



H YZv ARaVc` \_ 2WkkR:\_df ]Z\_  
2 "# ^ ` \_eY Def Uj

EYV ac` Uf TeR\_Rj dZ eYReYRd]VU e` eYV ac` a` dR]  
` WR\_Vh edVRe^ V\_eaRdRUZ^ WcEj aV" R\_UEj aV# UZRSVeVdZ

GUMi 5ZRSVeVdÉ 5VTV^ SVc\* t#! "(

# ERS]V` W4` \_eV\_ed

:\_ec` Uf TeZ \_ \_\_\_\_\_ \$  
5Zd]RZ^ Vc \_\_\_\_\_ \$  
6]V^ V\_ed` W6gR]f ReZ \_ \_\_\_\_\_ %

DRWej \_\_\_\_\_ &  
9j a` X]j TV^ ZR \_\_\_\_\_ &  
Def Uj " É 8V\_VcR] AREZ\_e@SdVcgReZ \_d \_\_\_\_\_ &  
Def Uj # É DVgVcV]j :\_df ]Z\_CVdZdeR\_eAREZ\_et4> \_\_\_\_\_ )  
Def Uj \$t2†8† F dV` W2WkkR\_Z\_?`\_†5ZRSVeZ \_\_\_\_\_ \*  
4` ^ ^ V\_ed` \_ Def UZ/dZ\_?`\_†5ZRSVeZ :\_UZgZf R]d \_\_\_\_\_ "%  
Def Uj &2†4†DRWej ` W2WkkR\_Z\_ Ej aV# AREZ\_e \_\_\_\_\_ "%  
4` ^ ^ V\_ed` \_ Def UZ/dZ\_ 5ZRSVeZ AREZ\_ed \_\_\_\_\_ "'  
@eYVc8V\_VcR] > VUZTR] CZNd \_\_\_\_\_ "'  
Df ^ ^ Rg ` WDRWej 7Z\_UZ\_Xd \_\_\_\_\_ "(

6WTRTj \_\_\_\_\_ #'  
DaWU \_\_\_\_\_ #'  
Def Uj ' 2†4+†F dV` W2WkkRH ZeY > ` UVde> VR] \_\_\_\_\_ #'  
4` ^ ^ V\_ed \_\_\_\_\_ ##  
4` ^ aRcd \_ e` :\_[VTeU:\_df ]Z\_ \_\_\_\_\_ #\$\_  
Df ^ ^ Rg ` W6WTRTj 7Z\_UZ\_Xd \_\_\_\_\_ #\$\_

CV]ReZgV F eZ]ej \_\_\_\_\_ #%  
Ej aV" \_\_\_\_\_ #%  
Ej aV# \_\_\_\_\_ #&  
:\_df ]Z\_ \_\_\_\_\_ #  
Df ^ ^ Rg ` W7Z\_UZ\_Xd` \_ CV]ReZgV F eZ]ej \_\_\_\_\_ #(

F dRXV 8f ZUV]Z\_Vd \_\_\_\_\_ #)

2? Vh Ed/Re^ V\_eARcRUZ^ Z\_ 5ZRSVe/d \_\_\_\_\_ \$!  
EYVA` T\VeAR\_TcVRd \_\_\_\_\_ \$!  
#EYZ\_Xde` > R\_RXV 2\_j GRcRS]V \_\_\_\_\_ \$'  
2WkkR 7Zcd†2WkkR:\_deVRU†2WkkR 2]h Rj d \_\_\_\_\_ #\$\_

