VPKSR\_Survey

RobertChapman

2023-12-7

Data Loading ->report of missingness/dedups

Plots/Tabulation check

Analyis plan from Phil 12/4 SR:

Analysis 1: Price of Care a prohibitive factor <- CTree  
 Outcome variable: Childcare too expensive, coded as dichotomous (either too expensive or not)  
 Predictors: Marital status, (combining married & living with partners), income, # of children needing care, preferred amount of $$, transportation, ages of children needing care (collapsing across all ages - one value per row), parent education  
  
Analysis 2: Cross tabs/descriptives  
 Preferred distance by mode of transportation  
 ^Split by people who did/didnt endorse pref for ‘conveniently located’  
 Provider quality with parent education   
 "Provider not open during hours I need" vs Ranges for open/closed preferences  
 Ranges for open/closed preferences <- general for everyone

VPK:

No longer needed care  
Section 1: Sent kids to stay with family/friends   
 Household Size distribution  
 Income distribution   
 marital status frequencies  
 what responses do they select for reasons having trouble finding a provider  
  
Section 2: Stay at home with child   
 Household Size distribution  
 Income distribution   
 marital status frequencies  
 what responses do they select for reasons having trouble finding a provider  
  
Section 3: Alternative care  
 Household Size distribution  
 Income distribution   
 marital status frequencies  
 what responses do they select for reasons having trouble finding a provider

Discussion with Herman and Phil, 12/5 Adjusted income: Income/# of folks in household-> (range)

Calc -> adjusted to money willing to spend per child (adj range) Price per kid

Dig deeper on categories for specific reasons for trouble finding providers (try to identify characteristics)

Trees -> VPK Outcome (Other, Didn’t Experience Challenges, Expensive, public)

## Loading

########################################################################################  
### SR English #########################################################################  
########################################################################################  
  
#SR English  
#SREnglish=read.csv("SR Families - Final\_December 8, 2023\_15.06.csv", skip=1)[-1,]  
SREnglish=read.delim2("SR Families - Final\_December 10, 2023\_10.15.tsv", fileEncoding = "UCS-2LE",skip=1)[-1,]  
SREnglish[SREnglish==""]=NA  
SREnglish=SREnglish[order(apply(SREnglish[,18:ncol(SREnglish)],1,function(c){sum(is.na(c))})),]  
   
### Renaming  
 names(SREnglish)[grep("agree.to.participate",names(SREnglish))]="Consent"  
  
 names(SREnglish)[names(SREnglish)=="Our.records.show.that.you.completed.an.application.for.Florida.School.Readiness.program..ELC.voucher.subsidy..but.did.not.enroll.in.the.program..Is.this.correct."]="Screener"  
  
 names(SREnglish)[names(SREnglish)=="What.is.your.county.of.residence....1"]="CountyOfResidence"  
 names(SREnglish)[names(SREnglish)=="What.is.the.primary.reason.that.you.did.not.participate.in.the.Florida.School.Readiness.program..ELC.voucher.subsidy.."]="PrimaryReasonNotParticipate"  
 names(SREnglish)[names(SREnglish)=="If.you.no.longer.needed.childcare.for.your.child.ren...why.did.you.no.longer.need.it..Select.all.that.apply."]="WhyNoLongerNeeded"  
 names(SREnglish)[names(SREnglish)=="If.you.had.trouble.finding.childcare..please.select.all.of.the.reasons.that.apply."]="TroubleFindingChildcare"  
 names(SREnglish)[names(SREnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.childcare.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Price"]="ImportantCharacteristicsPrice"  
 names(SREnglish)[names(SREnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.childcare.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Location"]="ImportantCharacteristicsLocation"  
 names(SREnglish)[names(SREnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.childcare.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Quality"]="ImportantCharacteristicsQuality"  
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 names(SREnglish)[names(SREnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.childcare.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Teacher.qualifications"]="ImportantCharacteristicsTeacherQualif"  
 names(SREnglish)[names(SREnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.childcare.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Preferred.language"]="ImportantCharacteristicsLanguage"  
 names(SREnglish)[names(SREnglish)=="How.many.children.do.you.have.that.need.childcare."]="NumChildrenNeedingCare"  
 names(SREnglish)[names(SREnglish)=="How.much.are.you.willing.to.spend.on.childcare.per.week.for.your..QID9.ChoiceGroup.SelectedChoices..who.need.care."]="WillingToSpend"  
 names(SREnglish)[names(SREnglish)=="For.what.age.s..were.you.not.able.to.find.an.opening..Select.all.that.apply."]="AgeUnableToFindOpenings"  
 names(SREnglish)[names(SREnglish)=="Were.you.looking.for.care.closer.to..."]="PreferredProviderCloseTo"  
 names(SREnglish)[names(SREnglish)=="What.is.your.primary.mode.of.transportation."]="PrimaryTransportationMode"  
 names(SREnglish)[names(SREnglish)=="How.far.from..QID11.ChoiceGroup.SelectedChoices..would.you.like.your.childcare.provider.to.be.located."]="PreferredTravelDistance"  
 names(SREnglish)[names(SREnglish)=="Provider.opens.at.....AM."]="ProviderOpensAM"  
 names(SREnglish)[names(SREnglish)=="Provider.closes.at.....PM."]="ProviderClosesPM"   
  
 names(SREnglish)[names(SREnglish)=="What.is.your.household.size..Including.yourself..all.children..and.all.adults.currently.living.in.your.home."]="HouseHoldSize"  
   
 names(SREnglish)[names(SREnglish)=="What.is.your.marital.status."]="MaritalStatus"  
   
 names(SREnglish)[names(SREnglish)=="Please.select.the.language.that.you.most.commonly.speak.at.home."]="HomeLanguage"  
  
   
 names(SREnglish)[names(SREnglish)=="How.well.do.you.speak.English."]="EnglishProficiency"  
   
 names(SREnglish)[names(SREnglish)=="Which.of.the.following.categories.do.you.think.best.describes.your.total.household.income.last.year..wages.and.salaries.from.all.jobs.."]="HouseHoldIncome"  
   
 names(SREnglish)[names(SREnglish)=="What.is.the.highest.grade.or.level.of.schooling.that.you.have.completed."]="Education"  
   
 names(SREnglish)[names(SREnglish)=="What.is.your.current.employment.status."]="Employment"  
 names(SREnglish)[names(SREnglish)=="Are.you.enrolled.in.school.or.a.career.technical.training.program."]="EnrolledEducation"  
 names(SREnglish)[names(SREnglish)=="What.is.your.ethnicity."]="Ethnicity"  
 names(SREnglish)[names(SREnglish)=="What.is.your.race..Select.one.or.more."]="Race"   
  
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### SR Spanish #############################################################################  
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#SR Spanish  
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SRSpanish=read.delim2("SR Families - Final - Spanish\_December 10, 2023\_10.16.tsv", fileEncoding = "UCS-2LE",skip=1)[-1,]  
SRSpanish[SRSpanish==""]=NA  
SRSpanish=SRSpanish[order(apply(SRSpanish[,18:ncol(SRSpanish)],1,function(c){sum(is.na(c))})),]  
  
   
names(SRSpanish)[grep("acepta.participar",names(SRSpanish))]="Consent"  
  
names(SRSpanish)[names(SRSpanish)=="Nuestros.registros.muestran.que.usted.completó.una.aplicación.para.el.programa.de..Florida.School.Readiness...subsidio.de.ELC...pero.no.se.inscribió.en.el.programa...Es.esto.correcto."]="Screener"  
  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.su.condado.de.residencia."]="CountyOfResidence"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.la.razón.principal.por.la.que.no.participó.en.el.programa.de..Florida.School.Readiness...subsidio.de.ELC.."]="PrimaryReasonNotParticipate"  
names(SRSpanish)[names(SRSpanish)=="Si.ya.no.necesitaba.los.servicios.de.VPK.para.su.s..hijo.s..hija.s....por.qué.ya.no.los.necesitaba..Seleccione.todo.lo.que.corresponda."]="WhyNoLongerNeeded"  
names(SRSpanish)[names(SRSpanish)=="Si.ya.no.necesitaba.cuidado.infantil.para.su.s..hijo.s..hija.s....por.qué.ya.no.los.necesitaba..Seleccione.todo.lo.que.corresponda."]= "WhyNoLongerNeeded"  
names(SRSpanish)[names(SRSpanish)=="Si.tuvo.problemas.para.encontrar.un.cuidador.infantil.para.su.s..hijo.s..hija.s....cuáles.fueron.las.razones..Seleccione.todo.lo.que.corresponda."]="TroubleFindingChildcare"  
names(SRSpanish)[names(SRSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.cuidador.infantil.para.su.s..hijo.s..hija.s......Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Precio"]="ImportantCharacteristicsPrice"  
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names(SRSpanish)[names(SRSpanish)=="Cuántos.hijos.hijas.tiene.que.necesitan.cuidado.infantil."]= "NumChildrenNeedingCare"  
names(SRSpanish)[names(SRSpanish)=="X.Cuánto.está.dispuesto.a.a.gastar.en.cuidado.infantil..por.semana.para.su.s...QID9.ChoiceGroup.SelectedChoices..que.necesita.n..cuidado."]="WillingToSpend"  
names(SRSpanish)[names(SRSpanish)=="X.Para.qué.edades.no.pudo.encontrar.un.espacio.vacante..Seleccione.todo.lo.que.corresponda."]="AgeUnableToFindOpenings"  
names(SRSpanish)[names(SRSpanish)=="Estaba.buscando.cuidado.más.cercano.a..."]="PreferredProviderCloseTo"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.su.método.principal.de.transporte."]= "PrimaryTransportationMode"  
names(SRSpanish)[names(SRSpanish)=="X.A.qué.distancia.de..QID11.ChoiceGroup.SelectedChoices..le.gustaría.que.estuviera.ubicado.su.cuidado.infantil."]="PreferredTravelDistance"  
names(SRSpanish)[names(SRSpanish)=="El.proveedor.abre.a.las.....AM."]="ProviderOpensAM"  
names(SRSpanish)[names(SRSpanish)=="El.proveedor.cierra.a.las.....PM."]="ProviderClosesPM"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.el.tamaño.de.su.hogar..Incluido.usted..todos.los.niños.y.todos.los.adultos.que.viven.actualmente.en.su.hogar."]="HouseHoldSize"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.tu.estado.civil."]="MaritalStatus"  
names(SRSpanish)[names(SRSpanish)=="Seleccione.el.idioma.que.habla.con.más.frecuencia.en.casa."]="HomeLanguage"  
names(SRSpanish)[names(SRSpanish)=="X.Que.tan.bien.hablas.inglés."]="EnglishProficiency"  
  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.de.las.siguientes.categorías.cree.que.describe.mejor.el.ingreso.total.de.su.hogar.el.año.pasado..sueldos.y.salarios.de.todos.los.trabajos.."]="HouseHoldIncome"  
names(SRSpanish)[names(SRSpanish)=="X.Cúal.es.el.mayor.grado.o.nivel.escolar.que.usted.ha.completado."]="Education"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.su.situación.laboral.actual."]="Employment"  
names(SRSpanish)[names(SRSpanish)=="X.Estás.actualmente.inscrito.a.en.una.escuela.o.en.un.programa.de.entrenamiento.técnico.o.profesional."]="EnrolledEducation"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.su.etnia."]="Ethnicity"  
names(SRSpanish)[names(SRSpanish)=="X.Cuál.es.su.raza..Seleccione.todo.lo.que.corresponda." ]="Race"  
   
  
############################################################################################  
### VPK English ############################################################################  
############################################################################################  
  
#VPK English  
#VPKEnglish=read.csv("VPK Families - Final\_December 8, 2023\_15.07.csv", skip=1)[-1,]  
VPKEnglish=read.delim2("VPK Families - Final\_December 10, 2023\_10.16.tsv", fileEncoding = "UCS-2LE",skip=1)[-1,]  
VPKEnglish[VPKEnglish==""]=NA  
VPKEnglish=VPKEnglish[order(apply(VPKEnglish[,18:ncol(VPKEnglish)],1,function(c){sum(is.na(c))})),]  
   
### Renaming  
 names(VPKEnglish)[grep("agree.to.participate",names(VPKEnglish))]="Consent"  
  
 names(VPKEnglish)[names(VPKEnglish)=="Our.records.show.that.you.completed.an.application.for.Florida.s.VPK.program.but.did.not.enroll.in.the.program..Is.this.correct."]="Screener"  
  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.county.of.residence....5"]="CountyOfResidence"  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.the.primary.reason.that.you.did.not.participate.in.the.VPK.program."]="PrimaryReasonNotParticipate"  
 names(VPKEnglish)[names(VPKEnglish)=="If.you.no.longer.needed.VPK.services.for.your.child.ren...why.did.you.no.longer.need.it..Select.all.that.apply."]="WhyNoLongerNeeded"  
 names(VPKEnglish)[names(VPKEnglish)=="If.you.had.trouble.finding.a.provider..what.were.the.reasons..Select.all.that.apply."]="TroubleFindingChildcare"  
 names(VPKEnglish)[names(VPKEnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.VPK.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Price"]="ImportantCharacteristicsPrice"  
 names(VPKEnglish)[names(VPKEnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.VPK.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Location"]="ImportantCharacteristicsLocation"  
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 names(VPKEnglish)[names(VPKEnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.VPK.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Teacher.qualifications"]="ImportantCharacteristicsTeacherQualif"  
 names(VPKEnglish)[names(VPKEnglish)=="What.are.the.most.important.characteristics.that.you.want.in.a.VPK.provider.....Please.rank.the.following.options.from.most.important..1..to.least.important..6..by.dragging.and.dropping.the.answer.choices.in.the.order.of.importance.to.you....Preferred.language"]="ImportantCharacteristicsLanguage"  
 names(VPKEnglish)[names(VPKEnglish)=="How.many.children.do.you.have.that.will.enter.Kindergarten.next.year."]="NumChildrenEnteringKG"  
 names(VPKEnglish)[names(VPKEnglish)=="How.much.are.you.willing.to.spend.on.before.and.or.after.care..wrap.around.services..per.week.for.your..QID9.ChoiceGroup.SelectedChoices..who.need.s..services."]="WillingToSpend"  
 names(VPKEnglish)[names(VPKEnglish)=="Were.you.looking.for.a.VPK.provider.closer.to..."]="PreferredProviderCloseTo"  
 names(VPKEnglish)[names(VPKEnglish)=="Were.you.looking.for.care.closer.to..."]="LookingForCareCloser"  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.primary.mode.of.transportation."]="PrimaryTransportationMode"  
 names(VPKEnglish)[names(VPKEnglish)=="How.far.from..QID11.ChoiceGroup.SelectedChoices..would.you.like.your.VPK.provider.to.be.located."]="PreferredTravelDistance"  
 names(VPKEnglish)[names(VPKEnglish)=="Provider.opens.at.....AM."]="ProviderOpensAM"  
 names(VPKEnglish)[names(VPKEnglish)=="Provider.closes.at.....PM."]="ProviderClosesPM"   
  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.household.size..Including.yourself..all.children..and.all.adults.currently.living.in.your.home."]="HouseHoldSize"  
   
