | 0.002 | 0.001 | 0.908 | 0.089 |
| 0700038L/2019 | -0.835 | -0.295 | 0.004 | 0.002 | 0.889 | 0.111 |
| 0700827U/2019 | -0.642 | -0.041 | 0.003 | 0.000 | 0.990 | 0.004 |
| 0700882D/2019 | -0.801 | -0.306 | 0.004 | 0.002 | 0.872 | 0.127 |
| 0700905D/2019 | -0.764 | -0.249 | 0.004 | 0.001 | 0.903 | 0.096 |
| 0700958L/2019 | -0.767 | -0.174 | 0.004 | 0.001 | 0.950 | 0.049 |
| 0700983N/2019 | 1.356 | -0.385 | 0.011 | 0.003 | 0.678 | 0.055 |
| 0701035V/2019 | -0.765 | -0.266 | 0.004 | 0.001 | 0.891 | 0.108 |
| 0701045F/2019 | -0.764 | -0.087 | 0.004 | 0.000 | 0.987 | 0.013 |
| 0701048J/2019 | -0.437 | 0.135 | 0.001 | 0.000 | 0.903 | 0.086 |
| 0701052N/2019 | -0.601 | -0.158 | 0.002 | 0.000 | 0.933 | 0.064 |
| 0701078S/2019 | -0.338 | -0.100 | 0.001 | 0.000 | 0.849 | 0.074 |
| 0710001R/2019 | -0.748 | -0.279 | 0.003 | 0.002 | 0.877 | 0.122 |
| 0710010A/2019 | -0.447 | -0.031 | 0.001 | 0.000 | 0.988 | 0.005 |
| 0710011B/2019 | -0.624 | -0.151 | 0.002 | 0.000 | 0.944 | 0.055 |
| 0710012C/2019 | -0.667 | -0.243 | 0.003 | 0.001 | 0.882 | 0.117 |
| 0710018J/2019 | -0.660 | -0.298 | 0.003 | 0.002 | 0.826 | 0.168 |
| 0710023P/2019 | -0.620 | -0.181 | 0.002 | 0.001 | 0.919 | 0.078 |
| 0710026T/2019 | -0.734 | -0.226 | 0.003 | 0.001 | 0.913 | 0.086 |
| 0710042K/2019 | -0.549 | -0.176 | 0.002 | 0.001 | 0.906 | 0.093 |
| 0710045N/2019 | -0.496 | -0.162 | 0.002 | 0.001 | 0.902 | 0.096 |
| 0710048S/2019 | -0.761 | -0.321 | 0.004 | 0.002 | 0.849 | 0.151 |
| 0710054Y/2019 | -0.687 | -0.176 | 0.003 | 0.001 | 0.938 | 0.061 |
| 0710100Y/2019 | -0.695 | -0.201 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0711064W/2019 | -0.520 | -0.165 | 0.002 | 0.001 | 0.898 | 0.090 |
| 0711067Z/2019 | -0.684 | -0.203 | 0.003 | 0.001 | 0.919 | 0.081 |
| 0711068A/2019 | -0.616 | -0.012 | 0.002 | 0.000 | 0.999 | 0.000 |
| 0711137A/2019 | -0.655 | -0.221 | 0.003 | 0.001 | 0.897 | 0.102 |
| 0711249X/2019 | -0.442 | 0.165 | 0.001 | 0.001 | 0.852 | 0.119 |
| 0711322B/2019 | -0.831 | -0.297 | 0.004 | 0.002 | 0.887 | 0.113 |
| 0711372F/2019 | -0.163 | 0.582 | 0.000 | 0.007 | 0.071 | 0.905 |
| 0711373G/2019 | 2.819 | -0.952 | 0.049 | 0.018 | 0.710 | 0.081 |
| 0711385V/2019 | 2.863 | -0.753 | 0.050 | 0.011 | 0.741 | 0.051 |
| 0711455W/2019 | 1.777 | -0.624 | 0.019 | 0.008 | 0.678 | 0.084 |
| 0711456X/2019 | 1.804 | -0.562 | 0.020 | 0.006 | 0.695 | 0.067 |
| 0711648F/2019 | -0.749 | -0.092 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0711690B/2019 | -0.349 | 0.336 | 0.001 | 0.002 | 0.502 | 0.463 |
| 0711729U/2019 | -0.295 | -0.047 | 0.001 | 0.000 | 0.970 | 0.024 |
| 0711755X/2019 | -0.694 | -0.162 | 0.003 | 0.001 | 0.944 | 0.051 |
| 0711775U/2019 | 0.243 | 1.251 | 0.000 | 0.031 | 0.036 | 0.962 |
| 0711896A/2019 | -0.507 | -0.044 | 0.002 | 0.000 | 0.960 | 0.007 |
| 0720003M/2019 | -0.747 | -0.272 | 0.003 | 0.001 | 0.881 | 0.117 |
| 0720010V/2019 | -0.637 | -0.148 | 0.002 | 0.000 | 0.948 | 0.051 |
| 0720017C/2019 | -0.768 | -0.276 | 0.004 | 0.001 | 0.886 | 0.114 |
| 0720021G/2019 | -0.546 | -0.124 | 0.002 | 0.000 | 0.951 | 0.049 |
| 0720029R/2019 | -0.107 | 0.387 | 0.000 | 0.003 | 0.070 | 0.914 |
| 0720033V/2019 | -0.402 | -0.135 | 0.001 | 0.000 | 0.894 | 0.102 |
| 0720048L/2019 | -0.721 | -0.262 | 0.003 | 0.001 | 0.884 | 0.116 |
| 0720079V/2019 | -0.600 | -0.139 | 0.002 | 0.000 | 0.940 | 0.051 |
| 0720083Z/2019 | 0.252 | 0.520 | 0.000 | 0.005 | 0.188 | 0.799 |
| 0720822C/2019 | -0.639 | 0.050 | 0.003 | 0.000 | 0.994 | 0.006 |
| 0720825F/2019 | -0.786 | -0.258 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0720837U/2019 | -0.509 | -0.080 | 0.002 | 0.000 | 0.959 | 0.024 |
| 0720896H/2019 | -0.323 | 0.037 | 0.001 | 0.000 | 0.912 | 0.012 |
| 0720916E/2019 | 0.135 | 1.068 | 0.000 | 0.022 | 0.016 | 0.984 |
| 0721009F/2019 | -0.538 | 0.107 | 0.002 | 0.000 | 0.957 | 0.038 |
| 0721094Y/2019 | -0.436 | -0.206 | 0.001 | 0.001 | 0.815 | 0.183 |
| 0721317R/2019 | 3.556 | -0.049 | 0.078 | 0.000 | 0.811 | 0.000 |
| 0721329D/2019 | -0.693 | -0.127 | 0.003 | 0.000 | 0.964 | 0.032 |
| 0721381K/2019 | -0.769 | -0.175 | 0.004 | 0.001 | 0.951 | 0.049 |
| 0721409R/2019 | 1.844 | -0.714 | 0.021 | 0.010 | 0.650 | 0.097 |
| 0721410S/2019 | 1.975 | -0.631 | 0.024 | 0.008 | 0.681 | 0.070 |
| 0721478R/2019 | -0.807 | -0.251 | 0.004 | 0.001 | 0.912 | 0.088 |
| 0721484X/2019 | -0.520 | 0.454 | 0.002 | 0.004 | 0.565 | 0.430 |
| 0721493G/2019 | -0.256 | -0.046 | 0.000 | 0.000 | 0.922 | 0.030 |
| 0721548S/2019 | -0.509 | 0.002 | 0.002 | 0.000 | 0.965 | 0.000 |
| 0721553X/2019 | 1.720 | -0.561 | 0.018 | 0.006 | 0.838 | 0.089 |
| 0721575W/2019 | 1.282 | -0.409 | 0.010 | 0.003 | 0.846 | 0.086 |
| 0721658L/2019 | 1.546 | -0.585 | 0.015 | 0.007 | 0.645 | 0.093 |
| 0721684P/2019 | -0.613 | -0.159 | 0.002 | 0.000 | 0.935 | 0.063 |
| 0721704L/2019 | -0.507 | -0.086 | 0.002 | 0.000 | 0.952 | 0.028 |
| 0730003G/2019 | -0.412 | -0.256 | 0.001 | 0.001 | 0.711 | 0.274 |
| 0730005J/2019 | -0.594 | -0.160 | 0.002 | 0.000 | 0.927 | 0.067 |
| 0730013T/2019 | -0.159 | 0.066 | 0.000 | 0.000 | 0.817 | 0.143 |
| 0730016W/2019 | -0.614 | -0.144 | 0.002 | 0.000 | 0.945 | 0.052 |
| 0730029K/2019 | -0.422 | -0.072 | 0.001 | 0.000 | 0.900 | 0.026 |
| 0730037U/2019 | -0.772 | -0.264 | 0.004 | 0.001 | 0.895 | 0.104 |
| 0730039W/2019 | -0.829 | -0.244 | 0.004 | 0.001 | 0.920 | 0.080 |
| 0730043A/2019 | -0.750 | -0.227 | 0.003 | 0.001 | 0.915 | 0.084 |
| 0730760E/2019 | -0.766 | -0.264 | 0.004 | 0.001 | 0.893 | 0.106 |
| 0730763H/2019 | -0.596 | -0.182 | 0.002 | 0.001 | 0.912 | 0.085 |
| 0730813M/2019 | -0.721 | -0.218 | 0.003 | 0.001 | 0.916 | 0.083 |
| 0730858L/2019 | -0.071 | 0.746 | 0.000 | 0.011 | 0.009 | 0.975 |
| 0731198F/2019 | -0.737 | -0.061 | 0.003 | 0.000 | 0.993 | 0.007 |
| 0731230R/2019 | 5.347 | -0.424 | 0.176 | 0.004 | 0.833 | 0.005 |
| 0731248K/2019 | -0.727 | -0.283 | 0.003 | 0.002 | 0.867 | 0.132 |
| 0731383G/2019 | -0.392 | 0.157 | 0.001 | 0.000 | 0.861 | 0.138 |
| 0731392S/2019 | -0.469 | -0.082 | 0.001 | 0.000 | 0.952 | 0.029 |
| 0731487V/2019 | -0.216 | -0.098 | 0.000 | 0.000 | 0.823 | 0.171 |
| 0740003B/2019 | 0.097 | 0.378 | 0.000 | 0.003 | 0.061 | 0.938 |
| 0740005D/2019 | -0.328 | -0.152 | 0.001 | 0.000 | 0.773 | 0.166 |
| 0740006E/2019 | -0.638 | -0.185 | 0.003 | 0.001 | 0.916 | 0.077 |
| 0740009H/2019 | -0.439 | -0.205 | 0.001 | 0.001 | 0.805 | 0.175 |
| 0740013M/2019 | -0.599 | -0.240 | 0.002 | 0.001 | 0.861 | 0.138 |
| 0740017S/2019 | -0.690 | -0.257 | 0.003 | 0.001 | 0.874 | 0.121 |
| 0740027C/2019 | -0.634 | -0.296 | 0.002 | 0.002 | 0.820 | 0.179 |
| 0740037N/2019 | -0.585 | -0.163 | 0.002 | 0.001 | 0.925 | 0.072 |
| 0740046Y/2019 | -0.244 | 0.437 | 0.000 | 0.004 | 0.236 | 0.754 |
| 0740047Z/2019 | -0.227 | 0.449 | 0.000 | 0.004 | 0.203 | 0.789 |
| 0740051D/2019 | -0.294 | -0.149 | 0.001 | 0.000 | 0.658 | 0.169 |
| 0740054G/2019 | -0.819 | -0.247 | 0.004 | 0.001 | 0.916 | 0.083 |
| 0740082M/2019 | -0.643 | -0.040 | 0.003 | 0.000 | 0.989 | 0.004 |
| 0740092Y/2019 | -0.663 | -0.067 | 0.003 | 0.000 | 0.989 | 0.010 |
| 0740098E/2019 | -0.643 | -0.038 | 0.003 | 0.000 | 0.996 | 0.003 |
| 0740100G/2019 | -0.644 | -0.303 | 0.003 | 0.002 | 0.812 | 0.179 |
| 0740283F/2019 | -0.649 | -0.013 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0740927F/2019 | -0.635 | -0.194 | 0.002 | 0.001 | 0.911 | 0.085 |
| 0741101V/2019 | -0.653 | -0.153 | 0.003 | 0.000 | 0.947 | 0.052 |
| 0741133E/2019 | 0.001 | 0.297 | 0.000 | 0.002 | 0.000 | 0.938 |
| 0741237T/2019 | -0.476 | 0.261 | 0.001 | 0.001 | 0.764 | 0.229 |
| 0741307U/2019 | -0.741 | -0.272 | 0.003 | 0.001 | 0.880 | 0.118 |
| 0741330U/2019 | 3.457 | -0.466 | 0.073 | 0.004 | 0.808 | 0.015 |
| 0741331V/2019 | 4.304 | -0.503 | 0.114 | 0.005 | 0.820 | 0.011 |
| 0741333X/2019 | 3.584 | -0.878 | 0.079 | 0.015 | 0.774 | 0.046 |
| 0741418P/2019 | -0.439 | -0.099 | 0.001 | 0.000 | 0.946 | 0.048 |
| 0741444T/2019 | -0.784 | -0.347 | 0.004 | 0.002 | 0.835 | 0.163 |
| 0741476C/2019 | -0.652 | -0.145 | 0.003 | 0.000 | 0.944 | 0.047 |
| 0741510P/2019 | 4.236 | -0.165 | 0.110 | 0.001 | 0.959 | 0.001 |
| 0741532N/2019 | -0.618 | -0.314 | 0.002 | 0.002 | 0.794 | 0.205 |
| 0741586X/2019 | 0.032 | 0.354 | 0.000 | 0.002 | 0.008 | 0.933 |
| 0741624N/2019 | -0.576 | -0.116 | 0.002 | 0.000 | 0.938 | 0.038 |
| 0750330B/2019 | -0.199 | 0.496 | 0.000 | 0.005 | 0.132 | 0.820 |
| 0750463W/2019 | -0.560 | -0.219 | 0.002 | 0.001 | 0.863 | 0.132 |
| 0750502N/2019 | -0.550 | -0.385 | 0.002 | 0.003 | 0.647 | 0.316 |
| 0750508V/2019 | -0.716 | -0.279 | 0.003 | 0.002 | 0.859 | 0.130 |
| 0750558Z/2019 | -0.791 | -0.344 | 0.004 | 0.002 | 0.839 | 0.159 |
| 0750612H/2019 | -0.320 | -0.457 | 0.001 | 0.004 | 0.297 | 0.606 |
| 0750647W/2019 | 0.526 | -0.086 | 0.002 | 0.000 | 0.951 | 0.025 |
| 0750648X/2019 | 0.116 | 0.040 | 0.000 | 0.000 | 0.157 | 0.019 |
| 0750650Z/2019 | -0.167 | -0.378 | 0.000 | 0.003 | 0.112 | 0.576 |
| 0750651A/2019 | 0.176 | -0.411 | 0.000 | 0.003 | 0.131 | 0.717 |
| 0750652B/2019 | 2.359 | -0.298 | 0.034 | 0.002 | 0.976 | 0.016 |
| 0750653C/2019 | 2.211 | -1.062 | 0.030 | 0.022 | 0.726 | 0.168 |
| 0750654D/2019 | 1.255 | -0.142 | 0.010 | 0.000 | 0.945 | 0.012 |
| 0750655E/2019 | 2.377 | 0.293 | 0.035 | 0.002 | 0.985 | 0.015 |
| 0750656F/2019 | 0.668 | -0.150 | 0.003 | 0.000 | 0.932 | 0.047 |
| 0750657G/2019 | 1.299 | -0.350 | 0.010 | 0.002 | 0.870 | 0.063 |
| 0750658H/2019 | 3.299 | 1.110 | 0.067 | 0.024 | 0.898 | 0.102 |
| 0750660K/2019 | 2.186 | -0.008 | 0.029 | 0.000 | 0.986 | 0.000 |
| 0750662M/2019 | 0.459 | 0.782 | 0.001 | 0.012 | 0.235 | 0.682 |
| 0750663N/2019 | 1.989 | -0.030 | 0.024 | 0.000 | 0.999 | 0.000 |
| 0750664P/2019 | 0.811 | -0.613 | 0.004 | 0.007 | 0.545 | 0.311 |
| 0750667T/2019 | 2.222 | -0.100 | 0.030 | 0.000 | 0.998 | 0.002 |
| 0750668U/2019 | 0.540 | 0.171 | 0.002 | 0.001 | 0.896 | 0.090 |
| 0750669V/2019 | 0.322 | 0.825 | 0.001 | 0.013 | 0.125 | 0.818 |
| 0750670W/2019 | -0.018 | 0.084 | 0.000 | 0.000 | 0.005 | 0.108 |
| 0750671X/2019 | 0.623 | -0.662 | 0.002 | 0.009 | 0.424 | 0.480 |
| 0750672Y/2019 | -0.251 | -0.439 | 0.000 | 0.004 | 0.206 | 0.633 |
| 0750674A/2019 | 1.064 | -0.594 | 0.007 | 0.007 | 0.711 | 0.222 |
| 0750675B/2019 | 0.091 | -0.024 | 0.000 | 0.000 | 0.162 | 0.011 |
| 0750676C/2019 | -0.268 | -0.233 | 0.000 | 0.001 | 0.437 | 0.331 |
| 0750677D/2019 | 0.658 | -0.304 | 0.003 | 0.002 | 0.656 | 0.140 |
| 0750679F/2019 | 0.164 | 0.016 | 0.000 | 0.000 | 0.864 | 0.008 |
| 0750680G/2019 | 2.673 | -1.038 | 0.044 | 0.021 | 0.852 | 0.128 |
| 0750681H/2019 | -0.328 | -0.408 | 0.001 | 0.003 | 0.348 | 0.537 |
| 0750682J/2019 | 0.566 | -0.109 | 0.002 | 0.000 | 0.782 | 0.029 |
| 0750683K/2019 | 0.897 | 0.212 | 0.005 | 0.001 | 0.810 | 0.045 |
| 0750685M/2019 | 0.363 | -0.031 | 0.001 | 0.000 | 0.666 | 0.005 |
| 0750686N/2019 | -0.251 | -0.386 | 0.000 | 0.003 | 0.263 | 0.625 |
| 0750688R/2019 | 0.768 | -0.232 | 0.004 | 0.001 | 0.547 | 0.050 |
| 0750690T/2019 | 1.460 | -0.623 | 0.013 | 0.008 | 0.829 | 0.151 |
| 0750691U/2019 | -0.280 | 0.000 | 0.000 | 0.000 | 0.807 | 0.000 |
| 0750692V/2019 | 1.360 | -0.603 | 0.011 | 0.007 | 0.793 | 0.156 |
| 0750693W/2019 | 0.978 | -0.263 | 0.006 | 0.001 | 0.918 | 0.066 |
| 0750695Y/2019 | 0.120 | 0.355 | 0.000 | 0.002 | 0.089 | 0.777 |
| 0750696Z/2019 | 0.200 | -0.532 | 0.000 | 0.006 | 0.109 | 0.774 |
| 0750697A/2019 | -0.107 | -0.228 | 0.000 | 0.001 | 0.123 | 0.562 |
| 0750698B/2019 | 0.333 | -0.043 | 0.001 | 0.000 | 0.978 | 0.017 |
| 0750699C/2019 | 2.533 | 0.093 | 0.039 | 0.000 | 0.984 | 0.001 |
| 0750700D/2019 | 0.649 | -0.144 | 0.003 | 0.000 | 0.935 | 0.046 |
| 0750703G/2019 | 0.756 | 0.688 | 0.004 | 0.009 | 0.476 | 0.394 |
| 0750704H/2019 | 1.523 | 0.142 | 0.014 | 0.000 | 0.962 | 0.008 |
| 0750705J/2019 | 0.598 | -0.286 | 0.002 | 0.002 | 0.716 | 0.164 |
| 0750707L/2019 | 2.041 | -0.388 | 0.026 | 0.003 | 0.908 | 0.033 |
| 0750708M/2019 | -0.261 | 0.253 | 0.000 | 0.001 | 0.506 | 0.473 |
| 0750710P/2019 | -0.282 | -0.375 | 0.000 | 0.003 | 0.323 | 0.570 |
| 0750711R/2019 | 0.145 | -0.319 | 0.000 | 0.002 | 0.167 | 0.804 |
| 0750712S/2019 | -0.362 | -0.307 | 0.001 | 0.002 | 0.499 | 0.358 |
| 0750714U/2019 | 0.147 | 0.026 | 0.000 | 0.000 | 0.416 | 0.013 |
| 0750715V/2019 | 1.023 | -0.535 | 0.006 | 0.006 | 0.675 | 0.184 |
| 0750770E/2019 | -0.652 | -0.214 | 0.003 | 0.001 | 0.902 | 0.097 |
| 0750783U/2019 | -0.726 | -0.200 | 0.003 | 0.001 | 0.927 | 0.070 |
| 0750785W/2019 | -0.130 | -0.502 | 0.000 | 0.005 | 0.050 | 0.746 |
| 0750787Y/2019 | -0.796 | -0.254 | 0.004 | 0.001 | 0.907 | 0.093 |
| 0750788Z/2019 | -0.778 | -0.262 | 0.004 | 0.001 | 0.897 | 0.102 |
| 0750802P/2019 | -0.305 | -0.461 | 0.001 | 0.004 | 0.239 | 0.545 |
| 0750808W/2019 | -0.557 | -0.176 | 0.002 | 0.001 | 0.902 | 0.090 |
| 0751150E/2019 | -0.013 | 0.320 | 0.000 | 0.002 | 0.001 | 0.800 |
| 0751708Z/2019 | 0.267 | -0.337 | 0.000 | 0.002 | 0.373 | 0.594 |
| 0751710B/2019 | -0.692 | -0.129 | 0.003 | 0.000 | 0.966 | 0.033 |
| 0751717J/2019 | 2.299 | 1.147 | 0.032 | 0.026 | 0.770 | 0.192 |
| 0751718K/2019 | 6.468 | 1.491 | 0.257 | 0.043 | 0.909 | 0.048 |
| 0751719L/2019 | -0.183 | 0.093 | 0.000 | 0.000 | 0.519 | 0.135 |
| 0751720M/2019 | -0.029 | 0.683 | 0.000 | 0.009 | 0.002 | 0.961 |
| 0751721N/2019 | 4.640 | 2.205 | 0.132 | 0.095 | 0.785 | 0.177 |
| 0751722P/2019 | 3.222 | 1.710 | 0.064 | 0.057 | 0.779 | 0.219 |
| 0751723R/2019 | 1.677 | 0.640 | 0.017 | 0.008 | 0.829 | 0.121 |
| 0751871B/2019 | 1.900 | 0.558 | 0.022 | 0.006 | 0.879 | 0.076 |
| 0751875F/2019 | 0.408 | 0.343 | 0.001 | 0.002 | 0.541 | 0.382 |
| 0751877H/2019 | 2.306 | 0.780 | 0.033 | 0.012 | 0.869 | 0.099 |
| 0751883P/2019 | 0.002 | 0.222 | 0.000 | 0.001 | 0.000 | 0.356 |
| 0752139T/2019 | -0.382 | -0.208 | 0.001 | 0.001 | 0.683 | 0.203 |
| 0752304X/2019 | 1.150 | 1.420 | 0.008 | 0.039 | 0.393 | 0.600 |
| 0752426E/2019 | -0.613 | -0.084 | 0.002 | 0.000 | 0.981 | 0.019 |
| 0752846L/2019 | 1.291 | -0.777 | 0.010 | 0.012 | 0.702 | 0.254 |
| 0752887F/2019 | 1.188 | 4.159 | 0.009 | 0.338 | 0.075 | 0.924 |
| 0753017X/2019 | 7.730 | -1.931 | 0.367 | 0.073 | 0.774 | 0.048 |
| 0753019Z/2019 | 8.731 | -2.176 | 0.468 | 0.092 | 0.777 | 0.048 |
| 0753021B/2019 | 11.001 | 0.172 | 0.744 | 0.001 | 0.848 | 0.000 |
| 0753026G/2019 | 9.183 | -2.335 | 0.518 | 0.106 | 0.774 | 0.050 |
| 0753028J/2019 | 8.959 | 0.302 | 0.493 | 0.002 | 0.845 | 0.001 |
| 0753030L/2019 | 5.613 | -1.174 | 0.194 | 0.027 | 0.777 | 0.034 |
| 0753034R/2019 | 5.360 | -1.165 | 0.177 | 0.026 | 0.772 | 0.036 |
| 0753035S/2019 | 5.060 | -1.001 | 0.157 | 0.020 | 0.780 | 0.031 |
| 0753043A/2019 | 1.178 | 0.451 | 0.009 | 0.004 | 0.684 | 0.100 |
| 0753147N/2019 | -0.012 | 1.592 | 0.000 | 0.049 | 0.000 | 0.999 |
| 0753268V/2019 | 1.538 | -0.658 | 0.015 | 0.008 | 0.788 | 0.144 |
| 0753472A/2019 | -0.587 | -0.185 | 0.002 | 0.001 | 0.892 | 0.089 |
| 0753472B/2019 | -0.549 | -0.127 | 0.002 | 0.000 | 0.924 | 0.049 |
| 0753472C/2019 | -0.633 | -0.133 | 0.002 | 0.000 | 0.949 | 0.042 |
| 0753488J/2019 | -0.410 | 0.643 | 0.001 | 0.008 | 0.289 | 0.711 |
| 0753537M/2019 | -0.147 | 0.184 | 0.000 | 0.001 | 0.241 | 0.378 |
| 0753541S/2019 | 0.078 | 1.109 | 0.000 | 0.024 | 0.005 | 0.990 |
| 0753559L/2019 | 0.077 | 0.054 | 0.000 | 0.000 | 0.160 | 0.080 |
| 0753602H/2019 | -0.359 | 0.088 | 0.001 | 0.000 | 0.791 | 0.047 |
| 0753605L/2019 | -0.610 | 0.307 | 0.002 | 0.002 | 0.798 | 0.202 |
| 0753607N/2019 | -0.589 | 0.388 | 0.002 | 0.003 | 0.696 | 0.302 |
| 0753619B/2019 | -0.158 | 1.049 | 0.000 | 0.021 | 0.022 | 0.976 |
| 0753696K/2019 | -0.339 | 0.204 | 0.001 | 0.001 | 0.669 | 0.242 |
| 0753840S/2019 | 1.129 | 0.471 | 0.008 | 0.004 | 0.851 | 0.148 |
| 0753844W/2019 | -0.530 | -0.323 | 0.002 | 0.002 | 0.720 | 0.267 |
| 0753873C/2019 | 0.416 | 0.182 | 0.001 | 0.001 | 0.757 | 0.145 |
| 0753890W/2019 | -0.002 | -0.284 | 0.000 | 0.002 | 0.000 | 0.916 |
| 0753897D/2019 | 0.286 | 0.255 | 0.001 | 0.001 | 0.503 | 0.399 |
| 0753915Y/2019 | 0.195 | 0.439 | 0.000 | 0.004 | 0.140 | 0.708 |
| 0753933T/2019 | 0.946 | 0.334 | 0.006 | 0.002 | 0.836 | 0.104 |
| 0753947H/2019 | 0.729 | 0.472 | 0.003 | 0.004 | 0.693 | 0.290 |
| 0754015G/2019 | -0.685 | -0.061 | 0.003 | 0.000 | 0.989 | 0.008 |
| 0754016H/2019 | -0.585 | -0.194 | 0.002 | 0.001 | 0.891 | 0.098 |
| 0754025T/2019 | -0.605 | -0.064 | 0.002 | 0.000 | 0.986 | 0.011 |
| 0754029X/2019 | -0.060 | 0.010 | 0.000 | 0.000 | 0.203 | 0.006 |
| 0754030Y/2019 | -0.382 | 0.021 | 0.001 | 0.000 | 0.981 | 0.003 |
| 0754037F/2019 | -0.190 | 0.530 | 0.000 | 0.005 | 0.107 | 0.829 |
| 0754042L/2019 | -0.400 | -0.002 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0754086J/2019 | -0.361 | -0.043 | 0.001 | 0.000 | 0.952 | 0.013 |
| 0754247J/2019 | 2.320 | 0.076 | 0.033 | 0.000 | 0.982 | 0.001 |
| 0754318L/2019 | -0.646 | 0.141 | 0.003 | 0.000 | 0.954 | 0.046 |
| 0754400A/2019 | 4.042 | -0.536 | 0.100 | 0.006 | 0.974 | 0.017 |
| 0754431J/2019 | 1.999 | 1.646 | 0.025 | 0.053 | 0.573 | 0.388 |