2 7Z\_R]H` dJ \_\_\_\_\_ \$%

# :\_ec` Uf TeZ \_

EYVaf ca` dV` WeyZdH YZAVARaVcZde` dVa` ceGUMi Ix\_UZ\_XdZ\_Zeddef Uj ` W2WkkRkR\_ 752fRaac` gVUk  
Z\_YR]VUkacR\_UZ]Z\_df ]Z\_ ac` Uf Te^ R\_f WRTef dU Sj > R\_\_<Z\_U4` ca` dReZ \_Z` DaVTZ`TR]]j kGUMi T \_Uf TeVU  
\_f^ Vc` f ddef UZ/d` gVcR"#^` \_eY aVcZ Ue` f \_UVcdeR\_U gRcZ f dReccZSf eVd` W2WkkRkR` YVJa UVx\_V eYV  
SVdef dV` WeyV ac` Uf TeR\_Ue` f \_UVcdeR\_U eYV SVdeadRTeZTVde` SVW]]` h VUZ\_ ad/dTcSZ\_X` cdVT ^ t  
^ V\_UZ\_X eYV ac` Uf TeZ 2dR dVdf ]e` W h YReh VYRgV ]VRc\_VUkGUMi ZidVT ^ ^ V\_UZ\_X R\_Vh edVRe^ V\_eaRd  
RUZX^ Wch YReZdeYVh` cJUId^` deadvgr]V\_eUZVRdVLR\_UR]d` \_V` WeyV^` deVi aV\_dZgV e` edVReZ` H V  
V\_T f dRXV` eYVade` aVdVc^ eYVZc` h\_W]]` h t` \_eVdeZ\_X e` RUU e` eYV\` \_` h ]VUXV SRdVRS` fe2WkkRZ

EYVdV def UZ/dh VdV UvdZ\_VU WcZ\_eVc\_R] f dV` \_]] R\_U5@?@E af ca` ce` ^ WeeYV deR\_URdJd` W752  
T]Z\_ZR] eoz]dZ`? VgVceYV]VdLkGUMi x\_UdeYV dVdf ]edYXY]j ac` SReZgVZ

GUMi YRdTY` dV\_ e` d]VRdV eYZdH YZAVARaVcaf S]Z]j Uf Ve` eYV\_WU WcSVeeVceYVdRaZ/de` T \_ec` ]eYV  
Vi a]` UZ\_X UZVRdV` WUZRSeVdZ` EYV ]VgV]` WTRdV WcaV` a]Vh ZeY UZRSeVdZ` eYV F D ZidZ` \_WU` WdZ\_X t  
TR\_eZ` ac` gV^ V\_eZ` H YZV` gVceYV aRdeUVTRUV` cd` eYVdV YRdUVgV] aVURac` WdZ` \_` W` VUZReZ` \_de`  
edVReYV UZVRdV` eYV ]VgV]` WTRdV dV^ de` SV dV]ReZgV] f \_TYR\_XVUkZV` eUVT]Z\_Z\_XZ

## 5Zd]RZ^ Vc

2]] dV RUVcd dV` f ]U SV Rh RdV eYRed` ^ V` WeyV aV` a]V Rdd` TReVU h ZeY GUMi th Y` R]d` aRoeZTaReVU\_Z  
d` ^ V` WeyV def UZ/dLRdV dYRdV` ]UVcd` W` R\_\_<Z\_U4` ca` dReZ \_Z`?` \_Vh` cdRde` cZidT ^ aV\_dReVU Sj t  
> R\_\_<Z\_U4` ca` dReZ \_tY` h VgVcZ` H V adVdV\_e eYZidUZd]RZ^ Vcd` dRUVcdh Z]] SV Rh RdV` WeyV a` eV\_t  
eR] WcSZRdZ` eYV dVdf ]edadvdV\_e UZ` GUMi dVTVZgVd` \_` T ^ aV\_dReZ` \_ WcadVdTcSZ\_X 2WkkR W` ^ R\_j  
d` f cTVLR\_U` \_` T ^ aV\_dReZ` \_ W` ^ > R\_\_<Z\_U4` ca` dReZ` \_ WcZed dVdRcTY` cT` \_T]f dZ` \_dL` cYRdR\_j t  
` \_V Rdd` TReVU h ZeY GUMi VgVcdVTVZgVUR\_j T ^ aV\_dReZ` \_ W` ^ > R\_\_<Z\_U4` H V h VdV` \_VZeYVcXf ZVUk  
\_` cRUGZVU Sj > R\_\_<Z\_U4` ca` dReZ` \_Z` f cdef UZ/dLR\_U eYVT ^ aR\_j` h RdT ^ a]VeV]j f \_Rh RdV eYRe  
h VYRU VgV\_ T \_Uf TeVU df TY def UZ/dZ` 2d deReVU RS` gVLeYVdV def UZ/dh VdV aVdVc^ VU D@=6=J WcGUMi I  
Z\_eVc\_R] f dVZ