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.marital.status."]="MaritalStatus"  
   
 names(VPKEnglish)[names(VPKEnglish)=="Please.select.the.language.that.you.most.commonly.speak.at.home."]="HomeLanguage"  
  
   
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 names(VPKEnglish)[names(VPKEnglish)=="What.is.the.highest.grade.or.level.of.schooling.that.you.have.completed."]="Education"  
   
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.current.employment.status."]="Employment"  
 names(VPKEnglish)[names(VPKEnglish)=="Are.you.enrolled.in.school.or.a.career.technical.training.program."]="EnrolledEducation"  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.ethnicity."]="Ethnicity"  
 names(VPKEnglish)[names(VPKEnglish)=="What.is.your.race..Select.all.that.apply."]="Race"   
  
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names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.su.condado.de.residencia."]="CountyOfResidence"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.la.razón.principal.por.la.que.no.participó.en.el.programa.VPK."]="PrimaryReasonNotParticipate"  
names(VPKSpanish)[names(VPKSpanish)=="Si.ya.no.necesitaba.los.servicios.de.VPK.para.su.s..hijo.s..hija.s....por.qué.ya.no.los.necesitaba..Seleccione.todo.lo.que.corresponda."]="WhyNoLongerNeeded"  
names(VPKSpanish)[names(VPKSpanish)=="Si.tuvo.problemas.para.encontrar.un.proveedor...cuáles.fueron.las.razones..Seleccione.todo.lo.que.corresponda."]= "TroubleFindingChildcare"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Precio"]="ImportantCharacteristicsPrice"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Ubicación"]="ImportantCharacteristicsLocation"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Calidad"]="ImportantCharacteristicsQuality"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Horas.de.operación"]="ImportantCharacteristicsHours"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Calificaciones.de.los.profesores"]="ImportantCharacteristicsTeacherQualif"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuáles.son.las.características.más.importantes.que.desea.en.un.proveedor.de.VPK.....Clasifique.las.siguientes.opciones.desde.la.más.importante..1..hasta.la.menos.importante..6..arrastrando.y.soltando.las.opciones.de.respuesta.en.el.orden.de.importancia.para.usted....Idioma.preferido"]="ImportantCharacteristicsLanguage"  
names(VPKSpanish)[names(VPKSpanish)=="Cuántos.hijos.hijas.tiene.que.ingresar.en.el.jardín.de.infantes..Kindergarten..este.próximo.año."]= "NumChildrenEnteringKG"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuánto.está.dispuesto.a.a.gastar.en.pre.o.post.atención..servicios.integrales..por.semana.para.su.s...QID9.ChoiceGroup.SelectedChoices..que.necesita.n..servicios."]="WillingToSpend"  
names(VPKSpanish)[names(VPKSpanish)=="Estaba.buscando.un.proveedor.de.VPK.más.cercano.a..."]="PreferredProviderCloseTo"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.su.método.principal.de.transporte."]= "PrimaryTransportationMode"  
names(VPKSpanish)[names(VPKSpanish)=="X.A.qué.distancia.de..QID11.ChoiceGroup.SelectedChoices..le.gustaría.que.estuviera.ubicado.su.proveedor.de.VPK."]="PreferredTravelDistance"  
names(VPKSpanish)[names(VPKSpanish)=="El.proveedor.abre.a.las.....AM."]="ProviderOpensAM"  
names(VPKSpanish)[names(VPKSpanish)=="El.proveedor.cierra.a.las.....PM."]="ProviderClosesPM"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.el.tamaño.de.su.hogar..Incluido.usted..todos.los.niños.y.todos.los.adultos.que.viven.actualmente.en.su.hogar."]="HouseHoldSize"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.tu.estado.civil."]="MaritalStatus"  
names(VPKSpanish)[names(VPKSpanish)=="Seleccione.el.idioma.que.habla.con.más.frecuencia.en.casa."]="HomeLanguage"  
names(VPKSpanish)[names(VPKSpanish)=="X.Que.tan.bien.hablas.inglés."]="EnglishProficiency"  
  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.de.las.siguientes.categorías.cree.que.describe.mejor.el.ingreso.total.de.su.hogar.el.año.pasado..sueldos.y.salarios.de.todos.los.trabajos.."]="HouseHoldIncome"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cúal.es.el.mayor.grado.o.nivel.escolar.que.usted.ha.completado."]="Education"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.su.situación.laboral.actual."]="Employment"  
names(VPKSpanish)[names(VPKSpanish)=="X.Estás.actualmente.inscrito.a.en.una.escuela.o.en.un.programa.de.entrenamiento.técnico.o.profesional."]="EnrolledEducation"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.su.etnia."]="Ethnicity"  
names(VPKSpanish)[names(VPKSpanish)=="X.Cuál.es.su.raza..Seleccione.todo.lo.que.corresponda." ]="Race"

data=list(  
 "SRCombined"=do.call(rbind, list(SREnglish,SRSpanish)),  
 "VPKCombined"=do.call(rbind, list(VPKEnglish,VPKSpanish)))  
  
  
#Dedup by IPs and by LongLatitude  
#make a table of number of dedups found/removed  
sapply(list("SREnglish"=SREnglish, "SRSpanish"=SRSpanish, "VPKEnglish"=VPKEnglish, "VPKSpanish"=VPKSpanish, "SRCombined"=do.call(rbind, list(SREnglish,SRSpanish)),"VPKCombined"=do.call(rbind, list(VPKEnglish,VPKSpanish))),  
 simplify = FALSE, USE.NAMES = TRUE, function(d){  
rbind(  
"Didn't Consent"=table(factor((d$Consent!="I agree to participate." & d$Consent!="Acepto participar."), levels=c(T,F))),  
"Failed Screener"=table(factor((d$Screener!="Yes" & d$Screener!="Sí"), levels=c(T,F))),  
"Survey Incomplete"=table(factor((d$Finished!="True"), levels=c(T,F))),  
"Dup IP"=table(factor((duplicated(d$IP.Address)), levels=c(T,F))),  
"Dup Location"=table(factor((duplicated(d$Location.Latitude)&duplicated(d$Location.Longitude)), levels=c(T,F))),  
"Any Dup"=table(factor((duplicated(d$IP.Address)&(d$Finished=="False")|  
(duplicated(d$Location.Latitude)&duplicated(d$Location.Longitude))), levels=c(T,F)))  
)})

## $SREnglish  
## TRUE FALSE  
## Didn't Consent 29 270  
## Failed Screener 146 124  
## Survey Incomplete 3 296  
## Dup IP 27 272  
## Dup Location 147 152  
## Any Dup 147 152  
##   
## $SRSpanish  
## TRUE FALSE  
## Didn't Consent 2 22  
## Failed Screener 5 16  
## Survey Incomplete 9 15  
## Dup IP 2 22  
## Dup Location 9 15  
## Any Dup 9 15  
##   
## $VPKEnglish  
## TRUE FALSE  
## Didn't Consent 124 1857  
## Failed Screener 639 1144  
## Survey Incomplete 273 1708  
## Dup IP 221 1760  
## Dup Location 1465 516  
## Any Dup 1465 516  
##   
## $VPKSpanish  
## TRUE FALSE  
## Didn't Consent 29 392  
## Failed Screener 121 244  
## Survey Incomplete 111 310  
## Dup IP 43 378  
## Dup Location 282 139  
## Any Dup 282 139  
##   
## $SRCombined  
## TRUE FALSE  
## Didn't Consent 31 292  
## Failed Screener 151 140  
## Survey Incomplete 12 311  
## Dup IP 31 292  
## Dup Location 164 159  
## Any Dup 164 159  
##   
## $VPKCombined  
## TRUE FALSE  
## Didn't Consent 153 2249  
## Failed Screener 760 1388  
## Survey Incomplete 384 2018  
## Dup IP 295 2107  
## Dup Location 1864 538  
## Any Dup 1864 538

## DeDuplication.

data$SRCombined=data$SRCombined[!(duplicated(data$SRCombined$IP.Address)&(data$SRCombined$Finished=="False")|  
 (duplicated(data$SRCombined$Location.Latitude)&duplicated(data$SRCombined$Location.Longitude))),]  
  
data$VPKCombined=data$VPKCombined[!(duplicated(data$VPKCombined$IP.Address)&(data$VPKCombined$Finished=="False")|  
 (duplicated(data$VPKCombined$Location.Latitude)&duplicated(data$VPKCombined$Location.Longitude))),]

## Remy’s Table 1

Table1\_VPK=t(sapply(c("Statewide",unique(c(data$VPKCombined$CountyOfResidence))),function(county){  
 if(county!="Statewide"|is.na(county)){  
 if(is.na(county)){  
 VPK=data$VPKCombined[is.na(data$VPKCombined$CountyOfResidence),]}  
 else{  
 VPK=data$VPKCombined[which(data$VPKCombined$CountyOfResidence==county),]}}  
 else{VPK=data$VPKCombined}  
   
   
 c(#"County"=county,  
 "Consented\_Yes"=sum(c(VPK$Consent) %in% c("I agree to participate.","Acepto participar."),na.rm = TRUE),  
 "Consented\_No"=sum(!(c(VPK$Consent) %in% c("I agree to participate.","Acepto participar.")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes"=sum(  
 c(VPK$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(VPK$Screener) %in% c("Yes","Sí")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_No"=sum(  
 c(VPK$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 !(c(VPK$Screener) %in% c("Yes","Sí")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes\_Finished\_Yes"=sum(  
 c(VPK$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(VPK$Screener) %in% c("Yes","Sí")) &   
 (c(VPK$Finished)=="True"),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes\_Finished\_No"=sum(  
 c(VPK$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(VPK$Screener) %in% c("Yes","Sí")) &   
 !(c(VPK$Finished)=="True"),na.rm = TRUE))  
}))  
  
write.csv(Table1\_VPK,"Table1\_VPK.csv")  
  
#################################################################################################################################  
  
Table1\_SR=t(sapply(c("Statewide",unique(c(data$SRCombined$CountyOfResidence))),function(county){  
 if(county!="Statewide"|is.na(county)){  
 if(is.na(county)){  
 SR=data$SRCombined[is.na(data$SRCombined$CountyOfResidence),]}  
 else{  
 SR=data$SRCombined[which(data$SRCombined$CountyOfResidence==county),]}}  
 else{SR=data$SRCombined}  
   
   
 c(#"County"=county,  
 "Consented\_Yes"=sum(c(SR$Consent) %in% c("I agree to participate.","Acepto participar."),na.rm = TRUE),  
 "Consented\_No"=sum(!(c(SR$Consent) %in% c("I agree to participate.","Acepto participar.")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes"=sum(  
 c(SR$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(SR$Screener) %in% c("Yes","Sí")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_No"=sum(  
 c(SR$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 !(c(SR$Screener) %in% c("Yes","Sí")),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes\_Finished\_Yes"=sum(  
 c(SR$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(SR$Screener) %in% c("Yes","Sí")) &   
 (c(SR$Finished)=="True"),na.rm = TRUE),  
 "Consented\_Yes\_Screened\_Yes\_Finished\_No"=sum(  
 c(SR$Consent) %in% c("I agree to participate.","Acepto participar.") &  
 (c(SR$Screener) %in% c("Yes","Sí")) &   
 !(c(SR$Finished)=="True"),na.rm = TRUE))  
}))  
  
write.csv(Table1\_SR,"Table1\_SR.csv")

## Trim Data to include those who are Consented and Screened.

# SREnglish=SREnglish[(SREnglish$Consent=="I agree to participate." & SREnglish$Screener=="Yes"),]  
# SRSpanish=SRSpanish[SRSpanish$Consent=="Acepto participar." & SRSpanish$Screener=="Sí",]  
# VPKEnglish=VPKEnglish[(VPKEnglish$Consent=="I agree to participate." & VPKEnglish$Screener=="Yes"),]  
# VPKSpanish=VPKSpanish[(VPKSpanish$Consent=="Acepto participar." & VPKSpanish$Screener=="Sí"),]  
  
#```  
  
  
data$SRCombined=data$SRCombined[(data$SRCombined$Consent %in% c("I agree to participate.","Acepto participar.") & data$SRCombined$Screener %in% c("Yes","Sí")),]  
  
  
data$VPKCombined=data$VPKCombined[(data$VPKCombined$Consent %in% c("I agree to participate.","Acepto participar.") & data$VPKCombined$Screener %in% c("Yes","Sí")),]  
  
  
sapply(data,  
 simplify = FALSE, USE.NAMES = TRUE, function(d){  
rbind(  
"Didn't Consent"=table(factor((d$Consent!="I agree to participate." & d$Consent!="Acepto participar."), levels=c(T,F))),  
"Failed Screener"=table(factor((d$Screener!="Yes" & d$Screener!="Sí"), levels=c(T,F))),  
"Survey Incomplete"=table(factor((d$Finished!="True"), levels=c(T,F))),  
"Dup IP"=table(factor((duplicated(d$IP.Address)), levels=c(T,F))),  
"Dup Location"=table(factor((duplicated(d$Location.Latitude)&duplicated(d$Location.Longitude)), levels=c(T,F))),  
"Any Dup"=table(factor((duplicated(d$IP.Address)&(d$Finished=="False")|  
(duplicated(d$Location.Latitude)&duplicated(d$Location.Longitude))), levels=c(T,F)))  
)})

## $SRCombined  
## TRUE FALSE  
## Didn't Consent 0 90  
## Failed Screener 0 90  
## Survey Incomplete 1 89  
## Dup IP 0 90  
## Dup Location 0 90  
## Any Dup 0 90  
##   
## $VPKCombined  
## TRUE FALSE  
## Didn't Consent 0 405  
## Failed Screener 0 405  
## Survey Incomplete 1 404  
## Dup IP 0 405  
## Dup Location 0 405  
## Any Dup 0 405