| 0754475G/2019 | -0.414 | -0.320 | 0.001 | 0.002 | 0.625 | 0.374 |
| 0754476H/2019 | -0.158 | -0.203 | 0.000 | 0.001 | 0.241 | 0.396 |
| 0754493B/2019 | 0.236 | 1.278 | 0.000 | 0.032 | 0.033 | 0.957 |
| 0754530S/2019 | -0.039 | -0.155 | 0.000 | 0.000 | 0.038 | 0.598 |
| 0754540C/2019 | 2.764 | 2.762 | 0.047 | 0.149 | 0.497 | 0.496 |
| 0754663L/2019 | 1.088 | 0.547 | 0.007 | 0.006 | 0.734 | 0.186 |
| 0754666P/2019 | -0.337 | -0.190 | 0.001 | 0.001 | 0.625 | 0.199 |
| 0754696X/2019 | 0.133 | 0.665 | 0.000 | 0.009 | 0.033 | 0.834 |
| 0754784T/2019 | -0.368 | -0.123 | 0.001 | 0.000 | 0.740 | 0.082 |
| 0754785U/2019 | 7.798 | -0.979 | 0.374 | 0.019 | 0.817 | 0.013 |
| 0754791A/2019 | -0.352 | 0.318 | 0.001 | 0.002 | 0.476 | 0.387 |
| 0754902W/2019 | 6.238 | -0.627 | 0.239 | 0.008 | 0.813 | 0.008 |
| 0754903X/2019 | 6.090 | -0.952 | 0.228 | 0.018 | 0.796 | 0.019 |
| 0754908C/2019 | 0.114 | 0.833 | 0.000 | 0.014 | 0.017 | 0.908 |
| 0754924V/2019 | -0.345 | -0.092 | 0.001 | 0.000 | 0.638 | 0.046 |
| 0755020Z/2019 | -0.642 | -0.214 | 0.003 | 0.001 | 0.888 | 0.098 |
| 0755188G/2019 | 22.596 | 22.119 | 3.137 | 9.546 | 0.505 | 0.484 |
| 0755308M/2019 | -0.742 | -0.124 | 0.003 | 0.000 | 0.972 | 0.027 |
| 0755437C/2019 | -0.355 | -0.040 | 0.001 | 0.000 | 0.881 | 0.011 |
| 0755900F/2019 | -0.622 | -0.293 | 0.002 | 0.002 | 0.813 | 0.180 |
| 0760005T/2019 | -0.258 | -0.075 | 0.000 | 0.000 | 0.856 | 0.072 |
| 0760023M/2019 | -0.472 | -0.005 | 0.001 | 0.000 | 0.994 | 0.000 |
| 0760029U/2019 | -0.315 | -0.056 | 0.001 | 0.000 | 0.939 | 0.030 |
| 0760030V/2019 | -0.710 | -0.151 | 0.003 | 0.000 | 0.955 | 0.043 |
| 0760032X/2019 | -0.527 | -0.104 | 0.002 | 0.000 | 0.947 | 0.037 |
| 0760035A/2019 | -0.607 | -0.189 | 0.002 | 0.001 | 0.912 | 0.088 |
| 0760052U/2019 | -0.378 | 0.030 | 0.001 | 0.000 | 0.994 | 0.006 |
| 0760054W/2019 | -0.277 | -0.168 | 0.000 | 0.001 | 0.661 | 0.241 |
| 0760056Y/2019 | -0.694 | -0.201 | 0.003 | 0.001 | 0.919 | 0.077 |
| 0760058A/2019 | -0.619 | -0.153 | 0.002 | 0.000 | 0.942 | 0.058 |
| 0760072R/2019 | -0.562 | 0.025 | 0.002 | 0.000 | 0.997 | 0.002 |
| 0760076V/2019 | -0.222 | -0.085 | 0.000 | 0.000 | 0.735 | 0.108 |
| 0760087G/2019 | -0.811 | -0.250 | 0.004 | 0.001 | 0.913 | 0.087 |
| 0760088H/2019 | -0.482 | -0.353 | 0.001 | 0.002 | 0.609 | 0.327 |
| 0760090K/2019 | 0.117 | -0.127 | 0.000 | 0.000 | 0.452 | 0.535 |
| 0760091L/2019 | -0.135 | -0.143 | 0.000 | 0.000 | 0.284 | 0.319 |
| 0760093N/2019 | 0.515 | -0.317 | 0.002 | 0.002 | 0.470 | 0.178 |
| 0760095R/2019 | -0.533 | 0.092 | 0.002 | 0.000 | 0.956 | 0.028 |
| 0760096S/2019 | 0.193 | -0.045 | 0.000 | 0.000 | 0.456 | 0.025 |
| 0760109F/2019 | -0.225 | -0.025 | 0.000 | 0.000 | 0.823 | 0.010 |
| 0760110G/2019 | -0.582 | -0.129 | 0.002 | 0.000 | 0.931 | 0.046 |
| 0760145V/2019 | -0.695 | -0.271 | 0.003 | 0.001 | 0.868 | 0.132 |
| 0760164R/2019 | 0.774 | 1.011 | 0.004 | 0.020 | 0.365 | 0.623 |
| 0760165S/2019 | 7.641 | 0.918 | 0.359 | 0.016 | 0.978 | 0.014 |
| 0760168V/2019 | -0.162 | 0.424 | 0.000 | 0.004 | 0.127 | 0.863 |
| 0760169W/2019 | -0.520 | -0.164 | 0.002 | 0.001 | 0.875 | 0.087 |
| 0760170X/2019 | 0.745 | 0.638 | 0.003 | 0.008 | 0.573 | 0.420 |
| 0760174B/2019 | -0.463 | -0.136 | 0.001 | 0.000 | 0.884 | 0.076 |
| 0761315S/2019 | -0.653 | -0.236 | 0.003 | 0.001 | 0.883 | 0.115 |
| 0761341V/2019 | -0.509 | 0.007 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0761343X/2019 | -0.726 | -0.145 | 0.003 | 0.000 | 0.960 | 0.038 |
| 0761349D/2019 | -0.654 | -0.247 | 0.003 | 0.001 | 0.871 | 0.124 |
| 0761356L/2019 | -0.413 | -0.023 | 0.001 | 0.000 | 0.974 | 0.003 |
| 0761688X/2019 | 0.325 | 0.430 | 0.001 | 0.004 | 0.358 | 0.626 |
| 0761710W/2019 | -0.546 | 0.054 | 0.002 | 0.000 | 0.990 | 0.010 |
| 0761719F/2019 | -0.396 | -0.030 | 0.001 | 0.000 | 0.981 | 0.006 |
| 0761721H/2019 | -0.787 | -0.258 | 0.004 | 0.001 | 0.903 | 0.097 |
| 0761735Y/2019 | -0.465 | -0.053 | 0.001 | 0.000 | 0.941 | 0.012 |
| 0761742F/2019 | -0.207 | -0.164 | 0.000 | 0.001 | 0.466 | 0.293 |
| 0761904G/2019 | 1.120 | 2.578 | 0.008 | 0.130 | 0.158 | 0.839 |
| 0761942Y/2019 | -0.535 | 0.107 | 0.002 | 0.000 | 0.947 | 0.038 |
| 0762047M/2019 | 4.683 | 6.947 | 0.135 | 0.942 | 0.311 | 0.684 |
| 0762049P/2019 | 2.035 | 4.121 | 0.025 | 0.331 | 0.196 | 0.803 |
| 0762169V/2019 | -0.727 | -0.239 | 0.003 | 0.001 | 0.900 | 0.098 |
| 0762284V/2019 | -0.519 | 0.275 | 0.002 | 0.001 | 0.774 | 0.217 |
| 0762378X/2019 | 0.430 | 0.244 | 0.001 | 0.001 | 0.586 | 0.190 |
| 0762380Z/2019 | -0.548 | 0.111 | 0.002 | 0.000 | 0.948 | 0.039 |
| 0762600N/2019 | -0.648 | -0.038 | 0.003 | 0.000 | 0.993 | 0.003 |
| 0762601P/2019 | -0.704 | -0.230 | 0.003 | 0.001 | 0.899 | 0.096 |
| 0762602R/2019 | -0.828 | -0.298 | 0.004 | 0.002 | 0.885 | 0.115 |
| 0762637D/2019 | 1.814 | 0.002 | 0.020 | 0.000 | 0.775 | 0.000 |
| 0762638E/2019 | 1.989 | -0.070 | 0.024 | 0.000 | 0.775 | 0.001 |
| 0762640G/2019 | 1.224 | -0.343 | 0.009 | 0.002 | 0.665 | 0.052 |
| 0762641H/2019 | 2.845 | 0.811 | 0.050 | 0.013 | 0.784 | 0.064 |
| 0762642J/2019 | 4.395 | 1.296 | 0.119 | 0.033 | 0.798 | 0.069 |
| 0762646N/2019 | 2.126 | 0.152 | 0.028 | 0.000 | 0.795 | 0.004 |
| 0762687H/2019 | -0.410 | 0.156 | 0.001 | 0.000 | 0.824 | 0.119 |
| 0762733H/2019 | -0.475 | 0.044 | 0.001 | 0.000 | 0.947 | 0.008 |
| 0762735K/2019 | -0.755 | -0.323 | 0.004 | 0.002 | 0.844 | 0.154 |
| 0762762P/2019 | 0.127 | 0.974 | 0.000 | 0.019 | 0.016 | 0.976 |
| 0762765T/2019 | -0.803 | -0.342 | 0.004 | 0.002 | 0.846 | 0.154 |
| 0762879S/2019 | -0.244 | -0.078 | 0.000 | 0.000 | 0.799 | 0.083 |
| 0762880T/2019 | -0.704 | -0.288 | 0.003 | 0.002 | 0.853 | 0.142 |
| 0762911B/2019 | -0.391 | -0.118 | 0.001 | 0.000 | 0.859 | 0.078 |
| 0762920L/2019 | -0.781 | -0.260 | 0.004 | 0.001 | 0.899 | 0.100 |
| 0762964J/2019 | -0.664 | -0.167 | 0.003 | 0.001 | 0.935 | 0.059 |
| 0762969P/2019 | 0.014 | 1.341 | 0.000 | 0.035 | 0.000 | 0.989 |
| 0762976X/2019 | -0.569 | -0.327 | 0.002 | 0.002 | 0.737 | 0.243 |
| 0763096C/2019 | -0.088 | -0.281 | 0.000 | 0.002 | 0.077 | 0.779 |
| 0763111U/2019 | 0.352 | 1.555 | 0.001 | 0.047 | 0.048 | 0.941 |
| 0763214F/2019 | 0.141 | 0.300 | 0.000 | 0.002 | 0.141 | 0.639 |
| 0763237F/2019 | -0.610 | 0.058 | 0.002 | 0.000 | 0.991 | 0.009 |
| 0763400H/2019 | -0.503 | 0.005 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0763409T/2019 | -0.295 | -0.060 | 0.001 | 0.000 | 0.830 | 0.035 |
| 0763460Y/2019 | 1.531 | -0.877 | 0.014 | 0.015 | 0.744 | 0.244 |
| 0763470J/2019 | 2.417 | 1.820 | 0.036 | 0.065 | 0.612 | 0.347 |
| 0770918E/2019 | -0.333 | -0.142 | 0.001 | 0.000 | 0.699 | 0.127 |
| 0770920G/2019 | -0.611 | -0.087 | 0.002 | 0.000 | 0.972 | 0.020 |
| 0770922J/2019 | -0.394 | -0.166 | 0.001 | 0.001 | 0.826 | 0.146 |
| 0770924L/2019 | -0.561 | -0.204 | 0.002 | 0.001 | 0.859 | 0.114 |
| 0770926N/2019 | -0.063 | -0.135 | 0.000 | 0.000 | 0.064 | 0.295 |
| 0770927P/2019 | -0.029 | 0.079 | 0.000 | 0.000 | 0.103 | 0.753 |
| 0770930T/2019 | -0.236 | -0.083 | 0.000 | 0.000 | 0.849 | 0.104 |
| 0770931U/2019 | -0.540 | -0.093 | 0.002 | 0.000 | 0.971 | 0.029 |
| 0770933W/2019 | -0.271 | -0.014 | 0.000 | 0.000 | 0.986 | 0.003 |
| 0770934X/2019 | -0.348 | -0.117 | 0.001 | 0.000 | 0.898 | 0.102 |
| 0770938B/2019 | -0.489 | -0.348 | 0.001 | 0.002 | 0.651 | 0.328 |
| 0770940D/2019 | -0.343 | -0.170 | 0.001 | 0.001 | 0.712 | 0.175 |
| 0770942F/2019 | -0.534 | 0.016 | 0.002 | 0.000 | 0.996 | 0.001 |
| 0770943G/2019 | -0.658 | -0.267 | 0.003 | 0.001 | 0.855 | 0.140 |
| 0770945J/2019 | -0.830 | -0.297 | 0.004 | 0.002 | 0.887 | 0.113 |
| 0771027Y/2019 | -0.491 | -0.095 | 0.001 | 0.000 | 0.964 | 0.036 |
| 0771171E/2019 | -0.340 | -0.093 | 0.001 | 0.000 | 0.913 | 0.068 |
| 0771200L/2019 | -0.496 | 0.004 | 0.002 | 0.000 | 0.980 | 0.000 |
| 0771238C/2019 | -0.559 | 0.040 | 0.002 | 0.000 | 0.993 | 0.005 |
| 0771246L/2019 | -0.725 | -0.117 | 0.003 | 0.000 | 0.974 | 0.025 |
| 0771336J/2019 | -0.564 | -0.174 | 0.002 | 0.001 | 0.897 | 0.086 |
| 0771357G/2019 | -0.742 | -0.290 | 0.003 | 0.002 | 0.867 | 0.133 |
| 0771436T/2019 | -0.668 | -0.232 | 0.003 | 0.001 | 0.892 | 0.108 |
| 0771512A/2019 | -0.446 | -0.208 | 0.001 | 0.001 | 0.807 | 0.176 |
| 0771658J/2019 | -0.727 | -0.216 | 0.003 | 0.001 | 0.918 | 0.081 |
| 0771663P/2019 | -0.582 | -0.163 | 0.002 | 0.001 | 0.916 | 0.072 |
| 0771763Y/2019 | -0.114 | -0.122 | 0.000 | 0.000 | 0.363 | 0.416 |
| 0771880A/2019 | -0.748 | -0.057 | 0.003 | 0.000 | 0.994 | 0.006 |
| 0771940R/2019 | 0.080 | -0.184 | 0.000 | 0.001 | 0.106 | 0.565 |
| 0771941S/2019 | -0.653 | -0.144 | 0.003 | 0.000 | 0.944 | 0.046 |
| 0771984N/2019 | 3.608 | -1.146 | 0.080 | 0.026 | 0.721 | 0.073 |
| 0771985P/2019 | 3.124 | -0.798 | 0.060 | 0.012 | 0.739 | 0.048 |
| 0771986R/2019 | 3.053 | -0.582 | 0.057 | 0.007 | 0.762 | 0.028 |
| 0771987S/2019 | 2.946 | -0.848 | 0.053 | 0.014 | 0.722 | 0.060 |
| 0771988T/2019 | 2.683 | -0.890 | 0.044 | 0.015 | 0.700 | 0.077 |
| 0771989U/2019 | 2.130 | -0.681 | 0.028 | 0.009 | 0.694 | 0.071 |
| 0771990V/2019 | 2.367 | -0.578 | 0.034 | 0.007 | 0.728 | 0.043 |
| 0771996B/2019 | -0.245 | -0.275 | 0.000 | 0.001 | 0.422 | 0.531 |
| 0772120L/2019 | 0.134 | -0.129 | 0.000 | 0.000 | 0.258 | 0.241 |
| 0772127U/2019 | 0.094 | -0.187 | 0.000 | 0.001 | 0.099 | 0.393 |
| 0772153X/2019 | -0.635 | -0.147 | 0.002 | 0.000 | 0.949 | 0.051 |
| 0772188K/2019 | -0.423 | -0.021 | 0.001 | 0.000 | 0.991 | 0.003 |
| 0772223Y/2019 | -0.111 | 0.095 | 0.000 | 0.000 | 0.147 | 0.109 |
| 0772225A/2019 | -0.433 | -0.153 | 0.001 | 0.000 | 0.731 | 0.091 |
| 0772228D/2019 | -0.275 | -0.262 | 0.000 | 0.001 | 0.386 | 0.348 |
| 0772229E/2019 | -0.169 | -0.103 | 0.000 | 0.000 | 0.591 | 0.221 |
| 0772230F/2019 | -0.025 | -0.154 | 0.000 | 0.000 | 0.025 | 0.939 |
| 0772243V/2019 | -0.254 | -0.078 | 0.000 | 0.000 | 0.903 | 0.084 |
| 0772276F/2019 | -0.246 | -0.074 | 0.000 | 0.000 | 0.583 | 0.052 |
| 0772292Y/2019 | -0.548 | -0.180 | 0.002 | 0.001 | 0.888 | 0.096 |
| 0772296C/2019 | -0.678 | -0.135 | 0.003 | 0.000 | 0.958 | 0.038 |
| 0772310T/2019 | -0.191 | -0.292 | 0.000 | 0.002 | 0.278 | 0.649 |
| 0772312V/2019 | -0.386 | -0.032 | 0.001 | 0.000 | 0.952 | 0.006 |
| 0772342C/2019 | -0.368 | -0.239 | 0.001 | 0.001 | 0.680 | 0.286 |
| 0772346G/2019 | 0.611 | 0.329 | 0.002 | 0.002 | 0.755 | 0.219 |
| 0772347H/2019 | 0.221 | 0.253 | 0.000 | 0.001 | 0.432 | 0.565 |
| 0772348J/2019 | 1.329 | 0.380 | 0.011 | 0.003 | 0.914 | 0.075 |
| 0772432A/2019 | 0.879 | 0.029 | 0.005 | 0.000 | 0.789 | 0.001 |
| 0772448T/2019 | 2.399 | 3.684 | 0.035 | 0.265 | 0.296 | 0.699 |
| 0772496V/2019 | -0.805 | -0.252 | 0.004 | 0.001 | 0.911 | 0.089 |
| 0772502B/2019 | 0.429 | 0.882 | 0.001 | 0.015 | 0.191 | 0.808 |
| 0772519V/2019 | -0.016 | 0.328 | 0.000 | 0.002 | 0.002 | 0.994 |
| 0772551E/2019 | 0.888 | 0.617 | 0.005 | 0.007 | 0.660 | 0.318 |
| 0772688D/2019 | -0.592 | 0.053 | 0.002 | 0.000 | 0.991 | 0.008 |
| 0772692H/2019 | -0.505 | 0.026 | 0.002 | 0.000 | 0.965 | 0.003 |
| 0772737G/2019 | -0.681 | -0.132 | 0.003 | 0.000 | 0.963 | 0.036 |
| 0772797X/2019 | -0.379 | -0.006 | 0.001 | 0.000 | 0.934 | 0.000 |
| 0780004F/2019 | -0.577 | 0.010 | 0.002 | 0.000 | 0.999 | 0.000 |
| 0780015T/2019 | -0.261 | 0.053 | 0.000 | 0.000 | 0.829 | 0.034 |
| 0780412Z/2019 | 1.669 | 1.164 | 0.017 | 0.026 | 0.658 | 0.320 |
| 0780422K/2019 | -0.389 | -0.184 | 0.001 | 0.001 | 0.813 | 0.183 |
| 0780492L/2019 | 0.055 | 0.013 | 0.000 | 0.000 | 0.019 | 0.001 |
| 0780515L/2019 | -0.283 | -0.121 | 0.000 | 0.000 | 0.830 | 0.151 |
| 0780548X/2019 | 3.611 | -1.111 | 0.080 | 0.024 | 0.724 | 0.068 |
| 0780582J/2019 | -0.368 | -0.046 | 0.001 | 0.000 | 0.854 | 0.014 |
| 0781023N/2019 | -0.598 | 0.101 | 0.002 | 0.000 | 0.972 | 0.027 |
| 0781069N/2019 | -0.722 | -0.101 | 0.003 | 0.000 | 0.981 | 0.019 |
| 0781297L/2019 | -0.263 | -0.109 | 0.000 | 0.000 | 0.825 | 0.143 |
| 0781512V/2019 | -0.306 | -0.070 | 0.001 | 0.000 | 0.947 | 0.049 |
| 0781578S/2019 | -0.154 | 0.249 | 0.000 | 0.001 | 0.236 | 0.620 |
| 0781626U/2019 | 3.330 | -0.863 | 0.068 | 0.015 | 0.737 | 0.049 |
| 0781627V/2019 | 3.130 | -0.287 | 0.060 | 0.002 | 0.792 | 0.007 |
| 0781629X/2019 | 2.399 | -0.817 | 0.035 | 0.013 | 0.686 | 0.080 |
| 0781631Z/2019 | -0.144 | -0.195 | 0.000 | 0.001 | 0.170 | 0.310 |
| 0781839A/2019 | -0.393 | -0.029 | 0.001 | 0.000 | 0.941 | 0.005 |
| 0781845G/2019 | -0.361 | -0.138 | 0.001 | 0.000 | 0.756 | 0.112 |
| 0781883Y/2019 | -0.732 | -0.227 | 0.003 | 0.001 | 0.911 | 0.088 |
| 0781898P/2019 | -0.670 | -0.067 | 0.003 | 0.000 | 0.985 | 0.010 |
| 0781944P/2019 | 0.658 | 0.885 | 0.003 | 0.015 | 0.353 | 0.639 |
| 0781945R/2019 | 0.582 | 0.028 | 0.002 | 0.000 | 0.669 | 0.002 |
| 0781948U/2019 | -0.699 | -0.289 | 0.003 | 0.002 | 0.851 | 0.145 |
| 0781981S/2019 | -0.548 | 0.286 | 0.002 | 0.002 | 0.785 | 0.214 |
| 0781984H/2019 | -0.326 | -0.093 | 0.001 | 0.000 | 0.752 | 0.061 |
| 0782076H/2019 | 1.246 | 1.996 | 0.010 | 0.078 | 0.277 | 0.712 |
| 0782104N/2019 | 1.605 | -0.593 | 0.016 | 0.007 | 0.811 | 0.111 |
| 0782117C/2019 | 0.105 | 0.096 | 0.000 | 0.000 | 0.421 | 0.350 |
| 0782118D/2019 | 0.445 | 0.068 | 0.001 | 0.000 | 0.910 | 0.021 |
| 0782132U/2019 | -0.124 | 0.109 | 0.000 | 0.000 | 0.555 | 0.428 |
| 0782539L/2019 | -0.511 | -0.014 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0782540M/2019 | -0.649 | -0.128 | 0.003 | 0.000 | 0.952 | 0.037 |
| 0782546U/2019 | -0.010 | -0.159 | 0.000 | 0.000 | 0.004 | 0.984 |
| 0782549X/2019 | -0.468 | -0.106 | 0.001 | 0.000 | 0.950 | 0.049 |
| 0782556E/2019 | -0.405 | -0.187 | 0.001 | 0.001 | 0.815 | 0.173 |
| 0782557F/2019 | -0.252 | -0.109 | 0.000 | 0.000 | 0.759 | 0.141 |
| 0782562L/2019 | 1.438 | 0.107 | 0.013 | 0.000 | 0.990 | 0.005 |
| 0782563M/2019 | 0.154 | 0.450 | 0.000 | 0.004 | 0.098 | 0.839 |
| 0782565P/2019 | -0.437 | 0.029 | 0.001 | 0.000 | 0.925 | 0.004 |
| 0782567S/2019 | 0.019 | -0.067 | 0.000 | 0.000 | 0.012 | 0.152 |
| 0782587N/2019 | -0.735 | -0.277 | 0.003 | 0.001 | 0.873 | 0.124 |
| 0782602E/2019 | -0.748 | -0.272 | 0.003 | 0.001 | 0.881 | 0.117 |
| 0782822U/2019 | -0.244 | -0.079 | 0.000 | 0.000 | 0.836 | 0.089 |
| 0782924E/2019 | 0.036 | -0.172 | 0.000 | 0.001 | 0.034 | 0.746 |
| 0783053V/2019 | 0.613 | 0.504 | 0.002 | 0.005 | 0.595 | 0.402 |
| 0783192W/2019 | -0.455 | 0.302 | 0.001 | 0.002 | 0.685 | 0.303 |
| 0783282U/2019 | -0.178 | 0.559 | 0.000 | 0.006 | 0.091 | 0.890 |
| 0783323N/2019 | -0.643 | -0.038 | 0.003 | 0.000 | 0.996 | 0.004 |
| 0783344L/2019 | -0.594 | -0.065 | 0.002 | 0.000 | 0.984 | 0.012 |
| 0783351U/2019 | -0.073 | 0.036 | 0.000 | 0.000 | 0.524 | 0.131 |
| 0783389K/2019 | 2.258 | -0.348 | 0.031 | 0.002 | 0.747 | 0.018 |
| 0783390L/2019 | 2.206 | -0.739 | 0.030 | 0.011 | 0.682 | 0.077 |
| 0783431F/2019 | -0.692 | -0.411 | 0.003 | 0.003 | 0.731 | 0.258 |
| 0783447Y/2019 | -0.875 | -0.407 | 0.005 | 0.003 | 0.822 | 0.178 |
| 0783455G/2019 | -0.580 | -0.023 | 0.002 | 0.000 | 0.998 | 0.002 |
| 0783533S/2019 | -0.063 | -0.136 | 0.000 | 0.000 | 0.072 | 0.337 |
| 0783664J/2019 | 4.178 | 2.768 | 0.107 | 0.149 | 0.662 | 0.290 |
| 0783720V/2019 | 0.236 | -0.018 | 0.000 | 0.000 | 0.578 | 0.004 |
| 0790007D/2019 | -0.678 | -0.239 | 0.003 | 0.001 | 0.886 | 0.110 |
| 0790019S/2019 | -0.644 | -0.143 | 0.003 | 0.000 | 0.948 | 0.047 |
| 0790023W/2019 | -0.629 | -0.147 | 0.002 | 0.000 | 0.940 | 0.052 |
| 0790024X/2019 | -0.706 | -0.167 | 0.003 | 0.001 | 0.945 | 0.053 |
| 0790029C/2019 | -0.483 | -0.002 | 0.001 | 0.000 | 0.999 | 0.000 |
| 0790031E/2019 | -0.696 | -0.128 | 0.003 | 0.000 | 0.967 | 0.033 |
| 0790036K/2019 | -0.742 | -0.165 | 0.003 | 0.001 | 0.953 | 0.047 |
| 0790038M/2019 | -0.829 | -0.244 | 0.004 | 0.001 | 0.920 | 0.079 |
| 0790080H/2019 | -0.678 | -0.139 | 0.003 | 0.000 | 0.959 | 0.040 |
| 0790090U/2019 | -0.840 | -0.294 | 0.004 | 0.002 | 0.891 | 0.109 |
| 0790706N/2019 | -0.663 | -0.279 | 0.003 | 0.002 | 0.844 | 0.149 |
| 0790768F/2019 | -0.502 | -0.108 | 0.002 | 0.000 | 0.953 | 0.044 |
| 0790964U/2019 | -0.786 | -0.098 | 0.004 | 0.000 | 0.985 | 0.015 |
| 0791005N/2019 | -0.713 | -0.015 | 0.003 | 0.000 | 0.999 | 0.000 |
| 0791009T/2019 | 2.848 | -0.697 | 0.050 | 0.009 | 0.753 | 0.045 |
| 0791018C/2019 | 4.652 | 0.080 | 0.133 | 0.000 | 0.838 | 0.000 |
| 0791029P/2019 | -0.798 | -0.254 | 0.004 | 0.001 | 0.908 | 0.092 |
| 0791062A/2019 | -0.491 | -0.153 | 0.001 | 0.000 | 0.902 | 0.088 |
| 0791090F/2019 | -0.023 | 0.378 | 0.000 | 0.003 | 0.004 | 0.992 |
| 0791103V/2019 | -0.477 | 0.176 | 0.001 | 0.001 | 0.874 | 0.118 |
| 0791171U/2019 | -0.712 | -0.182 | 0.003 | 0.001 | 0.938 | 0.061 |
| 0800001S/2019 | -0.414 | -0.023 | 0.001 | 0.000 | 0.968 | 0.003 |
| 0800007Y/2019 | -0.563 | -0.020 | 0.002 | 0.000 | 0.998 | 0.001 |
| 0800009A/2019 | -0.170 | 0.418 | 0.000 | 0.003 | 0.142 | 0.858 |
| 0800010B/2019 | -0.374 | -0.034 | 0.001 | 0.000 | 0.883 | 0.007 |
| 0800011C/2019 | -0.209 | -0.198 | 0.000 | 0.001 | 0.430 | 0.388 |
| 0800046R/2019 | -0.492 | -0.090 | 0.001 | 0.000 | 0.963 | 0.032 |