EYZidVa` ceh Z]] ]RT\ d` ^ V` WeyV cZ` cd` WdWd dVgZ/h VU RoeZ]Vdaf S]ZdYVU\_Z` ^ VUZTR] [ f c\_R]dLsf eYRe  
Zd` \_` eZedaf ca` dVZ` 5f V e` dVa` ce eYRe eYV 752f dVbf ZVU ]RSV]` W2WkkR ZidYXY]j ^ Z]]VRUZ\_X` WZed RTef R]  
cZidR\_U SV\_Vx eLR\_U` h Z\_X e` GUMi IZ\_eVdVdeZ` \_ WwCZ\_X deReV` WeyV RceUZRSVeVd TRdVLeh Rd` f cUVdZV  
e` E]VRc` Wc` f cdVgVdL` eYV eaf eY RS` f eYV ac` Uf TeZ` :W h V h VdV X` Z\_X e` adVdTcZSV Zeh V h VdV X` Z\_X e`  
f \_UVcdeR\_U ZeZ

D` ^ V` W f cdef UZ/dh VdV af dV]j ` SdVcgReZ` \_R]Z` H V adVdTcZSVU eYV Ucf X R\_U ^ ^ \_Ze` dVU eYV dVdf ]ed eYRe  
aReZV` edRTYZVgVUZ` 7c` ^ eY` dV\_Z` ZeR]` SdVcgReZ` \_dLh V UvdZ\_VU eVd e` Wf ceYVcf` \_UVcdeR\_U gRcZ f dRd  
aVTed` WeyV ac` Uf TeZ` H V 5@?@E ReeV^ aeYVdV e` Wf]]j Vi a]RZ` Y` h eYZidUcf X h` cdZ` :eZidWc` eYVade`  
UVerZ] eYV adVZdV` ^ VTYR` Zid` \_` WRTeZ` \_Z` H V d` f XYee` f \_UVcdeR\_U H 92E eYV Ucf X U` VdL` \_` e` \_VTdRcZ]]  
9@H ZeU` VdZeZ` H V h Z]] Yj a` eYVdZVRS` f eYV 9@H e` eYV Vi eV\_eh V Ww] T ^ WcaRS]VLSf eh VV\_T f d  
RXV Wf ceYVcdef Uj Sj` eYVade` T ^ a]VeV]j Vi a]RZ` \_` f c` SdVcgReZ` \_dZ

# 6jV^ V\_ed` W6gR]f ReZ \_

:\_` f cVgR]f ReZ \_` W2WkkR]h V Wtf dMU` \_ eYV W]] h Z\_X \Vj a` Z\_ed+dRWej tVWTRTj tV]ReZgV f eZj tR\_U  
f dRXV Xf ZUM]Z\_VdZ DRWej h Rd` f c x c d e a` Z\_e` Wf \_TVc\_XZgV\_eYReUZRSVeVdZiR dV]W^ R\_RXVU UZVRdVZ  
7f c eYV dZ\_d f ]Z\_YRdR UVdVgVU dVaf eReZ \_Z\_eYV^ VUZTR]T ^ ^ f\_Zej RdSVZ\_X a` eV\_eR]]j UR\_XVc f d  
d ^ VeZ^ VdUVRU]]j Z:eZi eYV dV Rd` \_ eYRe eYV UZRSVeV d e dV Re^ V\_eac e` T ]dTR]] Wcf dV` VZ\_d f ]Z` \_]j ]ReV  
Z\_eYV UZVRdV ac TVddRW]caReZ/\_edYRgV d ^ VeZ^ Vd d f WwVU dVgVdVgV\_aVc^ R\_V\_eUj dW\_TeZ \_Z

2WkkR Z dZ\_d f ]Z tR\_U f a` \_ ]VRc\_Z\_X eY ZL^ R\_j ac gZUVcdaZV \_fY` ]V eYV ac Uf Te` \_ eYReSRdZJVeL  
^` deac WcdZ \_R]` cXR\_ZReZ\_d dV T ^ ^ V\_UVRdZ]c f dV` VZ\_d f ]Z\_e` T \_ec` ] eYV UZVRdVZ > R\_\_<Z\_U  
4` ca` dReZ \_R\_U^ R\_j` eYVcRUG` TRedV T \_eV\_Uk eY` f XY eYV 752 T]Z\_ZTR] UR eU` Vd` \_ edf aa` c eR T]RZ^  
` VXdVReVcdRWej h Z eY 2WkkRZ` @f caf ca` dV h Rd e` Z\_gVd eZReV eY Z dWc` f c dV]gVdZ