# Recoding Time Variable

#Provider opening/closing time recoding  
  
dataSRCombinedProviderClosesPM=data$SRCombined$ProviderClosesPM  
dataSRCombinedProviderOpensAM=data$SRCombined$ProviderOpensAM  
  
dataVPKCombinedProviderClosesPM=data$VPKCombined$ProviderClosesPM  
dataVPKCombinedProviderOpensAM=data$VPKCombined$ProviderOpensAM  
  
  
for(d in c("SRCombined","VPKCombined")){  
for(var in c("ProviderOpensAM","ProviderClosesPM")){  
  
# remove leading zeroes   
data[[d]][,var]=gsub("^0","",data[[d]][,var])  
  
# remove leading spaces   
data[[d]][,var]=gsub("^\\s+","",data[[d]][,var])  
  
# remove trailing spaces   
data[[d]][,var]=gsub("\\s+$","",data[[d]][,var])  
  
# remove "hours"   
data[[d]][,var]=gsub("hours","",data[[d]][,var])  
  
# swap "." for ":"   
data[[d]][,var]=gsub("\\.",":",data[[d]][,var])  
  
# swap ";" for ":"   
data[[d]][,var]=gsub("\\;",":",data[[d]][,var])  
  
# swap ":AM" for ":00"   
data[[d]][,var]=gsub("\\:AM",":00",data[[d]][,var])  
  
# adjust from 24h->12h  
data[[d]][,var][grep("^1[3-9]",data[[d]][,var])]=paste0(as.numeric(substr(data[[d]][,var][grep("^1[3-9]",data[[d]][,var])],1,2))-12,substring(data[[d]][,var][grep("^1[3-9]",data[[d]][,var])],3))  
  
# first numeric only  
data[[d]][,var][grep("^[1-9]$|^[1-9]-",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[1-9]$|^[1-9]-",data[[d]][,var])],1,1),":00")  
  
# two numeric only  
data[[d]][,var][grep("^[1-9][0-9]$|^[1-9][0-9]-",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[1-9][0-9]$|^[1-9][0-9]-",data[[d]][,var])],1,2),":00")  
  
# first numeric if followed by alpha, trim  
data[[d]][,var][grep("^[0-9][[:alpha:]]|^[0-9]\\s[[:alpha:]]",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[0-9][[:alpha:]]|^[0-9]\\s[[:alpha:]]",data[[d]][,var])],1,1),":00")  
  
# first numeric if followed by alpha, trim  
data[[d]][,var][grep("^[1-9][0-9][[:alpha:]]+|^[1-9][0-9]\\s[[:alpha:]]+",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[1-9][0-9][[:alpha:]]+|^[1-9][0-9]\\s[[:alpha:]]+",data[[d]][,var])],1,2),":00")  
  
# first numeric if followed by alpha, trim  
data[[d]][,var][grep("^[1-9][0-9][[:alpha:]]|^[1-9][0-9]\\s[[:alpha:]]",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[1-9][0-9][[:alpha:]]|^[1-9][0-9]\\s[[:alpha:]]",data[[d]][,var])],1,2),":00")  
  
  
# if numeric not followed by : then two numerics  
data[[d]][,var][grep("^[1-9]:[0-9][0-9]\*",data[[d]][,var])]=substr(data[[d]][,var][grep("^[1-9]:[0-9][0-9]\*",data[[d]][,var])],1,4)  
  
# if only alpha (non-numeric)  
data[[d]][,var][grep("^[[:alpha:]]+$",data[[d]][,var])]=NA  
  
#if numeric & another numeric  
data[[d]][,var][grep("^[1-9][0-9][0-9]",data[[d]][,var])]=paste0(substr(data[[d]][,var][grep("^[1-9][0-9][0-9]",data[[d]][,var])],1,1),":",substr(data[[d]][,var][grep("^[1-9][0-9][0-9]",data[[d]][,var])],2,3))  
  
}}  
  
   
# unique(data$SRCombined$ProviderClosesPM)  
# unique(data$SRCombined$ProviderOpensAM)  
  
# unique(data$VPKCombined$ProviderClosesPM)  
# unique(data$VPKCombined$ProviderOpensAM)  
  
# View(cbind(dataSRCombinedProviderClosesPM, data$SRCombined$ProviderClosesPM))  
# View(cbind(dataSRCombinedProviderOpensAM, data$SRCombined$ProviderOpensAM))  
#   
# View(cbind(dataVPKCombinedProviderClosesPM, data$VPKCombined$ProviderClosesPM))  
# View(cbind(dataVPKCombinedProviderOpensAM, data$VPKCombined$ProviderOpensAM))

## Recoding Response Options

for(var in unique(names(SRSpanish),names(VPKSpanish))){  
 if(var %in% names(SRSpanish)){  
 SRSpanish[,var] %in% SRSpanish[,var]  
   
 }  
   
 if(var %in% names(VPKSpanish)){  
   
   
 }  
   
  
}  
  
  
#consent  
data=lapply(data, function(d){  
 print(dim(d))  
 print(class(d))  
d[d=="Acepto participar."]="I agree to participate."   
  
d[d=="Sí"]="Yes"  
  
d[d=="Mis circunstancias cambiaron y ya no necesitaba los servicios."]="My circumstances changed, and I no longer needed services."   
  
d[d=="Tuve problemas para encontrar un proveedor que satisficiera mis necesidades."]="I had trouble finding a provider that met my needs."  
  
d[d=="Ya no era elegible para el programa de \"Florida School Readiness\" (subsidio de ELC)."]="I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy)."   
  
d[d=="Encontré familiares/amigos que me ayudaron con el cuidado de los niños."]="I found family/friends to help with childcare."  
  
d[d=="Los proveedores disponibles eran demasiado caros.\n"]= "Available providers were too expensive."  
  
d[d=="5 o más niños"]="5 or more children"  
  
d[grep("[2-9] niños",d)]=gsub("niños","children",unlist(d[grep("[2-9] niños",d)]))  
  
d[grep("1 niño",d)]=gsub("niño","child ",unlist(d[grep("1 niño",d)]))  
  
d[grep("Menos de 1 año",d)]=gsub("Menos de 1 año","Less than 1 year-old",unlist(d[grep("Menos de 1 año",d)]))  
  
d[grep("6 años o más",d)]=gsub("6 años o más","6-years-old or older ",unlist(d[grep("6 años o más",d)]))  
  
d[grep("[1-9] años",d)]=gsub(" años","-year-old ",unlist(d[grep("[1-9] años",d)]))  
  
d[d=="La escuela de mis otros hijos/hijas"]="My other children’s school "  
  
d[d=="Casa"]="Home"  
  
d[d=="Trabajo"]="Work "  
  
d[d=="Familiares"]="Relatives "  
  
d[d=="Otra ubicación"]="Other location "  
  
d[d=="Viaje compartido con amigos, familiares o compañeros de trabajo\n"]="Carpool with friends, family, or coworkers "  
  
d[d=="Menos de 5 minutos"]="Less than 5 minutes"  
  
d[d=="Divorciados/Separados"]="Divorced/Separated "  
  
d[d=="Nada bien"]="Not well"  
  
d[d=="Bien"]="Well"  
  
d[grep("[0-9] a [1-9]",d)]=gsub(  
 " a "," to ",unlist(d[grep("[0-9] a [1-9]",d)]))  
  
d[d=="10 to 20 minutes "]="10 to 20 minutes"  
  
d[d=="5 to 10 minutes " ]="5 to 10 minutes"  
  
d[d=="Algunos créditos universitarios pero sin título"]= "Some college credit but no degree "  
  
d[d=="Octavo grado o menos"]= "8th grade or less "  
  
d[d=="Empleado/a tiempo completo"]= "Employed full-time "  
  
d[d=="Sí"]= "Yes"  
  
d[d=="Hispano o Latino"]= "Hispanic or Latino"  
  
d[d=="No Hispano ni Latino"]="Not Hispanic or Latino"  
  
d[d=="Blanco"]="White"  
  
d[d=="Negro o afroamericano"]="Black or African American"  
  
d[d=="Otro"]="Other"  
  
  
########  
d[d=="No tuve ningún problema."]="I did not experience any challenges."  
d[d=="Soltero/a" ]="Single"  
d[d=="Espanol"]="Spanish"  
d[d=="No Aplica"|d=="No Aplica."|d=="No aplica."]="Not applicable"   
d[d=="Los proveedores disponibles eran demasiado caros.\n"]=   
d[d=="Blanco"]="White"  
d[d=="Otro"]="Other"  
d[d=="No sé/Prefiero no responder"]="I don’t know/prefer not to respond"  
d[d=="Empleado/a tiempo parcial"]="Employed part-time "   
d[d=="Tareas del hogar (sin pago)"]="Homemaking (not paid) "  
d[d=="Prefiero no decir"]="Prefer not to say "  
d[d=="Buscando oportunidades laborales"]="Seeking job opportunities "  
d[d=="Retirado/a"]="Retired "  
d[d=="Título asociado (AA, AS)"]="Associate degree (AA, AS) "  
d[d=="Título de posgrado o profesional"]= "Graduate or professional degree"  
d[d=="Algo de preparatoria (high school), pero no se graduó"]= "9th-12th grade (no high school diploma) "  
d[d=="Graduado/a de preparatoria o GED"]="High school graduate or GED completed "  
d[d=="Título bachiller (BA, BS, AB)"]="Bachelor’s degree (BA, BS, AB) "  
d[d=="Prefiero no contestar"]="Prefer not to answer "   
d[d=="Menos de $14,000"]="Less than $14,000 "  
d[d=="$100,000 o más"]="$100,000 or more "  
d[d=="Más de $150"]="Greater than $150 "  
d[d=="No muy bien"]="Not well"  
d[d=="Muy bien"]="Very well"  
d[d=="Español"]="Spanish"  
d[d=="Inglés"]="English "   
d[d=="Criollo haitiano"]="Haitian Creole "  
d[d=="Portugués"]="Spanish "  
d[d=="Casado/a"]="Married"  
d[d=="Pareja, no casado/a"]="Living with partner in same household "  
d[d=="5 to 10 minutos"]="5 to 10 minutes"  
d[d=="10 to 20 minutos"]="10 to 20 minutes"  
d[d=="20 to 30 minutos"]="20 to 30 minutes"  
d[d=="Vehículo motorizado personal\n"]="Personal motor vehicle "  
d[d=="Viaje compartido pagado (por ejemplo: Uber, Lyft, etc.)\n"]="Paid rideshare (for example: Uber, Lyft, etc.) "  
d[d=="Autobús o otro transporte público"]="Bus or other public transportation "  
d[d=="Caminar"]="Walking "   
d[d=="Bicicleta"]="Bicycle"  
d[d=="Decidí quedarme en casa con mi hijo."]="I decided to stay home with my child."  
d[d=="Decidí que mi hijo se quedara con familiares/amigos."]="I decided to have my child stay with family/friends."  
d[d=="Encontré arreglos alternativos de educación preescolar sin usar VPK."]="I found alternative Pre-K arrangements without using VPK."  
d[d=="Me mudé."]="I moved."  
d[d=="Quería inscribir a mi hijo en un nuevo proveedor que no participaba en VPK."]="I wanted to enroll my child at a new provider who did not participate in VPK."  
d[d=="Tengo la intención de inscribirme más tarde."]="I intend to enroll later."  
d[d=="Quería atención de día completo y no podía pagar el resto del día."]="I wanted full-day care and could not afford to pay for the rest of the day."  
d[d=="Quería quedarme con mi proveedor actual y ellos no participan en VPK."]="I wanted to stay at my current provider, and they did not participate in VPK."  
d[d=="Quería quedarme con mi proveedor actual y ellos no participan en el programa de “Florida School Readiness” (subsidio de ELC)."]="I wanted to stay at my current childcare provider who did not participate in the Florida School Readiness program (ELC voucher/subsidy)."  
d[d=="Tuve problemas para encontrar un proveedor de VPK que satisficiera mis necesidades." ]="I had trouble finding a VPK provider that met my needs."  
  