| 0800080C/2019 | -0.041 | 1.097 | 0.000 | 0.023 | 0.001 | 0.998 |
| 0801207C/2019 | -0.432 | -0.017 | 0.001 | 0.000 | 0.977 | 0.002 |
| 0801209E/2019 | -0.441 | -0.101 | 0.001 | 0.000 | 0.897 | 0.047 |
| 0801265R/2019 | 0.812 | 1.326 | 0.004 | 0.034 | 0.271 | 0.722 |
| 0801272Y/2019 | -0.610 | -0.161 | 0.002 | 0.001 | 0.934 | 0.065 |
| 0801327H/2019 | -0.596 | -0.292 | 0.002 | 0.002 | 0.807 | 0.193 |
| 0801328J/2019 | -0.654 | -0.105 | 0.003 | 0.000 | 0.973 | 0.025 |
| 0801344B/2019 | 0.940 | 2.076 | 0.005 | 0.084 | 0.170 | 0.827 |
| 0801479Y/2019 | -0.456 | 0.031 | 0.001 | 0.000 | 0.975 | 0.005 |
| 0801558J/2019 | -0.626 | -0.148 | 0.002 | 0.000 | 0.931 | 0.052 |
| 0801613U/2019 | -0.650 | 0.018 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0801700N/2019 | -0.516 | -0.211 | 0.002 | 0.001 | 0.857 | 0.143 |
| 0801720K/2019 | -0.765 | -0.176 | 0.004 | 0.001 | 0.950 | 0.050 |
| 0801742J/2019 | -0.664 | -0.086 | 0.003 | 0.000 | 0.979 | 0.017 |
| 0801773T/2019 | 3.795 | 0.704 | 0.089 | 0.010 | 0.824 | 0.028 |
| 0801774U/2019 | 1.767 | 0.176 | 0.019 | 0.001 | 0.782 | 0.008 |
| 0801841S/2019 | -0.532 | -0.179 | 0.002 | 0.001 | 0.881 | 0.100 |
| 0801853E/2019 | -0.569 | -0.150 | 0.002 | 0.000 | 0.926 | 0.064 |
| 0801864S/2019 | -0.726 | -0.260 | 0.003 | 0.001 | 0.886 | 0.113 |
| 0801882L/2019 | 0.175 | -0.215 | 0.000 | 0.001 | 0.286 | 0.430 |
| 0801888T/2019 | -0.664 | 0.040 | 0.003 | 0.000 | 0.996 | 0.004 |
| 0801946F/2019 | -0.827 | -0.245 | 0.004 | 0.001 | 0.919 | 0.080 |
| 0801955R/2019 | 2.681 | 0.117 | 0.044 | 0.000 | 0.815 | 0.002 |
| 0802119U/2019 | -0.100 | -0.156 | 0.000 | 0.000 | 0.109 | 0.267 |
| 0802184P/2019 | -0.523 | 0.014 | 0.002 | 0.000 | 0.972 | 0.001 |
| 0810003N/2019 | -0.238 | -0.378 | 0.000 | 0.003 | 0.230 | 0.579 |
| 0810004P/2019 | -0.574 | -0.078 | 0.002 | 0.000 | 0.972 | 0.018 |
| 0810005R/2019 | -0.444 | -0.210 | 0.001 | 0.001 | 0.812 | 0.182 |
| 0810006S/2019 | -0.073 | 0.090 | 0.000 | 0.000 | 0.310 | 0.470 |
| 0810012Y/2019 | -0.588 | -0.162 | 0.002 | 0.001 | 0.924 | 0.070 |
| 0810018E/2019 | -0.195 | -0.357 | 0.000 | 0.002 | 0.182 | 0.609 |
| 0810023K/2019 | -0.333 | -0.050 | 0.001 | 0.000 | 0.956 | 0.022 |
| 0810033W/2019 | -0.781 | -0.261 | 0.004 | 0.001 | 0.899 | 0.100 |
| 0810079W/2019 | -0.681 | -0.132 | 0.003 | 0.000 | 0.964 | 0.036 |
| 0810095N/2019 | -0.548 | -0.129 | 0.002 | 0.000 | 0.923 | 0.051 |
| 0810103X/2019 | -0.757 | -0.213 | 0.004 | 0.001 | 0.926 | 0.074 |
| 0810121S/2019 | -0.532 | 0.007 | 0.002 | 0.000 | 0.998 | 0.000 |
| 0810833R/2019 | -0.689 | -0.022 | 0.003 | 0.000 | 0.998 | 0.001 |
| 0810959C/2019 | -0.404 | -0.147 | 0.001 | 0.000 | 0.884 | 0.116 |
| 0810974U/2019 | 7.325 | -1.209 | 0.330 | 0.029 | 0.818 | 0.022 |
| 0810995S/2019 | -0.820 | -0.246 | 0.004 | 0.001 | 0.917 | 0.083 |
| 0811002Z/2019 | 5.704 | -1.778 | 0.200 | 0.062 | 0.757 | 0.074 |
| 0811105L/2019 | -0.695 | -0.201 | 0.003 | 0.001 | 0.921 | 0.077 |
| 0811106M/2019 | -0.747 | -0.093 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0811144D/2019 | -0.806 | -0.304 | 0.004 | 0.002 | 0.875 | 0.124 |
| 0811175M/2019 | -0.781 | -0.207 | 0.004 | 0.001 | 0.934 | 0.065 |
| 0811199N/2019 | 0.198 | 0.236 | 0.000 | 0.001 | 0.404 | 0.574 |
| 0811293I/2019 | 1.316 | -0.662 | 0.011 | 0.009 | 0.787 | 0.199 |
| 0811293R/2019 | -0.136 | 0.570 | 0.000 | 0.006 | 0.053 | 0.931 |
| 0811324Z/2019 | -0.693 | -0.289 | 0.003 | 0.002 | 0.852 | 0.148 |
| 0811341T/2019 | -0.764 | -0.317 | 0.004 | 0.002 | 0.850 | 0.146 |
| 0820001F/2019 | -0.675 | -0.243 | 0.003 | 0.001 | 0.882 | 0.115 |
| 0820004J/2019 | -0.636 | -0.254 | 0.002 | 0.001 | 0.861 | 0.137 |
| 0820016X/2019 | -0.437 | -0.314 | 0.001 | 0.002 | 0.591 | 0.305 |
| 0820021C/2019 | -0.548 | -0.207 | 0.002 | 0.001 | 0.875 | 0.125 |
| 0820044C/2019 | -0.652 | -0.142 | 0.003 | 0.000 | 0.955 | 0.045 |
| 0820559M/2019 | -0.756 | -0.303 | 0.004 | 0.002 | 0.861 | 0.139 |
| 0820752X/2019 | 6.985 | -2.021 | 0.300 | 0.080 | 0.768 | 0.064 |
| 0820822Y/2019 | -0.659 | 0.074 | 0.003 | 0.000 | 0.987 | 0.012 |
| 0820844X/2019 | 0.769 | 1.638 | 0.004 | 0.052 | 0.179 | 0.810 |
| 0820883P/2019 | -0.619 | -0.156 | 0.002 | 0.000 | 0.930 | 0.059 |
| 0820884R/2019 | 0.010 | 0.287 | 0.000 | 0.002 | 0.001 | 0.660 |
| 0820899G/2019 | -0.540 | -0.181 | 0.002 | 0.001 | 0.895 | 0.100 |
| 0820904M/2019 | -0.730 | -0.292 | 0.003 | 0.002 | 0.856 | 0.137 |
| 0830007G/2019 | -0.450 | -0.207 | 0.001 | 0.001 | 0.813 | 0.172 |
| 0830015R/2019 | -0.143 | 0.510 | 0.000 | 0.005 | 0.072 | 0.921 |
| 0830025B/2019 | -0.437 | -0.114 | 0.001 | 0.000 | 0.927 | 0.063 |
| 0830032J/2019 | -0.680 | -0.215 | 0.003 | 0.001 | 0.905 | 0.090 |
| 0830042V/2019 | -0.540 | -0.179 | 0.002 | 0.001 | 0.900 | 0.099 |
| 0830050D/2019 | -0.332 | -0.198 | 0.001 | 0.001 | 0.721 | 0.256 |
| 0830053G/2019 | -0.172 | 0.323 | 0.000 | 0.002 | 0.222 | 0.776 |
| 0830058M/2019 | -0.690 | -0.078 | 0.003 | 0.000 | 0.984 | 0.013 |
| 0830059N/2019 | -0.378 | -0.385 | 0.001 | 0.003 | 0.422 | 0.439 |
| 0830077H/2019 | -0.730 | -0.259 | 0.003 | 0.001 | 0.888 | 0.112 |
| 0830100H/2019 | -0.540 | -0.160 | 0.002 | 0.001 | 0.914 | 0.080 |
| 0830165D/2019 | 0.538 | 0.487 | 0.002 | 0.005 | 0.545 | 0.446 |
| 0830766G/2019 | 0.428 | 1.597 | 0.001 | 0.050 | 0.067 | 0.933 |
| 0830923C/2019 | -0.641 | -0.095 | 0.003 | 0.000 | 0.968 | 0.021 |
| 0831014B/2019 | -0.746 | -0.326 | 0.003 | 0.002 | 0.838 | 0.160 |
| 0831025N/2019 | 3.488 | -0.953 | 0.075 | 0.018 | 0.758 | 0.057 |
| 0831059A/2019 | 4.179 | -1.330 | 0.107 | 0.034 | 0.741 | 0.075 |
| 0831060B/2019 | 5.423 | -0.784 | 0.181 | 0.012 | 0.813 | 0.017 |
| 0831141P/2019 | -0.694 | -0.244 | 0.003 | 0.001 | 0.888 | 0.110 |
| 0831187P/2019 | -0.799 | -0.308 | 0.004 | 0.002 | 0.871 | 0.129 |
| 0831207L/2019 | -0.544 | -0.070 | 0.002 | 0.000 | 0.981 | 0.016 |
| 0831229K/2019 | -0.441 | -0.012 | 0.001 | 0.000 | 0.930 | 0.001 |
| 0831243A/2019 | -0.293 | -0.229 | 0.001 | 0.001 | 0.574 | 0.350 |
| 0831407D/2019 | -0.292 | -0.295 | 0.001 | 0.002 | 0.477 | 0.487 |
| 0831440P/2019 | -0.204 | -0.174 | 0.000 | 0.001 | 0.280 | 0.203 |
| 0831453D/2019 | -0.150 | 0.136 | 0.000 | 0.000 | 0.376 | 0.308 |
| 0831458J/2019 | -0.076 | 0.266 | 0.000 | 0.001 | 0.061 | 0.736 |
| 0831483L/2019 | 0.047 | 0.271 | 0.000 | 0.001 | 0.022 | 0.731 |
| 0831484M/2019 | 0.488 | 1.729 | 0.001 | 0.058 | 0.073 | 0.922 |
| 0831485N/2019 | 0.603 | 0.253 | 0.002 | 0.001 | 0.799 | 0.141 |
| 0831559U/2019 | -0.711 | -0.283 | 0.003 | 0.002 | 0.863 | 0.137 |
| 0831563Y/2019 | -0.424 | -0.376 | 0.001 | 0.003 | 0.549 | 0.431 |
| 0831616F/2019 | -0.732 | -0.279 | 0.003 | 0.002 | 0.872 | 0.127 |
| 0831646N/2019 | -0.527 | -0.262 | 0.002 | 0.001 | 0.792 | 0.195 |
| 0831750B/2019 | 3.400 | -1.456 | 0.071 | 0.041 | 0.684 | 0.126 |
| 0831911T/2019 | -0.173 | 0.097 | 0.000 | 0.000 | 0.530 | 0.166 |
| 0840003X/2019 | -0.320 | -0.001 | 0.001 | 0.000 | 0.965 | 0.000 |
| 0840004Y/2019 | -0.188 | -0.077 | 0.000 | 0.000 | 0.778 | 0.130 |
| 0840005Z/2019 | -0.562 | -0.240 | 0.002 | 0.001 | 0.845 | 0.154 |
| 0840015K/2019 | -0.773 | -0.290 | 0.004 | 0.002 | 0.876 | 0.123 |
| 0840016L/2019 | -0.391 | -0.223 | 0.001 | 0.001 | 0.661 | 0.215 |
| 0840017M/2019 | -0.376 | -0.135 | 0.001 | 0.000 | 0.882 | 0.113 |
| 0840021S/2019 | -0.685 | -0.294 | 0.003 | 0.002 | 0.839 | 0.155 |
| 0840026X/2019 | -0.245 | -0.079 | 0.000 | 0.000 | 0.856 | 0.089 |
| 0840041N/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0840042P/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0840059H/2019 | -0.508 | 0.006 | 0.002 | 0.000 | 1.000 | 0.000 |
| 0840072X/2019 | -0.444 | 0.214 | 0.001 | 0.001 | 0.805 | 0.188 |
| 0840110N/2019 | -0.706 | -0.266 | 0.003 | 0.001 | 0.875 | 0.125 |
| 0840607D/2019 | -0.690 | -0.343 | 0.003 | 0.002 | 0.801 | 0.198 |
| 0840685N/2019 | 0.235 | 1.199 | 0.000 | 0.028 | 0.037 | 0.961 |
| 0840855Y/2019 | 7.032 | -1.451 | 0.304 | 0.041 | 0.800 | 0.034 |
| 0840935K/2019 | -0.370 | -0.372 | 0.001 | 0.003 | 0.445 | 0.449 |
| 0840940R/2019 | -0.738 | -0.192 | 0.003 | 0.001 | 0.936 | 0.063 |
| 0840957J/2019 | 0.220 | -0.038 | 0.000 | 0.000 | 0.684 | 0.021 |
| 0841091E/2019 | -0.567 | -0.291 | 0.002 | 0.002 | 0.764 | 0.201 |
| 0850006V/2019 | -0.673 | -0.242 | 0.003 | 0.001 | 0.885 | 0.114 |
| 0850016F/2019 | -0.105 | -0.219 | 0.000 | 0.001 | 0.085 | 0.369 |
| 0850025R/2019 | -0.280 | -0.067 | 0.000 | 0.000 | 0.895 | 0.052 |
| 0850027T/2019 | -0.644 | -0.220 | 0.003 | 0.001 | 0.895 | 0.105 |
| 0850028U/2019 | -0.738 | -0.291 | 0.003 | 0.002 | 0.864 | 0.135 |
| 0850032Y/2019 | -0.555 | -0.104 | 0.002 | 0.000 | 0.964 | 0.034 |
| 0850068M/2019 | -0.544 | -0.079 | 0.002 | 0.000 | 0.975 | 0.021 |
| 0850076W/2019 | -0.577 | 0.029 | 0.002 | 0.000 | 0.997 | 0.003 |
| 0850079Z/2019 | -0.733 | -0.221 | 0.003 | 0.001 | 0.915 | 0.083 |
| 0850086G/2019 | -0.747 | -0.282 | 0.003 | 0.002 | 0.876 | 0.124 |
| 0850130E/2019 | -0.605 | -0.120 | 0.002 | 0.000 | 0.962 | 0.038 |
| 0850133H/2019 | -0.361 | -0.040 | 0.001 | 0.000 | 0.931 | 0.011 |
| 0850136L/2019 | -0.681 | -0.134 | 0.003 | 0.000 | 0.962 | 0.037 |
| 0850142T/2019 | -0.698 | -0.180 | 0.003 | 0.001 | 0.937 | 0.063 |
| 0850144V/2019 | -0.384 | -0.160 | 0.001 | 0.000 | 0.850 | 0.147 |
| 0850151C/2019 | -0.542 | -0.123 | 0.002 | 0.000 | 0.942 | 0.049 |
| 0850152D/2019 | -0.754 | -0.251 | 0.003 | 0.001 | 0.900 | 0.100 |
| 0850609A/2019 | -0.669 | -0.021 | 0.003 | 0.000 | 0.999 | 0.001 |
| 0851252Z/2019 | -0.613 | 0.219 | 0.002 | 0.001 | 0.887 | 0.113 |
| 0851344Z/2019 | -0.648 | -0.204 | 0.003 | 0.001 | 0.904 | 0.089 |
| 0851346B/2019 | -0.546 | -0.178 | 0.002 | 0.001 | 0.904 | 0.096 |
| 0851390Z/2019 | -0.405 | -0.444 | 0.001 | 0.004 | 0.454 | 0.546 |
| 0851400K/2019 | -0.393 | -0.385 | 0.001 | 0.003 | 0.492 | 0.471 |
| 0851401L/2019 | -0.646 | -0.254 | 0.003 | 0.001 | 0.856 | 0.132 |
| 0851415B/2019 | -0.495 | 0.384 | 0.002 | 0.003 | 0.623 | 0.377 |
| 0851457X/2019 | -0.291 | 0.018 | 0.001 | 0.000 | 0.988 | 0.004 |
| 0851465F/2019 | -0.480 | 0.530 | 0.001 | 0.005 | 0.450 | 0.549 |
| 0851473P/2019 | 0.640 | 1.534 | 0.003 | 0.046 | 0.145 | 0.835 |
| 0851594W/2019 | -0.211 | 0.292 | 0.000 | 0.002 | 0.284 | 0.546 |
| 0851609M/2019 | 5.965 | 0.180 | 0.219 | 0.001 | 0.843 | 0.001 |
| 0851637T/2019 | -0.557 | -0.205 | 0.002 | 0.001 | 0.847 | 0.115 |
| 0851642Y/2019 | -0.741 | -0.234 | 0.003 | 0.001 | 0.909 | 0.090 |
| 0851682S/2019 | 2.556 | -0.906 | 0.040 | 0.016 | 0.704 | 0.089 |
| 0860005N/2019 | -0.555 | -0.187 | 0.002 | 0.001 | 0.897 | 0.101 |
| 0860009T/2019 | -0.643 | -0.251 | 0.003 | 0.001 | 0.867 | 0.132 |
| 0860021F/2019 | -0.637 | -0.150 | 0.002 | 0.000 | 0.940 | 0.052 |
| 0860028N/2019 | -0.578 | -0.183 | 0.002 | 0.001 | 0.901 | 0.090 |
| 0860029P/2019 | -0.777 | -0.316 | 0.004 | 0.002 | 0.857 | 0.142 |
| 0860034V/2019 | -0.075 | -0.136 | 0.000 | 0.000 | 0.204 | 0.664 |
| 0860035W/2019 | 0.095 | 0.380 | 0.000 | 0.003 | 0.059 | 0.933 |
| 0860037Y/2019 | -0.683 | -0.187 | 0.003 | 0.001 | 0.927 | 0.070 |
| 0860038Z/2019 | -0.307 | -0.025 | 0.001 | 0.000 | 0.929 | 0.006 |
| 0860039A/2019 | -0.645 | -0.222 | 0.003 | 0.001 | 0.885 | 0.105 |
| 0860058W/2019 | -0.725 | -0.368 | 0.003 | 0.003 | 0.795 | 0.205 |
| 0860080V/2019 | 5.501 | 0.255 | 0.186 | 0.001 | 0.845 | 0.002 |
| 0860703X/2019 | 0.398 | 0.770 | 0.001 | 0.012 | 0.208 | 0.782 |
| 0860718N/2019 | -0.699 | -0.175 | 0.003 | 0.001 | 0.941 | 0.059 |
| 0860740M/2019 | -0.461 | -0.027 | 0.001 | 0.000 | 0.934 | 0.003 |
| 0860755D/2019 | -0.263 | 0.551 | 0.000 | 0.006 | 0.183 | 0.803 |
| 0860774Z/2019 | -0.737 | -0.234 | 0.003 | 0.001 | 0.908 | 0.092 |
| 0860789R/2019 | -0.678 | -0.108 | 0.003 | 0.000 | 0.975 | 0.025 |
| 0860818X/2019 | -0.744 | -0.183 | 0.003 | 0.001 | 0.943 | 0.057 |
| 0860823C/2019 | -0.824 | -0.299 | 0.004 | 0.002 | 0.883 | 0.117 |
| 0860856N/2019 | 0.035 | 0.785 | 0.000 | 0.012 | 0.002 | 0.988 |
| 0861145C/2019 | -0.823 | -0.246 | 0.004 | 0.001 | 0.918 | 0.082 |
| 0861168C/2019 | -0.332 | -0.225 | 0.001 | 0.001 | 0.592 | 0.271 |
| 0861223M/2019 | -0.539 | -0.077 | 0.002 | 0.000 | 0.951 | 0.019 |
| 0861228T/2019 | -0.128 | -0.216 | 0.000 | 0.001 | 0.239 | 0.676 |
| 0861273S/2019 | 3.313 | 11.641 | 0.067 | 2.644 | 0.075 | 0.924 |
| 0861283C/2019 | 0.109 | 0.167 | 0.000 | 0.001 | 0.289 | 0.673 |
| 0861408N/2019 | -0.381 | -0.233 | 0.001 | 0.001 | 0.664 | 0.248 |
| 0870004G/2019 | -0.798 | -0.255 | 0.004 | 0.001 | 0.907 | 0.092 |
| 0870015U/2019 | -0.187 | 0.023 | 0.000 | 0.000 | 0.973 | 0.015 |
| 0870016V/2019 | -0.049 | -0.137 | 0.000 | 0.000 | 0.030 | 0.237 |
| 0870017W/2019 | -0.134 | -0.116 | 0.000 | 0.000 | 0.479 | 0.359 |
| 0870019Y/2019 | -0.311 | -0.104 | 0.001 | 0.000 | 0.833 | 0.093 |
| 0870040W/2019 | -0.342 | -0.239 | 0.001 | 0.001 | 0.590 | 0.289 |
| 0870056N/2019 | -0.550 | -0.144 | 0.002 | 0.000 | 0.915 | 0.063 |
| 0870081R/2019 | -0.663 | -0.032 | 0.003 | 0.000 | 0.997 | 0.002 |
| 0870097H/2019 | -0.341 | 0.400 | 0.001 | 0.003 | 0.407 | 0.559 |
| 0870118F/2019 | -0.495 | -0.231 | 0.002 | 0.001 | 0.805 | 0.175 |
| 0870125N/2019 | 0.234 | 0.540 | 0.000 | 0.006 | 0.155 | 0.826 |
| 0870581J/2019 | -0.668 | -0.183 | 0.003 | 0.001 | 0.928 | 0.070 |
| 0870590U/2019 | -0.626 | -0.096 | 0.002 | 0.000 | 0.973 | 0.023 |
| 0870669E/2019 | 0.517 | 1.623 | 0.002 | 0.051 | 0.092 | 0.906 |
| 0870671G/2019 | -0.748 | -0.200 | 0.003 | 0.001 | 0.932 | 0.067 |
| 0870707W/2019 | -0.914 | -0.482 | 0.005 | 0.005 | 0.782 | 0.217 |
| 0870730W/2019 | -0.695 | -0.200 | 0.003 | 0.001 | 0.923 | 0.076 |
| 0870748R/2019 | -0.453 | -0.167 | 0.001 | 0.001 | 0.816 | 0.111 |
| 0870757A/2019 | -0.510 | -0.017 | 0.002 | 0.000 | 0.965 | 0.001 |
| 0870864S/2019 | -0.580 | -0.163 | 0.002 | 0.001 | 0.911 | 0.072 |
| 0870866U/2019 | 4.208 | -0.436 | 0.109 | 0.004 | 0.817 | 0.009 |
| 0870873B/2019 | 2.738 | -0.043 | 0.046 | 0.000 | 0.815 | 0.000 |
| 0870876E/2019 | -0.493 | -0.013 | 0.001 | 0.000 | 0.954 | 0.001 |
| 0870997L/2019 | -0.513 | -0.330 | 0.002 | 0.002 | 0.695 | 0.288 |
| 0871030X/2019 | -0.746 | -0.265 | 0.003 | 0.001 | 0.888 | 0.112 |
| 0875023M/2019 | -0.732 | -0.276 | 0.003 | 0.001 | 0.875 | 0.124 |
| 0875082B/2019 | 1.828 | -0.338 | 0.021 | 0.002 | 0.944 | 0.032 |
| 0880013L/2019 | -0.781 | -0.241 | 0.004 | 0.001 | 0.912 | 0.087 |
| 0880019T/2019 | -0.455 | -0.073 | 0.001 | 0.000 | 0.930 | 0.024 |
| 0880020U/2019 | -0.509 | 0.022 | 0.002 | 0.000 | 0.990 | 0.002 |
| 0880021V/2019 | -0.693 | -0.171 | 0.003 | 0.001 | 0.942 | 0.058 |
| 0880023X/2019 | -0.815 | -0.248 | 0.004 | 0.001 | 0.915 | 0.085 |
| 0880031F/2019 | -0.844 | -0.292 | 0.004 | 0.002 | 0.893 | 0.107 |
| 0880040R/2019 | -0.694 | -0.314 | 0.003 | 0.002 | 0.828 | 0.169 |
| 0880055G/2019 | -0.499 | 0.004 | 0.002 | 0.000 | 0.997 | 0.000 |
| 0880099E/2019 | -0.589 | -0.303 | 0.002 | 0.002 | 0.782 | 0.208 |
| 0880101G/2019 | -0.663 | 0.013 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0880152M/2019 | -0.758 | -0.268 | 0.004 | 0.001 | 0.888 | 0.111 |
| 0880153N/2019 | -0.714 | -0.242 | 0.003 | 0.001 | 0.897 | 0.103 |
| 0881070K/2019 | -0.548 | -0.081 | 0.002 | 0.000 | 0.972 | 0.021 |
| 0881452A/2019 | -0.702 | -0.126 | 0.003 | 0.000 | 0.969 | 0.031 |
| 0881509M/2019 | 0.980 | -0.409 | 0.006 | 0.003 | 0.600 | 0.104 |
| 0881510N/2019 | 0.928 | -0.375 | 0.005 | 0.003 | 0.594 | 0.097 |
| 0881511P/2019 | 1.032 | -0.549 | 0.007 | 0.006 | 0.558 | 0.158 |
| 0881664F/2019 | -0.565 | 0.043 | 0.002 | 0.000 | 0.994 | 0.006 |
| 0881679X/2019 | -0.312 | 0.197 | 0.001 | 0.001 | 0.649 | 0.260 |
| 0881703Y/2019 | 0.653 | 1.855 | 0.003 | 0.067 | 0.109 | 0.882 |
| 0881705A/2019 | -0.228 | 0.560 | 0.000 | 0.006 | 0.142 | 0.855 |
| 0881711G/2019 | -0.747 | -0.093 | 0.003 | 0.000 | 0.985 | 0.015 |
| 0881717N/2019 | 0.332 | 0.881 | 0.001 | 0.015 | 0.123 | 0.867 |
| 0890003V/2019 | -0.550 | -0.105 | 0.002 | 0.000 | 0.964 | 0.035 |
| 0890005X/2019 | -0.598 | -0.252 | 0.002 | 0.001 | 0.845 | 0.150 |
| 0890008A/2019 | -0.625 | -0.150 | 0.002 | 0.000 | 0.944 | 0.054 |
| 0890032B/2019 | -0.734 | -0.277 | 0.003 | 0.001 | 0.874 | 0.124 |
| 0890045R/2019 | -0.625 | -0.198 | 0.002 | 0.001 | 0.908 | 0.091 |
| 0890070T/2019 | -0.586 | -0.074 | 0.002 | 0.000 | 0.980 | 0.015 |
| 0890819G/2019 | -0.749 | -0.217 | 0.003 | 0.001 | 0.923 | 0.077 |
| 0890984L/2019 | 2.315 | -0.227 | 0.033 | 0.001 | 0.781 | 0.008 |
| 0890985M/2019 | 1.641 | -0.563 | 0.017 | 0.006 | 0.670 | 0.079 |
| 0891041Y/2019 | -0.784 | -0.170 | 0.004 | 0.001 | 0.955 | 0.045 |
| 0891168L/2019 | -0.523 | -0.289 | 0.002 | 0.002 | 0.756 | 0.231 |
| 0891199V/2019 | -0.631 | -0.205 | 0.002 | 0.001 | 0.902 | 0.095 |
| 0891200W/2019 | -0.731 | -0.229 | 0.003 | 0.001 | 0.911 | 0.089 |
| 0891222V/2019 | 0.049 | 0.399 | 0.000 | 0.003 | 0.014 | 0.946 |
| 0891309P/2019 | -0.758 | -0.089 | 0.004 | 0.000 | 0.986 | 0.014 |
| 0900002N/2019 | -0.219 | -0.088 | 0.000 | 0.000 | 0.811 | 0.131 |
| 0900003P/2019 | -0.431 | 0.160 | 0.001 | 0.000 | 0.874 | 0.120 |
| 0900004R/2019 | -0.533 | -0.104 | 0.002 | 0.000 | 0.962 | 0.037 |