6WTRTj ZL` Wf f c d M R` \_ SgZ f d Z d f V e` M i R^ Z\_VZH V h R\_eU e` VgR]f ReV W WTRTj S` eY Z\_eY V R S d ]f eV  
dV\_dV` WdUf TZ\_X T Z T f ]ReZ\_X S]` \_ U X]f T dV ]VgV]dR\_U Z\_eYV dV]ReZgV dV\_dV RdT ^ aRdU e` eYVcX]f T dV  
] h VcZ\_X eYVdRaZ/d Tf c dV\_ej Z\_f dVZ

H V R]d` h R\_eU e` d e f U j eYV f dV` W2WkkR e` f\_UVc d R\_U eYV a d R T e Z T R] d V R] Z e V d Z^ a R T e Z\_X a R e Z/\_ e d f d V  
` W e Y V a c U f T e R\_U a Y j d Z T R\_ a c d T c Z S\_Z X e Y V c V W

TZ\_R]]j t` f c X` R] h R d e` f\_UVc d R\_U h Y V c V e S R d M U f a` \_ eYV W R T e` c d R S` g V t 2WkkR x e d h Z e Y Z\_eY V a Y j t  
d Z T R\_ i d U Z R S V e V d e d V R e^ V\_e R c^ R^ V\_e R c Z ^ Z 252 a c e` T ]d T f c dV\_ej T R]] W c e Y V f dV` VZ\_d f ]Z\_R W c  
a R e Z/\_ e d V R T Y R a V c d Z e V\_e 2` T` W` ` c R S` g V Z D f T Y a R e Z/\_ e d R c V d V g V d V j f \_ T \_ e c` ] ] V U R\_U ^ R j Y R g V  
R] d V R U j d f W w V U a V c^ R\_V\_e U R^ R X V Z H V h` \_ U V c U Z W e h V c V a` d d Z S] V e` ^ R \ V X d V R e V c f d V` W2WkkR e`  
S V e e V c e d V R e a R e Z/\_ e d V R c j Z c Z\_eY V Z c U Z V R d V Z H V R]d` d` f X Y e e` a c g Z U V X f Z U R\_T V e` G U M i a Y j d Z T R\_d h Y`  
h` f ] U S V f d Z\_X e Y V a c U f T e Z H Z e Y e Y V a f S ] Z T d V R d V` W e Y Z i a R a V d h V` \_ h d Y R d V e Y R e X f Z U R\_T V h Z e Y  
` e Y V c a Y j d Z T R\_d U V d Z c Z\_X e` R U U 2WkkR e` e Y V Z c a d R T e Z V d Z

2d R d V d f ] e` W f c Z\_g V d e Z R e Z \_ t h V R c V T ^ a V ] ] V U e` d V T ^ ^ V\_U R\_V h e d V R e^ V\_e a R d R U Z X^ W c U Z R S V i  
e V d Z @ ] U Z U V R d U Z Y R d U t V d a V T Z R]]j Z\_ ^ V U Z Z\_V Z 3 f d e Y V d V Z i R a` Z\_e h Y V\_e Y V S` U j` W X` \_ h ] V U X V S V i  
T ^ V d d` d f S d e R\_e Z] e Y R e Z e T R\_ \_` ] \_ X V c S V Z` \_ d U Z ?` c T R\_ Z e V e Y Z T R]]j` c ^` c R]]j S V Z` \_ d U h Y V\_  
] Z g V d R d V R e d e R V Z 2 d ^ V R d f d U S j 9 S 2` T U Z R S V e V d Z i V d d W W T e Z g V j j ^ R\_R X V U e` U R j e Y R\_Z\_j V R c d a R d e Z  
E Y Z i Z d` \_ e R T T V a e R S] V t R\_U e d V R e^ V\_e\_V T V d d R c Z j \_ W U d e` T Y R\_X V Z

4] V R c j t R U Z W W d\_e R a a c` R T Y e` e Y V e d V R e^ V\_e` W U Z R S V e V d Z i T R]]j V U W c Z E Y V e c Z U R\_U e d V t e Y V T \_ g V\_ t  
e Z \_ R] e Y R d\_ i e h` c V U Z : e Z i e Z^ V W c S] f \_ e Y` \_ V d e T ] V R d Y V R U M U t R\_U T c V R e Z g V e Y Z \_ Z\_X R S` f e e Y Z i a c S t  
] V^ Z H V Y` a V e Y Z i d V a` c e d e Z^ f ] R e V d U Z i T f d d Z \_ R\_U T \_ e c Z S f e V d e` R S V e e V c d ] f e Z \_ Z