  
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## [407] "2023-11-27 23:16:53"   
## [408] "2023-12-02 20:29:41"   
## [409] "2023-12-04 12:19:23"   
## [410] "2023-12-09 07:24:25"   
## [411] "R\_27vY861jwW8Y0oE"   
## [412] "R\_AifNIC0UOd54QQ9"   
## [413] "R\_1d5BizqbCgssthk"   
## [414] "R\_2pQXmcZzyGcpfQz"   
## [415] "R\_u4zDjydvTzOqIj7"   
## [416] "R\_2zd8wjTNmaRXXZE"   
## [417] "R\_2V2vxRXHlb7vJiG"   
## [418] "R\_YXKhXk72QVPWfx7"   
## [419] "R\_1zEmumQ2xZfWhix"   
## [420] "R\_5vFuiCpdFomQ3VD"   
## [421] "R\_eEv3xpaqICWCsXn"   
## [422] "R\_cSnlNi04qdp9Zmh"   
## [423] "R\_3iVd5ovSvxIJY7d"   
## [424] "R\_cIPJzWqb1Gne9IR"   
## [425] "R\_2BqW4iom9qJdsOe"   
## [426] "R\_1ewMQLLL434rj38"   
## [427] "R\_3kKRh8YRW1zQvuI"   
## [428] "R\_1LdsczUZioj9Mjz"   
## [429] "R\_qFwBf237p2Zbhdv"   
## [430] "R\_1H6NiKyWzbMflIu"   
## [431] "R\_2VCjDj2tQYoqAUx"   
## [432] "R\_2V9GlVsPvovFw1X"   
## [433] "R\_2xF8lctD9UijSrC"   
## [434] "R\_AbSnmhKUUowhqrn"   
## [435] "R\_3CCqUOhZ04h0qKr"   
## [436] "R\_3lSMDnitpqB5YPV"   
## [437] "R\_2zBiZsrZZc4kV4c"   
## [438] "R\_3hF7gljqaflMLNp"   
## [439] "R\_12rMo7p9LIOPHZm"   
## [440] "R\_2fcUpfBVPXR7qHL"   
## [441] "R\_1Qi2UB5pxX4o421"   
## [442] "R\_2fl1Qbea67SOUo3"   
## [443] "R\_cCtUbStya9hfDNf"   
## [444] "R\_23f15eyBtX0jjjP"   
## [445] "R\_1BV3aXOx4VLY1xI"   
## [446] "R\_2vYA4IMhcWSgEew"   
## [447] "R\_zZsgIlVxWRZ4gG5"   
## [448] "R\_DOUuB1jolR5A5aN"   
## [449] "R\_1FqV76hQ9U5NNw2"   
## [450] "R\_1M3urgho39tiVOh"   
## [451] "R\_21oZdhsASVpaYZD"   
## [452] "R\_1H0rPZ4Bgg6kPp0"   
## [453] "R\_2bNxd0nIte8jfyW"   
## [454] "R\_3LXbnzi9zz761bz"   
## [455] "R\_1HpKt4YNDDjX0fD"   
## [456] "R\_r78z3biw8t5Z56N"   
## [457] "R\_1lztt7Bft9iB0Ac"   
## [458] "R\_V1IVoDE2gxgXJfz"   
## [459] "R\_1Hi1Jtby8joVRQ4"   
## [460] "R\_27lfWNIrrcZzbuq"   
## [461] "R\_2eX5Y4VCkaiWdh3"   
## [462] "R\_2U3CMj8AhmGNpuk"   
## [463] "R\_WAKYkGLYL0mUiVb"   
## [464] "R\_3qXd4jMtbVQfbYb"   
## [465] "R\_12hWBGN0UALTjyB"   
## [466] "R\_2wmGbnwwoglMVWN"   
## [467] "R\_1oAwK7BbjajMmyF"   
## [468] "R\_2w0w2v1SI5CII6Y"   
## [469] "R\_2bKJOnmrllgJWVj"   
## [470] "R\_2rvhZdZnmVt4O1O"   
## [471] "R\_3EYFbIdHa2RdNGE"   
## [472] "R\_yxYG81zFuI89ZZf"   
## [473] "R\_2ZQzavdHJTBm2N7"   
## [474] "R\_1EZro6tSFlZ96Cq"   
## [475] "R\_29cZ8EInge1NGTP"   
## [476] "R\_6fHjZjTA3McovSN"   
## [477] "R\_1ez686quj6TA0Hm"   
## [478] "R\_yjsh2e17tx1KoIV"   
## [479] "R\_1oHfPUrP70BIjox"   
## [480] "R\_3L5aK3lfGSIjpt6"   
## [481] "R\_30ufd48PUGMTSCa"   
## [482] "R\_9mfyKlw5a9j15i9"   
## [483] "R\_24HRaIoJn8kLzp5"   
## [484] "R\_3gS0xw8CDXKO4EC"   
## [485] "R\_2OPYPnqy6ZtHRda"   
## [486] "R\_31z6szsjrRXB02A"   
## [487] "R\_10uzTqfz1WPmCKZ"   
## [488] "R\_2f9jwBHHqwfoND7"   
## [489] "R\_RQYVpnd5SVqJRrb"   
## [490] "R\_OvBrCByipglxk6R"   
## [491] "R\_1MTkp58VSIbkoip"   
## [492] "R\_1NzcjK4LTqZoooR"   
## [493] "R\_1oCn0gkmA356Dtj"   
## [494] "R\_2EyhHzueVc0aH5j"   
## [495] "R\_10Zxb9KqOwaMgfB"   
## [496] "R\_2YECkRnarC5XUU5"   
## [497] "R\_3jcUjT4ABvs36tS"   
## [498] "R\_8kTy9gBoaxoxJoB"   
## [499] "R\_10OA5kQEAcG0UE7"   
## [500] "R\_8ukYl2Wnd7QRVtv"   
## [501] NA   
## [502] "26.6642"   
## [503] "27.9906"   
## [504] "41.8764"   
## [505] "29.2007"   
## [506] "26.1167"   
## [507] "26.455"   
## [508] "28.0206"   
## [509] "28.0366"   
## [510] "27.5984"   
## [511] "25.8132"   
## [512] "27.9455"   
## [513] "26.9146"   
## [514] "30.3562"   
## [515] "27.9883"   
## [516] "28.6344"   
## [517] "30.6701"   
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## [521] "26.6207"   
## [522] "27.9654"   
## [523] "28.5815"   
## [524] "33.7485"   
## [525] "28.4883"   
## [526] "28.4775"   
## [527] "29.6669"   
## [528] "30.4462"   
## [529] "28.2365"   
## [530] "26.2281"   
## [531] "25.9562"   
## [532] "26.737"   
## [533] "26.9835"   
## [534] "28.0508"   
## [535] "27.935"   
## [536] "27.9448"   
## [537] "28.8928"   
## [538] "30.6215"   
## [539] "27.96"   
## [540] "28.3939"   
## [541] "28.3526"   
## [542] "32.3012"   
## [543] "26.1934"   
## [544] "28.5177"   
## [545] "30.0035"   
## [546] "29.5554"   
## [547] "27.3407"   
## [548] "28.5436"   
## [549] "25.8119"   
## [550] "30.3478"   
## [551] "30.3498"   
## [552] "26.5355"   
## [553] "28.0699"   
## [554] "26.782"   
## [555] "29.6436"   
## [556] "35.9746"   
## [557] "27.3269"   
## [558] "30.3122"   
## [559] "26.9901"   
## [560] "25.7869"   
## [561] "27.7052"   
## [562] "26.7172"   
## [563] "33.5226"   
## [564] "26.1374"   
## [565] "30.4566"   
## [566] "25.7846"   
## [567] "26.6462"   
## [568] "29.2575"   
## [569] "30.2755"   
## [570] "30.6617"   
## [571] "27.9032"   
## [572] "25.8906"   
## [573] "27.947"   
## [574] "28.0167"   
## [575] "29.6138"   
## [576] "30.7617"   
## [577] "37.751"   
## [578] "25.7793"   
## [579] "26.6598"   
## [580] "30.4594"   
## [581] "29.1565"   
## [582] "29.2353"   
## [583] "26.6875"   
## [584] "30.6922"   
## [585] "26.5991"   
## [586] "34.0014"   
## [587] "27.4843"   
## [588] "26.1481"   
## [589] "25.8959"   
## [590] "26.935"   
## [591] "-80.1732"   
## [592] "-82.7455"   
## [593] "-87.6133"   
## [594] "-81.0388"   
## [595] "-80.1286"   
## [596] "-80.1076"   
## [597] "-82.4574"   
## [598] "-80.5808"   
## [599] "-81.4988"   
## [600] "-80.1862"   
## [601] "-82.4598"   
## [602] "-82.0559"   
## [603] "-81.688"   
## [604] "-82.2991"   
## [605] "-81.6221"   
## [606] "-81.4658"   
## [607] "-82.5164"   
## [608] "-82.4938"   
## [609] "-81.3672"   
## [610] "-81.8741"   
## [611] "-82.4307"   
## [612] "-81.485"   
## [613] "-84.3871"   
## [614] "-81.4061"   
## [615] "-82.571"   
## [616] "-81.6579"   
## [617] "-87.2624"   
## [618] "-82.3289"   
## [619] "-80.1648"   
## [620] "-80.1828"   
## [621] "-80.2758"   
## [622] "-82.1319"   
## [623] "-82.4484"   
## [624] "-82.3772"   
## [625] "-82.2409"   
## [626] "-81.7852"   
## [627] "-81.5914"   
## [628] "-82.4614"   
## [629] "-81.4216"   
## [630] "-82.6301"   
## [631] "-90.1834"   
## [632] "-81.7614"   
## [633] "-81.4508"   
## [634] "-90.0607"   
## [635] "-81.2207"   
## [636] "-82.5174"   
## [637] "-81.3738"   
## [638] "-80.2318"   
## [639] "-81.6493"   
## [640] "-87.1655"   
## [641] "-80.1098"   
## [642] "-81.8107"   
## [643] "-80.0653"   
## [644] "-82.3231"   
## [645] "-83.9052"   
## [646] "-82.5433"   
## [647] "-81.7243"   
## [648] "-82.0947"   
## [649] "-80.2021"   
## [650] "-82.3136"   
## [651] "-80.9492"   
## [652] "-86.8033"   
## [653] "-80.1684"   
## [654] "-84.3223"   
## [655] "-80.233"   
## [656] "-81.8455"   
## [657] "-82.1588"   
## [658] "-81.5815"   
## [659] "-87.048"   
## [660] "-82.2911"   
## [661] "-80.1784"   
## [662] "-82.7943"   
## [663] "-82.1359"   
## [664] "-82.386"   
## [665] "-86.5883"   
## [666] "-97.822"   
## [667] "-80.2088"   
## [668] "-80.2429"   
## [669] "-87.2075"   
## [670] "-82.2095"   
## [671] "-81.0704"   
## [672] "-80.6708"   
## [673] "-88.0425"   
## [674] "-80.1284"   
## [675] "-84.0144"   
## [676] "-82.5813"   
## [677] "-80.309"   
## [678] "-80.1178"   
## [679] "anonymous"   
## [680] "EN"   
## [681] "ES"   
## [682] "I agree to participate."   
## [683] "Yes"   
## [684] "Palm Beach"   
## [685] "Pasco"   
## [686] "Sarasota"   
## [687] "Monroe"   
## [688] "Broward"   
## [689] "Marion"   
## [690] "Brevard"   
## [691] "Highlands"   
## [692] "Miami-Dade"   
## [693] "Hillsborough"   
## [694] "Charlotte"   
## [695] "Duval"   
## [696] "Leon"   
## [697] "St. Johns"   
## [698] "Polk"   
## [699] "Lee"   
## [700] "Hernando"   
## [701] "Putnam"   
## [702] "Escambia"   
## [703] "Nassau"   
## [704] "Collier"   
## [705] "Orange"   
## [706] "Santa Rosa"   
## [707] "Flagler"   
## [708] "Seminole"   
## [709] "Manatee"   
## [710] "Clay"   
## [711] "Glades"   
## [712] "Pinellas"   
## [713] "Alachua"   
## [714] "Okaloosa"   
## [715] "Volusia"   
## [716] "I had trouble finding a provider that met my needs."   
## [717] "My circumstances changed, and I no longer needed childcare for my child(ren)."   
## [718] "I wanted to stay at my current childcare provider who did not participate in the Florida School Readiness program (ELC voucher/subsidy)."   
## [719] "Other"   
## [720] "I moved."   
## [721] "I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy)."   
## [722] "I decided to stay home with my child."   
## [723] "I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy).,Other"   
## [724] "I found family/friends to help with childcare.,I decided to stay home with my child.,Other"   
## [725] "I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy).,Other"   
## [726] "I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy)."   
## [727] "I found family/friends to help with childcare.,I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy)."   
## [728] "I moved.,I decided to stay home with my child.,Other"   
## [729] "I found family/friends to help with childcare."   
## [730] "Ya no era elegible para el programa de “Florida School Readiness” (subsidio de ELC)."   
## [731] "I could not find a provider with openings to serve my child/children."   
## [732] "Available providers were too expensive."   
## [733] "Available providers were not conveniently located."   
## [734] "None of the available providers were a good fit for my needs."   
## [735] "Available providers were too expensive.,Available providers were not open during the hours I needed."   
## [736] "I did not experience any challenges."   
## [737] "Available providers were not conveniently located.,Available providers were not high quality.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [738] "Available providers were not high quality."   
## [739] "Available providers were not open during the hours I needed.,Available providers were not high quality.,Available providers did not speak my preferred language.,None of the available providers were a good fit for my needs."  
## [740] "Available providers were too expensive.,Available providers were not conveniently located.,Available providers were not high quality."   
## [741] "Available providers were too expensive.,Available providers were not open during the hours I needed.,I did not feel comfortable with any available providers."   
## [742] "Available providers were too expensive.,Available providers were not high quality.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [743] "Available providers were not high quality.,Other"   
## [744] "Available providers were not open during the hours I needed."   
## [745] "Available providers were not conveniently located.,Other"   
## [746] "Available providers were too expensive.,Available providers were not conveniently located."   
## [747] "3"   
## [748] "4"   
## [749] "2"   
## [750] "1"   
## [751] "5"   
## [752] "6"   
## [753] "1 child "   
## [754] "4 children "   
## [755] "2 children "   
## [756] "3 children "   
## [757] "5 or more children "   
## [758] "2 children"   
## [759] "$25-50 "   
## [760] "$75-100 "   
## [761] "$0-25 "   
## [762] "$50-75 "   
## [763] "$100-150 "   
## [764] "Greater than $150 "   
## [765] "6-years-old or older "   
## [766] "4-year-old "   
## [767] "Less than 1 year-old"   
## [768] "2-year-old "   
## [769] "3-year-old ,4-year-old ,5-year-old ,6-years-old or older "   
## [770] "Less than 1 year-old,5-year-old "   
## [771] "Less than 1 year-old,4-year-old "   
## [772] "5-year-old ,6-years-old or older "   
## [773] "Not Applicable"   
## [774] "2-year-old ,5-year-old "   
## [775] "1-year-old "   
## [776] "3-year-old "   
## [777] "Less than 1 year-old,5-year-old ,6-years-old or older "   
## [778] "5-year-old "   
## [779] "Less than 1 year-old,4-year-old ,6-years-old or older "   
## [780] "Less than 1 year-old,1-year-old ,2-year-old ,3-year-old "   
## [781] "3-year-old ,4-year-old "   
## [782] "Less than 1 year-old,1-year-old "   
## [783] "2-year-old ,3-year-old "   
## [784] "3-year-old ,5-year-old "   
## [785] "2-year-old ,6-years-old or older "   
## [786] "1-year-old ,3-year-old "   
## [787] "4-year-old ,5-year-old "   
## [788] "4-year-old ,6-years-old or older "   
## [789] "Less than 1 year-old,1-year-old ,2-year-old ,4-year-old "   
## [790] "Not applicable"   
## [791] "Home "   
## [792] "Work "   
## [793] "Other location "   
## [794] "My other children’s school "   
## [795] "Relatives "   
## [796] "Home"   
## [797] "Personal motor vehicle "   
## [798] "Walking "   
## [799] "Bus or other public transportation "   
## [800] "Carpool with friends, family, or coworkers "   
## [801] "Paid rideshare (for example: Uber, Lyft, etc.)"   
## [802] "5 to 10 minutes"   
## [803] "Less than 5 minutes"   
## [804] "10 to 20 minutes"   
## [805] "20 to 30 minutes"   
## [806] "6:00"   
## [807] "7:00"   
## [808] "8:00"   
## [809] "24 "   
## [810] "8:30"   
## [811] "7:30"   
## [812] ""   
## [813] "6:30"   
## [814] "9:00"   
## [815] "2:30"   
## [816] "5:00"   
## [817] "7:49"   
## [818] "3:00"   
## [819] "11:00"   
## [820] "10:00"   
## [821] "5:30"   
## [822] "1:00"   
## [823] "4:00"   
## [824] "1:20"   
## [825] "6+"   
## [826] "Divorced/Separated "   
## [827] "Single"   
## [828] "Living with partner in same household"   
## [829] "Married "   
## [830] "Widowed "   
## [831] "Married"   
## [832] "English "   
## [833] "Chinese (incl. Mandarin, Cantonese) "   
## [834] "Haitian Creole "   
## [835] "Russian "   
## [836] "Spanish"   
## [837] "Very well"   
## [838] "Well"   
## [839] "Not well"   
## [840] "$40,000 to $49,000 "   
## [841] "$30,000 to $39,000 "   
## [842] "Less than $14,000 "   
## [843] "Prefer not to answer "   
## [844] "$15,000 to 19,000 "   
## [845] "$50,000 to $74,000 "   
## [846] "$20,000 to 29,000 "   
## [847] "$20,000 to 29,000"   
## [848] "$30,000 to $39,000"   
## [849] "$15,000 to 19,000"   
## [850] "Graduate or professional degree"   
## [851] "Some college credit but no degree "   
## [852] "High school graduate or GED completed "   
## [853] "9th-12th grade (no high school diploma) "   
## [854] "Associate degree (AA, AS) "   
## [855] "Bachelor’s degree (BA, BS, AB) "   
## [856] "8th grade or less "   
## [857] "Employed full-time "   
## [858] "Employed part-time "   
## [859] "Seeking job opportunities "   
## [860] "Prefer not to say "   
## [861] "Homemaking (not paid) "   
## [862] "Retired "   
## [863] "No"   
## [864] "Not Hispanic or Latino"   
## [865] "Prefer not to answer"   
## [866] "Hispanic or Latino"   
## [867] "I don’t know/prefer not to respond"   
## [868] "Black or African American"   
## [869] "Black or African American,White,Other"   
## [870] "White"   
## [871] "Black or African American,White"   
## [872] "Black or African American,Other"   
## [873] "Native Hawaiian or Other Pacific Islander"   
## [874] "Asian"   
## [875] "American Indian or Alaska Native"

unique(unlist(data$VPKCombined[,18:ncol(data$VPKCombined)]))