| 0900024M/2019 | -0.408 | 0.357 | 0.001 | 0.002 | 0.563 | 0.431 |
| 0900029T/2019 | -0.462 | 0.094 | 0.001 | 0.000 | 0.943 | 0.039 |
| 0900030U/2019 | -0.714 | -0.121 | 0.003 | 0.000 | 0.972 | 0.028 |
| 0900231M/2019 | -0.122 | 0.269 | 0.000 | 0.001 | 0.169 | 0.817 |
| 0900246D/2019 | -0.631 | -0.221 | 0.002 | 0.001 | 0.891 | 0.109 |
| 0900334Z/2019 | 2.553 | 0.866 | 0.040 | 0.015 | 0.771 | 0.089 |
| 0900362E/2019 | -0.513 | 0.452 | 0.002 | 0.004 | 0.561 | 0.435 |
| 0900385E/2019 | -0.397 | 0.231 | 0.001 | 0.001 | 0.744 | 0.251 |
| 0900424X/2019 | 1.529 | 1.362 | 0.014 | 0.036 | 0.538 | 0.427 |
| 0910620E/2019 | -0.326 | -0.124 | 0.001 | 0.000 | 0.872 | 0.126 |
| 0910622G/2019 | -0.407 | -0.066 | 0.001 | 0.000 | 0.966 | 0.026 |
| 0910623H/2019 | -0.239 | -0.130 | 0.000 | 0.000 | 0.726 | 0.214 |
| 0910625K/2019 | -0.256 | -0.091 | 0.000 | 0.000 | 0.718 | 0.090 |
| 0910626L/2019 | 0.869 | 0.094 | 0.005 | 0.000 | 0.960 | 0.011 |
| 0910627M/2019 | -0.184 | -0.054 | 0.000 | 0.000 | 0.860 | 0.074 |
| 0910630R/2019 | -0.505 | -0.410 | 0.002 | 0.003 | 0.585 | 0.386 |
| 0910676R/2019 | -0.607 | -0.054 | 0.002 | 0.000 | 0.975 | 0.008 |
| 0910687C/2019 | 0.263 | -0.246 | 0.000 | 0.001 | 0.472 | 0.412 |
| 0910715H/2019 | -0.794 | -0.176 | 0.004 | 0.001 | 0.953 | 0.047 |
| 0910727W/2019 | -0.275 | -0.042 | 0.000 | 0.000 | 0.972 | 0.022 |
| 0910808J/2019 | -0.563 | 0.025 | 0.002 | 0.000 | 0.997 | 0.002 |
| 0910843X/2019 | -0.549 | 0.033 | 0.002 | 0.000 | 0.991 | 0.004 |
| 0910923J/2019 | 0.375 | 0.334 | 0.001 | 0.002 | 0.490 | 0.390 |
| 0910975R/2019 | -0.558 | -0.136 | 0.002 | 0.000 | 0.929 | 0.056 |
| 0911101C/2019 | 1.142 | 1.037 | 0.008 | 0.021 | 0.543 | 0.447 |
| 0911251R/2019 | -0.328 | -0.118 | 0.001 | 0.000 | 0.876 | 0.113 |
| 0911254U/2019 | 0.161 | -0.515 | 0.000 | 0.005 | 0.084 | 0.855 |
| 0911264E/2019 | -0.181 | 0.879 | 0.000 | 0.015 | 0.041 | 0.957 |
| 0911346U/2019 | 0.332 | -0.267 | 0.001 | 0.001 | 0.513 | 0.331 |
| 0911492C/2019 | -0.637 | -0.113 | 0.002 | 0.000 | 0.965 | 0.030 |
| 0911577V/2019 | -0.237 | -0.080 | 0.000 | 0.000 | 0.731 | 0.082 |
| 0911632E/2019 | -0.215 | -0.089 | 0.000 | 0.000 | 0.786 | 0.136 |
| 0911728J/2019 | 3.257 | -0.113 | 0.065 | 0.000 | 0.795 | 0.001 |
| 0911783U/2019 | 3.937 | 0.417 | 0.095 | 0.003 | 0.815 | 0.009 |
| 0911784V/2019 | 3.467 | 0.352 | 0.074 | 0.002 | 0.810 | 0.008 |
| 0911786X/2019 | -0.173 | -0.097 | 0.000 | 0.000 | 0.323 | 0.101 |
| 0911828T/2019 | -0.586 | -0.246 | 0.002 | 0.001 | 0.847 | 0.149 |
| 0911913K/2019 | -0.578 | -0.236 | 0.002 | 0.001 | 0.850 | 0.142 |
| 0911937L/2019 | -0.238 | -0.116 | 0.000 | 0.000 | 0.714 | 0.169 |
| 0911946W/2019 | -0.280 | -0.154 | 0.000 | 0.000 | 0.653 | 0.198 |
| 0911961M/2019 | -0.413 | -0.121 | 0.001 | 0.000 | 0.807 | 0.070 |
| 0911975C/2019 | 0.888 | 1.723 | 0.005 | 0.058 | 0.209 | 0.788 |
| 0911986P/2019 | 4.801 | -0.694 | 0.142 | 0.009 | 0.946 | 0.020 |
| 0911990U/2019 | 0.330 | 0.207 | 0.001 | 0.001 | 0.665 | 0.261 |
| 0912128U/2019 | 0.847 | 0.270 | 0.004 | 0.001 | 0.904 | 0.092 |
| 0912142J/2019 | -0.624 | -0.191 | 0.002 | 0.001 | 0.897 | 0.084 |
| 0912154X/2019 | -0.367 | 0.197 | 0.001 | 0.001 | 0.692 | 0.198 |
| 0912155Y/2019 | 2.501 | -0.584 | 0.038 | 0.007 | 0.728 | 0.040 |
| 0912161E/2019 | -0.650 | 0.231 | 0.003 | 0.001 | 0.887 | 0.112 |
| 0912163G/2019 | -0.040 | -0.148 | 0.000 | 0.000 | 0.060 | 0.831 |
| 0912169N/2019 | 1.005 | -0.433 | 0.006 | 0.004 | 0.779 | 0.144 |
| 0912251C/2019 | -0.137 | -0.195 | 0.000 | 0.001 | 0.135 | 0.275 |
| 0912255G/2019 | -0.253 | 0.543 | 0.000 | 0.006 | 0.178 | 0.816 |
| 0912364A/2019 | -0.559 | -0.076 | 0.002 | 0.000 | 0.980 | 0.018 |
| 0912394H/2019 | -0.594 | -0.051 | 0.002 | 0.000 | 0.962 | 0.007 |
| 0920130S/2019 | -0.070 | -0.126 | 0.000 | 0.000 | 0.127 | 0.410 |
| 0920134W/2019 | -0.009 | -0.499 | 0.000 | 0.005 | 0.000 | 0.991 |
| 0920135X/2019 | -0.245 | -0.080 | 0.000 | 0.000 | 0.864 | 0.091 |
| 0920136Y/2019 | -0.422 | -0.037 | 0.001 | 0.000 | 0.895 | 0.007 |
| 0920137Z/2019 | 0.394 | -0.199 | 0.001 | 0.001 | 0.637 | 0.162 |
| 0920138A/2019 | 0.075 | -0.189 | 0.000 | 0.001 | 0.134 | 0.854 |
| 0920141D/2019 | -0.116 | -0.192 | 0.000 | 0.001 | 0.161 | 0.442 |
| 0920142E/2019 | 1.233 | 0.418 | 0.009 | 0.003 | 0.883 | 0.101 |
| 0920143F/2019 | -0.192 | -0.042 | 0.000 | 0.000 | 0.777 | 0.038 |
| 0920144G/2019 | 0.015 | -0.290 | 0.000 | 0.002 | 0.001 | 0.396 |
| 0920145H/2019 | 1.060 | 0.150 | 0.007 | 0.000 | 0.957 | 0.019 |
| 0920146J/2019 | -0.052 | 0.091 | 0.000 | 0.000 | 0.084 | 0.260 |
| 0920147K/2019 | -0.041 | -0.200 | 0.000 | 0.001 | 0.036 | 0.859 |
| 0920149M/2019 | 0.257 | 0.078 | 0.000 | 0.000 | 0.906 | 0.083 |
| 0920150N/2019 | -0.453 | -0.101 | 0.001 | 0.000 | 0.952 | 0.047 |
| 0920163C/2019 | -0.804 | -0.270 | 0.004 | 0.001 | 0.899 | 0.101 |
| 0920170K/2019 | -0.224 | -0.433 | 0.000 | 0.004 | 0.147 | 0.552 |
| 0920674A/2019 | -0.736 | -0.186 | 0.003 | 0.001 | 0.940 | 0.060 |
| 0920674H/2019 | 0.687 | 0.311 | 0.003 | 0.002 | 0.757 | 0.156 |
| 0920674Q/2019 | -0.734 | -0.275 | 0.003 | 0.001 | 0.877 | 0.123 |
| 0920680P/2019 | -0.825 | -0.299 | 0.004 | 0.002 | 0.884 | 0.116 |
| 0920799U/2019 | -0.432 | -0.058 | 0.001 | 0.000 | 0.950 | 0.017 |
| 0920801W/2019 | -0.094 | 0.103 | 0.000 | 0.000 | 0.349 | 0.415 |
| 0920802X/2019 | -0.487 | -0.206 | 0.001 | 0.001 | 0.841 | 0.150 |
| 0920875B/2019 | -0.114 | -0.066 | 0.000 | 0.000 | 0.305 | 0.102 |
| 0920894X/2019 | -0.594 | 0.016 | 0.002 | 0.000 | 0.991 | 0.001 |
| 0920897A/2019 | 0.170 | 0.533 | 0.000 | 0.006 | 0.087 | 0.853 |
| 0920904H/2019 | -0.102 | 0.045 | 0.000 | 0.000 | 0.484 | 0.094 |
| 0920919Z/2019 | 0.611 | 0.726 | 0.002 | 0.010 | 0.405 | 0.572 |
| 0920928J/2019 | -0.599 | -0.097 | 0.002 | 0.000 | 0.967 | 0.025 |
| 0920956P/2019 | 0.374 | 0.303 | 0.001 | 0.002 | 0.372 | 0.244 |
| 0921156G/2019 | -0.376 | -0.148 | 0.001 | 0.000 | 0.834 | 0.129 |
| 0921166T/2019 | -0.388 | -0.129 | 0.001 | 0.000 | 0.866 | 0.096 |
| 0921204J/2019 | 0.472 | 0.723 | 0.001 | 0.010 | 0.285 | 0.667 |
| 0921229L/2019 | -0.577 | -0.060 | 0.002 | 0.000 | 0.989 | 0.011 |
| 0921230M/2019 | -0.222 | -0.144 | 0.000 | 0.000 | 0.606 | 0.256 |
| 0921245D/2019 | 5.586 | 2.801 | 0.192 | 0.153 | 0.794 | 0.200 |
| 0921365J/2019 | -0.008 | -0.031 | 0.000 | 0.000 | 0.003 | 0.047 |
| 0921399W/2019 | 0.494 | -0.376 | 0.002 | 0.003 | 0.599 | 0.346 |
| 0921432G/2019 | 0.296 | 0.506 | 0.001 | 0.005 | 0.214 | 0.627 |
| 0921484N/2019 | -0.506 | -0.062 | 0.002 | 0.000 | 0.985 | 0.015 |
| 0921594H/2019 | 0.077 | -0.163 | 0.000 | 0.001 | 0.075 | 0.335 |
| 0921595J/2019 | -0.743 | -0.274 | 0.003 | 0.001 | 0.879 | 0.119 |
| 0921619K/2019 | -0.694 | -0.301 | 0.003 | 0.002 | 0.841 | 0.158 |
| 0921625S/2019 | -0.785 | -0.417 | 0.004 | 0.003 | 0.778 | 0.220 |
| 0921935D/2019 | -0.492 | -0.361 | 0.001 | 0.003 | 0.634 | 0.342 |
| 0921979B/2019 | 4.538 | -0.748 | 0.127 | 0.011 | 0.788 | 0.021 |
| 0921980C/2019 | 4.772 | -0.978 | 0.140 | 0.019 | 0.768 | 0.032 |
| 0921981D/2019 | 3.715 | -0.878 | 0.085 | 0.015 | 0.753 | 0.042 |
| 0921983F/2019 | 4.346 | -1.094 | 0.116 | 0.023 | 0.753 | 0.048 |
| 0921984G/2019 | 5.948 | -1.280 | 0.217 | 0.032 | 0.779 | 0.036 |
| 0921986J/2019 | 3.841 | -0.102 | 0.091 | 0.000 | 0.806 | 0.001 |
| 0921987K/2019 | 3.336 | -0.581 | 0.068 | 0.007 | 0.767 | 0.023 |
| 0921988L/2019 | 4.989 | -0.979 | 0.153 | 0.019 | 0.782 | 0.030 |
| 0922116A/2019 | -0.251 | 0.314 | 0.000 | 0.002 | 0.320 | 0.501 |
| 0922149L/2019 | 0.006 | -0.148 | 0.000 | 0.000 | 0.000 | 0.252 |
| 0922276Z/2019 | -0.380 | 0.088 | 0.001 | 0.000 | 0.949 | 0.051 |
| 0922277A/2019 | -0.666 | -0.301 | 0.003 | 0.002 | 0.822 | 0.168 |
| 0922398G/2019 | 1.285 | -0.565 | 0.010 | 0.006 | 0.683 | 0.132 |
| 0922427N/2019 | -0.489 | -0.300 | 0.001 | 0.002 | 0.712 | 0.268 |
| 0922443F/2019 | -0.754 | -0.321 | 0.003 | 0.002 | 0.844 | 0.153 |
| 0922455U/2019 | 0.352 | 1.762 | 0.001 | 0.061 | 0.038 | 0.952 |
| 0922464D/2019 | 0.086 | -0.302 | 0.000 | 0.002 | 0.032 | 0.402 |
| 0922472M/2019 | -0.174 | -0.290 | 0.000 | 0.002 | 0.222 | 0.616 |
| 0922563L/2019 | 1.863 | 1.424 | 0.021 | 0.040 | 0.603 | 0.352 |
| 0922573X/2019 | -0.201 | 0.196 | 0.000 | 0.001 | 0.343 | 0.329 |
| 0922653J/2019 | -0.525 | 0.010 | 0.002 | 0.000 | 0.989 | 0.000 |
| 0922671D/2019 | 2.514 | -0.632 | 0.039 | 0.008 | 0.866 | 0.055 |
| 0922707T/2019 | 0.149 | 1.131 | 0.000 | 0.025 | 0.017 | 0.960 |
| 0922728R/2019 | -0.411 | 0.333 | 0.001 | 0.002 | 0.586 | 0.387 |
| 0930116W/2019 | 0.542 | -0.332 | 0.002 | 0.002 | 0.571 | 0.215 |
| 0930117X/2019 | -0.363 | -0.222 | 0.001 | 0.001 | 0.723 | 0.270 |
| 0930118Y/2019 | 0.243 | -0.338 | 0.000 | 0.002 | 0.321 | 0.622 |
| 0930119Z/2019 | 0.371 | -0.280 | 0.001 | 0.002 | 0.556 | 0.317 |
| 0930120A/2019 | 0.558 | -0.464 | 0.002 | 0.004 | 0.454 | 0.314 |
| 0930121B/2019 | 0.029 | -0.219 | 0.000 | 0.001 | 0.010 | 0.535 |
| 0930122C/2019 | -0.567 | -0.163 | 0.002 | 0.001 | 0.896 | 0.074 |
| 0930123D/2019 | 0.188 | -0.343 | 0.000 | 0.002 | 0.187 | 0.624 |
| 0930125F/2019 | 0.000 | -0.231 | 0.000 | 0.001 | 0.000 | 0.833 |
| 0930126G/2019 | -0.488 | -0.199 | 0.001 | 0.001 | 0.845 | 0.141 |
| 0930127H/2019 | 0.338 | -0.271 | 0.001 | 0.001 | 0.557 | 0.359 |
| 0930129K/2019 | -0.452 | -0.132 | 0.001 | 0.000 | 0.857 | 0.074 |
| 0930133P/2019 | -0.768 | -0.158 | 0.004 | 0.000 | 0.959 | 0.040 |
| 0930138V/2019 | -0.786 | -0.098 | 0.004 | 0.000 | 0.985 | 0.015 |
| 0930830X/2019 | 0.221 | -0.076 | 0.000 | 0.000 | 0.662 | 0.079 |
| 0930831Y/2019 | -0.772 | -0.246 | 0.004 | 0.001 | 0.908 | 0.092 |
| 0930833A/2019 | 0.968 | -0.468 | 0.006 | 0.004 | 0.689 | 0.161 |
| 0930834B/2019 | -0.121 | 0.008 | 0.000 | 0.000 | 0.983 | 0.005 |
| 0930863H/2019 | -0.236 | -0.325 | 0.000 | 0.002 | 0.245 | 0.464 |
| 0930974D/2019 | -0.701 | -0.125 | 0.003 | 0.000 | 0.968 | 0.031 |
| 0931002J/2019 | 1.423 | 0.446 | 0.012 | 0.004 | 0.909 | 0.089 |
| 0931026K/2019 | -0.581 | -0.004 | 0.002 | 0.000 | 0.996 | 0.000 |
| 0931193S/2019 | -0.795 | -0.414 | 0.004 | 0.003 | 0.785 | 0.213 |
| 0931198X/2019 | -0.810 | -0.303 | 0.004 | 0.002 | 0.877 | 0.122 |
| 0931235M/2019 | 1.737 | 0.527 | 0.019 | 0.005 | 0.914 | 0.084 |
| 0931238R/2019 | 0.755 | 1.105 | 0.003 | 0.024 | 0.313 | 0.671 |
| 0931272C/2019 | -0.445 | -0.246 | 0.001 | 0.001 | 0.751 | 0.230 |
| 0931391G/2019 | 3.431 | 2.818 | 0.072 | 0.155 | 0.587 | 0.396 |
| 0931430Z/2019 | 0.907 | -0.447 | 0.005 | 0.004 | 0.664 | 0.161 |
| 0931565W/2019 | -0.014 | -0.250 | 0.000 | 0.001 | 0.002 | 0.721 |
| 0931584S/2019 | -0.546 | -0.182 | 0.002 | 0.001 | 0.869 | 0.096 |
| 0931585T/2019 | -0.084 | -0.131 | 0.000 | 0.000 | 0.201 | 0.490 |
| 0931613Y/2019 | -0.064 | -0.321 | 0.000 | 0.002 | 0.038 | 0.957 |
| 0931654T/2019 | -0.649 | 0.142 | 0.003 | 0.000 | 0.954 | 0.045 |
| 0931738J/2019 | -0.754 | -0.001 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0931739K/2019 | -0.786 | -0.098 | 0.004 | 0.000 | 0.985 | 0.015 |
| 0931779D/2019 | -0.340 | 0.483 | 0.001 | 0.005 | 0.330 | 0.666 |
| 0931796X/2019 | -0.546 | -0.070 | 0.002 | 0.000 | 0.981 | 0.016 |
| 0931797Y/2019 | -0.795 | -0.273 | 0.004 | 0.001 | 0.894 | 0.106 |
| 0931799A/2019 | -0.448 | -0.206 | 0.001 | 0.001 | 0.788 | 0.167 |
| 0931800B/2019 | 4.263 | -1.473 | 0.112 | 0.042 | 0.707 | 0.084 |
| 0931806H/2019 | 5.816 | -1.236 | 0.208 | 0.030 | 0.771 | 0.035 |
| 0931808K/2019 | 5.004 | -1.282 | 0.154 | 0.032 | 0.751 | 0.049 |
| 0931809L/2019 | 5.676 | -1.493 | 0.198 | 0.043 | 0.752 | 0.052 |
| 0931810M/2019 | 4.944 | -1.298 | 0.150 | 0.033 | 0.747 | 0.051 |
| 0931827F/2019 | 0.255 | 0.758 | 0.000 | 0.011 | 0.098 | 0.870 |
| 0932014J/2019 | -0.310 | 0.125 | 0.001 | 0.000 | 0.689 | 0.112 |
| 0932019P/2019 | 0.416 | 0.670 | 0.001 | 0.009 | 0.259 | 0.674 |
| 0932026X/2019 | 0.224 | -0.428 | 0.000 | 0.004 | 0.195 | 0.712 |
| 0932030B/2019 | 0.003 | -0.161 | 0.000 | 0.001 | 0.000 | 0.791 |
| 0932031C/2019 | 0.974 | -0.480 | 0.006 | 0.004 | 0.780 | 0.190 |
| 0932046U/2019 | -0.148 | -0.119 | 0.000 | 0.000 | 0.454 | 0.292 |
| 0932047V/2019 | -0.426 | -0.363 | 0.001 | 0.003 | 0.567 | 0.413 |
| 0932059H/2019 | 2.510 | -0.700 | 0.039 | 0.010 | 0.890 | 0.069 |
| 0932074Z/2019 | -0.662 | -0.194 | 0.003 | 0.001 | 0.917 | 0.079 |
| 0932086M/2019 | 0.227 | 0.236 | 0.000 | 0.001 | 0.480 | 0.518 |
| 0932116V/2019 | -0.478 | -0.357 | 0.001 | 0.002 | 0.626 | 0.349 |
| 0932119Y/2019 | -0.840 | -0.293 | 0.004 | 0.002 | 0.891 | 0.109 |
| 0932120Z/2019 | -0.248 | -0.161 | 0.000 | 0.001 | 0.427 | 0.180 |
| 0932121A/2019 | 0.019 | -0.586 | 0.000 | 0.007 | 0.001 | 0.939 |
| 0932126F/2019 | -0.725 | -0.236 | 0.003 | 0.001 | 0.904 | 0.096 |
| 0932214B/2019 | 1.475 | -0.034 | 0.013 | 0.000 | 0.992 | 0.001 |
| 0932221J/2019 | 0.235 | -0.419 | 0.000 | 0.003 | 0.119 | 0.377 |
| 0932270M/2019 | 1.183 | -0.341 | 0.009 | 0.002 | 0.822 | 0.068 |
| 0932291K/2019 | -0.638 | -0.222 | 0.003 | 0.001 | 0.876 | 0.106 |
| 0932319R/2019 | -0.466 | 0.102 | 0.001 | 0.000 | 0.927 | 0.044 |
| 0932323V/2019 | 4.960 | 0.432 | 0.151 | 0.004 | 0.823 | 0.006 |
| 0932324W/2019 | 4.237 | -1.253 | 0.110 | 0.031 | 0.730 | 0.064 |
| 0932326Y/2019 | -0.251 | -0.029 | 0.000 | 0.000 | 0.838 | 0.012 |
| 0932618R/2019 | -0.533 | 0.101 | 0.002 | 0.000 | 0.950 | 0.034 |
| 0932667U/2019 | 0.974 | -0.456 | 0.006 | 0.004 | 0.526 | 0.115 |
| 0940113M/2019 | -0.330 | -0.149 | 0.001 | 0.000 | 0.800 | 0.162 |
| 0940114N/2019 | 0.175 | -0.293 | 0.000 | 0.002 | 0.198 | 0.554 |
| 0940116R/2019 | 0.096 | -0.284 | 0.000 | 0.002 | 0.059 | 0.510 |
| 0940118T/2019 | -0.399 | -0.194 | 0.001 | 0.001 | 0.714 | 0.168 |
| 0940119U/2019 | -0.250 | -0.125 | 0.000 | 0.000 | 0.706 | 0.178 |
| 0940120V/2019 | 0.614 | 0.534 | 0.002 | 0.006 | 0.565 | 0.427 |
| 0940121W/2019 | -0.422 | -0.152 | 0.001 | 0.000 | 0.880 | 0.114 |
| 0940122X/2019 | 0.317 | -0.265 | 0.001 | 0.001 | 0.554 | 0.387 |
| 0940123Y/2019 | 0.059 | -0.178 | 0.000 | 0.001 | 0.065 | 0.588 |
| 0940124Z/2019 | 0.382 | -0.283 | 0.001 | 0.002 | 0.562 | 0.309 |
| 0940126B/2019 | -0.588 | -0.168 | 0.002 | 0.001 | 0.897 | 0.073 |
| 0940129E/2019 | -0.445 | -0.250 | 0.001 | 0.001 | 0.760 | 0.240 |
| 0940137N/2019 | -0.669 | -0.370 | 0.003 | 0.003 | 0.753 | 0.231 |
| 0940138P/2019 | -0.380 | -0.225 | 0.001 | 0.001 | 0.604 | 0.211 |
| 0940141T/2019 | -0.706 | -0.269 | 0.003 | 0.001 | 0.870 | 0.126 |
| 0940143V/2019 | -0.754 | -0.001 | 0.003 | 0.000 | 1.000 | 0.000 |
| 0940580V/2019 | -0.126 | -0.085 | 0.000 | 0.000 | 0.510 | 0.232 |
| 0940585A/2019 | -0.547 | -0.232 | 0.002 | 0.001 | 0.846 | 0.152 |
| 0940609B/2019 | 0.779 | 0.763 | 0.004 | 0.011 | 0.421 | 0.405 |
| 0940742W/2019 | -0.335 | -0.178 | 0.001 | 0.001 | 0.714 | 0.202 |
| 0940743X/2019 | -0.155 | -0.109 | 0.000 | 0.000 | 0.603 | 0.300 |
| 0940821G/2019 | -0.279 | -0.108 | 0.000 | 0.000 | 0.616 | 0.092 |
| 0940822H/2019 | -0.528 | 0.089 | 0.002 | 0.000 | 0.971 | 0.028 |
| 0940878U/2019 | -0.548 | -0.032 | 0.002 | 0.000 | 0.987 | 0.003 |
| 0941018W/2019 | -0.488 | -0.059 | 0.001 | 0.000 | 0.923 | 0.014 |
| 0941111X/2019 | 1.324 | 1.517 | 0.011 | 0.045 | 0.423 | 0.555 |
| 0941288P/2019 | 1.340 | -0.139 | 0.011 | 0.000 | 0.929 | 0.010 |
| 0941294W/2019 | -0.524 | -0.402 | 0.002 | 0.003 | 0.629 | 0.371 |
| 0941301D/2019 | -0.106 | -0.209 | 0.000 | 0.001 | 0.117 | 0.455 |
| 0941347D/2019 | -0.181 | -0.176 | 0.000 | 0.001 | 0.355 | 0.335 |
| 0941355M/2019 | -0.097 | -0.319 | 0.000 | 0.002 | 0.064 | 0.686 |
| 0941407U/2019 | -0.432 | -0.017 | 0.001 | 0.000 | 0.976 | 0.002 |
| 0941413A/2019 | -0.374 | 0.143 | 0.001 | 0.000 | 0.824 | 0.121 |
| 0941470M/2019 | 0.253 | -0.231 | 0.000 | 0.001 | 0.340 | 0.284 |
| 0941474S/2019 | 0.201 | -0.221 | 0.000 | 0.001 | 0.271 | 0.325 |
| 0941604H/2019 | -0.782 | -0.170 | 0.004 | 0.001 | 0.955 | 0.045 |
| 0941772R/2019 | 4.900 | -1.304 | 0.148 | 0.033 | 0.752 | 0.053 |
| 0941773S/2019 | 3.284 | -0.584 | 0.066 | 0.007 | 0.770 | 0.024 |
| 0941775U/2019 | 5.873 | 1.506 | 0.212 | 0.044 | 0.810 | 0.053 |
| 0941776V/2019 | 6.568 | -0.449 | 0.265 | 0.004 | 0.824 | 0.004 |
| 0941777W/2019 | 6.004 | 0.313 | 0.222 | 0.002 | 0.835 | 0.002 |
| 0941869W/2019 | -0.479 | -0.086 | 0.001 | 0.000 | 0.846 | 0.027 |
| 0941890U/2019 | -0.086 | 0.209 | 0.000 | 0.001 | 0.105 | 0.620 |
| 0941918Z/2019 | -0.317 | -0.263 | 0.001 | 0.001 | 0.459 | 0.315 |
| 0941934S/2019 | -0.117 | 0.001 | 0.000 | 0.000 | 0.500 | 0.000 |
| 0941952L/2019 | -0.196 | -0.395 | 0.000 | 0.003 | 0.165 | 0.667 |
| 0941954N/2019 | -0.423 | 0.510 | 0.001 | 0.005 | 0.404 | 0.589 |
| 0941972H/2019 | -0.577 | -0.243 | 0.002 | 0.001 | 0.822 | 0.146 |
| 0941975L/2019 | 0.323 | -0.554 | 0.001 | 0.006 | 0.156 | 0.458 |
| 0942070P/2019 | 3.265 | -0.576 | 0.066 | 0.006 | 0.764 | 0.024 |
| 0942072S/2019 | 1.242 | 0.209 | 0.009 | 0.001 | 0.952 | 0.027 |
| 0942095S/2019 | 0.484 | 0.733 | 0.001 | 0.010 | 0.272 | 0.624 |
| 0942113L/2019 | 4.384 | -0.964 | 0.118 | 0.018 | 0.763 | 0.037 |
| 0942117R/2019 | 3.162 | -0.810 | 0.061 | 0.013 | 0.740 | 0.049 |