# DRWĕj

## 9j a` Xj TV^ ZR

H ZĕY R]] UZRSVe/ded/Re^ V\_edŁdRWĕj Rdbf ^ VdXcVReVcZ^ a` œR\_TV eYR\_h ZĕY ^ ` de` eYVcUZMRdVdŹ 5ZRSVf eVdZŁdV]W^ R\_RXVUŁR\_U ^ ` de]] RaVc^ R\_V\_eUZMRdVŹARĕZ/\_ed eR\V ^ VUZTRĕZ \_` W\W ^ f ]eZa]V eZ^ VdaVc URj f\_UVcR]] d` œd` W\T \_UZĕZ \_d]j VecRdV]j f\_UVcUZVTe^ VUZTR] df aVgZŁZ \_ŹEYVj RđV S` f\_Ue ^ R\V ^ ZĕR\VdZ\_eYVZcf dV` WR\_j ^ VUZTRĕZ \_ŹEYVcVWdŁZĕZŁVddV\_eR] eYReR\_j ^ VUZTRĕZ \_ f dU YRdRdSc` RU RđRWĕj ^ RcxZ\_ Rda` dŁS]VŹ

EYVcV RđV UZM\cV\_eV]V^ V\_edRW\TeZ\_X eYV Zđf V` WđRWĕj Ź7 cVf R^ a]VĕY` h VRđj ZŁZĕe ^ R\VR ^ ZĕR\V h ZĕY RaRœZf ]Rc^ VUZTRĕZ \_th YReZŁeYV UVXdV` WUR^ RXV` cZ^ aRZc^ V\_edVdf ]eZ\_X Wĕ ^ eYRe^ ZĕR\VŁ R\_UY` h ZŁVRđj ZŁZĕe T` cVTe eYRe^ ZĕR\VRW\cZĕZŁ^ RUVŹ:UVR]]j ŁR ^ VUZTRĕZ \_ h` f ]U SV UZM\Tf ]eĕ ^ ZŁf dVŁR\_U ZM^ ZŁf dVUth` f ]U ac` Uf TV ]ZĕjV Z^ aRZc^ V\_eR\_UR\_j Z^ aRZc^ V\_eh` f ]U SV VRđj T` cVTeVUŹ

@f c^ RZ\_ T \_TVc\_h Rđ` gVdJ` dZ\_X` VZ\W\kkRR\_Uac` Uf TZ\_X Yj a` Xj TV^ ZRŁSj WRceYV XcVReVdeT` \_TVc\_h ZĕY R\_j f dV` VZ\_d] ]Z\_ŹDZ\_TV 2W\kkR ZŁSZ ŁZUV\_eZTR] R\_U` eR\_Z\_d] ]Z\_ R\_R]` XŁR\_U SVTRf dV ZĕdaYRđ ^ R\Z\_VeZŁaYRc^ Ruj` R^ ZŁA<ŹA5/ac` x]V\_VRđj aVcWTe]] dVa]ZTRĕVd` c^ R] aR\_TđVReZ W\TeZ \_Ł` f c SV]ZM\h RdeYReZĕh` f ]U SV UZM\Tf ]eĕ` ac` Uf TV Yj a` Xj TV^ ZRŹH VđV Rđ` \_VU V\œYVceYReUf Vĕ eYVA<Ź A5 ac` x]VĕT` ^ ^ f \_ZTRĕZ \_ SVĕh W\_ eYVaR\_TđV RđR\_U ]ZĕVch` f ]U SV Z^ ac` gVU df TY eYRe eYV ]ZĕVch` f ]U h` cĕ` T` f\_eVdRTe]` h S]]` U X]f T` dV ]VgV]dh ZĕY eYV dV]VRđV` W\VaReZ X]f T` dV h YV` \_WU VUŹ:\_ W\WTeŁ eYV ]ZĕVch` f ]U dVXRZ\_ Zĕd` c^ R] W\TeZ \_` W\h` cĕ` X YRc` ^ \_Z f d]j h ZĕY eYVaR\_TđV Rđĕ` SR]R\_TV R\_U dĕRSŹZkV S]]` U X]f T` dV ]VgV]dŹ