## [1] "I agree to participate."   
## [2] "Yes"   
## [3] "Duval"   
## [4] "Wakulla"   
## [5] "Pasco"   
## [6] "Brevard"   
## [7] "Seminole"   
## [8] "Volusia"   
## [9] "Broward"   
## [10] "Polk"   
## [11] "Hillsborough"   
## [12] "Putnam"   
## [13] "Miami-Dade"   
## [14] "Lee"   
## [15] "Osceola"   
## [16] "Okaloosa"   
## [17] "Palm Beach"   
## [18] "St. Lucie"   
## [19] "Columbia"   
## [20] "Orange"   
## [21] "Highlands"   
## [22] "Leon"   
## [23] "Manatee"   
## [24] "Santa Rosa"   
## [25] "Hernando"   
## [26] "Sarasota"   
## [27] "Marion"   
## [28] "Taylor"   
## [29] "Collier"   
## [30] "Dixie"   
## [31] "Lake"   
## [32] "Escambia"   
## [33] "Alachua"   
## [34] "St. Johns"   
## [35] "Sumter"   
## [36] "Pinellas"   
## [37] "Martin"   
## [38] "Citrus"   
## [39] "Flagler"   
## [40] "Bay"   
## [41] "Jackson"   
## [42] "Walton"   
## [43] "Clay"   
## [44] "Charlotte"   
## [45] "Gadsden"   
## [46] "Okeechobee"   
## [47] "Monroe"   
## [48] "Lafayette"   
## [49] "Nassau"   
## [50] "Indian River"   
## [51] "Washington"   
## [52] "Franklin"   
## [53] "I had trouble finding a VPK provider that met my needs."   
## [54] "My circumstances changed, and I no longer needed services."   
## [55] "I wanted to stay at my current provider, and they did not participate in VPK."   
## [56] "I wanted full-day care and could not afford to pay for the rest of the day."   
## [57] "I intend to enroll later."   
## [58] "I wanted to enroll my child at a new provider who did not participate in VPK."   
## [59] "Not Applicable."   
## [60] "Other"   
## [61] "I moved."   
## [62] "I found alternative Pre-K arrangements without using VPK."   
## [63] "I decided to stay home with my child."   
## [64] "I decided to have my child stay with family/friends."   
## [65] "I decided to stay home with my child.,I found alternative Pre-K arrangements without using VPK."   
## [66] "I moved.,I decided to stay home with my child."   
## [67] "I decided to have my child stay with family/friends.,Other"   
## [68] "I decided to have my child stay with family/friends.,I decided to stay home with my child."   
## [69] "I decided to have my child stay with family/friends.,I decided to stay home with my child.,I found alternative Pre-K arrangements without using VPK.,Other"   
## [70] "I moved.,I found alternative Pre-K arrangements without using VPK."   
## [71] "I found alternative Pre-K arrangements without using VPK.,Other"   
## [72] "I moved.,Other"   
## [73] "Not applicable"   
## [74] "There were no public school providers available with open slots."   
## [75] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no public school providers available with open slots."   
## [76] "I did not experience any challenges."   
## [77] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [78] "Available providers were not conveniently located. ,There were no public school providers available with open slots."   
## [79] "None of the available providers were a good fit for my needs."   
## [80] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [81] "Available providers were not conveniently located. "   
## [82] "There were no private school providers available with open slots."   
## [83] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,Other"   
## [84] "Available providers were too expensive. ,There were no public school providers available with open slots."   
## [85] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [86] "Available providers were not high quality. "   
## [87] "Available providers were too expensive. ,None of the available providers were a good fit for my needs.,Other"   
## [88] "I did not feel comfortable with any available providers."   
## [89] "Available providers did not speak my preferred language. ,I did not feel comfortable with any available providers.,Other"   
## [90] "There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [91] "Available providers were not high quality. ,There were no private school providers available with open slots."   
## [92] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [93] "Available providers were not open during the hours I needed. "   
## [94] "Available providers were not conveniently located. ,Available providers were not high quality. "   
## [95] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [96] "Available providers were not high quality. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [97] "Available providers were too expensive. ,Available providers were not conveniently located. "   
## [98] "There were no private school providers available with open slots.,I did not feel comfortable with any available providers.,Other"   
## [99] "There were no public school providers available with open slots.,Other"   
## [100] "Available providers were not conveniently located. ,Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [101] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [102] "There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [103] "Available providers did not speak my preferred language. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [104] "Available providers were not high quality. ,I did not feel comfortable with any available providers.,Other"   
## [105] "There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [106] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no public school providers available with open slots."   
## [107] "Available providers were too expensive. "   
## [108] "Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [109] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [110] "Available providers were not conveniently located. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs."   
## [111] "Available providers were too expensive. ,Available providers were not open during the hours I needed. "   
## [112] "None of the available providers were a good fit for my needs.,Other"   
## [113] "Available providers were not open during the hours I needed. ,Available providers were not high quality. "   
## [114] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [115] "There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [116] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs."   
## [117] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [118] "Available providers were not conveniently located. ,None of the available providers were a good fit for my needs."   
## [119] "Available providers were too expensive. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [120] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots."   
## [121] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."  
## [122] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [123] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [124] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. "   
## [125] "There were no private school providers available with open slots.,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [126] "Available providers were too expensive. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [127] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [128] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [129] "Available providers were too expensive. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [130] "Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [131] "Available providers were not open during the hours I needed. ,There were no public school providers available with open slots."   
## [132] "Available providers were not open during the hours I needed. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [133] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Other"   
## [134] "None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [135] "Available providers were not open during the hours I needed. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [136] "Available providers were too expensive. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [137] "Available providers were too expensive. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [138] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [139] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,I did not feel comfortable with any available providers.,Other"   
## [140] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,Available providers did not speak my preferred language. ,There were no private school providers available with open slots."   
## [141] "Available providers were not high quality. ,Other"   
## [142] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots."   
## [143] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [144] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,There were no public school providers available with open slots."   
## [145] "Available providers were too expensive. ,Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [146] "None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [147] "Available providers were not conveniently located. ,There were no private school providers available with open slots."   
## [148] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,Available providers did not speak my preferred language. ,None of the available providers were a good fit for my needs."   
## [149] "Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [150] "There were no private school providers available with open slots.,Other"   
## [151] "Available providers were not conveniently located. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [152] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [153] "Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [154] "Available providers were not high quality. ,Available providers did not speak my preferred language. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [155] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,Other"   
## [156] "Available providers were too expensive. ,There were no private school providers available with open slots."   
## [157] "Los proveedores disponibles no estaban convenientemente ubicados.\n,No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n"   
## [158] "Los proveedores disponibles no eran de alta calidad.,No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades.\n,No me sentí cómodo/a con ningún proveedor disponible.\n,Otro"   
## [159] "Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades.\n"   
## [160] "No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Otro"   
## [161] "Los proveedores disponibles eran demasiado caros.\n,No había ningún proveedor de escuelas privadas disponible con espacios abiertos.\n,No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades.\n,Otro"   
## [162] "1"   
## [163] "6"   
## [164] "2"   
## [165] "5"   
## [166] "3"   
## [167] "4"   
## [168] "1 child "   
## [169] "2 children "   
## [170] "2 children"   
## [171] "$50-75 "   
## [172] "$75-100 "   
## [173] "$100-150 "   
## [174] "$25-50 "   
## [175] "Greater than $150 "   
## [176] "$0-25 "   
## [177] "Home "   
## [178] "Other location "   
## [179] "Work "   
## [180] "My other children’s school "   
## [181] "Relatives "   
## [182] "Home"   
## [183] "Personal motor vehicle "   
## [184] "Walking "   
## [185] "Carpool with friends, family, or coworkers "   
## [186] "Paid rideshare (for example: Uber, Lyft, etc.) "   
## [187] "Bus or other public transportation "   
## [188] "10 to 20 minutes"   
## [189] "Greater than 30 minutes "   
## [190] "5 to 10 minutes"   
## [191] "Less than 5 minutes"   
## [192] "20 to 30 minutes "   
## [193] "20 to 30 minutes"   
## [194] "8:00"   
## [195] "7:00"   
## [196] "9:00"   
## [197] NA   
## [198] "7:30"   
## [199] "6:00"   
## [200] "6:30"   
## [201] "10:00"   
## [202] "8:30"   
## [203] "7:15"   
## [204] "7:40"   
## [205] "7:39"   
## [206] "5:00"   
## [207] "8:45"   
## [208] "2:00"   
## [209] "7:20"   
## [210] "7:45"   
## [211] "6:50"   
## [212] "3:40"   
## [213] "5:30"   
## [214] "24 "   
## [215] "4:00"   
## [216] "3:00"   
## [217] "2:30"   
## [218] "12:00"   
## [219] "1:00"   
## [220] "1:30"   
## [221] "4:30"   
## [222] "3:30"   
## [223] "11:00"   
## [224] "4:15"   
## [225] "1:50"   
## [226] "6+"   
## [227] "Living with partner in same household "   
## [228] "Single "   
## [229] "Married "   
## [230] "Divorced/Separated "   
## [231] "Married"   
## [232] "Single"   
## [233] "English "   
## [234] "Portuguese "   
## [235] "Spanish "   
## [236] "Arabic "   
## [237] "French (incl. Cajun) "   
## [238] "Haitian Creole "   
## [239] "Polish "   
## [240] "Other Indo-European Languages "   
## [241] "Russian "   
## [242] "Other & Unspecified Languages "   
## [243] "Spanish"   
## [244] "Very well"   
## [245] "Well"   
## [246] "Not well"   
## [247] "$20,000 to 29,000 "   
## [248] "Less than $14,000 "   
## [249] "Prefer not to answer "   
## [250] "$100,000 or more "   
## [251] "$30,000 to $39,000 "   
## [252] "$40,000 to $49,000 "   
## [253] "$75,000 to $100,000 "   
## [254] "$50,000 to $74,000 "   
## [255] "$15,000 to 19,000 "   
## [256] "$40,000 to $49,000"   
## [257] "$30,000 to $39,000"   
## [258] "$20,000 to 29,000"   
## [259] "$50,000 to $74,000"   
## [260] "$75,000 to $100,000"   
## [261] "$15,000 to 19,000"   
## [262] "Some college credit but no degree "   
## [263] "High school graduate or GED completed "   
## [264] "Graduate or professional degree "   
## [265] "9th-12th grade (no high school diploma) "   
## [266] "Bachelor’s degree (BA, BS, AB) "   
## [267] "Associate degree (AA, AS) "   
## [268] "8th grade or less "   
## [269] "Graduate or professional degree"   
## [270] "Seeking job opportunities "   
## [271] "Employed full-time "   
## [272] "Retired "   
## [273] "Homemaking (not paid) "   
## [274] "Prefer not to say "   
## [275] "Employed part-time "   
## [276] "No"   
## [277] "Not Hispanic or Latino"   
## [278] "Hispanic or Latino"   
## [279] "Don't know/Prefer not to answer"   
## [280] "Black or African American,White"   
## [281] "White"   
## [282] "Black or African American"   
## [283] "American Indian or Alaska Native,White"   
## [284] "Black or African American,Other"   
## [285] "White,Other"   
## [286] "Asian"   
## [287] "Native Hawaiian or Other Pacific Islander"   
## [288] "Asian,White"   
## [289] "American Indian or Alaska Native"   
## [290] "I don’t know/prefer not to respond"   
## [291] "Negro o afroamericano,Otro"

## Multiresponse parsing.

### VPK

# VPK  
  
 # TroubleFindingChildcare  
 TroubleParse=t(sapply(data$VPKCombined$TroubleFindingChildcare, function(vec){  
 parse=unlist(strsplit(gsub(" ,|\n| ,|,","",vec),"\\."))  
   
 out=c("Trbl\_NoPubSchls"=0, "Trbl\_NoPvtSchls"=0, "Trbl\_Expnsv"=0, "Trbl\_Location"=0, "Trbl\_Other"=0, "Trbl\_NoChlgns"=0, "Trbl\_Quality"=0, "Trbl\_NoFit"=0, "Trbl\_Comfort"=0, "Trbl\_NoHours"=0, "Trbl\_Language"=0)  
   
 if(any(parse %in% c("There were no public school providers available with open slots", "No había ningún proveedor de escuelas públicas disponible con espacios abiertos"))){out["Trbl\_NoPubSchls"]=1}  
   
 if(any(parse %in% c("There were no private school providers available with open slots","No había ningún proveedor de escuelas privadas disponible con espacios abiertos"))){out["Trbl\_NoPvtSchls"]=1}  
   
 if(any(parse %in% c("Available providers were too expensive", "Los proveedores disponibles eran demasiado caros"))){out["Trbl\_Expnsv"]=1}  
   
 if(any(parse %in% c("Available providers were not conveniently located", "Los proveedores disponibles no estaban convenientemente ubicados"))){out["Trbl\_Location"]=1}   
   
 if(any(parse %in% c("Other", "Otro"))){out["Trbl\_Other"]=1}   
 if(any(parse %in% c("I did not experience any challenges"))){out["Trbl\_NoChlgns"]=1}   
 if(any(parse %in% c("Available providers were not high quality", "Los proveedores disponibles no eran de alta calidad"))){out["Trbl\_Quality"]=1}  
   
 if(any(parse %in% c("None of the available providers were a good fit for my needs", "Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades"))){out["Trbl\_NoFit"]=1}  
   
 if(any(parse %in% c("I did not feel comfortable with any available providers", "No me sentí cómodo/a con ningún proveedor disponible"))){out["Trbl\_Comfort"]=1}   
   
 if(any(parse %in% c("Available providers were not open during the hours I needed","Los proveedores disponibles no estaban abiertos durante las horas que necesitaba"))){out["Trbl\_NoHours"]=1}   
 if(any(parse %in% c("Available providers did not speak my preferred language", "Los proveedores disponibles no hablaban mi idioma preferido"))){out["Trbl\_Language"]=1}   
 out  
 }))  
   
   
 data$VPKCombined=data.frame(data$VPKCombined, TroubleParse)  
  