| 0942144V/2019 | 2.303 | 2.699 | 0.033 | 0.142 | 0.409 | 0.562 |
| 0942193Y/2019 | -0.051 | 0.064 | 0.000 | 0.000 | 0.293 | 0.449 |
| 0942269F/2019 | -0.534 | -0.032 | 0.002 | 0.000 | 0.990 | 0.004 |
| 0942354Y/2019 | -0.464 | -0.075 | 0.001 | 0.000 | 0.966 | 0.025 |
| 0950640E/2019 | 0.183 | -0.249 | 0.000 | 0.001 | 0.186 | 0.344 |
| 0950641F/2019 | -0.537 | -0.108 | 0.002 | 0.000 | 0.933 | 0.038 |
| 0950645K/2019 | 0.126 | -0.200 | 0.000 | 0.001 | 0.219 | 0.551 |
| 0950646L/2019 | -0.290 | -0.068 | 0.001 | 0.000 | 0.930 | 0.052 |
| 0950648N/2019 | -0.275 | -0.074 | 0.000 | 0.000 | 0.873 | 0.064 |
| 0950649P/2019 | -0.105 | -0.113 | 0.000 | 0.000 | 0.231 | 0.266 |
| 0950650R/2019 | -0.099 | -0.102 | 0.000 | 0.000 | 0.223 | 0.240 |
| 0950651S/2019 | -0.307 | -0.057 | 0.001 | 0.000 | 0.872 | 0.030 |
| 0950656X/2019 | -0.839 | -0.294 | 0.004 | 0.002 | 0.891 | 0.109 |
| 0950666H/2019 | -0.027 | -0.140 | 0.000 | 0.000 | 0.024 | 0.673 |
| 0950667J/2019 | -0.409 | -0.126 | 0.001 | 0.000 | 0.895 | 0.085 |
| 0950709E/2019 | -0.103 | -0.308 | 0.000 | 0.002 | 0.038 | 0.335 |
| 0950759J/2019 | -0.532 | 0.113 | 0.002 | 0.000 | 0.953 | 0.043 |
| 0950947N/2019 | -0.505 | -0.143 | 0.002 | 0.000 | 0.878 | 0.070 |
| 0951104J/2019 | -0.572 | -0.083 | 0.002 | 0.000 | 0.962 | 0.020 |
| 0951147F/2019 | -0.032 | -0.149 | 0.000 | 0.000 | 0.032 | 0.679 |
| 0951310H/2019 | 0.233 | -0.212 | 0.000 | 0.001 | 0.310 | 0.257 |
| 0951399E/2019 | -0.174 | -0.045 | 0.000 | 0.000 | 0.835 | 0.056 |
| 0951567M/2019 | 5.360 | -1.201 | 0.177 | 0.028 | 0.771 | 0.039 |
| 0951568N/2019 | 4.567 | -1.057 | 0.128 | 0.022 | 0.762 | 0.041 |
| 0951569P/2019 | 4.734 | -1.164 | 0.138 | 0.026 | 0.761 | 0.046 |
| 0951570R/2019 | 3.952 | -1.006 | 0.096 | 0.020 | 0.752 | 0.049 |
| 0951575W/2019 | 3.855 | -0.780 | 0.091 | 0.012 | 0.766 | 0.031 |
| 0951623Y/2019 | 0.838 | 0.703 | 0.004 | 0.010 | 0.537 | 0.378 |
| 0951637N/2019 | 0.005 | -0.237 | 0.000 | 0.001 | 0.000 | 0.837 |
| 0951673C/2019 | -0.729 | -0.225 | 0.003 | 0.001 | 0.910 | 0.087 |
| 0951710T/2019 | -0.512 | -0.289 | 0.002 | 0.002 | 0.742 | 0.236 |
| 0951722F/2019 | 0.284 | -0.240 | 0.000 | 0.001 | 0.244 | 0.174 |
| 0951727L/2019 | -0.315 | -0.057 | 0.001 | 0.000 | 0.956 | 0.032 |
| 0951728M/2019 | 0.261 | -0.247 | 0.000 | 0.001 | 0.494 | 0.441 |
| 0951750L/2019 | 0.764 | 0.732 | 0.004 | 0.010 | 0.445 | 0.409 |
| 0951756T/2019 | -0.595 | -0.058 | 0.002 | 0.000 | 0.972 | 0.009 |
| 0951763A/2019 | -0.307 | -0.158 | 0.001 | 0.000 | 0.613 | 0.162 |
| 0951787B/2019 | -0.617 | -0.193 | 0.002 | 0.001 | 0.892 | 0.088 |
| 0951788C/2019 | 0.351 | -0.331 | 0.001 | 0.002 | 0.519 | 0.464 |
| 0951793H/2019 | 0.313 | 1.017 | 0.001 | 0.020 | 0.086 | 0.908 |
| 0951809A/2019 | -0.267 | 0.637 | 0.000 | 0.008 | 0.148 | 0.843 |
| 0951811C/2019 | 0.098 | -0.268 | 0.000 | 0.001 | 0.037 | 0.281 |
| 0951819L/2019 | -0.373 | 0.136 | 0.001 | 0.000 | 0.847 | 0.112 |
| 0951820M/2019 | 0.174 | 0.269 | 0.000 | 0.001 | 0.296 | 0.703 |
| 0951824S/2019 | -0.416 | -0.048 | 0.001 | 0.000 | 0.903 | 0.012 |
| 0951922Y/2019 | 0.172 | -0.216 | 0.000 | 0.001 | 0.324 | 0.509 |
| 0951946Z/2019 | -0.353 | 0.017 | 0.001 | 0.000 | 0.968 | 0.002 |
| 0951974E/2019 | -0.832 | -0.332 | 0.004 | 0.002 | 0.863 | 0.137 |
| 0951979K/2019 | 1.575 | -0.190 | 0.015 | 0.001 | 0.924 | 0.014 |
| 0951982N/2019 | -0.531 | 0.164 | 0.002 | 0.001 | 0.903 | 0.086 |
| 0951985S/2019 | 0.478 | 0.041 | 0.001 | 0.000 | 0.981 | 0.007 |
| 0951988V/2019 | 3.485 | -0.895 | 0.075 | 0.016 | 0.746 | 0.049 |
| 0951994B/2019 | -0.569 | -0.026 | 0.002 | 0.000 | 0.993 | 0.002 |
| 0951998F/2019 | -0.662 | 0.006 | 0.003 | 0.000 | 0.998 | 0.000 |
| 0952139J/2019 | 3.145 | -1.062 | 0.061 | 0.022 | 0.708 | 0.081 |
| 0952196W/2019 | -0.436 | -0.139 | 0.001 | 0.000 | 0.893 | 0.090 |
| 1100002E/2019 | -0.557 | 0.254 | 0.002 | 0.001 | 0.828 | 0.172 |
| 1290007A/2019 | 0.369 | 0.798 | 0.001 | 0.012 | 0.174 | 0.818 |
| 1350710G/2019 | 1.579 | 1.247 | 0.015 | 0.030 | 0.612 | 0.382 |
| 1380022Z/2019 | 3.237 | -1.317 | 0.064 | 0.034 | 0.694 | 0.115 |
| 1770930T/2019 | -0.531 | -0.075 | 0.002 | 0.000 | 0.980 | 0.020 |
| 3500005D/2019 | -0.601 | 0.126 | 0.002 | 0.000 | 0.958 | 0.042 |
| 3500192F/2019 | 0.945 | -0.752 | 0.005 | 0.011 | 0.600 | 0.380 |
| 6200002H/2019 | -0.672 | -0.174 | 0.003 | 0.001 | 0.937 | 0.063 |
| 6200003J/2019 | -0.849 | -0.290 | 0.004 | 0.002 | 0.895 | 0.105 |
| 6200043C/2019 | -0.745 | -0.217 | 0.003 | 0.001 | 0.920 | 0.078 |
| 6200053N/2019 | 0.582 | -0.265 | 0.002 | 0.001 | 0.495 | 0.103 |
| 6200190M/2019 | -0.693 | -0.182 | 0.003 | 0.001 | 0.935 | 0.065 |
| 6200694K/2019 | -0.791 | -0.167 | 0.004 | 0.001 | 0.957 | 0.043 |
| 7200009X/2019 | -0.557 | 0.007 | 0.002 | 0.000 | 0.990 | 0.000 |
| 7200011Z/2019 | -0.754 | -0.215 | 0.003 | 0.001 | 0.925 | 0.075 |
| 7200073S/2019 | -0.643 | -0.038 | 0.003 | 0.000 | 0.996 | 0.003 |
| 7200092M/2019 | 0.636 | -0.247 | 0.002 | 0.001 | 0.535 | 0.081 |
| 7200093N/2019 | -0.668 | -0.260 | 0.003 | 0.001 | 0.865 | 0.131 |
| 7200117P/2019 | -0.445 | 0.101 | 0.001 | 0.000 | 0.950 | 0.049 |
| 7200583W/2019 | -0.711 | -0.212 | 0.003 | 0.001 | 0.919 | 0.081 |
| 7200664J/2019 | -0.340 | 0.498 | 0.001 | 0.005 | 0.316 | 0.681 |
| 9710002A/2019 | -0.515 | -0.043 | 0.002 | 0.000 | 0.982 | 0.007 |
| 9710003B/2019 | -0.468 | 0.071 | 0.001 | 0.000 | 0.976 | 0.022 |
| 9710047Z/2019 | -0.803 | -0.467 | 0.004 | 0.004 | 0.747 | 0.253 |
| 9710052E/2019 | -0.758 | -0.214 | 0.004 | 0.001 | 0.926 | 0.074 |
| 9710067W/2019 | -0.813 | -0.231 | 0.004 | 0.001 | 0.925 | 0.075 |
| 9710083N/2019 | -0.722 | -0.189 | 0.003 | 0.001 | 0.934 | 0.064 |
| 9710090W/2019 | -0.719 | -0.191 | 0.003 | 0.001 | 0.934 | 0.066 |
| 9710418C/2019 | -0.818 | -0.337 | 0.004 | 0.002 | 0.855 | 0.145 |
| 9710585J/2019 | 1.222 | 4.258 | 0.009 | 0.354 | 0.076 | 0.924 |
| 9710690Y/2019 | -0.568 | -0.273 | 0.002 | 0.001 | 0.786 | 0.181 |
| 9710746J/2019 | -0.502 | -0.082 | 0.002 | 0.000 | 0.951 | 0.026 |
| 9710773N/2019 | 1.641 | 0.428 | 0.017 | 0.004 | 0.755 | 0.052 |
| 9710774P/2019 | -0.374 | -0.054 | 0.001 | 0.000 | 0.941 | 0.019 |
| 9710804X/2019 | -0.773 | -0.262 | 0.004 | 0.001 | 0.897 | 0.103 |
| 9710882G/2019 | -0.446 | -0.065 | 0.001 | 0.000 | 0.954 | 0.021 |
| 9710884J/2019 | -0.764 | -0.203 | 0.004 | 0.001 | 0.934 | 0.066 |
| 9710991A/2019 | -0.739 | -0.124 | 0.003 | 0.000 | 0.972 | 0.028 |
| 9710993C/2019 | -0.638 | -0.044 | 0.003 | 0.000 | 0.994 | 0.005 |
| 9711012Y/2019 | -0.807 | -0.251 | 0.004 | 0.001 | 0.912 | 0.088 |
| 9711022J/2019 | -0.756 | -0.134 | 0.004 | 0.000 | 0.969 | 0.030 |
| 9711032V/2019 | -0.733 | -0.151 | 0.003 | 0.000 | 0.959 | 0.041 |
| 9711033W/2019 | -0.795 | -0.380 | 0.004 | 0.003 | 0.814 | 0.186 |
| 9711046K/2019 | -0.607 | -0.016 | 0.002 | 0.000 | 0.995 | 0.001 |
| 9711052S/2019 | -0.429 | 0.097 | 0.001 | 0.000 | 0.944 | 0.048 |
| 9711066G/2019 | -0.611 | -0.127 | 0.002 | 0.000 | 0.951 | 0.041 |
| 9711082Z/2019 | -0.530 | -0.240 | 0.002 | 0.001 | 0.794 | 0.163 |
| 9711143R/2019 | -0.792 | -0.414 | 0.004 | 0.003 | 0.782 | 0.214 |
| 9711151Z/2019 | -0.164 | 1.051 | 0.000 | 0.022 | 0.024 | 0.975 |
| 9711252J/2019 | -0.751 | -0.216 | 0.003 | 0.001 | 0.923 | 0.076 |
| 9711279N/2019 | -0.709 | -0.193 | 0.003 | 0.001 | 0.927 | 0.069 |
| 9720002V/2019 | -0.382 | -0.087 | 0.001 | 0.000 | 0.913 | 0.047 |
| 9720003W/2019 | -0.582 | -0.096 | 0.002 | 0.000 | 0.967 | 0.026 |
| 9720004X/2019 | -0.570 | -0.076 | 0.002 | 0.000 | 0.982 | 0.018 |
| 9720005Y/2019 | -0.636 | -0.051 | 0.002 | 0.000 | 0.988 | 0.006 |
| 9720063L/2019 | -0.711 | -0.016 | 0.003 | 0.000 | 0.999 | 0.000 |
| 9720070U/2019 | -0.641 | 0.045 | 0.003 | 0.000 | 0.993 | 0.005 |
| 9720091S/2019 | -0.727 | -0.154 | 0.003 | 0.000 | 0.957 | 0.043 |
| 9720350Y/2019 | -0.623 | -0.080 | 0.002 | 0.000 | 0.982 | 0.016 |
| 9720424D/2019 | -0.520 | -0.078 | 0.002 | 0.000 | 0.972 | 0.022 |
| 9720429J/2019 | -0.429 | -0.106 | 0.001 | 0.000 | 0.901 | 0.055 |
| 9720430K/2019 | -0.629 | -0.149 | 0.002 | 0.000 | 0.945 | 0.053 |
| 9720501M/2019 | -0.698 | -0.206 | 0.003 | 0.001 | 0.919 | 0.080 |
| 9720515C/2019 | -0.613 | -0.049 | 0.002 | 0.000 | 0.992 | 0.006 |
| 9720583B/2019 | 1.117 | -0.168 | 0.008 | 0.001 | 0.694 | 0.016 |
| 9720615L/2019 | -0.635 | 0.057 | 0.002 | 0.000 | 0.992 | 0.008 |
| 9720616M/2019 | -0.710 | -0.123 | 0.003 | 0.000 | 0.971 | 0.029 |
| 9720692V/2019 | -0.693 | -0.163 | 0.003 | 0.001 | 0.946 | 0.053 |
| 9720695Y/2019 | -0.724 | -0.191 | 0.003 | 0.001 | 0.933 | 0.065 |
| 9720719Z/2019 | -0.498 | 0.359 | 0.002 | 0.003 | 0.658 | 0.342 |
| 9720725F/2019 | -0.735 | -0.151 | 0.003 | 0.000 | 0.958 | 0.041 |
| 9720726G/2019 | -0.804 | -0.305 | 0.004 | 0.002 | 0.874 | 0.126 |
| 9720727H/2019 | -0.551 | -0.067 | 0.002 | 0.000 | 0.975 | 0.014 |
| 9720771F/2019 | -0.805 | -0.288 | 0.004 | 0.002 | 0.887 | 0.113 |
| 9720779P/2019 | -0.788 | -0.221 | 0.004 | 0.001 | 0.927 | 0.073 |
| 9720791C/2019 | -0.852 | -0.407 | 0.004 | 0.003 | 0.813 | 0.186 |
| 9720823M/2019 | -0.748 | -0.128 | 0.003 | 0.000 | 0.971 | 0.028 |
| 9720825P/2019 | -0.544 | -0.105 | 0.002 | 0.000 | 0.955 | 0.035 |
| 9720832X/2019 | 0.296 | 2.202 | 0.001 | 0.095 | 0.018 | 0.982 |
| 9720843J/2019 | -0.521 | -0.119 | 0.002 | 0.000 | 0.941 | 0.049 |
| 9720888H/2019 | -0.699 | -0.197 | 0.003 | 0.001 | 0.925 | 0.073 |
| 9720920T/2019 | -0.527 | 0.546 | 0.002 | 0.006 | 0.482 | 0.518 |
| 9730001N/2019 | -0.508 | -0.057 | 0.002 | 0.000 | 0.970 | 0.012 |
| 9730094P/2019 | -0.821 | -0.265 | 0.004 | 0.001 | 0.906 | 0.094 |
| 9730108E/2019 | -0.609 | -0.155 | 0.002 | 0.000 | 0.934 | 0.060 |
| 9730144U/2019 | 0.247 | 0.107 | 0.000 | 0.000 | 0.322 | 0.060 |
| 9730186P/2019 | -0.723 | -0.215 | 0.003 | 0.001 | 0.918 | 0.081 |
| 9730196A/2019 | -0.725 | -0.226 | 0.003 | 0.001 | 0.911 | 0.088 |
| 9730235T/2019 | -0.683 | -0.272 | 0.003 | 0.001 | 0.858 | 0.136 |
| 9730279R/2019 | -0.345 | 1.109 | 0.001 | 0.024 | 0.088 | 0.911 |
| 9730308X/2019 | -0.698 | -0.250 | 0.003 | 0.001 | 0.884 | 0.113 |
| 9730309Y/2019 | -0.685 | -0.187 | 0.003 | 0.001 | 0.926 | 0.069 |
| 9730328U/2019 | -0.729 | -0.178 | 0.003 | 0.001 | 0.943 | 0.056 |
| 9730336C/2019 | -0.665 | -0.218 | 0.003 | 0.001 | 0.891 | 0.096 |
| 9730364H/2019 | -0.717 | -0.263 | 0.003 | 0.001 | 0.881 | 0.119 |
| 9730371R/2019 | -0.610 | -0.260 | 0.002 | 0.001 | 0.833 | 0.151 |
| 9730408F/2019 | -0.464 | -0.138 | 0.001 | 0.000 | 0.877 | 0.078 |
| 9730421V/2019 | -0.755 | -0.250 | 0.004 | 0.001 | 0.901 | 0.099 |
| 9730423X/2019 | -0.763 | -0.283 | 0.004 | 0.002 | 0.879 | 0.121 |
| 9730429D/2019 | -0.093 | 1.176 | 0.000 | 0.027 | 0.006 | 0.993 |
| 9730514W/2019 | -0.767 | -0.265 | 0.004 | 0.001 | 0.893 | 0.107 |
| 9740001H/2019 | -0.189 | 0.019 | 0.000 | 0.000 | 0.797 | 0.008 |
| 9740002J/2019 | -0.410 | -0.131 | 0.001 | 0.000 | 0.886 | 0.090 |
| 9740015Y/2019 | -0.648 | -0.213 | 0.003 | 0.001 | 0.897 | 0.097 |
| 9740019C/2019 | -0.540 | -0.305 | 0.002 | 0.002 | 0.744 | 0.238 |
| 9740043D/2019 | -0.323 | -0.051 | 0.001 | 0.000 | 0.846 | 0.021 |
| 9740045F/2019 | -0.387 | -0.148 | 0.001 | 0.000 | 0.845 | 0.123 |
| 9740053P/2019 | -0.617 | -0.050 | 0.002 | 0.000 | 0.980 | 0.006 |
| 9740054C/2019 | -0.251 | -0.241 | 0.000 | 0.001 | 0.518 | 0.479 |
| 9740054R/2019 | -0.571 | 0.002 | 0.002 | 0.000 | 0.984 | 0.000 |
| 9740078S/2019 | -0.662 | -0.186 | 0.003 | 0.001 | 0.926 | 0.073 |
| 9740082W/2019 | -0.415 | -0.330 | 0.001 | 0.002 | 0.586 | 0.371 |
| 9740471U/2019 | -0.731 | -0.188 | 0.003 | 0.001 | 0.937 | 0.062 |
| 9740472V/2019 | -0.770 | -0.246 | 0.004 | 0.001 | 0.907 | 0.093 |
| 9740478B/2019 | 1.966 | 5.157 | 0.024 | 0.519 | 0.127 | 0.873 |
| 9740479C/2019 | -0.660 | -0.194 | 0.003 | 0.001 | 0.917 | 0.080 |
| 9740552G/2019 | -0.697 | -0.269 | 0.003 | 0.001 | 0.869 | 0.129 |
| 9740575G/2019 | -0.517 | -0.167 | 0.002 | 0.001 | 0.894 | 0.093 |
| 9740597F/2019 | 0.089 | 0.040 | 0.000 | 0.000 | 0.112 | 0.022 |
| 9740679V/2019 | -0.646 | -0.001 | 0.003 | 0.000 | 0.999 | 0.000 |
| 9740737H/2019 | -0.800 | -0.281 | 0.004 | 0.002 | 0.890 | 0.109 |
| 9740738J/2019 | -0.641 | -0.056 | 0.003 | 0.000 | 0.990 | 0.007 |
| 9740787M/2019 | -0.446 | -0.012 | 0.001 | 0.000 | 0.974 | 0.001 |
| 9740831K/2019 | 2.321 | 0.014 | 0.033 | 0.000 | 0.833 | 0.000 |
| 9740833M/2019 | 2.458 | 0.112 | 0.037 | 0.000 | 0.840 | 0.002 |
| 9740910W/2019 | -0.747 | -0.219 | 0.003 | 0.001 | 0.920 | 0.079 |
| 9740911X/2019 | -0.791 | -0.470 | 0.004 | 0.004 | 0.739 | 0.261 |
| 9740921H/2019 | -0.411 | -0.427 | 0.001 | 0.004 | 0.418 | 0.453 |
| 9740952S/2019 | -0.635 | -0.007 | 0.002 | 0.000 | 0.992 | 0.000 |
| 9740979W/2019 | -0.621 | -0.154 | 0.002 | 0.000 | 0.938 | 0.058 |
| 9741046U/2019 | -0.370 | -0.062 | 0.001 | 0.000 | 0.926 | 0.026 |
| 9741050Y/2019 | -0.388 | -0.207 | 0.001 | 0.001 | 0.710 | 0.202 |
| 9741051Z/2019 | -0.709 | -0.257 | 0.003 | 0.001 | 0.883 | 0.116 |
| 9741052A/2019 | -0.818 | -0.301 | 0.004 | 0.002 | 0.881 | 0.119 |
| 9741060J/2019 | -0.699 | 0.017 | 0.003 | 0.000 | 0.999 | 0.001 |
| 9741087N/2019 | -0.436 | -0.316 | 0.001 | 0.002 | 0.615 | 0.322 |
| 9741101D/2019 | -0.459 | 0.435 | 0.001 | 0.004 | 0.527 | 0.473 |
| 9741103F/2019 | -0.388 | 0.146 | 0.001 | 0.000 | 0.870 | 0.122 |
| 9741173G/2019 | -0.573 | -0.177 | 0.002 | 0.001 | 0.912 | 0.087 |
| 9741180P/2019 | -0.165 | 0.047 | 0.000 | 0.000 | 0.731 | 0.058 |
| 9741182S/2019 | -0.774 | -0.263 | 0.004 | 0.001 | 0.896 | 0.103 |
| 9741185V/2019 | -0.012 | -0.252 | 0.000 | 0.001 | 0.001 | 0.587 |
| 9741186W/2019 | -0.730 | -0.296 | 0.003 | 0.002 | 0.856 | 0.141 |
| 9741204R/2019 | 2.196 | 5.764 | 0.030 | 0.648 | 0.127 | 0.873 |
| 9741206T/2019 | -0.746 | -0.308 | 0.003 | 0.002 | 0.853 | 0.146 |
| 9741230U/2019 | -0.467 | -0.005 | 0.001 | 0.000 | 0.977 | 0.000 |
| 9741231V/2019 | -0.383 | -0.361 | 0.001 | 0.003 | 0.464 | 0.412 |
| 9741233X/2019 | -0.422 | -0.052 | 0.001 | 0.000 | 0.958 | 0.015 |
| 9741255W/2019 | -0.607 | 0.008 | 0.002 | 0.000 | 1.000 | 0.000 |
| 9741256X/2019 | -0.661 | -0.114 | 0.003 | 0.000 | 0.968 | 0.029 |
| 9741263E/2019 | -0.420 | -0.214 | 0.001 | 0.001 | 0.738 | 0.192 |
| 9741270M/2019 | -0.737 | -0.222 | 0.003 | 0.001 | 0.916 | 0.083 |
| 9741278W/2019 | -0.753 | -0.326 | 0.003 | 0.002 | 0.838 | 0.158 |
| 9741324W/2019 | -0.403 | -0.114 | 0.001 | 0.000 | 0.859 | 0.069 |
| 9741380G/2019 | -0.581 | -0.310 | 0.002 | 0.002 | 0.764 | 0.217 |
| 9741394X/2019 | -0.132 | -0.383 | 0.000 | 0.003 | 0.098 | 0.822 |
| 9741620T/2019 | -0.679 | -0.349 | 0.003 | 0.002 | 0.789 | 0.208 |
| 9741628B/2019 | -0.179 | 0.525 | 0.000 | 0.005 | 0.101 | 0.860 |
| 9760125G/2019 | -0.704 | -0.144 | 0.003 | 0.000 | 0.959 | 0.040 |
| 9760127J/2019 | -0.577 | -0.256 | 0.002 | 0.001 | 0.833 | 0.164 |
| 9760163Y/2019 | -0.761 | -0.265 | 0.004 | 0.001 | 0.889 | 0.108 |
| 9760182U/2019 | -0.270 | -0.216 | 0.000 | 0.001 | 0.525 | 0.337 |
| 9760229V/2019 | -0.092 | -0.368 | 0.000 | 0.003 | 0.047 | 0.744 |
| 9760270P/2019 | -0.015 | -0.240 | 0.000 | 0.001 | 0.002 | 0.587 |
| 9760316P/2019 | -0.686 | -0.288 | 0.003 | 0.002 | 0.833 | 0.147 |
| 9760338N/2019 | -0.508 | -0.296 | 0.002 | 0.002 | 0.743 | 0.252 |
| 9760358K/2019 | -0.167 | 0.525 | 0.000 | 0.005 | 0.090 | 0.883 |
| 9760363R/2019 | -0.478 | -0.337 | 0.001 | 0.002 | 0.628 | 0.313 |
| 9760370Y/2019 | -0.060 | -0.200 | 0.000 | 0.001 | 0.038 | 0.418 |
| 9760461X/2019 | 0.082 | -0.125 | 0.000 | 0.000 | 0.055 | 0.128 |
| 9760462Y/2019 | -0.881 | -0.457 | 0.005 | 0.004 | 0.787 | 0.212 |
| 9840001D/2019 | -0.737 | -0.196 | 0.003 | 0.001 | 0.933 | 0.066 |
| 9840002E/2019 | -0.583 | 0.263 | 0.002 | 0.001 | 0.831 | 0.169 |
| 9840023C/2019 | -0.688 | -0.131 | 0.003 | 0.000 | 0.965 | 0.035 |
| 9840160B/2019 | -0.807 | -0.233 | 0.004 | 0.001 | 0.923 | 0.077 |
| 9840267T/2019 | -0.732 | -0.257 | 0.003 | 0.001 | 0.888 | 0.109 |
| 9840268U/2019 | -0.632 | -0.080 | 0.002 | 0.000 | 0.980 | 0.016 |
| 9840277D/2019 | -0.731 | -0.116 | 0.003 | 0.000 | 0.975 | 0.025 |
| 9840339W/2019 | -0.710 | -0.246 | 0.003 | 0.001 | 0.891 | 0.107 |
| 9840341Y/2019 | -0.779 | -0.261 | 0.004 | 0.001 | 0.898 | 0.101 |
| 9840349G/2019 | -0.060 | 1.372 | 0.000 | 0.037 | 0.002 | 0.998 |
| 9840386X/2019 | -0.712 | -0.176 | 0.003 | 0.001 | 0.942 | 0.058 |
| 9840391C/2019 | -0.577 | 0.141 | 0.002 | 0.000 | 0.943 | 0.056 |
| 9840394F/2019 | -0.728 | -0.217 | 0.003 | 0.001 | 0.917 | 0.081 |
| 9840407V/2019 | -0.577 | -0.083 | 0.002 | 0.000 | 0.971 | 0.020 |
| 9840465H/2019 | -0.731 | -0.151 | 0.003 | 0.000 | 0.959 | 0.041 |
| 9840471P/2019 | -0.610 | -0.092 | 0.002 | 0.000 | 0.974 | 0.022 |
| T171435T/2019 | -0.289 | -0.518 | 0.001 | 0.005 | 0.228 | 0.731 |
| T593500B/2019 | 0.606 | 0.069 | 0.002 | 0.000 | 0.814 | 0.011 |
| T942095L/2019 | 0.704 | 0.210 | 0.003 | 0.001 | 0.700 | 0.062 |
| T942095R/2019 | 0.371 | 0.057 | 0.001 | 0.000 | 0.557 | 0.013 |
| T942095S/2019 | 0.318 | -0.014 | 0.001 | 0.000 | 0.520 | 0.001 |
| T942095T/2019 | 0.557 | 0.153 | 0.002 | 0.000 | 0.664 | 0.050 |