H ZĕY Z\_[VTeVU\_Z\_d] ]Z\_ŁeYV ScVR\U` h \_Z\_ T` ^ ^ f \_ZTRĕZ \_ SVĕh W\_ aR\_TđV RđR\_U ]ZĕVcZŁeYV d` f cTV` WĕYV WRđd` Wĕj a` Xj TV^ ZRŹ:eRaaVRđeYRe eYV ]ZĕVc` WUđR\_VRđj daZV` VZ\_d] ]Z\_ŁeYV d` ŁTR]]VU 7ZĕĕAYRđV Z\_d] ]Z\_dVda` \_dVĕe` SV\_Z` ac` aVcT` ^ ^ f \_ZTRĕZ \_ h ZĕY eYV ]ZĕVcŹEYRedaZV` VZ\_d] ]Z\_dZ\_X\_R]d eYV ]ZĕVcŹH V \` h eYReZ\_[VTeVU\_Z\_d] ]Z\_ 5@6D? @E ac` Uf TV R\_VRđj daZVŹ

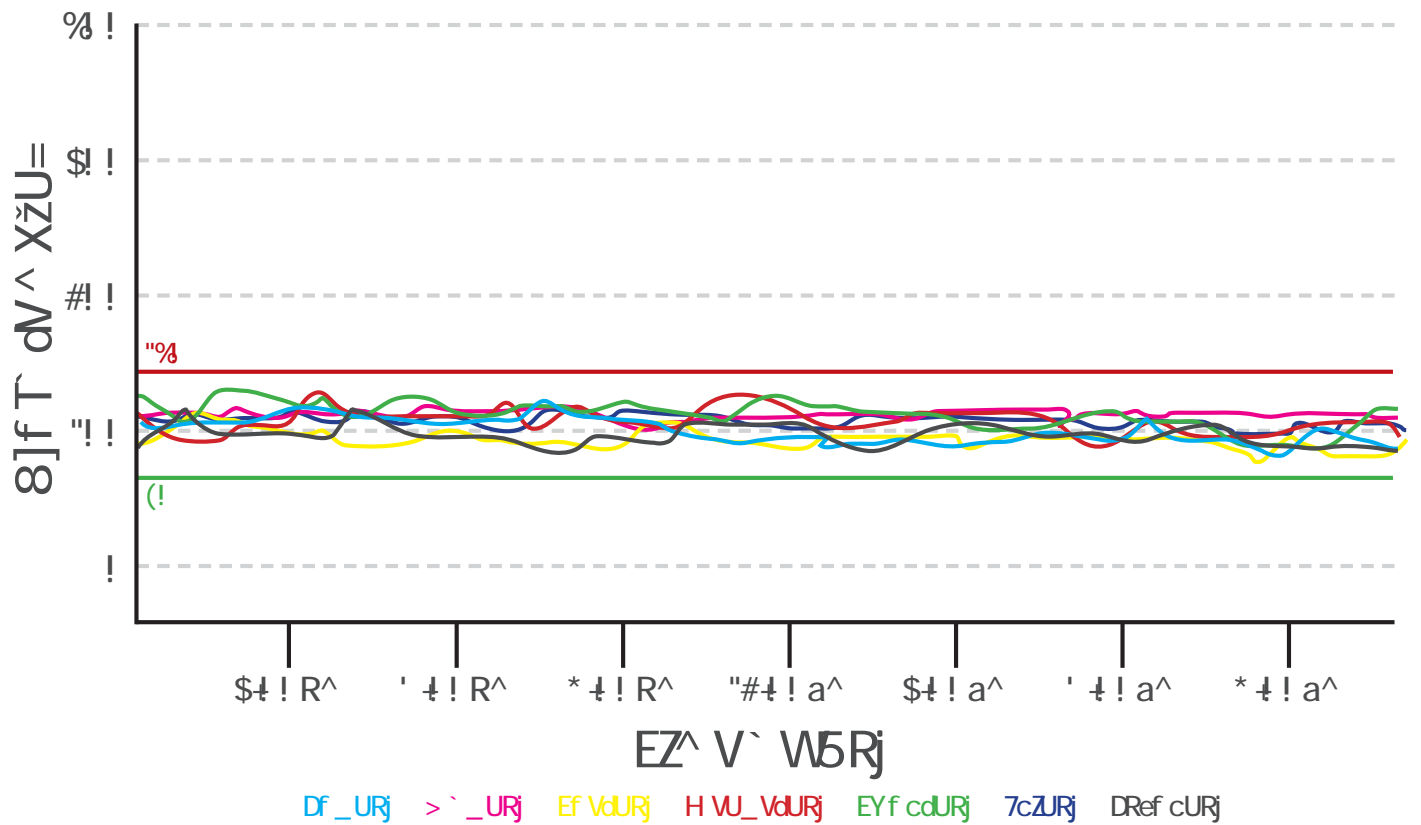
## Def Uj` " É 8V\_VđR] ARĕZ/\_e@SđVgReZ` \_