#WhyNoLongerNeeded  
  
 WhyNoLongerNeeded=t(sapply(data$VPKCombined$WhyNoLongerNeeded, function(vec){  
 parse=unlist(strsplit(gsub(" ,|\n| ,|,","",vec),"\\."))  
   
 out=c("Why\_NA"=0,"Why\_Other"=0, "Why\_Moved"=0, "Why\_AlternCare"=0, "Why\_StayHome"=0, "Why\_StayFam"=0)  
  
 #if(any(parse %in% c("Not applicable","Not Applicable"))){out["Why\_NA"]=1}  
 if(any(parse %in% c("Other"))){out["Why\_Other"]=1}  
 if(any(parse %in% c("Me mudé","I moved"))){out["Why\_Moved"]=1}  
 if(any(parse %in% c("I found alternative Pre-K arrangements without using VPK"))){out["Why\_AlternCare"]=1}  
 if(any(parse %in% c("Decidí quedarme en casa con mi hijo","I decided to stay home with my child"))){out["Why\_StayHome"]=1}  
 if(any(parse %in% c("I decided to have my child stay with family/friends"))){out["Why\_StayFam"]=1}  
  
 out}))   
  
data$VPKCombined=data.frame(data$VPKCombined,WhyNoLongerNeeded)  
   
   
#Race  
  
 Race=t(sapply(data$VPKCombined$Race, function(vec){  
 parse=unlist(strsplit(vec,", |,"))  
   
 out=c("Race\_BAA"=0, "Race\_White"=0, "Race\_Other"=0, "Race\_AIAN"=0, "Race\_NoAnswer"=0, "Race\_Asian"=0, "Race\_NHPI"=0, "Race\_Hisp"=0, "Race\_NotHisp"=0)  
   
 if(any(parse %in% c("Black or African American","Negro o afroamericano"))){out["Race\_BAA"]=1}  
 if(any(parse %in% c("White","Blanco"))){out["Race\_White"]=1}  
 if(any(parse %in% c("Other","Otro"))){out["Race\_Other"]=1}  
 if(any(parse %in% c("American Indian or Alaska Native"))){out["Race\_AIAN"]=1}  
 if(any(parse %in% c("Don't know/Prefer not to answer","I don’t know/prefer not to respond"))){out["Race\_NoAnswer"]=1}  
 if(any(parse %in% c("Asian"))){out["Race\_Asian"]=1}  
 if(any(parse %in% c("Native Hawaiian or Other Pacific Islander"))){out["Race\_NHPI"]=1}  
 if(any(parse %in% c("Hispanic or Latino"))){out["Race\_Hisp"]=1}  
 if(any(parse %in% c("Not Hispanic or Latino"))){out["Race\_NotHisp"]=1}  
 out}))  
  
data$VPKCombined=data.frame(data$VPKCombined,Race)

### SR

# SR  
  
 # TroubleFindingChildcare  
 TroubleParse=t(sapply(data$SRCombined$TroubleFindingChildcare, function(vec){  
 parse=unlist(strsplit(gsub(" ,|\n| ,|,","",vec),"\\."))  
   
 out=c("Trbl\_Openings"=0, "Trbl\_Expnsv"=0, "Trbl\_Location"=0, "Trbl\_Other"=0, "Trbl\_NoChlgns"=0, "Trbl\_Quality"=0, "Trbl\_NoFit"=0, "Trbl\_Comfort"=0, "Trbl\_NoHours"=0, "Trbl\_Language"=0, "Trbl\_FamFriends"=0, "Trbl\_NotElgbl"=0 )  
   
 if(any(parse %in% c("I could not find a provider with openings to serve my child/children"))){out["Trbl\_Openings"]=1}  
 if(any(parse %in% c("Available providers were too expensive"))){out["Trbl\_Expnsv"]=1}  
 if(any(parse %in% c("Available providers were not conveniently located"))){out["Trbl\_Location"]=1}   
 if(any(parse %in% c("Other", "Otro"))){out["Trbl\_Other"]=1}   
 if(any(parse %in% c("I did not experience any challenges"))){out["Trbl\_NoChlgns"]=1}   
 if(any(parse %in% c("Available providers were not high quality"))){out["Trbl\_Quality"]=1}  
 if(any(parse %in% c( "None of the available providers were a good fit for my needs","Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades"))){out["Trbl\_NoFit"]=1}  
 if(any(parse %in% c("I did not feel comfortable with any available providers"))){out["Trbl\_Comfort"]=1}  
 if(any(parse %in% c("Available providers were not open during the hours I needed"))){out["Trbl\_NoHours"]=1}   
 if(any(parse %in% c("Available providers did not speak my preferred language"))){out["Trbl\_Language"]=1}  
 if(any(parse %in% c("I found family/friends to help with childcare"))){out["Trbl\_FamFriends"]=1}  
 if(any(parse %in% c("Ya no era elegible para el programa de “Florida School Readiness” (subsidio de ELC)"))){out["Trbl\_NotElgbl"]=1}  
   
 out  
 }))  
   
 data$SRCombined=data.frame(data$SRCombined, TroubleParse)  
  
#WhyNoLongerNeeded  
  
 WhyNoLongerNeeded=t(sapply(data$SRCombined$WhyNoLongerNeeded, function(vec){  
 parse=unlist(strsplit(gsub(" ,|\n| ,|,","",vec),"\\."))  
   
 out=c("Why\_NA"=0,"Why\_Other"=0, "Why\_Moved"=0, "Why\_AlternCare"=0, "Why\_StayHome"=0, "Why\_StayFam"=0, "Why\_NotElgbl"=0)  
  
 # if(any(parse %in% c("Not applicable","Not Applicable"))){out["Why\_NA"]=1}  
 if(any(parse %in% c("Other"))){out["Why\_Other"]=1}  
 if(any(parse %in% c("Me mudé","I moved"))){out["Why\_Moved"]=1}  
 if(any(parse %in% c("I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy)"))){out["Why\_AlternCare"]=1}  
 if(any(parse %in% c("Decidí quedarme en casa con mi hijo","I decided to stay home with my child"))){out["Why\_StayHome"]=1}  
 if(any(parse %in% c("I decided to stay home with my child"))){out["Why\_StayHome"]=1}  
 if(any(parse %in% c("I found family/friends to help with childcare"))){out["Why\_StayFam"]=1}   
 if(any(parse %in% c("I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy)","Ya no era elegible para el programa de “Florida School Readiness” (subsidio de ELC)"))){out["Why\_NotElgbl"]=1}   
   
  
 out}))   
  
data$SRCombined=data.frame(data$SRCombined,WhyNoLongerNeeded)  
   
   
#Ages of Children Needing Care  
  
 Ages=t(sapply(data$SRCombined$AgeUnableToFindOpenings , function(vec){  
 parse=unlist(strsplit(vec,", |,"))  
  
 out=c("CareAges\_Sub1"=0, "CareAges\_1"=0, "CareAges\_2"=0, "CareAges\_3"=0, "CareAges\_4"=0, "CareAges\_5"=0, "CareAges\_6"=0, "CareAges\_NA"=0)  
   
   
 if(any(parse %in% c("Less than 1 year-old"))){out["CareAges\_Sub1"]=1}  
 if(any(parse %in% c("1-year-old "))){out["CareAges\_1"]=1}  
 if(any(parse %in% c("2-year-old "))){out["CareAges\_2"]=1}  
 if(any(parse %in% c("3-year-old "))){out["CareAges\_3"]=1}   
 if(any(parse %in% c("4-year-old "))){out["CareAges\_4"]=1}  
 if(any(parse %in% c("5-year-old "))){out["CareAges\_5"]=1}  
 if(any(parse %in% c("6-years-old or older "))){out["CareAges\_6"]=1}   
 # if(any(parse %in% c("Not Applicable","Not applicable"))){out["CareAges\_NA"]=1}  
   
 out}))  
  
data$SRCombined=data.frame(data$SRCombined,Ages)  
  
#Race  
  
 Race=t(sapply(data$SRCombined$Race, function(vec){  
 parse=unlist(strsplit(vec,", |,"))  
   
 out=c("Race\_BAA"=0, "Race\_White"=0, "Race\_Other"=0, "Race\_AIAN"=0, "Race\_NoAnswer"=0, "Race\_Asian"=0, "Race\_NHPI"=0, "Race\_Hisp"=0, "Race\_NotHisp"=0)  
   
 if(any(parse %in% c("Black or African American"))){out["Race\_BAA"]=1}  
 if(any(parse %in% c("White"))){out["Race\_White"]=1}  
 if(any(parse %in% c("Other"))){out["Race\_Other"]=1}  
 if(any(parse %in% c("American Indian or Alaska Native"))){out["Race\_AIAN"]=1}  
 if(any(parse %in% c("Don't know/Prefer not to answer","I don’t know/prefer not to respond","Prefer not to answer"))){out["Race\_NoAnswer"]=1}  
 if(any(parse %in% c("Asian"))){out["Race\_Asian"]=1}  
 if(any(parse %in% c("Native Hawaiian or Other Pacific Islander"))){out["Race\_NHPI"]=1}  
 if(any(parse %in% c("Hispanic or Latino"))){out["Race\_Hisp"]=1}  
 if(any(parse %in% c("Not Hispanic or Latino"))){out["Race\_NotHisp"]=1}  
 out}))  
  
data$SRCombined=data.frame(data$SRCombined,Race)

## Final trim.

### Remove trailing spaces

data$SRCombined=as.data.frame(apply(data$SRCombined, 2, function(x){gsub('\\s+$','',x)}))  
unique(unlist(data$SRCombined[,18:ncol(data$SRCombined)]))