# repérage des individus qui contribus plus a la moyenne (+ceux de corrélation positive: tableau des signes)  
n=nrow(paracp)  
n

## [1] 6235

indpositive=data.frame(cbind(resacp$ind$contri[,1:2]>(100/n),(resacp$ind$contri[,1:2]>(100/n)) &(resacp$ind$coord[,1:2]>0)))  
  
# repérage des individus qui contribus plus a la moyenne (+ceux de corrélation negative: tableau des signes)  
indnegative=data.frame(cbind(resacp$ind$contri[,1:2]>(100/n),(resacp$ind$contri[,1:2]>(100/n)) &(resacp$ind$coord[,1:2]<0)))  
  
# repérage des individus de cos2 > moyenne (+ceux de corrélation positive: tableau des signes)  
cbind(resacp$ind$cos2[,1:2]>1/4,(resacp$ind$cos2[,1:2]>1/4) & (resacp$ind$coord[,1:2]>0))

## Dim.1 Dim.2 Dim.1 Dim.2  
## 0010001W/2018 TRUE FALSE FALSE FALSE  
## 0010006B/2018 TRUE FALSE FALSE FALSE  
## 0010013J/2018 TRUE FALSE FALSE FALSE  
## 0010014K/2018 TRUE FALSE FALSE FALSE  
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# repérage des individus de cos2 > moyenne (+ceux de corrélation Negative: tableau des signes)  
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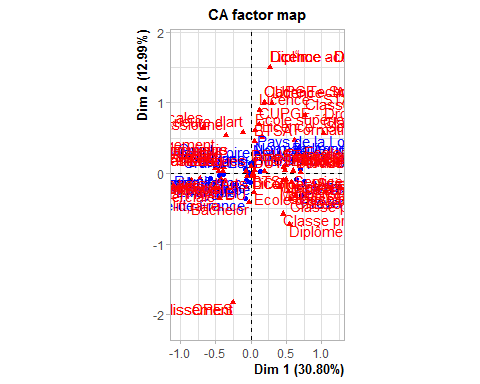
#AFC

#afcfusion=rbind(donnes2018[,1:3],donnes2019[,c(1,3,4)])  
#write.table(afcfusion, "D:/PROJET S3/afcfusion.csv", sep=";")  
afcfusion=read.csv("D:/PROJET S3/afcfusion.csv",sep = ";", header = TRUE,row.names = 1)  
# tableau de contingence   
tcacf=function(X,Y)  
{  
 tc=table(X,Y); tc=cbind(tc,Total=apply(tc,1,sum));   
 tc=rbind(tc,Total=apply(tc,2,sum));  
 return(tc)  
}  
tcafc=tcacf(afcfusion$region,afcfusion$filiere)

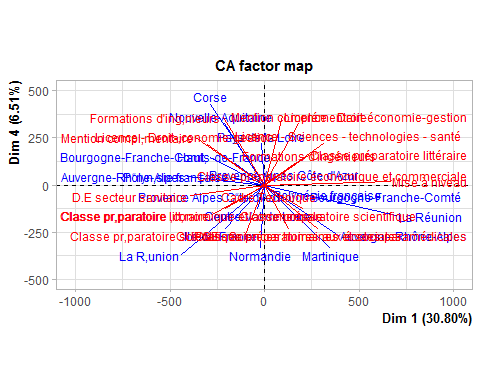
?  
#realisation de l acm  
  
  
library(FactoMineR)

## starting httpd help server ... done

nm=tcafc[1:25,1:71]  
#x11()  
resca<-CA(tcafc[1:25,1:71],ncp=4)



plot(resca,shadow=TRUE,cex=0.8,unselect = 0,axes=c(1,4),selectRow ="contrib 18", selectCol ="contrib 18",xlim= c(-1000, 1000), ylim = c(-500, 500) )



round(cbind(resca$col$coord,resca$col$contri,resca$col$cos2),digits=2)

## Dim 1  
## Ann‚e pr‚paratoire -0.41  
## Année préparatoire 0.70  
## Bachelor -0.03  
## BPJEPS 0.19  
## BTS - Production 0.05  
## BTS - Services 0.02  
## BTSA 0.05  
## Cadre Technique 0.19  
## Classe pr‚paratoire ‚conomique et commerciale -0.50  
## Classe pr‚paratoire aux ‚tudes sup‚rieures -0.72  
## Classe pr‚paratoire litt‚raire -0.45  
## Classe pr‚paratoire scientifique -0.44  
## Classe préparatoire aux études supérieures 0.63  
## Classe préparatoire économique et commerciale 0.56  
## Classe préparatoire littéraire 0.45  
## Classe préparatoire scientifique 0.53  
## Classes pr‚paratoires aux ‚coles param‚dicales -0.68  
## Classes préparatoires aux écoles du social 0.76  
## Classes préparatoires aux écoles paramédicales 1.02  
## CPES -0.26  
## CUPGE - Arts Lettres Langues -0.07  
## CUPGE - Droit-‚conomie-gestion 0.12  
## CUPGE - Sciences humaines et sociales 0.19  
## CUPGE - Sciences, technologie, sant‚ -0.51  
## CUPGE - Sciences, technologie, santé 0.61  
## D.E secteur sanitaire -0.46  
## D.E secteur social -0.39  
## DCG 0.01  
## DEJEPS 0.48  
## DEUST 0.00  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.27  
## Dipl“me d'‚tablissement -0.26  
## Dipl“me des m‚tiers d'Arts -0.05  
## Diplôme d'établissement -0.26  
## Diplôme des métiers d'Arts 0.55  
## DN MADE -0.22  
## DU -0.07  
## DUT - Production 0.03  
## DUT - Service 0.03  
## Ecole d'architecture 0.04  
## Ecole sup‚rieure d'art -0.11  
## Ecole supérieure d'art 0.06  
## Ecoles de commerce 0.76  
## Ecoles de commerce et de management -0.51  
## Formation en ing‚nierie -0.34  
## Formation en ingénierie 0.49  
## Formations d'ing‚nieurs -0.33  
## Formations d'ingénieurs 0.46  
## Formations diplômantes du social 0.62  
## Formations diplômantes paramédicales 0.60  
## Licence - Arts-lettres-langues 0.03  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.30  
## Licence - Droit-‚conomie-gestion -0.39  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.27  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.27  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.27  
## Licence - Droit-économie-gestion 0.49  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.27  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.27  
## Licence - Sciences - technologies - sant‚ -0.41  
## Licence - Sciences - technologies - santé 0.46  
## Licence - Sciences humaines et sociales 0.03  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.16  
## Licence - STAPS 0.12  
## Mention compl‚mentaire -0.43  
## Mention complémentaire 0.41  
## Mise … niveau -0.40  
## Mise à niveau 0.57  
## Technicien sup‚rieur -0.84  
## Technicien supérieur 0.89  
## Titre professionnel -0.35  
## Dim 2  
## Ann‚e pr‚paratoire 0.13  
## Année préparatoire 0.01  
## Bachelor -0.41  
## BPJEPS 0.03  
## BTS - Production 0.05  
## BTS - Services -0.01  
## BTSA 0.45  
## Cadre Technique 1.00  
## Classe pr‚paratoire ‚conomique et commerciale -0.22  
## Classe pr‚paratoire aux ‚tudes sup‚rieures -0.08  
## Classe pr‚paratoire litt‚raire -0.35  
## Classe pr‚paratoire scientifique -0.12  
## Classe préparatoire aux études supérieures -0.32  
## Classe préparatoire économique et commerciale -0.36  
## Classe préparatoire littéraire -0.57  
## Classe préparatoire scientifique -0.25  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.64  
## Classes préparatoires aux écoles du social 0.82  
## Classes préparatoires aux écoles paramédicales 0.56  
## CPES -1.83  
## CUPGE - Arts Lettres Langues 0.03  
## CUPGE - Droit-‚conomie-gestion 0.70  
## CUPGE - Sciences humaines et sociales 1.00  
## CUPGE - Sciences, technologie, sant‚ 0.07  
## CUPGE - Sciences, technologie, santé -0.19  
## D.E secteur sanitaire 0.02  
## D.E secteur social -0.11  
## DCG -0.04  
## DEJEPS 0.04  
## DEUST 0.10  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 1.50  
## Dipl“me d'‚tablissement -1.83  
## Dipl“me des m‚tiers d'Arts -0.04  
## Diplôme d'établissement -1.83  
## Diplôme des métiers d'Arts -0.73  
## DN MADE -0.19  
## DU -0.19  
## DUT - Production 0.00  
## DUT - Service 0.00  
## Ecole d'architecture -0.26  
## Ecole sup‚rieure d'art 0.58  
## Ecole supérieure d'art 0.61  
## Ecoles de commerce 0.15  
## Ecoles de commerce et de management 0.25  
## Formation en ing‚nierie 0.19  
## Formation en ingénierie 0.11  
## Formations d'ing‚nieurs 0.19  
## Formations d'ingénieurs 0.08  
## Formations diplômantes du social 0.47  
## Formations diplômantes paramédicales 0.04  
## Licence - Arts-lettres-langues -0.04  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.99  
## Licence - Droit-‚conomie-gestion 0.09  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 1.50  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 1.50  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 1.50  
## Licence - Droit-économie-gestion -0.09  
## Licence - Droit-économie-gestion / Arts-lettres-langues 1.50  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 1.50  
## Licence - Sciences - technologies - sant‚ 0.08  
## Licence - Sciences - technologies - santé -0.09  
## Licence - Sciences humaines et sociales -0.04  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.51  
## Licence - STAPS 0.89  
## Mention compl‚mentaire -0.08  
## Mention complémentaire -0.20  
## Mise … niveau 0.03  
## Mise à niveau -0.13  
## Technicien sup‚rieur -0.10  
## Technicien supérieur -0.13  
## Titre professionnel 0.53  
## Dim 3  
## Ann‚e pr‚paratoire 0.00  
## Année préparatoire 0.04  
## Bachelor 0.88  
## BPJEPS -0.18  
## BTS - Production -0.05  
## BTS - Services -0.03  
## BTSA -0.06  
## Cadre Technique 0.53  
## Classe pr‚paratoire ‚conomique et commerciale 0.31  
## Classe pr‚paratoire aux ‚tudes sup‚rieures -0.13  
## Classe pr‚paratoire litt‚raire 0.20  
## Classe pr‚paratoire scientifique 0.08  
## Classe préparatoire aux études supérieures -0.02  
## Classe préparatoire économique et commerciale 0.20  
## Classe préparatoire littéraire 0.16  
## Classe préparatoire scientifique 0.04  
## Classes pr‚paratoires aux ‚coles param‚dicales -0.27  
## Classes préparatoires aux écoles du social 0.31  
## Classes préparatoires aux écoles paramédicales 0.25  
## CPES 0.82  
## CUPGE - Arts Lettres Langues -0.53  
## CUPGE - Droit-‚conomie-gestion 0.94  
## CUPGE - Sciences humaines et sociales 0.53  
## CUPGE - Sciences, technologie, sant‚ 0.06  
## CUPGE - Sciences, technologie, santé 0.01  
## D.E secteur sanitaire 0.02  
## D.E secteur social -0.11  
## DCG -0.07  
## DEJEPS 0.07  
## DEUST -0.40  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 2.78  
## Dipl“me d'‚tablissement 0.82  
## Dipl“me des m‚tiers d'Arts -0.72  
## Diplôme d'établissement 0.82  
## Diplôme des métiers d'Arts 0.22  
## DN MADE 0.15  
## DU 0.10  
## DUT - Production -0.07  
## DUT - Service -0.08  
## Ecole d'architecture 0.21  
## Ecole sup‚rieure d'art 0.84  
## Ecole supérieure d'art 1.26  
## Ecoles de commerce -0.28  
## Ecoles de commerce et de management 0.00  
## Formation en ing‚nierie 0.02  
## Formation en ingénierie -0.16  
## Formations d'ing‚nieurs 0.27  
## Formations d'ingénieurs 0.22  
## Formations diplômantes du social -0.01  
## Formations diplômantes paramédicales 0.02  
## Licence - Arts-lettres-langues -0.02  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 1.41  
## Licence - Droit-‚conomie-gestion 0.00  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 2.78  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 2.78  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 2.78  
## Licence - Droit-économie-gestion -0.03  
## Licence - Droit-économie-gestion / Arts-lettres-langues 2.78  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 2.78  
## Licence - Sciences - technologies - sant‚ -0.06  
## Licence - Sciences - technologies - santé -0.09  
## Licence - Sciences humaines et sociales 0.09  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ -0.13  
## Licence - STAPS -0.73  
## Mention compl‚mentaire -0.14  
## Mention complémentaire -0.18  
## Mise … niveau -0.12  
## Mise à niveau -0.20  
## Technicien sup‚rieur -0.58  
## Technicien supérieur -0.98  
## Titre professionnel 0.01  
## Dim 4  
## Ann‚e pr‚paratoire 0.07  
## Année préparatoire 0.22  
## Bachelor -0.71  
## BPJEPS 0.17  
## BTS - Production -0.07  
## BTS - Services -0.04  
## BTSA 0.06  
## Cadre Technique -3.40  
## Classe pr‚paratoire ‚conomique et commerciale -0.06  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.23  
## Classe pr‚paratoire litt‚raire -0.04  
## Classe pr‚paratoire scientifique -0.05  
## Classe préparatoire aux études supérieures 0.36  
## Classe préparatoire économique et commerciale 0.00  
## Classe préparatoire littéraire -0.01  
## Classe préparatoire scientifique -0.03  
## Classes pr‚paratoires aux ‚coles param‚dicales -0.29  
## Classes préparatoires aux écoles du social -0.26  
## Classes préparatoires aux écoles paramédicales -0.33  
## CPES -0.17  
## CUPGE - Arts Lettres Langues 0.43  
## CUPGE - Droit-‚conomie-gestion 1.10  
## CUPGE - Sciences humaines et sociales -3.40  
## CUPGE - Sciences, technologie, sant‚ -0.08  
## CUPGE - Sciences, technologie, santé 0.23  
## D.E secteur sanitaire -0.04  
## D.E secteur social 0.00  
## DCG 0.06  
## DEJEPS 0.02  
## DEUST 0.41  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 1.55  
## Dipl“me d'‚tablissement -0.17  
## Dipl“me des m‚tiers d'Arts 0.54  
## Diplôme d'établissement -0.17  
## Diplôme des métiers d'Arts 0.31  
## DN MADE -0.03  
## DU 0.05  
## DUT - Production -0.06  
## DUT - Service -0.03  
## Ecole d'architecture -0.15  
## Ecole sup‚rieure d'art -0.64  
## Ecole supérieure d'art -0.48  
## Ecoles de commerce -0.01  
## Ecoles de commerce et de management -0.08  
## Formation en ing‚nierie 0.33  
## Formation en ingénierie 0.38  
## Formations d'ing‚nieurs 0.21  
## Formations d'ingénieurs 0.22  
## Formations diplômantes du social -0.99  
## Formations diplômantes paramédicales -0.23  
## Licence - Arts-lettres-langues 0.09  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.56  
## Licence - Droit-‚conomie-gestion 0.10  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 1.55  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 1.55  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 1.55  
## Licence - Droit-économie-gestion 0.12  
## Licence - Droit-économie-gestion / Arts-lettres-langues 1.55  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 1.55  
## Licence - Sciences - technologies - sant‚ -0.01  
## Licence - Sciences - technologies - santé 0.08  
## Licence - Sciences humaines et sociales 0.11  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.23  
## Licence - STAPS 0.49  
## Mention compl‚mentaire 0.09  
## Mention complémentaire 0.22  
## Mise … niveau 0.02  
## Mise à niveau -0.02  
## Technicien sup‚rieur 0.27  
## Technicien supérieur 0.50  
## Titre professionnel -0.37  
## Dim 1  
## Ann‚e pr‚paratoire 0.47  
## Année préparatoire 1.38  
## Bachelor 0.00  
## BPJEPS 0.21  
## BTS - Production 0.35  
## BTS - Services 0.13  
## BTSA 0.15  
## Cadre Technique 0.01  
## Classe pr‚paratoire ‚conomique et commerciale 5.76  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 1.72  
## Classe pr‚paratoire litt‚raire 2.77  
## Classe pr‚paratoire scientifique 6.27  
## Classe préparatoire aux études supérieures 0.98  
## Classe préparatoire économique et commerciale 5.92  
## Classe préparatoire littéraire 2.50  
## Classe préparatoire scientifique 8.03  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.38  
## Classes préparatoires aux écoles du social 1.58  
## Classes préparatoires aux écoles paramédicales 8.64  
## CPES 0.02  
## CUPGE - Arts Lettres Langues 0.00  
## CUPGE - Droit-‚conomie-gestion 0.00  
## CUPGE - Sciences humaines et sociales 0.01  
## CUPGE - Sciences, technologie, sant‚ 0.53  
## CUPGE - Sciences, technologie, santé 0.67  
## D.E secteur sanitaire 9.27  
## D.E secteur social 1.71  
## DCG 0.00  
## DEJEPS 0.41  
## DEUST 0.00  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.01  
## Dipl“me d'‚tablissement 0.02  
## Dipl“me des m‚tiers d'Arts 0.00  
## Diplôme d'établissement 0.01  
## Diplôme des métiers d'Arts 0.77  
## DN MADE 0.96  
## DU 0.02  
## DUT - Production 0.03  
## DUT - Service 0.03  
## Ecole d'architecture 0.01  
## Ecole sup‚rieure d'art 0.02  
## Ecole supérieure d'art 0.00  
## Ecoles de commerce 1.43  
## Ecoles de commerce et de management 1.41  
## Formation en ing‚nierie 0.41  
## Formation en ingénierie 0.76  
## Formations d'ing‚nieurs 2.48  
## Formations d'ingénieurs 4.17  
## Formations diplômantes du social 0.31  
## Formations diplômantes paramédicales 1.68  
## Licence - Arts-lettres-langues 0.02  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.04  
## Licence - Droit-‚conomie-gestion 2.21  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.01  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.01  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.02  
## Licence - Droit-économie-gestion 3.17  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.01  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.02  
## Licence - Sciences - technologies - sant‚ 2.30  
## Licence - Sciences - technologies - santé 2.77  
## Licence - Sciences humaines et sociales 0.02  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.00  
## Licence - STAPS 0.01  
## Mention compl‚mentaire 7.33  
## Mention complémentaire 2.43  
## Mise … niveau 1.10  
## Mise à niveau 2.50  
## Technicien sup‚rieur 0.92  
## Technicien supérieur 0.66  
## Titre professionnel 0.04  
## Dim 2  
## Ann‚e pr‚paratoire 0.12  
## Année préparatoire 0.00  
## Bachelor 0.38  
## BPJEPS 0.01  
## BTS - Production 0.90  
## BTS - Services 0.07  
## BTSA 29.15  
## Cadre Technique 0.56  
## Classe pr‚paratoire ‚conomique et commerciale 2.69  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.04  
## Classe pr‚paratoire litt‚raire 3.92  
## Classe pr‚paratoire scientifique 1.04  
## Classe préparatoire aux études supérieures 0.60  
## Classe préparatoire économique et commerciale 5.99  
## Classe préparatoire littéraire 9.36  
## Classe préparatoire scientifique 4.27  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.81  
## Classes préparatoires aux écoles du social 4.33  
## Classes préparatoires aux écoles paramédicales 6.23  
## CPES 1.87  
## CUPGE - Arts Lettres Langues 0.00  
## CUPGE - Droit-‚conomie-gestion 0.27  
## CUPGE - Sciences humaines et sociales 0.56  
## CUPGE - Sciences, technologie, sant‚ 0.02  
## CUPGE - Sciences, technologie, santé 0.16  
## D.E secteur sanitaire 0.06  
## D.E secteur social 0.31  
## DCG 0.08  
## DEJEPS 0.01  
## DEUST 0.13  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.63  
## Dipl“me d'‚tablissement 1.87  
## Dipl“me des m‚tiers d'Arts 0.00  
## Diplôme d'établissement 0.94  
## Diplôme des métiers d'Arts 3.25  
## DN MADE 1.63  
## DU 0.43  
## DUT - Production 0.00  
## DUT - Service 0.00  
## Ecole d'architecture 0.84  
## Ecole sup‚rieure d'art 0.95  
## Ecole supérieure d'art 0.74  
## Ecoles de commerce 0.13  
## Ecoles de commerce et de management 0.80  
## Formation en ing‚nierie 0.30  
## Formation en ingénierie 0.10  
## Formations d'ing‚nieurs 1.98  
## Formations d'ingénieurs 0.32  
## Formations diplômantes du social 0.43  
## Formations diplômantes paramédicales 0.01  
## Licence - Arts-lettres-langues 0.09  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 1.10  
## Licence - Droit-‚conomie-gestion 0.25  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.63  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.63  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 1.27  
## Licence - Droit-économie-gestion 0.23  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.63  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 1.27  
## Licence - Sciences - technologies - sant‚ 0.21  
## Licence - Sciences - technologies - santé 0.27  
## Licence - Sciences humaines et sociales 0.10  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.07  
## Licence - STAPS 1.34  
## Mention compl‚mentaire 0.66  
## Mention complémentaire 1.35  
## Mise … niveau 0.02  
## Mise à niveau 0.29  
## Technicien sup‚rieur 0.03  
## Technicien supérieur 0.03  
## Titre professionnel 0.24  
## Dim 3  
## Ann‚e pr‚paratoire 0.00  
## Année préparatoire 0.01  
## Bachelor 2.69  
## BPJEPS 0.65  
## BTS - Production 1.29  
## BTS - Services 0.83  
## BTSA 0.85  
## Cadre Technique 0.25  
## Classe pr‚paratoire ‚conomique et commerciale 8.33  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.21  
## Classe pr‚paratoire litt‚raire 2.09  
## Classe pr‚paratoire scientifique 0.72  
## Classe préparatoire aux études supérieures 0.00  
## Classe préparatoire économique et commerciale 2.88  
## Classe préparatoire littéraire 1.16  
## Classe préparatoire scientifique 0.18  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.23  
## Classes préparatoires aux écoles du social 0.96  
## Classes préparatoires aux écoles paramédicales 1.89  
## CPES 0.60  
## CUPGE - Arts Lettres Langues 0.24  
## CUPGE - Droit-‚conomie-gestion 0.77  
## CUPGE - Sciences humaines et sociales 0.25  
## CUPGE - Sciences, technologie, sant‚ 0.03  
## CUPGE - Sciences, technologie, santé 0.00  
## D.E secteur sanitaire 0.06  
## D.E secteur social 0.54  
## DCG 0.37  
## DEJEPS 0.03  
## DEUST 3.30  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 3.38  
## Dipl“me d'‚tablissement 0.60  
## Dipl“me des m‚tiers d'Arts 0.45  
## Diplôme d'établissement 0.30  
## Diplôme des métiers d'Arts 0.45  
## DN MADE 1.59  
## DU 0.18  
## DUT - Production 0.64  
## DUT - Service 0.86  
## Ecole d'architecture 0.85  
## Ecole sup‚rieure d'art 3.11  
## Ecole supérieure d'art 4.90  
## Ecoles de commerce 0.70  
## Ecoles de commerce et de management 0.00  
## Formation en ing‚nierie 0.00  
## Formation en ingénierie 0.32  
## Formations d'ing‚nieurs 6.22  
## Formations d'ingénieurs 3.54  
## Formations diplômantes du social 0.00  
## Formations diplômantes paramédicales 0.01  
## Licence - Arts-lettres-langues 0.02  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 3.47  
## Licence - Droit-‚conomie-gestion 0.00  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 3.38  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 3.38  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 6.77  
## Licence - Droit-économie-gestion 0.05  
## Licence - Droit-économie-gestion / Arts-lettres-langues 3.38  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 6.77  
## Licence - Sciences - technologies - sant‚ 0.20  
## Licence - Sciences - technologies - santé 0.39  
## Licence - Sciences humaines et sociales 0.70  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.01  
## Licence - STAPS 1.42  
## Mention compl‚mentaire 2.84  
## Mention complémentaire 1.69  
## Mise … niveau 0.39  
## Mise à niveau 1.09  
## Technicien sup‚rieur 1.61  
## Technicien supérieur 2.94  
## Titre professionnel 0.00  
## Dim 4  
## Ann‚e pr‚paratoire 0.07  
## Année préparatoire 0.68  
## Bachelor 2.27  
## BPJEPS 0.75  
## BTS - Production 3.55  
## BTS - Services 1.73  
## BTSA 0.90  
## Cadre Technique 12.96  
## Classe pr‚paratoire ‚conomique et commerciale 0.33  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.80  
## Classe pr‚paratoire litt‚raire 0.09  
## Classe pr‚paratoire scientifique 0.33  
## Classe préparatoire aux études supérieures 1.53  
## Classe préparatoire économique et commerciale 0.00  
## Classe préparatoire littéraire 0.01  
## Classe préparatoire scientifique 0.13  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.32  
## Classes préparatoires aux écoles du social 0.89  
## Classes préparatoires aux écoles paramédicales 4.29  
## CPES 0.03  
## CUPGE - Arts Lettres Langues 0.21  
## CUPGE - Droit-‚conomie-gestion 1.35  
## CUPGE - Sciences humaines et sociales 12.96  
## CUPGE - Sciences, technologie, sant‚ 0.06  
## CUPGE - Sciences, technologie, santé 0.45  
## D.E secteur sanitaire 0.32  
## D.E secteur social 0.00  
## DCG 0.37  
## DEJEPS 0.00  
## DEUST 4.60  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 1.35  
## Dipl“me d'‚tablissement 0.03  
## Dipl“me des m‚tiers d'Arts 0.32  
## Diplôme d'établissement 0.02  
## Diplôme des métiers d'Arts 1.16  
## DN MADE 0.08  
## DU 0.05  
## DUT - Production 0.69  
## DUT - Service 0.12  
## Ecole d'architecture 0.55  
## Ecole sup‚rieure d'art 2.30  
## Ecole supérieure d'art 0.92  
## Ecoles de commerce 0.00  
## Ecoles de commerce et de management 0.17  
## Formation en ing‚nierie 1.84  
## Formation en ingénierie 2.19  
## Formations d'ing‚nieurs 4.82  
## Formations d'ingénieurs 4.44  
## Formations diplômantes du social 3.86  
## Formations diplômantes paramédicales 1.23  
## Licence - Arts-lettres-langues 0.73  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.71  
## Licence - Droit-‚conomie-gestion 0.68  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 1.35  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 1.35  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 2.69  
## Licence - Droit-économie-gestion 0.94  
## Licence - Droit-économie-gestion / Arts-lettres-langues 1.35  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 2.69  
## Licence - Sciences - technologies - sant‚ 0.01  
## Licence - Sciences - technologies - santé 0.44  
## Licence - Sciences humaines et sociales 1.28  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.03  
## Licence - STAPS 0.82  
## Mention compl‚mentaire 1.72  
## Mention complémentaire 3.40  
## Mise … niveau 0.01  
## Mise à niveau 0.02  
## Technicien sup‚rieur 0.44  
## Technicien supérieur 1.00  
## Titre professionnel 0.23  
## Dim 1  
## Ann‚e pr‚paratoire 0.17  
## Année préparatoire 0.34  
## Bachelor 0.00  
## BPJEPS 0.08  
## BTS - Production 0.09  
## BTS - Services 0.05  
## BTSA 0.01  
## Cadre Technique 0.00  
## Classe pr‚paratoire ‚conomique et commerciale 0.48  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.22  
## Classe pr‚paratoire litt‚raire 0.44  
## Classe pr‚paratoire scientifique 0.82  
## Classe préparatoire aux études supérieures 0.19  
## Classe préparatoire économique et commerciale 0.53  
## Classe préparatoire littéraire 0.31  
## Classe préparatoire scientifique 0.76  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.13  
## Classes préparatoires aux écoles du social 0.28  
## Classes préparatoires aux écoles paramédicales 0.48  
## CPES 0.01  
## CUPGE - Arts Lettres Langues 0.00  
## CUPGE - Droit-‚conomie-gestion 0.00  
## CUPGE - Sciences humaines et sociales 0.00  
## CUPGE - Sciences, technologie, sant‚ 0.13  
## CUPGE - Sciences, technologie, santé 0.25  
## D.E secteur sanitaire 0.82  
## D.E secteur social 0.51  
## DCG 0.00  
## DEJEPS 0.20  
## DEUST 0.00  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.00  
## Dipl“me d'‚tablissement 0.01  
## Dipl“me des m‚tiers d'Arts 0.00  
## Diplôme d'établissement 0.01  
## Diplôme des métiers d'Arts 0.19  
## DN MADE 0.15  
## DU 0.01  
## DUT - Production 0.02  
## DUT - Service 0.03  
## Ecole d'architecture 0.01  
## Ecole sup‚rieure d'art 0.00  
## Ecole supérieure d'art 0.00  
## Ecoles de commerce 0.29  
## Ecoles de commerce et de management 0.38  
## Formation en ing‚nierie 0.20  
## Formation en ingénierie 0.25  
## Formations d'ing‚nieurs 0.29  
## Formations d'ingénieurs 0.43  
## Formations diplômantes du social 0.06  
## Formations diplômantes paramédicales 0.61  
## Licence - Arts-lettres-langues 0.01  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.02  
## Licence - Droit-‚conomie-gestion 0.71  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.00  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.00  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.00  
## Licence - Droit-économie-gestion 0.79  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.00  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.00  
## Licence - Sciences - technologies - sant‚ 0.75  
## Licence - Sciences - technologies - santé 0.69  
## Licence - Sciences humaines et sociales 0.01  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.00  
## Licence - STAPS 0.00  
## Mention compl‚mentaire 0.63  
## Mention complémentaire 0.41  
## Mise … niveau 0.39  
## Mise à niveau 0.36  
## Technicien sup‚rieur 0.16  
## Technicien supérieur 0.13  
## Titre professionnel 0.02  
## Dim 2  
## Ann‚e pr‚paratoire 0.02  
## Année préparatoire 0.00  
## Bachelor 0.07  
## BPJEPS 0.00  
## BTS - Production 0.10  
## BTS - Services 0.01  
## BTSA 0.82  
## Cadre Technique 0.05  
## Classe pr‚paratoire ‚conomique et commerciale 0.09  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.00  
## Classe pr‚paratoire litt‚raire 0.26  
## Classe pr‚paratoire scientifique 0.06  
## Classe préparatoire aux études supérieures 0.05  
## Classe préparatoire économique et commerciale 0.23  
## Classe préparatoire littéraire 0.50  
## Classe préparatoire scientifique 0.17  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.12  
## Classes préparatoires aux écoles du social 0.32  
## Classes préparatoires aux écoles paramédicales 0.15  
## CPES 0.66  
## CUPGE - Arts Lettres Langues 0.00  
## CUPGE - Droit-‚conomie-gestion 0.08  
## CUPGE - Sciences humaines et sociales 0.05  
## CUPGE - Sciences, technologie, sant‚ 0.00  
## CUPGE - Sciences, technologie, santé 0.02  
## D.E secteur sanitaire 0.00  
## D.E secteur social 0.04  
## DCG 0.02  
## DEJEPS 0.00  
## DEUST 0.01  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.15  
## Dipl“me d'‚tablissement 0.66  
## Dipl“me des m‚tiers d'Arts 0.00  
## Diplôme d'établissement 0.66  
## Diplôme des métiers d'Arts 0.34  
## DN MADE 0.11  
## DU 0.09  
## DUT - Production 0.00  
## DUT - Service 0.00  
## Ecole d'architecture 0.22  
## Ecole sup‚rieure d'art 0.10  
## Ecole supérieure d'art 0.06  
## Ecoles de commerce 0.01  
## Ecoles de commerce et de management 0.09  
## Formation en ing‚nierie 0.06  
## Formation en ingénierie 0.01  
## Formations d'ing‚nieurs 0.10  
## Formations d'ingénieurs 0.01  
## Formations diplômantes du social 0.04  
## Formations diplômantes paramédicales 0.00  
## Licence - Arts-lettres-langues 0.02  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.19  
## Licence - Droit-‚conomie-gestion 0.03  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.15  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.15  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.15  
## Licence - Droit-économie-gestion 0.02  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.15  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.15  
## Licence - Sciences - technologies - sant‚ 0.03  
## Licence - Sciences - technologies - santé 0.03  
## Licence - Sciences humaines et sociales 0.01  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.02  
## Licence - STAPS 0.12  
## Mention compl‚mentaire 0.02  
## Mention complémentaire 0.10  
## Mise … niveau 0.00  
## Mise à niveau 0.02  
## Technicien sup‚rieur 0.00  
## Technicien supérieur 0.00  
## Titre professionnel 0.04  
## Dim 3  
## Ann‚e pr‚paratoire 0.00  
## Année préparatoire 0.00  
## Bachelor 0.33  
## BPJEPS 0.07  
## BTS - Production 0.09  
## BTS - Services 0.09  
## BTSA 0.02  
## Cadre Technique 0.01  
## Classe pr‚paratoire ‚conomique et commerciale 0.19  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.01  
## Classe pr‚paratoire litt‚raire 0.09  
## Classe pr‚paratoire scientifique 0.03  
## Classe préparatoire aux études supérieures 0.00  
## Classe préparatoire économique et commerciale 0.07  
## Classe préparatoire littéraire 0.04  
## Classe préparatoire scientifique 0.00  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.02  
## Classes préparatoires aux écoles du social 0.05  
## Classes préparatoires aux écoles paramédicales 0.03  
## CPES 0.13  
## CUPGE - Arts Lettres Langues 0.02  
## CUPGE - Droit-‚conomie-gestion 0.15  
## CUPGE - Sciences humaines et sociales 0.01  
## CUPGE - Sciences, technologie, sant‚ 0.00  
## CUPGE - Sciences, technologie, santé 0.00  
## D.E secteur sanitaire 0.00  
## D.E secteur social 0.04  
## DCG 0.06  
## DEJEPS 0.00  
## DEUST 0.21  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.50  
## Dipl“me d'‚tablissement 0.13  
## Dipl“me des m‚tiers d'Arts 0.11  
## Diplôme d'établissement 0.13  
## Diplôme des métiers d'Arts 0.03  
## DN MADE 0.07  
## DU 0.02  
## DUT - Production 0.09  
## DUT - Service 0.22  
## Ecole d'architecture 0.14  
## Ecole sup‚rieure d'art 0.20  
## Ecole supérieure d'art 0.25  
## Ecoles de commerce 0.04  
## Ecoles de commerce et de management 0.00  
## Formation en ing‚nierie 0.00  
## Formation en ingénierie 0.03  
## Formations d'ing‚nieurs 0.20  
## Formations d'ingénieurs 0.10  
## Formations diplômantes du social 0.00  
## Formations diplômantes paramédicales 0.00  
## Licence - Arts-lettres-langues 0.00  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.37  
## Licence - Droit-‚conomie-gestion 0.00  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.50  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.50  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.50  
## Licence - Droit-économie-gestion 0.00  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.50  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.50  
## Licence - Sciences - technologies - sant‚ 0.02  
## Licence - Sciences - technologies - santé 0.03  
## Licence - Sciences humaines et sociales 0.06  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.00  
## Licence - STAPS 0.08  
## Mention compl‚mentaire 0.07  
## Mention complémentaire 0.08  
## Mise … niveau 0.04  
## Mise à niveau 0.04  
## Technicien sup‚rieur 0.07  
## Technicien supérieur 0.15  
## Titre professionnel 0.00  
## Dim 4  
## Ann‚e pr‚paratoire 0.01  
## Année préparatoire 0.04  
## Bachelor 0.22  
## BPJEPS 0.06  
## BTS - Production 0.19  
## BTS - Services 0.14  
## BTSA 0.01  
## Cadre Technique 0.60  
## Classe pr‚paratoire ‚conomique et commerciale 0.01  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.02  
## Classe pr‚paratoire litt‚raire 0.00  
## Classe pr‚paratoire scientifique 0.01  
## Classe préparatoire aux études supérieures 0.06  
## Classe préparatoire économique et commerciale 0.00  
## Classe préparatoire littéraire 0.00  
## Classe préparatoire scientifique 0.00  
## Classes pr‚paratoires aux ‚coles param‚dicales 0.02  
## Classes préparatoires aux écoles du social 0.03  
## Classes préparatoires aux écoles paramédicales 0.05  
## CPES 0.01  
## CUPGE - Arts Lettres Langues 0.02  
## CUPGE - Droit-‚conomie-gestion 0.21  
## CUPGE - Sciences humaines et sociales 0.60  
## CUPGE - Sciences, technologie, sant‚ 0.00  
## CUPGE - Sciences, technologie, santé 0.04  
## D.E secteur sanitaire 0.01  
## D.E secteur social 0.00  
## DCG 0.05  
## DEJEPS 0.00  
## DEUST 0.23  
## Dipl“me accr‚dit‚ par un Etat ‚tranger 0.16  
## Dipl“me d'‚tablissement 0.01  
## Dipl“me des m‚tiers d'Arts 0.06  
## Diplôme d'établissement 0.01  
## Diplôme des métiers d'Arts 0.06  
## DN MADE 0.00  
## DU 0.00  
## DUT - Production 0.08  
## DUT - Service 0.02  
## Ecole d'architecture 0.07  
## Ecole sup‚rieure d'art 0.12  
## Ecole supérieure d'art 0.04  
## Ecoles de commerce 0.00  
## Ecoles de commerce et de management 0.01  
## Formation en ing‚nierie 0.19  
## Formation en ingénierie 0.15  
## Formations d'ing‚nieurs 0.12  
## Formations d'ingénieurs 0.10  
## Formations diplômantes du social 0.16  
## Formations diplômantes paramédicales 0.09  
## Licence - Arts-lettres-langues 0.10  
## Licence - Arts-lettres-langues / Sciences humaines et sociales 0.06  
## Licence - Droit-‚conomie-gestion 0.05  
## Licence - Droit-‚conomie-gestion / Arts-lettres-langues 0.16  
## Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ 0.16  
## Licence - Droit-‚conomie-gestion / Sciences humaines et sociales 0.16  
## Licence - Droit-économie-gestion 0.05  
## Licence - Droit-économie-gestion / Arts-lettres-langues 0.16  
## Licence - Droit-économie-gestion / Sciences humaines et sociales 0.16  
## Licence - Sciences - technologies - sant‚ 0.00  
## Licence - Sciences - technologies - santé 0.02  
## Licence - Sciences humaines et sociales 0.08  
## Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ 0.00  
## Licence - STAPS 0.04  
## Mention compl‚mentaire 0.03  
## Mention complémentaire 0.12  
## Mise … niveau 0.00  
## Mise à niveau 0.00  
## Technicien sup‚rieur 0.02  
## Technicien supérieur 0.04  
## Titre professionnel 0.02