:\_ eYVT` f cđV` WĒUVf Ĩed/Re^ V\_eh VYRgV W]]` h VU \$!` dR\_U` ^ ]j dV]VTeVU aReZ/\_ed` WUZM\cV\_eVeY\_ZTRĕZ/dŁ XV\_UVcŁRXVdŁZ\_T]f UZ\_X [f gV\_ŹVđR\_U UZM\cV\_eĕj aVdŁS` eY` , #ŁRđh V]] RđUZM\cV\_eĕeRXVd` WUZMRđV ĩVRđj R\_U]ReVŁe^ ŹU]] T` \_ec` ]]VUĕ` dVgVdV]j f\_T` \_ec` ]]VUŹH VYRgVj Veĕ` dV R dZ\_X]V TRđV` W\VgVcV Yj a` Xj TV^ ZRŹ:\_ VRTeŁh VđRh ]VdVj a` Xj TV^ ZR` gVđR]] RđaReZ/\_edŁ S]]` U X]f T` dV ]VgV]dØReeV\_VUR\_U dĕRSŹZkVUŹH VYRgV eĕVReVU S` eY Z\_d] ]Z\_ RŁĕV R\_U Z\_d] ]Z\_UVaV\_UV\_eaReZ/\_edŁaReZ/\_edh ZĕY dV Rđ` \_RS]V T` \_ec` ]i2"T` W Ź/R\_U dVgVdV]j f\_T` \_ec` ]]VUi2"T` W%ŹH VYRgV eĕVReVU aReZ/\_edRe]` h U` dVdŁ% f \_Zĕd ReUZ` \_Vc` \_j/R\_U YZY U` dVdŁ\$!` f \_Zĕd Re eYdV` ^ VR]dWc"!` !` f \_ZĕdZ` R URj /Ź

H Vđĕc` \_Xj] dV T` ^ ^ V\_UVU eYV f dV` W\T` \_eZ` f` f dX]f T` dV` ^` \_Zĕ` cđŁ48>/Z\_ZR]]j Z\_R]] aReZ/\_edŁ Sf e` \_eR]]` aeVUĕ` f dV eYV UVgZVdŹ 7c` ^ eYVZc` 48>` dVRUZ\_Xdh VđRh RgVĕj T` \_dZĕV\_eaReeVc` ŹARĕZ/\_edŁ S]]` U X]f T` dV ]VgV]dØReeV\_VUŁeYVZYXdh VcV\_ĪeRdYZXY R\_U eYV]` h dh VcV\_ĪeRd]` h Ź:\_` eYVch` dŁĕ h VđRh ]` h VcVU 9S2"T` dVRUZ\_Xd2? 5 ]VdVj a` Xj TV^ ZR 2E E96D2> 6E:> 6Ź