## [1] "I agree to participate."   
## [2] "Yes"   
## [3] "Palm Beach"   
## [4] "Pasco"   
## [5] "Sarasota"   
## [6] "Monroe"   
## [7] "Broward"   
## [8] "Marion"   
## [9] "Brevard"   
## [10] "Highlands"   
## [11] "Miami-Dade"   
## [12] "Hillsborough"   
## [13] "Charlotte"   
## [14] "Duval"   
## [15] "Leon"   
## [16] "St. Johns"   
## [17] "Polk"   
## [18] "Lee"   
## [19] "Hernando"   
## [20] "Putnam"   
## [21] "Escambia"   
## [22] "Nassau"   
## [23] "Collier"   
## [24] "Orange"   
## [25] "Santa Rosa"   
## [26] "Flagler"   
## [27] "Seminole"   
## [28] "Manatee"   
## [29] "Clay"   
## [30] "Glades"   
## [31] "Pinellas"   
## [32] "Alachua"   
## [33] "Okaloosa"   
## [34] "Volusia"   
## [35] NA   
## [36] "I had trouble finding a provider that met my needs."   
## [37] "My circumstances changed, and I no longer needed childcare for my child(ren)."   
## [38] "I wanted to stay at my current childcare provider who did not participate in the Florida School Readiness program (ELC voucher/subsidy)."   
## [39] "Other"   
## [40] "I moved."   
## [41] "I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy)."   
## [42] "I decided to stay home with my child."   
## [43] "I was no longer eligible for the Florida School Readiness program (ELC voucher/subsidy).,Other"   
## [44] "I found family/friends to help with childcare.,I decided to stay home with my child.,Other"   
## [45] "I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy).,Other"   
## [46] "I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy)."   
## [47] "I found family/friends to help with childcare.,I found alternative care arrangements without using the Florida School Readiness program (ELC voucher/subsidy)."   
## [48] "I moved.,I decided to stay home with my child.,Other"   
## [49] "I found family/friends to help with childcare."   
## [50] "Ya no era elegible para el programa de “Florida School Readiness” (subsidio de ELC)."   
## [51] "I could not find a provider with openings to serve my child/children."   
## [52] "Available providers were too expensive."   
## [53] "Available providers were not conveniently located."   
## [54] "None of the available providers were a good fit for my needs."   
## [55] "Available providers were too expensive.,Available providers were not open during the hours I needed."   
## [56] "I did not experience any challenges."   
## [57] "Available providers were not conveniently located.,Available providers were not high quality.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [58] "Available providers were not high quality."   
## [59] "Available providers were not open during the hours I needed.,Available providers were not high quality.,Available providers did not speak my preferred language.,None of the available providers were a good fit for my needs."  
## [60] "Available providers were too expensive.,Available providers were not conveniently located.,Available providers were not high quality."   
## [61] "Available providers were too expensive.,Available providers were not open during the hours I needed.,I did not feel comfortable with any available providers."   
## [62] "Available providers were too expensive.,Available providers were not high quality.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [63] "Available providers were not high quality.,Other"   
## [64] "Available providers were not open during the hours I needed."   
## [65] "Available providers were not conveniently located.,Other"   
## [66] "Available providers were too expensive.,Available providers were not conveniently located."   
## [67] "3"   
## [68] "4"   
## [69] "2"   
## [70] "1"   
## [71] "5"   
## [72] "6"   
## [73] "1 child"   
## [74] "4 children"   
## [75] "2 children"   
## [76] "3 children"   
## [77] "5 or more children"   
## [78] "$25-50"   
## [79] "$75-100"   
## [80] "$0-25"   
## [81] "$50-75"   
## [82] "$100-150"   
## [83] "Greater than $150"   
## [84] "6-years-old or older"   
## [85] "4-year-old"   
## [86] "Less than 1 year-old"   
## [87] "2-year-old"   
## [88] "3-year-old ,4-year-old ,5-year-old ,6-years-old or older"   
## [89] "Less than 1 year-old,5-year-old"   
## [90] "Less than 1 year-old,4-year-old"   
## [91] "5-year-old ,6-years-old or older"   
## [92] "Not Applicable"   
## [93] "2-year-old ,5-year-old"   
## [94] "1-year-old"   
## [95] "3-year-old"   
## [96] "Less than 1 year-old,5-year-old ,6-years-old or older"   
## [97] "5-year-old"   
## [98] "Less than 1 year-old,4-year-old ,6-years-old or older"   
## [99] "Less than 1 year-old,1-year-old ,2-year-old ,3-year-old"   
## [100] "3-year-old ,4-year-old"   
## [101] "Less than 1 year-old,1-year-old"   
## [102] "2-year-old ,3-year-old"   
## [103] "3-year-old ,5-year-old"   
## [104] "2-year-old ,6-years-old or older"   
## [105] "1-year-old ,3-year-old"   
## [106] "4-year-old ,5-year-old"   
## [107] "4-year-old ,6-years-old or older"   
## [108] "Less than 1 year-old,1-year-old ,2-year-old ,4-year-old"   
## [109] "Not applicable"   
## [110] "Home"   
## [111] "Work"   
## [112] "Other location"   
## [113] "My other children’s school"   
## [114] "Relatives"   
## [115] "Personal motor vehicle"   
## [116] "Walking"   
## [117] "Bus or other public transportation"   
## [118] "Carpool with friends, family, or coworkers"   
## [119] "Paid rideshare (for example: Uber, Lyft, etc.)"   
## [120] "5 to 10 minutes"   
## [121] "Less than 5 minutes"   
## [122] "10 to 20 minutes"   
## [123] "20 to 30 minutes"   
## [124] "6:00"   
## [125] "7:00"   
## [126] "8:00"   
## [127] "24"   
## [128] "8:30"   
## [129] "7:30"   
## [130] ""   
## [131] "6:30"   
## [132] "9:00"   
## [133] "2:30"   
## [134] "5:00"   
## [135] "7:49"   
## [136] "3:00"   
## [137] "11:00"   
## [138] "10:00"   
## [139] "5:30"   
## [140] "1:00"   
## [141] "4:00"   
## [142] "1:20"   
## [143] "6+"   
## [144] "Divorced/Separated"   
## [145] "Single"   
## [146] "Living with partner in same household"   
## [147] "Married"   
## [148] "Widowed"   
## [149] "English"   
## [150] "Chinese (incl. Mandarin, Cantonese)"   
## [151] "Haitian Creole"   
## [152] "Russian"   
## [153] "Spanish"   
## [154] "Very well"   
## [155] "Well"   
## [156] "Not well"   
## [157] "$40,000 to $49,000"   
## [158] "$30,000 to $39,000"   
## [159] "Less than $14,000"   
## [160] "Prefer not to answer"   
## [161] "$15,000 to 19,000"   
## [162] "$50,000 to $74,000"   
## [163] "$20,000 to 29,000"   
## [164] "Graduate or professional degree"   
## [165] "Some college credit but no degree"   
## [166] "High school graduate or GED completed"   
## [167] "9th-12th grade (no high school diploma)"   
## [168] "Associate degree (AA, AS)"   
## [169] "Bachelor’s degree (BA, BS, AB)"   
## [170] "8th grade or less"   
## [171] "Employed full-time"   
## [172] "Employed part-time"   
## [173] "Seeking job opportunities"   
## [174] "Prefer not to say"   
## [175] "Homemaking (not paid)"   
## [176] "Retired"   
## [177] "No"   
## [178] "Not Hispanic or Latino"   
## [179] "Hispanic or Latino"   
## [180] "I don’t know/prefer not to respond"   
## [181] "Black or African American"   
## [182] "Black or African American,White,Other"   
## [183] "White"   
## [184] "Black or African American,White"   
## [185] "Black or African American,Other"   
## [186] "Native Hawaiian or Other Pacific Islander"   
## [187] "Asian"   
## [188] "American Indian or Alaska Native"   
## [189] "0"

data$VPKCombined=as.data.frame(apply(data$VPKCombined, 2, function(x){gsub('\\s+$','',x)}))  
unique(unlist(data$VPKCombined[,18:ncol(data$VPKCombined)]))

## [1] "I agree to participate."   
## [2] "Yes"   
## [3] "Duval"   
## [4] "Wakulla"   
## [5] "Pasco"   
## [6] "Brevard"   
## [7] "Seminole"   
## [8] "Volusia"   
## [9] "Broward"   
## [10] "Polk"   
## [11] "Hillsborough"   
## [12] "Putnam"   
## [13] "Miami-Dade"   
## [14] "Lee"   
## [15] "Osceola"   
## [16] "Okaloosa"   
## [17] "Palm Beach"   
## [18] "St. Lucie"   
## [19] "Columbia"   
## [20] "Orange"   
## [21] "Highlands"   
## [22] "Leon"   
## [23] "Manatee"   
## [24] "Santa Rosa"   
## [25] "Hernando"   
## [26] "Sarasota"   
## [27] "Marion"   
## [28] "Taylor"   
## [29] "Collier"   
## [30] "Dixie"   
## [31] "Lake"   
## [32] "Escambia"   
## [33] "Alachua"   
## [34] "St. Johns"   
## [35] "Sumter"   
## [36] "Pinellas"   
## [37] "Martin"   
## [38] "Citrus"   
## [39] "Flagler"   
## [40] "Bay"   
## [41] "Jackson"   
## [42] "Walton"   
## [43] "Clay"   
## [44] "Charlotte"   
## [45] "Gadsden"   
## [46] "Okeechobee"   
## [47] "Monroe"   
## [48] "Lafayette"   
## [49] "Nassau"   
## [50] "Indian River"   
## [51] "Washington"   
## [52] "Franklin"   
## [53] "I had trouble finding a VPK provider that met my needs."   
## [54] "My circumstances changed, and I no longer needed services."   
## [55] "I wanted to stay at my current provider, and they did not participate in VPK."   
## [56] "I wanted full-day care and could not afford to pay for the rest of the day."   
## [57] "I intend to enroll later."   
## [58] "I wanted to enroll my child at a new provider who did not participate in VPK."   
## [59] "Not Applicable."   
## [60] "Other"   
## [61] "I moved."   
## [62] "I found alternative Pre-K arrangements without using VPK."   
## [63] "I decided to stay home with my child."   
## [64] "I decided to have my child stay with family/friends."   
## [65] "I decided to stay home with my child.,I found alternative Pre-K arrangements without using VPK."   
## [66] "I moved.,I decided to stay home with my child."   
## [67] "I decided to have my child stay with family/friends.,Other"   
## [68] "I decided to have my child stay with family/friends.,I decided to stay home with my child."   
## [69] "I decided to have my child stay with family/friends.,I decided to stay home with my child.,I found alternative Pre-K arrangements without using VPK.,Other"   
## [70] "I moved.,I found alternative Pre-K arrangements without using VPK."   
## [71] "I found alternative Pre-K arrangements without using VPK.,Other"   
## [72] "I moved.,Other"   
## [73] "Not applicable"   
## [74] "There were no public school providers available with open slots."   
## [75] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no public school providers available with open slots."   
## [76] "I did not experience any challenges."   
## [77] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [78] "Available providers were not conveniently located. ,There were no public school providers available with open slots."   
## [79] "None of the available providers were a good fit for my needs."   
## [80] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [81] "Available providers were not conveniently located."   
## [82] "There were no private school providers available with open slots."   
## [83] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,Other"   
## [84] "Available providers were too expensive. ,There were no public school providers available with open slots."   
## [85] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [86] "Available providers were not high quality."   
## [87] "Available providers were too expensive. ,None of the available providers were a good fit for my needs.,Other"   
## [88] "I did not feel comfortable with any available providers."   
## [89] "Available providers did not speak my preferred language. ,I did not feel comfortable with any available providers.,Other"   
## [90] "There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [91] "Available providers were not high quality. ,There were no private school providers available with open slots."   
## [92] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [93] "Available providers were not open during the hours I needed."   
## [94] "Available providers were not conveniently located. ,Available providers were not high quality."   
## [95] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [96] "Available providers were not high quality. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [97] "Available providers were too expensive. ,Available providers were not conveniently located."   
## [98] "There were no private school providers available with open slots.,I did not feel comfortable with any available providers.,Other"   
## [99] "There were no public school providers available with open slots.,Other"   
## [100] "Available providers were not conveniently located. ,Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [101] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [102] "There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [103] "Available providers did not speak my preferred language. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [104] "Available providers were not high quality. ,I did not feel comfortable with any available providers.,Other"   
## [105] "There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [106] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no public school providers available with open slots."   
## [107] "Available providers were too expensive."   
## [108] "Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [109] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [110] "Available providers were not conveniently located. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs."   
## [111] "Available providers were too expensive. ,Available providers were not open during the hours I needed."   
## [112] "None of the available providers were a good fit for my needs.,Other"   
## [113] "Available providers were not open during the hours I needed. ,Available providers were not high quality."   
## [114] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [115] "There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [116] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs."   
## [117] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [118] "Available providers were not conveniently located. ,None of the available providers were a good fit for my needs."   
## [119] "Available providers were too expensive. ,Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [120] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots."   
## [121] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs."  
## [122] "Available providers were not conveniently located. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [123] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [124] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed."   
## [125] "There were no private school providers available with open slots.,There were no public school providers available with open slots.,I did not feel comfortable with any available providers."   
## [126] "Available providers were too expensive. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [127] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [128] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [129] "Available providers were too expensive. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [130] "Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [131] "Available providers were not open during the hours I needed. ,There were no public school providers available with open slots."   
## [132] "Available providers were not open during the hours I needed. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [133] "Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,Other"   
## [134] "None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [135] "Available providers were not open during the hours I needed. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [136] "Available providers were too expensive. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs."   
## [137] "Available providers were too expensive. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [138] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [139] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,I did not feel comfortable with any available providers.,Other"   
## [140] "Available providers were not open during the hours I needed. ,Available providers were not high quality. ,Available providers did not speak my preferred language. ,There were no private school providers available with open slots."   
## [141] "Available providers were not high quality. ,Other"   
## [142] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots."   
## [143] "Available providers were not conveniently located. ,Available providers were not high quality. ,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [144] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not open during the hours I needed. ,There were no public school providers available with open slots."   
## [145] "Available providers were too expensive. ,Available providers were not high quality. ,I did not feel comfortable with any available providers."   
## [146] "None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers.,Other"   
## [147] "Available providers were not conveniently located. ,There were no private school providers available with open slots."   
## [148] "Available providers were too expensive. ,Available providers were not conveniently located. ,Available providers were not high quality. ,Available providers did not speak my preferred language. ,None of the available providers were a good fit for my needs."   
## [149] "Available providers were not high quality. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [150] "There were no private school providers available with open slots.,Other"   
## [151] "Available providers were not conveniently located. ,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [152] "Available providers were too expensive. ,Available providers were not conveniently located. ,There were no private school providers available with open slots.,There were no public school providers available with open slots."   
## [153] "Available providers were not high quality. ,There were no private school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [154] "Available providers were not high quality. ,Available providers did not speak my preferred language. ,There were no private school providers available with open slots.,There were no public school providers available with open slots.,None of the available providers were a good fit for my needs.,I did not feel comfortable with any available providers."   
## [155] "Available providers were not high quality. ,None of the available providers were a good fit for my needs.,Other"   
## [156] "Available providers were too expensive. ,There were no private school providers available with open slots."   
## [157] "Los proveedores disponibles no estaban convenientemente ubicados.\n,No había ningún proveedor de escuelas públicas disponible con espacios abiertos."   
## [158] "Los proveedores disponibles no eran de alta calidad.,No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades.\n,No me sentí cómodo/a con ningún proveedor disponible.\n,Otro"   
## [159] "Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades."   
## [160] "No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Otro"   
## [161] "Los proveedores disponibles eran demasiado caros.\n,No había ningún proveedor de escuelas privadas disponible con espacios abiertos.\n,No había ningún proveedor de escuelas públicas disponible con espacios abiertos.\n,Ninguno de los proveedores disponibles se adaptaba bien a mis necesidades.\n,Otro"   
## [162] "1"   
## [163] "6"   
## [164] "2"   
## [165] "5"   
## [166] "3"   
## [167] "4"   
## [168] "1 child"   
## [169] "2 children"   
## [170] "$50-75"   
## [171] "$75-100"   
## [172] "$100-150"   
## [173] "$25-50"   
## [174] "Greater than $150"   
## [175] "$0-25"   
## [176] "Home"   
## [177] "Other location"   
## [178] "Work"   
## [179] "My other children’s school"   
## [180] "Relatives"   
## [181] "Personal motor vehicle"   
## [182] "Walking"   
## [183] "Carpool with friends, family, or coworkers"   
## [184] "Paid rideshare (for example: Uber, Lyft, etc.)"   
## [185] "Bus or other public transportation"   
## [186] "10 to 20 minutes"   
## [187] "Greater than 30 minutes"   
## [188] "5 to 10 minutes"   
## [189] "Less than 5 minutes"   
## [190] "20 to 30 minutes"   
## [191] "8:00"   
## [192] "7:00"   
## [193] "9:00"   
## [194] NA   
## [195] "7:30"   
## [196] "6:00"   
## [197] "6:30"   
## [198] "10:00"   
## [199] "8:30"   
## [200] "7:15"   
## [201] "7:40"   
## [202] "7:39"   
## [203] "5:00"   
## [204] "8:45"   
## [205] "2:00"   
## [206] "7:20"   
## [207] "7:45"   
## [208] "6:50"   
## [209] "3:40"   
## [210] "5:30"   
## [211] "24"   
## [212] "4:00"   
## [213] "3:00"   
## [214] "2:30"   
## [215] "12:00"   
## [216] "1:00"   
## [217] "1:30"   
## [218] "4:30"   
## [219] "3:30"   
## [220] "11:00"   
## [221] "4:15"   
## [222] "1:50"   
## [223] "6+"   
## [224] "Living with partner in same household"   
## [225] "Single"   
## [226] "Married"   
## [227] "Divorced/Separated"   
## [228] "English"   
## [229] "Portuguese"   
## [230] "Spanish"   
## [231] "Arabic"   
## [232] "French (incl. Cajun)"   
## [233] "Haitian Creole"   
## [234] "Polish"   
## [235] "Other Indo-European Languages"   
## [236] "Russian"   
## [237] "Other & Unspecified Languages"   
## [238] "Very well"   
## [239] "Well"   
## [240] "Not well"   
## [241] "$20,000 to 29,000"   
## [242] "Less than $14,000"   
## [243] "Prefer not to answer"   
## [244] "$100,000 or more"   
## [245] "$30,000 to $39,000"   
## [246] "$40,000 to $49,000"   
## [247] "$75,000 to $100,000"   
## [248] "$50,000 to $74,000"   
## [249] "$15,000 to 19,000"   
## [250] "Some college credit but no degree"   
## [251] "High school graduate or GED completed"   
## [252] "Graduate or professional degree"   
## [253] "9th-12th grade (no high school diploma)"   
## [254] "Bachelor’s degree (BA, BS, AB)"   
## [255] "Associate degree (AA, AS)"   
## [256] "8th grade or less"   
## [257] "Seeking job opportunities"   
## [258] "Employed full-time"   
## [259] "Retired"   
## [260] "Homemaking (not paid)"   
## [261] "Prefer not to say"   
## [262] "Employed part-time"   
## [263] "No"   
## [264] "Not Hispanic or Latino"   
## [265] "Hispanic or Latino"   
## [266] "Don't know/Prefer not to answer"   
## [267] "Black or African American,White"   
## [268] "White"   
## [269] "Black or African American"   
## [270] "American Indian or Alaska Native,White"   
## [271] "Black or African American,Other"   
## [272] "White,Other"   
## [273] "Asian"   
## [274] "Native Hawaiian or Other Pacific Islander"   
## [275] "Asian,White"   
## [276] "American Indian or Alaska Native"   
## [277] "I don’t know/prefer not to respond"   
## [278] "Negro o afroamericano,Otro"   
## [279] "0"