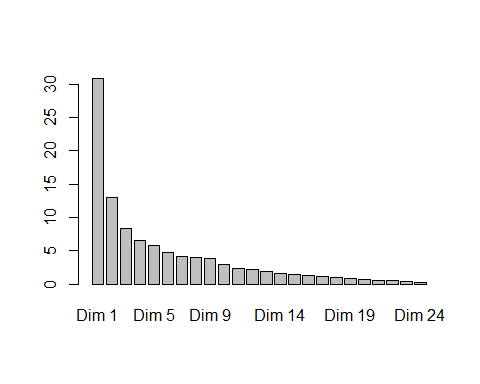
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## $coord  
## Dim 1 Dim 2 Dim 3 Dim 4  
## Auvergne-Rh“ne-Alpes -0.509373963 0.125640792 -0.008138312 -0.0357766500  
## Auvergne-Rhône-Alpes 0.702192807 0.061944718 0.019133838 -0.0821118059  
## Bourgogne-Franche-Comt‚ -0.473577731 0.186390105 -0.124463444 0.0159749844  
## Bourgogne-Franche-Comté 0.579222224 0.202235051 -0.132903545 -0.0299889186  
## Bretagne 0.049534338 0.100115161 -0.020856220 0.0321568920  
## Centre-Val de Loire -0.005871647 0.137443510 0.100433553 -0.1343784383  
## Corse -0.067231351 -0.097402970 -0.483074268 0.3037211838  
## Etranger -0.268332191 -0.152202157 1.464341573 0.6435709820  
## Grand Est -0.021281036 0.006717951 -0.082400506 0.0593933089  
## Guadeloupe -0.006043991 -0.129516134 -0.173851617 -0.0001193643  
## Guyane -0.086874889 0.059840881 -0.270676296 -0.0908355062  
## Hauts-de-France -0.011428916 -0.020830134 -0.141256321 0.0891244440  
## Ile-de-France -0.077352153 -0.357027966 0.128765342 -0.0233295744  
## La R‚union -0.396398037 -0.012425758 -0.059196295 -0.0944560508  
## La Réunion 0.749452873 -0.106970544 -0.079707016 -0.0649632594  
## Martinique 0.129411865 0.035544284 -0.081102746 -0.2381088898  
## Mayotte -0.215580595 -0.161303167 -0.301014293 0.2011320643  
## Normandie 0.057527578 0.195321756 0.083455469 -0.4703172225  
## Nouvelle-Aquitaine 0.028950142 0.164137430 -0.107634199 0.1057369208  
## Occitanie -0.032847272 0.017457004 -0.093991463 0.0235835050  
## Pays de la Loire 0.080976775 0.293445078 0.434139554 0.2143659419  
## Polyn‚sie fran‡aise -0.445544845 -0.030182344 -0.068682473 -0.0094050375  
## Polynésie française 0.637071356 -0.091531834 -0.070771854 -0.0447402592  
## Provence Alpes C“te d'Azur -0.579396585 -0.064906421 -0.010989897 -0.0624679058  
## Provence Alpes Côte d'Azur 0.713412633 -0.317068117 -0.097698808 0.0944055449  
##   
## $contrib  
## Dim 1 Dim 2 Dim 3 Dim 4  
## Auvergne-Rh“ne-Alpes 1.822242e+01 2.627375010 0.01722527 4.253427e-01  
## Auvergne-Rhône-Alpes 2.804167e+01 0.517163569 0.07710102 1.814301e+00  
## Bourgogne-Franche-Comt‚ 6.576280e+00 2.414191268 1.68207818 3.540672e-02  
## Bourgogne-Franche-Comté 7.536855e+00 2.177412678 1.46939176 9.559350e-02  
## Bretagne 1.642008e-01 1.589609400 0.10779497 3.274294e-01  
## Centre-Val de Loire 1.271805e-03 1.651495370 1.37791718 3.151860e+00  
## Corse 2.511815e-02 0.124944329 4.80215899 2.425500e+00  
## Etranger 6.810541e-02 0.051928513 7.51079036 1.853686e+00  
## Grand Est 4.107022e-02 0.009699364 2.28016350 1.513643e+00  
## Guadeloupe 3.498474e-04 0.380721191 1.07189774 6.456352e-07  
## Guyane 4.461744e-02 0.050169555 1.60391491 2.307993e-01  
## Hauts-de-France 1.340528e-02 0.105530539 7.58309290 3.857150e+00  
## Ile-de-France 1.092291e+00 55.147528964 11.20872296 4.701258e-01  
## La R‚union 1.597745e+00 0.003720648 0.13194665 4.292509e-01  
## La Réunion 5.379226e+00 0.259709427 0.22531442 1.912378e-01  
## Martinique 1.940530e-01 0.034692844 0.28223317 3.108354e+00  
## Mayotte 2.088089e-01 0.277040762 1.50753950 8.600019e-01  
## Normandie 1.807758e-01 4.938755276 1.40884250 5.717115e+01  
## Nouvelle-Aquitaine 8.086073e-02 6.159985705 4.13905879 5.103835e+00  
## Occitanie 1.052443e-01 0.070447837 3.19110898 2.566988e-01  
## Pays de la Loire 4.426935e-01 13.777298121 47.12004399 1.467915e+01  
## Polyn‚sie fran‡aise 6.806548e-01 0.007402497 0.05989640 1.435067e-03  
## Polynésie française 1.295645e+00 0.063384400 0.05921010 3.023528e-02  
## Provence Alpes C“te d'Azur 1.266160e+01 0.376565301 0.01686898 6.963984e-01  
## Provence Alpes Côte d'Azur 1.534503e+01 7.183227432 1.06568678 1.271418e+00  
##   
## $cos2  
## Dim 1 Dim 2 Dim 3 Dim 4  
## Auvergne-Rh“ne-Alpes 7.267995e-01 0.0442183461 0.0001855281 3.585424e-03  
## Auvergne-Rhône-Alpes 8.032980e-01 0.0062513306 0.0005964419 1.098437e-02  
## Bourgogne-Franche-Comt‚ 4.683302e-01 0.0725463157 0.0323484358 5.329059e-04  
## Bourgogne-Franche-Comté 4.369214e-01 0.0532630168 0.0230030824 1.171209e-03  
## Bretagne 1.799685e-02 0.0735162619 0.0031904719 7.584585e-03  
## Centre-Val de Loire 1.169163e-04 0.0640624647 0.0342068293 6.123706e-02  
## Corse 2.668439e-03 0.0056009017 0.1377657815 5.445825e-02  
## Etranger 7.303295e-03 0.0023497135 0.2174994106 4.201131e-02  
## Grand Est 5.305783e-03 0.0005287343 0.0795469757 4.132748e-02  
## Guadeloupe 8.637638e-05 0.0396638768 0.0714668908 3.368964e-08  
## Guyane 1.148831e-02 0.0054508431 0.1115239588 1.255969e-02  
## Hauts-de-France 1.218078e-03 0.0040462186 0.1860719829 7.407282e-02  
## Ile-de-France 3.753522e-02 0.7996475409 0.1040140735 3.414348e-03  
## La R‚union 2.788603e-01 0.0002740120 0.0062188889 1.583373e-02  
## La Réunion 5.169398e-01 0.0105312450 0.0058471524 3.884069e-03  
## Martinique 4.372592e-02 0.0032986047 0.0171736201 1.480273e-01  
## Mayotte 2.274794e-02 0.0127352806 0.0443503412 1.980092e-02  
## Normandie 1.006623e-02 0.1160421746 0.0211847927 6.728161e-01  
## Nouvelle-Aquitaine 7.978090e-03 0.2564559601 0.1102803433 1.064268e-01  
## Occitanie 1.610455e-02 0.0045487233 0.1318642033 8.301695e-03  
## Pays de la Loire 1.814368e-02 0.2382638705 0.5215107260 1.271499e-01  
## Polyn‚sie fran‡aise 1.313516e-01 0.0006027793 0.0031213627 5.852932e-05  
## Polynésie française 3.573840e-01 0.0073773990 0.0044104214 1.762609e-03  
## Provence Alpes C“te d'Azur 7.602538e-01 0.0095407402 0.0002735231 8.837321e-03  
## Provence Alpes Côte d'Azur 6.216558e-01 0.1227929752 0.0116586135 1.088588e-02  
##   
## $inertia  
## [1] 0.022648021 0.031533062 0.012684314 0.015582089 0.008241717 0.009826173  
## [7] 0.008502943 0.008423676 0.006992242 0.003658664 0.003508224 0.009941216  
## [13] 0.026286825 0.005175588 0.009399802 0.004008855 0.008291743 0.016222296  
## [19] 0.009155406 0.005903218 0.022040252 0.004680913 0.003274838 0.015044194  
## [25] 0.022297531

#Determination du nombre d axe  
summary(resca)

##   
## Call:  
## CA(X = tcafc[1:25, 1:71], ncp = 4)   
##   
## The chi square of independence between the two variables is equal to 2746.391 (p-value = 1.177045e-54 ).  
##   
## Eigenvalues  
## Dim.1 Dim.2 Dim.3 Dim.4 Dim.5 Dim.6 Dim.7  
## Variance 0.090 0.038 0.024 0.019 0.017 0.014 0.012  
## % of var. 30.796 12.995 8.316 6.509 5.838 4.785 4.163  
## Cumulative % of var. 30.796 43.790 52.107 58.615 64.454 69.239 73.402  
## Dim.8 Dim.9 Dim.10 Dim.11 Dim.12 Dim.13 Dim.14  
## Variance 0.012 0.011 0.008 0.007 0.006 0.006 0.005  
## % of var. 3.938 3.759 2.873 2.274 2.109 1.920 1.555  
## Cumulative % of var. 77.340 81.099 83.972 86.246 88.355 90.275 91.829  
## Dim.15 Dim.16 Dim.17 Dim.18 Dim.19 Dim.20 Dim.21  
## Variance 0.004 0.004 0.003 0.003 0.003 0.002 0.002  
## % of var. 1.483 1.266 1.116 1.037 0.866 0.695 0.594  
## Cumulative % of var. 93.312 94.578 95.694 96.730 97.596 98.291 98.886  
## Dim.22 Dim.23 Dim.24  
## Variance 0.002 0.001 0.001  
## % of var. 0.527 0.380 0.207  
## Cumulative % of var. 99.413 99.793 100.000  
##   
## Rows (the 10 first)  
## Iner\*1000 Dim.1 ctr  
## Auvergne-Rh“ne-Alpes | 22.648 | -0.509 18.222  
## Auvergne-Rhône-Alpes | 31.533 | 0.702 28.042  
## Bourgogne-Franche-Comt‚ | 12.684 | -0.474 6.576  
## Bourgogne-Franche-Comté | 15.582 | 0.579 7.537  
## Bretagne | 8.242 | 0.050 0.164  
## Centre-Val de Loire | 9.826 | -0.006 0.001  
## Corse | 8.503 | -0.067 0.025  
## Etranger | 8.424 | -0.268 0.068  
## Grand Est | 6.992 | -0.021 0.041  
## Guadeloupe | 3.659 | -0.006 0.000  
## cos2 Dim.2 ctr cos2   
## Auvergne-Rh“ne-Alpes 0.727 | 0.126 2.627 0.044 |  
## Auvergne-Rhône-Alpes 0.803 | 0.062 0.517 0.006 |  
## Bourgogne-Franche-Comt‚ 0.468 | 0.186 2.414 0.073 |  
## Bourgogne-Franche-Comté 0.437 | 0.202 2.177 0.053 |  
## Bretagne 0.018 | 0.100 1.590 0.074 |  
## Centre-Val de Loire 0.000 | 0.137 1.651 0.064 |  
## Corse 0.003 | -0.097 0.125 0.006 |  
## Etranger 0.007 | -0.152 0.052 0.002 |  
## Grand Est 0.005 | 0.007 0.010 0.001 |  
## Guadeloupe 0.000 | -0.130 0.381 0.040 |  
## Dim.3 ctr cos2   
## Auvergne-Rh“ne-Alpes -0.008 0.017 0.000 |  
## Auvergne-Rhône-Alpes 0.019 0.077 0.001 |  
## Bourgogne-Franche-Comt‚ -0.124 1.682 0.032 |  
## Bourgogne-Franche-Comté -0.133 1.469 0.023 |  
## Bretagne -0.021 0.108 0.003 |  
## Centre-Val de Loire 0.100 1.378 0.034 |  
## Corse -0.483 4.802 0.138 |  
## Etranger 1.464 7.511 0.217 |  
## Grand Est -0.082 2.280 0.080 |  
## Guadeloupe -0.174 1.072 0.071 |  
##   
## Columns (the 10 first)  
## Iner\*1000 Dim.1 ctr  
## Ann‚e pr‚paratoire | 2.588 | -0.408 0.474  
## Année préparatoire | 3.698 | 0.698 1.384  
## Bachelor | 1.963 | -0.027 0.001  
## BPJEPS | 2.336 | 0.193 0.212  
## BTS - Production | 3.535 | 0.045 0.354  
## BTS - Services | 2.325 | 0.021 0.133  
## BTSA | 13.546 | 0.050 0.150  
## Cadre Technique | 4.115 | 0.191 0.009  
## Classe pr‚paratoire ‚conomique et commerciale | 10.801 | -0.502 5.762  
## Classe pr‚paratoire aux ‚tudes sup‚rieures | 7.207 | -0.721 1.720  
## cos2 Dim.2 ctr cos2   
## Ann‚e pr‚paratoire 0.165 | 0.133 0.119 0.018 |  
## Année préparatoire 0.338 | 0.011 0.001 0.000 |  
## Bachelor 0.000 | -0.412 0.381 0.074 |  
## BPJEPS 0.082 | 0.027 0.010 0.002 |  
## BTS - Production 0.090 | 0.047 0.902 0.097 |  
## BTS - Services 0.052 | -0.010 0.075 0.012 |  
## BTSA 0.010 | 0.449 29.146 0.820 |  
## Cadre Technique 0.002 | 1.000 0.561 0.052 |  
## Classe pr‚paratoire ‚conomique et commerciale 0.482 | -0.223 2.685 0.095 |  
## Classe pr‚paratoire aux ‚tudes sup‚rieures 0.216 | -0.075 0.045 0.002 |  
## Dim.3 ctr cos2   
## Ann‚e pr‚paratoire 0.005 0.000 0.000 |  
## Année préparatoire 0.037 0.014 0.001 |  
## Bachelor 0.877 2.691 0.334 |  
## BPJEPS -0.176 0.653 0.068 |  
## BTS - Production -0.045 1.291 0.089 |  
## BTS - Services -0.028 0.831 0.087 |  
## BTSA -0.061 0.848 0.015 |  
## Cadre Technique 0.534 0.250 0.015 |  
## Classe pr‚paratoire ‚conomique et commerciale 0.314 8.328 0.188 |  
## Classe pr‚paratoire aux ‚tudes sup‚rieures -0.132 0.213 0.007 |

barplot(resca$eig[,2],names=paste("Dim",1:nrow(resca$eig)))



naxes=min(nrow(tcafc[1:25,1:71]),ncol(tcafc[1:25,1:71]))-1  
naxes

## [1] 24

kable(round(resca$eig,digits=3))

|  |  |  |  |
| --- | --- | --- | --- |
|  | eigenvalue | percentage of variance | cumulative percentage of variance |
| dim 1 | 0.090 | 30.796 | 30.796 |
| dim 2 | 0.038 | 12.995 | 43.790 |
| dim 3 | 0.024 | 8.316 | 52.107 |
| dim 4 | 0.019 | 6.509 | 58.615 |
| dim 5 | 0.017 | 5.838 | 64.454 |
| dim 6 | 0.014 | 4.785 | 69.239 |
| dim 7 | 0.012 | 4.163 | 73.402 |
| dim 8 | 0.012 | 3.938 | 77.340 |
| dim 9 | 0.011 | 3.759 | 81.099 |
| dim 10 | 0.008 | 2.873 | 83.972 |
| dim 11 | 0.007 | 2.274 | 86.246 |
| dim 12 | 0.006 | 2.109 | 88.355 |
| dim 13 | 0.006 | 1.920 | 90.275 |
| dim 14 | 0.005 | 1.555 | 91.829 |
| dim 15 | 0.004 | 1.483 | 93.312 |
| dim 16 | 0.004 | 1.266 | 94.578 |
| dim 17 | 0.003 | 1.116 | 95.694 |
| dim 18 | 0.003 | 1.037 | 96.730 |
| dim 19 | 0.003 | 0.866 | 97.596 |
| dim 20 | 0.002 | 0.695 | 98.291 |
| dim 21 | 0.002 | 0.594 | 98.886 |
| dim 22 | 0.002 | 0.527 | 99.413 |
| dim 23 | 0.001 | 0.380 | 99.793 |
| dim 24 | 0.001 | 0.207 | 100.000 |

kable(round(cbind(resca$row$coord[,1:4],resca$row$cos2[,1:4]),digits=3))