#also recode empty character vectors as NA   
data$SRCombined[data$SRCombined==""]=NA  
data$VPKCombined[data$VPKCombined==""]=NA

## Cross tabs.

### General Tables and Plots.

for(var in unique(names(data$SRCombined)[18:ncol(data$SRCombined)],names(data$VPKCombined)[18:ncol(data$VPKCombined)] )){PlotTabulate(var,data,subpath="/Users/chapm564/Documents/GitHub/VPK\_SR\_Survey/GeneralPlotsTables/" )}

### SR.

# Preferred distance by mode of transportation  
# ^Split by people who did/didnt endorse pref for ‘conveniently located’  
 write.csv(table(  
 data$SRCombined$PrimaryTransportationMode[  
 grep("\*conveniently located\*",data$SRCombined$TroubleFindingChildcare, invert=FALSE)],   
 data$SRCombined$PreferredTravelDistance[  
 grep("\*conveniently located\*",data$SRCombined$TroubleFindingChildcare, invert=FALSE)])  
 , "SR\_xtabs\_PrefDistbyTranspMode\_NotConvLocTRUE.csv")   
  
 write.csv(table(  
 data$SRCombined$PrimaryTransportationMode[  
 !grepl("\*conveniently located\*",data$SRCombined$TroubleFindingChildcare)],   
 data$SRCombined$PreferredTravelDistance[  
 !grepl("\*conveniently located\*",data$SRCombined$TroubleFindingChildcare)]),  
 "SR\_xtabs\_PrefDistbyTranspMode\_NotConvLocFALSE.csv")  
  
# Provider quality with parent education   
write.csv(table(data$SRCombined$Education, "Provider Not High Quality"=grepl("\*quality\*",data$SRCombined$TroubleFindingChildcare)),"SR\_xtabs\_EducationbyProviderNotQuality.csv")  
  
# "Provider not open during hours I need" vs Ranges for open/closed preferences  
table("Provider Not Open Hours I need"=grepl("\*hours\*",data$SRCombined$TroubleFindingChildcare),  
"Preferred Hours Outside 7a-6p"=(data$SRCombined$ProviderOpensAM<"7:00"|data$SRCombined$ProviderClosesPM>"6:00"))

## Preferred Hours Outside 7a-6p  
## Provider Not Open Hours I need FALSE TRUE  
## FALSE 39 43  
## TRUE 2 3

write.csv(  
table("Opens AM"=data$SRCombined$ProviderOpensAM[grep("\*hours\*",data$SRCombined$TroubleFindingChildcare)],  
 "Closes PM"=data$SRCombined$ProviderClosesPM[grep("\*hours\*",data$SRCombined$TroubleFindingChildcare)]),  
"SRxtabs\_PrefHoursbyProvNotOpenHours.csv")  
  
write.csv(  
table("Opens AM"=data$SRCombined$ProviderOpensAM[grep("\*hours\*",data$SRCombined$TroubleFindingChildcare, invert=TRUE)],  
 "Closes PM"=data$SRCombined$ProviderClosesPM[grep("\*hours\*",data$SRCombined$TroubleFindingChildcare, invert=TRUE)]),  
"SRxtabs\_PrefHoursbyProvOpenHours.csv")  
  
  
# Ranges for open/closed preferences <- general for everyone   
write.csv(  
table("Opens AM"=data$SRCombined$ProviderOpensAM,  
 "Closes PM"=data$SRCombined$ProviderClosesPM),  
"SRxtabs\_PrefHours.csv")

### VPK.

# No longer needed care  
 # Section 1: Sent kids to stay with family/friends  
 # Household Size distribution  
 # Income distribution   
 # marital status frequencies  
 # what responses do they select for reasons having trouble finding a provider  
  
Sect1Indx=grep("\*I decided to have my child stay with family/friends\*",data$VPKCombined$WhyNoLongerNeeded)  
  
 PlotTabulate("HouseHoldSize", list("VPK\_Child Staying with FamilyFriends"=data$VPKCombined[Sect1Indx,]))

## $`VPK\_Child Staying with FamilyFriends`  
## $`VPK\_Child Staying with FamilyFriends`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
##   
## $`VPK\_Child Staying with FamilyFriends`$freqtable  
## 2 3 4 6+ Missing/NA   
## 1 2 2 4 0   
##   
## $`VPK\_Child Staying with FamilyFriends`$proptable  
##   
## 2 3 4 6+ <NA>   
## 0.1111111 0.2222222 0.2222222 0.4444444 0.0000000

PlotTabulate("HouseHoldIncome", list("VPK\_Child Staying with FamilyFriends"=data$VPKCombined[Sect1Indx,]))

## $`VPK\_Child Staying with FamilyFriends`  
## $`VPK\_Child Staying with FamilyFriends`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
## [6,] 6.7  
## [7,] 7.9  
##   
## $`VPK\_Child Staying with FamilyFriends`$freqtable  
## $100,000 or more $30,000 to $39,000 $40,000 to $49,000   
## 2 1 2   
## $50,000 to $74,000 $75,000 to $100,000 Prefer not to answer   
## 1 2 1   
## Missing/NA   
## 0   
##   
## $`VPK\_Child Staying with FamilyFriends`$proptable  
##   
## $100,000 or more $30,000 to $39,000 $40,000 to $49,000   
## 0.2222222 0.1111111 0.2222222   
## $50,000 to $74,000 $75,000 to $100,000 Prefer not to answer   
## 0.1111111 0.2222222 0.1111111   
## <NA>   
## 0.0000000

PlotTabulate("MaritalStatus", list("VPK\_Child Staying with FamilyFriends"=data$VPKCombined[Sect1Indx,]))

## $`VPK\_Child Staying with FamilyFriends`  
## $`VPK\_Child Staying with FamilyFriends`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
##   
## $`VPK\_Child Staying with FamilyFriends`$freqtable  
## Living with partner\nin same household Married   
## 1 7   
## Single Missing/NA   
## 1 0   
##   
## $`VPK\_Child Staying with FamilyFriends`$proptable  
##   
## Living with partner in same household Married   
## 0.1111111 0.7777778   
## Single <NA>   
## 0.1111111 0.0000000

png("FamFriends\_Trouble.png")  
 par(mar = c(10.1, 4.1, 4.1, 2.1))  
 par(las=2)  
 barplot(apply(data$SRCombined[Sect1Indx,grep("^Trbl",names(data$SRCombined))], 2, function(c){sum(as.numeric(c),na.rm=TRUE)}))   
 dev.off()

## quartz\_off\_screen   
## 2

# Section 2: Stay at home with child   
 # Household Size distribution  
 # Income distribution   
 # marital status frequencies  
 # what responses do they select for reasons having trouble finding a provider  
   
Sect2Indx=grep("\*I decided to stay home with my child\*",data$VPKCombined$WhyNoLongerNeeded)  
  
 PlotTabulate("HouseHoldSize", list("VPK\_Child Staying Home"=data$VPKCombined[Sect2Indx,]))

## $`VPK\_Child Staying Home`  
## $`VPK\_Child Staying Home`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
## [6,] 6.7  
##   
## $`VPK\_Child Staying Home`$freqtable  
## 2 3 4 5 6+ Missing/NA   
## 2 7 15 9 8 0   
##   
## $`VPK\_Child Staying Home`$proptable  
##   
## 2 3 4 5 6+ <NA>   
## 0.04878049 0.17073171 0.36585366 0.21951220 0.19512195 0.00000000

PlotTabulate("HouseHoldIncome", list("VPK\_Child Staying Home"=data$VPKCombined[Sect2Indx,]))

## $`VPK\_Child Staying Home`  
## $`VPK\_Child Staying Home`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
## [6,] 6.7  
## [7,] 7.9  
## [8,] 9.1  
## [9,] 10.3  
## [10,] 11.5  
##   
## $`VPK\_Child Staying Home`$freqtable  
## $100,000 or more $15,000 to 19,000 $20,000 to 29,000   
## 8 1 2   
## $30,000 to $39,000 $40,000 to $49,000 $50,000 to $74,000   
## 2 4 8   
## $75,000 to $100,000 Less than $14,000 Prefer not to answer   
## 9 3 4   
## Missing/NA   
## 0   
##   
## $`VPK\_Child Staying Home`$proptable  
##   
## $100,000 or more $15,000 to 19,000 $20,000 to 29,000   
## 0.19512195 0.02439024 0.04878049   
## $30,000 to $39,000 $40,000 to $49,000 $50,000 to $74,000   
## 0.04878049 0.09756098 0.19512195   
## $75,000 to $100,000 Less than $14,000 Prefer not to answer   
## 0.21951220 0.07317073 0.09756098   
## <NA>   
## 0.00000000

PlotTabulate("MaritalStatus", list("VPK\_Child Staying Home"=data$VPKCombined[Sect2Indx,]))

## $`VPK\_Child Staying Home`  
## $`VPK\_Child Staying Home`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
##   
## $`VPK\_Child Staying Home`$freqtable  
## Living with partner\nin same household Married   
## 4 31   
## Single Missing/NA   
## 6 0   
##   
## $`VPK\_Child Staying Home`$proptable  
##   
## Living with partner in same household Married   
## 0.09756098 0.75609756   
## Single <NA>   
## 0.14634146 0.00000000

png("StayHome\_Trouble.png")  
 par(mar = c(10.1, 4.1, 4.1, 2.1))  
 par(las=2)  
 barplot(apply(data$SRCombined[Sect2Indx,grep("^Trbl",names(data$SRCombined))], 2, function(c){sum(as.numeric(c),na.rm=TRUE)}))   
 dev.off()

## quartz\_off\_screen   
## 2

# Section 3: Alternative care  
 # Household Size distribution  
 # Income distribution   
 # marital status frequencies  
 # what responses do they select for reasons having trouble finding a provider  
  
Sect3Indx=grep("\*I found alternative Pre-K arrangements without using VPK\*",data$VPKCombined$WhyNoLongerNeeded)  
 PlotTabulate("HouseHoldSize", list("VPK\_Child VPK Alternative"=data$VPKCombined[Sect3Indx,]))

## $`VPK\_Child VPK Alternative`  
## $`VPK\_Child VPK Alternative`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
## [6,] 6.7  
##   
## $`VPK\_Child VPK Alternative`$freqtable  
## 2 3 4 5 6+ Missing/NA   
## 1 18 43 17 12 0   
##   
## $`VPK\_Child VPK Alternative`$proptable  
##   
## 2 3 4 5 6+ <NA>   
## 0.01098901 0.19780220 0.47252747 0.18681319 0.13186813 0.00000000

PlotTabulate("HouseHoldIncome", list("VPK\_Child VPK Alternative"=data$VPKCombined[Sect3Indx,]))

## $`VPK\_Child VPK Alternative`  
## $`VPK\_Child VPK Alternative`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
## [6,] 6.7  
## [7,] 7.9  
## [8,] 9.1  
## [9,] 10.3  
##   
## $`VPK\_Child VPK Alternative`$freqtable  
## $100,000 or more $15,000 to 19,000 $20,000 to 29,000   
## 43 3 3   
## $30,000 to $39,000 $40,000 to $49,000 $50,000 to $74,000   
## 7 6 13   
## $75,000 to $100,000 Prefer not to answer Missing/NA   
## 9 7 0   
##   
## $`VPK\_Child VPK Alternative`$proptable  
##   
## $100,000 or more $15,000 to 19,000 $20,000 to 29,000   
## 0.47252747 0.03296703 0.03296703   
## $30,000 to $39,000 $40,000 to $49,000 $50,000 to $74,000   
## 0.07692308 0.06593407 0.14285714   
## $75,000 to $100,000 Prefer not to answer <NA>   
## 0.09890110 0.07692308 0.00000000

PlotTabulate("MaritalStatus", list("VPK\_Child VPK Alternative"=data$VPKCombined[Sect3Indx,]))

## $`VPK\_Child VPK Alternative`  
## $`VPK\_Child VPK Alternative`$plot  
## [,1]  
## [1,] 0.7  
## [2,] 1.9  
## [3,] 3.1  
## [4,] 4.3  
## [5,] 5.5  
##   
## $`VPK\_Child VPK Alternative`$freqtable  
## Divorced/Separated Living with partner\nin same household   
## 5 3   
## Married Single   
## 73 10   
## Missing/NA   
## 0   
##   
## $`VPK\_Child VPK Alternative`$proptable  
##   
## Divorced/Separated Living with partner in same household   
## 0.05494505 0.03296703   
## Married Single   
## 0.80219780 0.10989011   
## <NA>   
## 0.00000000

png("AlternateArrg\_Trouble.png")  
 par(mar = c(10.1, 4.1, 4.1, 2.1))  
 par(las=2)  
 barplot(apply(data$SRCombined[Sect3Indx,grep("^Trbl",names(data$SRCombined))], 2, function(c){sum(as.numeric(c),na.rm=TRUE)}))  
 dev.off()

## quartz\_off\_screen   
## 2

# Export data.

write.csv(data$VPKCombined,"VPK\_12-11.csv")  
write.csv(data$SRCombined,"SR\_12-11.csv")