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dim 1 | Dim 2 | Dim 3 | Dim 4 | Dim 1 | Dim 2 | Dim 3 | Dim 4 |
| Auvergne-Rh“ne-Alpes | -0.509 | 0.126 | -0.008 | -0.036 | 0.727 | 0.044 | 0.000 | 0.004 |
| Auvergne-Rhône-Alpes | 0.702 | 0.062 | 0.019 | -0.082 | 0.803 | 0.006 | 0.001 | 0.011 |
| Bourgogne-Franche-Comt‚ | -0.474 | 0.186 | -0.124 | 0.016 | 0.468 | 0.073 | 0.032 | 0.001 |
| Bourgogne-Franche-Comté | 0.579 | 0.202 | -0.133 | -0.030 | 0.437 | 0.053 | 0.023 | 0.001 |
| Bretagne | 0.050 | 0.100 | -0.021 | 0.032 | 0.018 | 0.074 | 0.003 | 0.008 |
| Centre-Val de Loire | -0.006 | 0.137 | 0.100 | -0.134 | 0.000 | 0.064 | 0.034 | 0.061 |
| Corse | -0.067 | -0.097 | -0.483 | 0.304 | 0.003 | 0.006 | 0.138 | 0.054 |
| Etranger | -0.268 | -0.152 | 1.464 | 0.644 | 0.007 | 0.002 | 0.217 | 0.042 |
| Grand Est | -0.021 | 0.007 | -0.082 | 0.059 | 0.005 | 0.001 | 0.080 | 0.041 |
| Guadeloupe | -0.006 | -0.130 | -0.174 | 0.000 | 0.000 | 0.040 | 0.071 | 0.000 |
| Guyane | -0.087 | 0.060 | -0.271 | -0.091 | 0.011 | 0.005 | 0.112 | 0.013 |
| Hauts-de-France | -0.011 | -0.021 | -0.141 | 0.089 | 0.001 | 0.004 | 0.186 | 0.074 |
| Ile-de-France | -0.077 | -0.357 | 0.129 | -0.023 | 0.038 | 0.800 | 0.104 | 0.003 |
| La R‚union | -0.396 | -0.012 | -0.059 | -0.094 | 0.279 | 0.000 | 0.006 | 0.016 |
| La Réunion | 0.749 | -0.107 | -0.080 | -0.065 | 0.517 | 0.011 | 0.006 | 0.004 |
| Martinique | 0.129 | 0.036 | -0.081 | -0.238 | 0.044 | 0.003 | 0.017 | 0.148 |
| Mayotte | -0.216 | -0.161 | -0.301 | 0.201 | 0.023 | 0.013 | 0.044 | 0.020 |
| Normandie | 0.058 | 0.195 | 0.083 | -0.470 | 0.010 | 0.116 | 0.021 | 0.673 |
| Nouvelle-Aquitaine | 0.029 | 0.164 | -0.108 | 0.106 | 0.008 | 0.256 | 0.110 | 0.106 |
| Occitanie | -0.033 | 0.017 | -0.094 | 0.024 | 0.016 | 0.005 | 0.132 | 0.008 |
| Pays de la Loire | 0.081 | 0.293 | 0.434 | 0.214 | 0.018 | 0.238 | 0.522 | 0.127 |
| Polyn‚sie fran‡aise | -0.446 | -0.030 | -0.069 | -0.009 | 0.131 | 0.001 | 0.003 | 0.000 |
| Polynésie française | 0.637 | -0.092 | -0.071 | -0.045 | 0.357 | 0.007 | 0.004 | 0.002 |
| Provence Alpes C“te d’Azur | -0.579 | -0.065 | -0.011 | -0.062 | 0.760 | 0.010 | 0.000 | 0.009 |
| Provence Alpes Côte d’Azur | 0.713 | -0.317 | -0.098 | 0.094 | 0.622 | 0.123 | 0.012 | 0.011 |

kable(round(cbind(resca$col$coord[,1:4],resca$col$cos2[,1:4]),digits=3))

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dim 1 | Dim 2 | Dim 3 | Dim 4 | Dim 1 | Dim 2 | Dim 3 | Dim 4 |
| Ann‚e pr‚paratoire | -0.408 | 0.133 | 0.005 | 0.072 | 0.165 | 0.018 | 0.000 | 0.005 |
| Année préparatoire | 0.698 | 0.011 | 0.037 | 0.225 | 0.338 | 0.000 | 0.001 | 0.035 |
| Bachelor | -0.027 | -0.412 | 0.877 | -0.712 | 0.000 | 0.074 | 0.334 | 0.221 |
| BPJEPS | 0.193 | 0.027 | -0.176 | 0.167 | 0.082 | 0.002 | 0.068 | 0.061 |
| BTS - Production | 0.045 | 0.047 | -0.045 | -0.066 | 0.090 | 0.097 | 0.089 | 0.192 |
| BTS - Services | 0.021 | -0.010 | -0.028 | -0.036 | 0.052 | 0.012 | 0.087 | 0.142 |
| BTSA | 0.050 | 0.449 | -0.061 | 0.056 | 0.010 | 0.820 | 0.015 | 0.013 |
| Cadre Technique | 0.191 | 1.000 | 0.534 | -3.404 | 0.002 | 0.052 | 0.015 | 0.601 |
| Classe pr‚paratoire ‚conomique et commerciale | -0.502 | -0.223 | 0.314 | -0.055 | 0.482 | 0.095 | 0.188 | 0.006 |
| Classe pr‚paratoire aux ‚tudes sup‚rieures | -0.721 | -0.075 | -0.132 | 0.227 | 0.216 | 0.002 | 0.007 | 0.021 |
| Classe pr‚paratoire litt‚raire | -0.450 | -0.347 | 0.203 | -0.038 | 0.441 | 0.263 | 0.090 | 0.003 |
| Classe pr‚paratoire scientifique | -0.444 | -0.118 | 0.078 | -0.047 | 0.815 | 0.057 | 0.025 | 0.009 |
| Classe préparatoire aux études supérieures | 0.627 | -0.318 | -0.019 | 0.361 | 0.194 | 0.050 | 0.000 | 0.064 |
| Classe préparatoire économique et commerciale | 0.556 | -0.363 | 0.201 | 0.003 | 0.535 | 0.228 | 0.070 | 0.000 |
| Classe préparatoire littéraire | 0.455 | -0.572 | 0.161 | -0.009 | 0.314 | 0.496 | 0.039 | 0.000 |
| Classe préparatoire scientifique | 0.533 | -0.252 | 0.042 | -0.031 | 0.757 | 0.170 | 0.005 | 0.003 |
| Classes pr‚paratoires aux ‚coles param‚dicales | -0.677 | 0.644 | -0.272 | -0.286 | 0.132 | 0.120 | 0.021 | 0.024 |
| Classes préparatoires aux écoles du social | 0.763 | 0.819 | 0.309 | -0.263 | 0.277 | 0.320 | 0.046 | 0.033 |
| Classes préparatoires aux écoles paramédicales | 1.022 | 0.564 | 0.248 | -0.331 | 0.484 | 0.147 | 0.029 | 0.051 |
| CPES | -0.257 | -1.829 | 0.824 | -0.169 | 0.013 | 0.660 | 0.134 | 0.006 |
| CUPGE - Arts Lettres Langues | -0.071 | 0.034 | -0.528 | 0.430 | 0.000 | 0.000 | 0.025 | 0.016 |
| CUPGE - Droit-‚conomie-gestion | 0.116 | 0.698 | 0.938 | 1.098 | 0.002 | 0.084 | 0.152 | 0.208 |
| CUPGE - Sciences humaines et sociales | 0.191 | 1.000 | 0.534 | -3.404 | 0.002 | 0.052 | 0.015 | 0.601 |
| CUPGE - Sciences, technologie, sant‚ | -0.513 | 0.067 | 0.064 | -0.079 | 0.131 | 0.002 | 0.002 | 0.003 |
| CUPGE - Sciences, technologie, santé | 0.613 | -0.193 | 0.011 | 0.231 | 0.249 | 0.025 | 0.000 | 0.035 |
| D.E secteur sanitaire | -0.462 | 0.025 | 0.019 | -0.039 | 0.820 | 0.002 | 0.001 | 0.006 |
| D.E secteur social | -0.386 | -0.107 | -0.113 | 0.001 | 0.510 | 0.039 | 0.043 | 0.000 |
| DCG | 0.012 | -0.040 | -0.071 | 0.063 | 0.002 | 0.019 | 0.060 | 0.046 |
| DEJEPS | 0.483 | 0.039 | 0.068 | 0.023 | 0.195 | 0.001 | 0.004 | 0.000 |
| DEUST | 0.002 | 0.100 | -0.396 | 0.414 | 0.000 | 0.013 | 0.213 | 0.232 |
| Dipl“me accr‚dit‚ par un Etat ‚tranger | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Dipl“me d’‚tablissement | -0.257 | -1.829 | 0.824 | -0.169 | 0.013 | 0.660 | 0.134 | 0.006 |
| Dipl“me des m‚tiers d’Arts | -0.054 | -0.036 | -0.716 | 0.537 | 0.001 | 0.000 | 0.108 | 0.061 |
| Diplôme d’établissement | -0.257 | -1.829 | 0.824 | -0.169 | 0.013 | 0.660 | 0.134 | 0.006 |
| Diplôme des métiers d’Arts | 0.546 | -0.726 | 0.217 | 0.307 | 0.195 | 0.345 | 0.031 | 0.062 |
| DN MADE | -0.219 | -0.186 | 0.147 | -0.029 | 0.153 | 0.110 | 0.069 | 0.003 |
| DU | -0.065 | -0.194 | 0.099 | 0.046 | 0.010 | 0.087 | 0.023 | 0.005 |
| DUT - Production | 0.028 | 0.005 | -0.069 | -0.063 | 0.016 | 0.000 | 0.093 | 0.078 |
| DUT - Service | 0.030 | 0.002 | -0.083 | -0.027 | 0.029 | 0.000 | 0.224 | 0.024 |
| Ecole d’architecture | 0.042 | -0.264 | 0.212 | -0.151 | 0.006 | 0.216 | 0.140 | 0.071 |
| Ecole sup‚rieure d’art | -0.113 | 0.583 | 0.843 | -0.641 | 0.004 | 0.097 | 0.203 | 0.117 |
| Ecole supérieure d’art | 0.059 | 0.613 | 1.264 | -0.484 | 0.001 | 0.059 | 0.250 | 0.037 |
| Ecoles de commerce | 0.758 | 0.146 | -0.276 | -0.008 | 0.295 | 0.011 | 0.039 | 0.000 |
| Ecoles de commerce et de management | -0.509 | 0.250 | 0.000 | -0.082 | 0.383 | 0.092 | 0.000 | 0.010 |
| Formation en ing‚nierie | -0.342 | 0.188 | 0.017 | 0.332 | 0.203 | 0.061 | 0.001 | 0.191 |
| Formation en ingénierie | 0.486 | 0.114 | -0.164 | 0.381 | 0.246 | 0.013 | 0.028 | 0.150 |
| Formations d’ing‚nieurs | -0.328 | 0.190 | 0.270 | 0.210 | 0.289 | 0.097 | 0.195 | 0.119 |
| Formations d’ingénieurs | 0.461 | 0.083 | 0.221 | 0.219 | 0.429 | 0.014 | 0.098 | 0.097 |
| Formations diplômantes du social | 0.616 | 0.467 | -0.011 | -0.992 | 0.062 | 0.035 | 0.000 | 0.160 |
| Formations diplômantes paramédicales | 0.595 | 0.035 | 0.022 | -0.235 | 0.610 | 0.002 | 0.001 | 0.095 |
| Licence - Arts-lettres-langues | 0.029 | -0.042 | -0.016 | 0.087 | 0.011 | 0.025 | 0.003 | 0.103 |
| Licence - Arts-lettres-langues / Sciences humaines et sociales | 0.295 | 0.992 | 1.407 | 0.562 | 0.016 | 0.186 | 0.374 | 0.060 |
| Licence - Droit-‚conomie-gestion | -0.393 | 0.086 | -0.005 | 0.100 | 0.711 | 0.034 | 0.000 | 0.046 |
| Licence - Droit-‚conomie-gestion / Arts-lettres-langues | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚ | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Licence - Droit-‚conomie-gestion / Sciences humaines et sociales | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Licence - Droit-économie-gestion | 0.494 | -0.086 | -0.033 | 0.124 | 0.790 | 0.024 | 0.004 | 0.050 |
| Licence - Droit-économie-gestion / Arts-lettres-langues | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Licence - Droit-économie-gestion / Sciences humaines et sociales | 0.269 | 1.503 | 2.780 | 1.551 | 0.005 | 0.147 | 0.502 | 0.156 |
| Licence - Sciences - technologies - sant‚ | -0.406 | 0.079 | -0.063 | -0.015 | 0.751 | 0.028 | 0.018 | 0.001 |
| Licence - Sciences - technologies - santé | 0.456 | -0.093 | -0.089 | 0.084 | 0.691 | 0.029 | 0.026 | 0.023 |
| Licence - Sciences humaines et sociales | 0.028 | -0.043 | 0.092 | 0.110 | 0.005 | 0.012 | 0.057 | 0.081 |
| Licence - Sciences humaines et sociales / Sciences - technologies - sant‚ | 0.165 | 0.513 | -0.134 | 0.233 | 0.002 | 0.017 | 0.001 | 0.003 |
| Licence - STAPS | 0.123 | 0.892 | -0.734 | 0.493 | 0.002 | 0.122 | 0.083 | 0.037 |
| Mention compl‚mentaire | -0.425 | -0.083 | -0.137 | 0.095 | 0.635 | 0.024 | 0.066 | 0.032 |
| Mention complémentaire | 0.409 | -0.198 | -0.177 | 0.222 | 0.406 | 0.095 | 0.076 | 0.120 |
| Mise … niveau | -0.397 | 0.031 | -0.122 | 0.016 | 0.395 | 0.002 | 0.038 | 0.001 |
| Mise à niveau | 0.570 | -0.126 | -0.195 | -0.023 | 0.357 | 0.017 | 0.042 | 0.001 |
| Technicien sup‚rieur | -0.843 | -0.100 | -0.579 | 0.269 | 0.159 | 0.002 | 0.075 | 0.016 |
| Technicien supérieur | 0.890 | -0.128 | -0.980 | 0.504 | 0.125 | 0.003 | 0.152 | 0.040 |
| Titre professionnel | -0.351 | 0.535 | 0.006 | -0.371 | 0.015 | 0.035 | 0.000 | 0.017 |

#Extraction de tables pour aide à l’interprétation  
afc=resca  
print("Axe 1 : region de cosca>moyenne et de coord < 0")

## [1] "Axe 1 : region de cosca>moyenne et de coord < 0"

rownames(afc$row$coord)[(afc$row$coord[,1]<0)&(afc$row$cos2[,1]>(1/naxes))]

## [1] "Auvergne-Rh“ne-Alpes" "Bourgogne-Franche-Comt‚"   
## [3] "La R‚union" "Polyn‚sie fran‡aise"   
## [5] "Provence Alpes C“te d'Azur"

print("Axe 2 : region de cosca>moyenne et de coord < 0")

## [1] "Axe 2 : region de cosca>moyenne et de coord < 0"

rownames(afc$row$coord)[(afc$row$coord[,2]<0)&(afc$row$cos2[,2]>(1/naxes))]

## [1] "Ile-de-France" "Provence Alpes Côte d'Azur"

print("Axe 1 : region de cosca>moyenne et de coord > 0")

## [1] "Axe 1 : region de cosca>moyenne et de coord > 0"

rownames(afc$row$coord)[(afc$row$coord[,1]>0)&(afc$row$cos2[,1]>(1/naxes))]

## [1] "Auvergne-Rhône-Alpes" "Bourgogne-Franche-Comté"   
## [3] "La Réunion" "Martinique"   
## [5] "Polynésie française" "Provence Alpes Côte d'Azur"

print("Axe 2 : region de cosca>moyenne et de coord > 0")

## [1] "Axe 2 : region de cosca>moyenne et de coord > 0"

rownames(afc$row$coord)[(afc$row$coord[,2]>0)&(afc$row$cos2[,2]>(1/naxes))]

## [1] "Auvergne-Rh“ne-Alpes" "Bourgogne-Franche-Comt‚"  
## [3] "Bourgogne-Franche-Comté" "Bretagne"   
## [5] "Centre-Val de Loire" "Normandie"   
## [7] "Nouvelle-Aquitaine" "Pays de la Loire"

print("Axe 1 : filiere de cosca>moyenne et de coord < 0")

## [1] "Axe 1 : filiere de cosca>moyenne et de coord < 0"

rownames(afc$col$coord)[(afc$col$coord[,1]<0)&(afc$col$cos2[,1]>(1/naxes))]

## [1] "Ann‚e pr‚paratoire"   
## [2] "Classe pr‚paratoire ‚conomique et commerciale"   
## [3] "Classe pr‚paratoire aux ‚tudes sup‚rieures"   
## [4] "Classe pr‚paratoire litt‚raire"   
## [5] "Classe pr‚paratoire scientifique"   
## [6] "Classes pr‚paratoires aux ‚coles param‚dicales"  
## [7] "CUPGE - Sciences, technologie, sant‚"   
## [8] "D.E secteur sanitaire"   
## [9] "D.E secteur social"   
## [10] "DN MADE"   
## [11] "Ecoles de commerce et de management"   
## [12] "Formation en ing‚nierie"   
## [13] "Formations d'ing‚nieurs"   
## [14] "Licence - Droit-‚conomie-gestion"   
## [15] "Licence - Sciences - technologies - sant‚"   
## [16] "Mention compl‚mentaire"   
## [17] "Mise … niveau"   
## [18] "Technicien sup‚rieur"

print("Axe 2 : filiere de cosca>moyenne et de coord < 0")

## [1] "Axe 2 : filiere de cosca>moyenne et de coord < 0"

rownames(afc$col$coord)[(afc$col$coord[,2]<0)&(afc$col$cos2[,2]>(1/naxes))]

## [1] "Bachelor"   
## [2] "Classe pr‚paratoire ‚conomique et commerciale"  
## [3] "Classe pr‚paratoire litt‚raire"   
## [4] "Classe pr‚paratoire scientifique"   
## [5] "Classe préparatoire aux études supérieures"   
## [6] "Classe préparatoire économique et commerciale"  
## [7] "Classe préparatoire littéraire"   
## [8] "Classe préparatoire scientifique"   
## [9] "CPES"   
## [10] "Dipl“me d'‚tablissement"   
## [11] "Diplôme d'établissement"   
## [12] "Diplôme des métiers d'Arts"   
## [13] "DN MADE"   
## [14] "DU"   
## [15] "Ecole d'architecture"   
## [16] "Mention complémentaire"

print("Axe 1 : filiere de cosca>moyenne et de coord > 0")

## [1] "Axe 1 : filiere de cosca>moyenne et de coord > 0"

rownames(afc$col$coord)[(afc$col$coord[,1]>0)&(afc$col$cos2[,1]>(1/naxes))]

## [1] "Année préparatoire"   
## [2] "BPJEPS"   
## [3] "BTS - Production"   
## [4] "BTS - Services"   
## [5] "Classe préparatoire aux études supérieures"   
## [6] "Classe préparatoire économique et commerciale"   
## [7] "Classe préparatoire littéraire"   
## [8] "Classe préparatoire scientifique"   
## [9] "Classes préparatoires aux écoles du social"   
## [10] "Classes préparatoires aux écoles paramédicales"  
## [11] "CUPGE - Sciences, technologie, santé"   
## [12] "DEJEPS"   
## [13] "Diplôme des métiers d'Arts"   
## [14] "Ecoles de commerce"   
## [15] "Formation en ingénierie"   
## [16] "Formations d'ingénieurs"   
## [17] "Formations diplômantes du social"   
## [18] "Formations diplômantes paramédicales"   
## [19] "Licence - Droit-économie-gestion"   
## [20] "Licence - Sciences - technologies - santé"   
## [21] "Mention complémentaire"   
## [22] "Mise à niveau"   
## [23] "Technicien supérieur"

print("Axe 2 : filiere de cosca>moyenne et de coord > 0")

## [1] "Axe 2 : filiere de cosca>moyenne et de coord > 0"

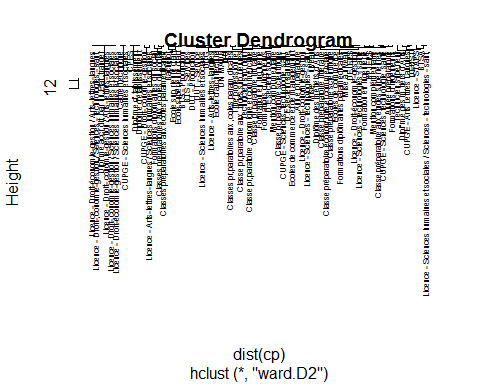
rownames(afc$col$coord)[(afc$col$coord[,2]>0)&(afc$col$cos2[,2]>(1/naxes))]

## [1] "BTS - Production"   
## [2] "BTSA"   
## [3] "Cadre Technique"   
## [4] "Classes pr‚paratoires aux ‚coles param‚dicales"   
## [5] "Classes préparatoires aux écoles du social"   
## [6] "Classes préparatoires aux écoles paramédicales"   
## [7] "CUPGE - Droit-‚conomie-gestion"   
## [8] "CUPGE - Sciences humaines et sociales"   
## [9] "Dipl“me accr‚dit‚ par un Etat ‚tranger"   
## [10] "Ecole sup‚rieure d'art"   
## [11] "Ecole supérieure d'art"   
## [12] "Ecoles de commerce et de management"   
## [13] "Formation en ing‚nierie"   
## [14] "Formations d'ing‚nieurs"   
## [15] "Licence - Arts-lettres-langues / Sciences humaines et sociales"   
## [16] "Licence - Droit-‚conomie-gestion / Arts-lettres-langues"   
## [17] "Licence - Droit-‚conomie-gestion / Sciences - technologies - sant‚"  
## [18] "Licence - Droit-‚conomie-gestion / Sciences humaines et sociales"   
## [19] "Licence - Droit-économie-gestion / Arts-lettres-langues"   
## [20] "Licence - Droit-économie-gestion / Sciences humaines et sociales"   
## [21] "Licence - STAPS"

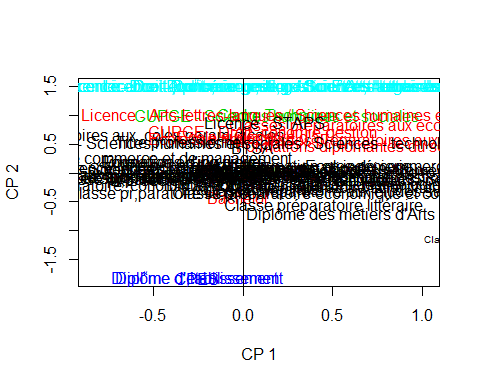
#9. Classification hiérarchique des etablissement  
#reshcps=HCPC(resacp)  
  
  
  
#La table qui va nous servir à classer les pays est cp.   
cp=afc$col$coord[,1:4]  
dim(cp)

## [1] 71 4

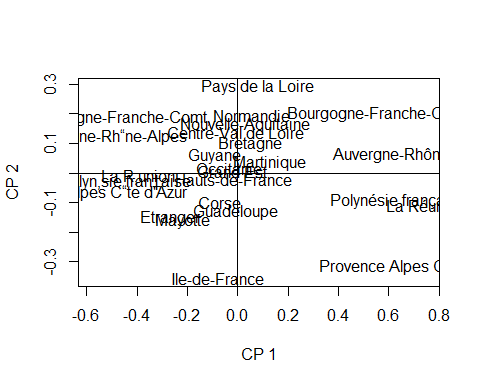
arbre=hclust(dist(cp),method="ward.D2")  
plot(arbre,hang=-1,cex=0.5)



# Choix d’un nombre de classes, et éléments d’interprétation  
#On va choisir 5 classes:  
k=5  
clk=cutree(arbre,k)  
#On trace les nuages de points avec identification des groupes pour les positioner :   
plot(afc$col$coord[,1],afc$col$coord[,2],type="n",xlab="CP 1",ylab="CP 2")  
text(afc$col$coord[,1],afc$col$coord[,2],row.names(afc$col$coord),col=clk)  
abline(h=0,v=0)  
legend(1,-1,paste("CL",1:k,sep=""),fill=1:k, bty="n",title="Classes de pays",cex=0.6,col=1:k)



#On rappelle les nuages de mots pour l’interprétation :   
plot(afc$row$coord[,1],afc$row$coord[,2],type="n",xlab="CP 1",ylab="CP 2")  
text(afc$row$coord[,1],afc$row$coord[,2],row.names(afc$row$coord))  
abline(h=0,v=0)

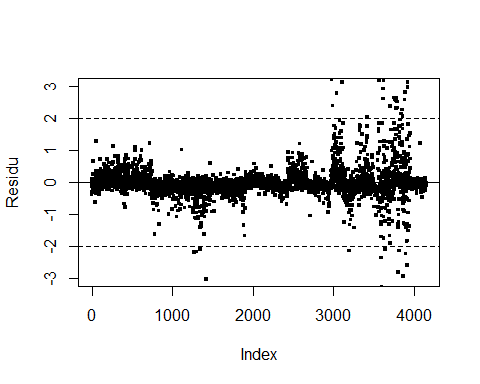


#REGRESSION MULTIPLES

reg2018=lm(Capa\_fin~Voe\_tot+Nb\_voe\_pp+Pct\_f, data =donnes2018)  
summary(reg2018)

##   
## Call:  
## lm(formula = Capa\_fin ~ Voe\_tot + Nb\_voe\_pp + Pct\_f, data = donnes2018)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -1594.0 -22.8 -8.3 9.2 4697.0   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## (Intercept) 15.70409 2.21597 7.087 1.61e-12 \*\*\*  
## Voe\_tot 0.29310 0.01498 19.570 < 2e-16 \*\*\*  
## Nb\_voe\_pp -0.29109 0.01496 -19.461 < 2e-16 \*\*\*  
## Pct\_f 1.59920 0.01840 86.910 < 2e-16 \*\*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 129.2 on 4141 degrees of freedom  
## Multiple R-squared: 0.8617, Adjusted R-squared: 0.8616   
## F-statistic: 8600 on 3 and 4141 DF, p-value: < 2.2e-16

res2018=rstandard(reg2018)  
##Analyse des residus  
plot(res2018,pch=15,cex=.5,ylab="Residu",main = "",ylim = c(-3,3))  
abline(h=c(-2,0,2),lty=c(2,1,2))



reg2019=lm(Capa\_fin~Voe\_tot+Nb\_voe\_pp+Pct\_f, data =donnes2019)  
summary(reg2019)

##   
## Call:  
## lm(formula = Capa\_fin ~ Voe\_tot + Nb\_voe\_pp + Pct\_f, data = donnes2019)  
##   
## Residuals:  
## Min 1Q Median 3Q Max   
## -4865.0 -29.4 5.8 22.6 8728.3   
##   
## Coefficients:  
## Estimate Std. Error t value Pr(>|t|)   
## (Intercept) -1.92790 3.90251 -0.494 0.6213   
## Voe\_tot 0.71136 0.01636 43.481 <2e-16 \*\*\*  
## Nb\_voe\_pp -0.65256 0.01655 -39.420 <2e-16 \*\*\*  
## Pct\_f -0.01197 0.00560 -2.137 0.0327 \*   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## Residual standard error: 250.6 on 5214 degrees of freedom  
## Multiple R-squared: 0.595, Adjusted R-squared: 0.5947   
## F-statistic: 2553 on 3 and 5214 DF, p-value: < 2.2e-16

res2019=rstandard(reg2019)  
##Analyse des residus  
plot(res2019,pch=15,cex=.5,ylab="Residu",main = "",ylim = c(-3,3))  
abline(h=c(-2,0,2),lty=c(2,1,2))