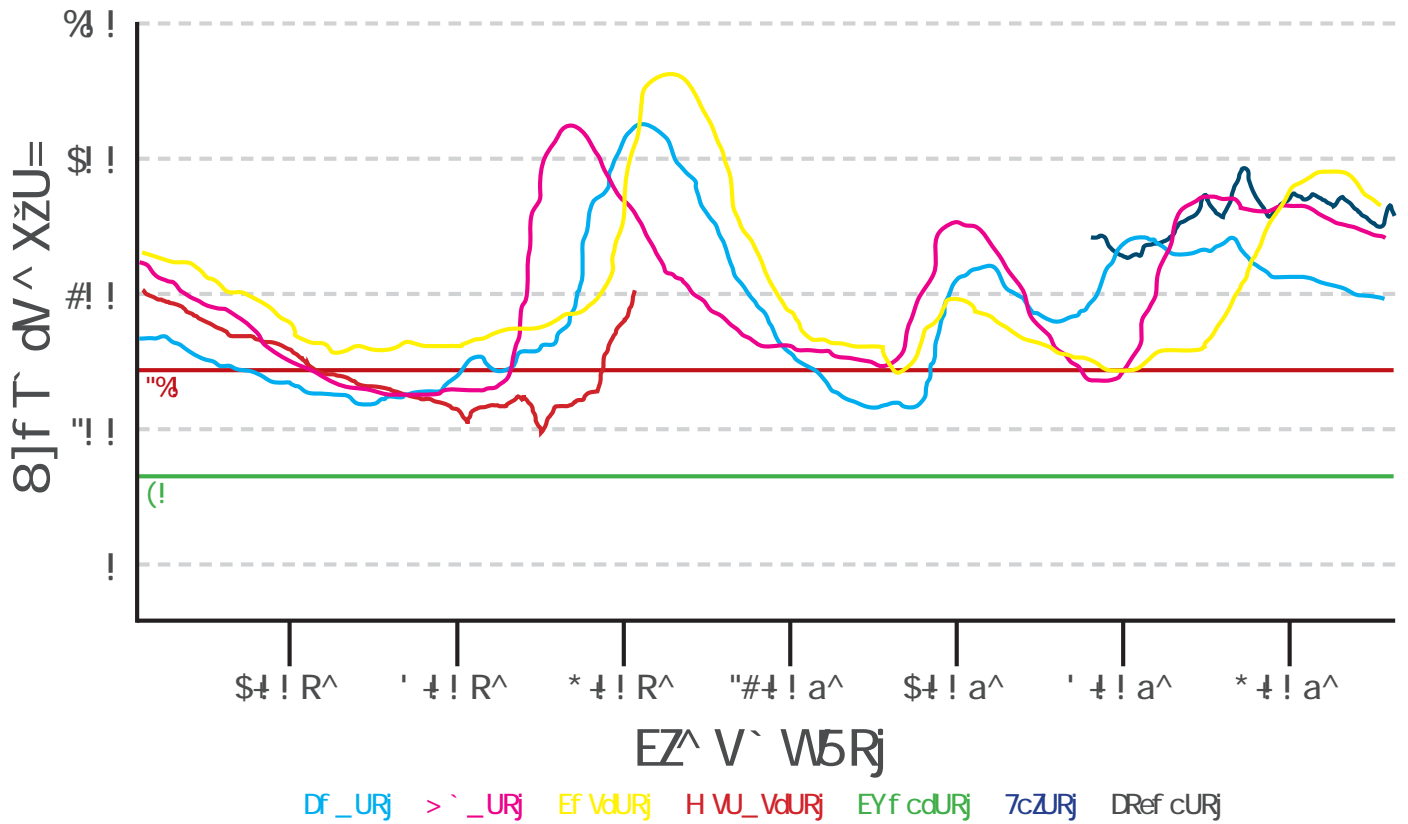
7Zxf d/d "ŽÉ \$ŽSV] h dMgVe ^ R\VeVa` Z\_eh V]]ŽEYV xcdē Z]]f dēReVdej aZTR]ē` \_fUZRSeZT X]f T dV ]VgV]d  
 Rd ^ VRdf dU` \_ R 48> ŽEYV dVT \_U dY` h d 48> eRTZ\_XdWcej aZTR] Z\_df ]Z fUVaV\_UV\_eUZRSeZT S]` ` U  
 df XRC]VgV]dLR\_U eYV eYZU dY` h dh YRe TR\_ SVRTYΔ/gVU` \_ 2WkkRŽ H YZV` eR]] aReZ/\_ed TR\_ RTYΔ/gV  
 eYV ]VgV]` W` \_ē ] dVØVTeU Z\_eYV eYZU XcRaYt2= 27C6KK2 F D6CDE92E H 6DEF 5:65 D9@H 65 7=2E  
 E6? 65 4F OG6Ddf TY Rd Z] Z]]f dēReVU YVcVŽ

?` \_fUZRSeZT 3]` ` U Df XRC =VgV]d



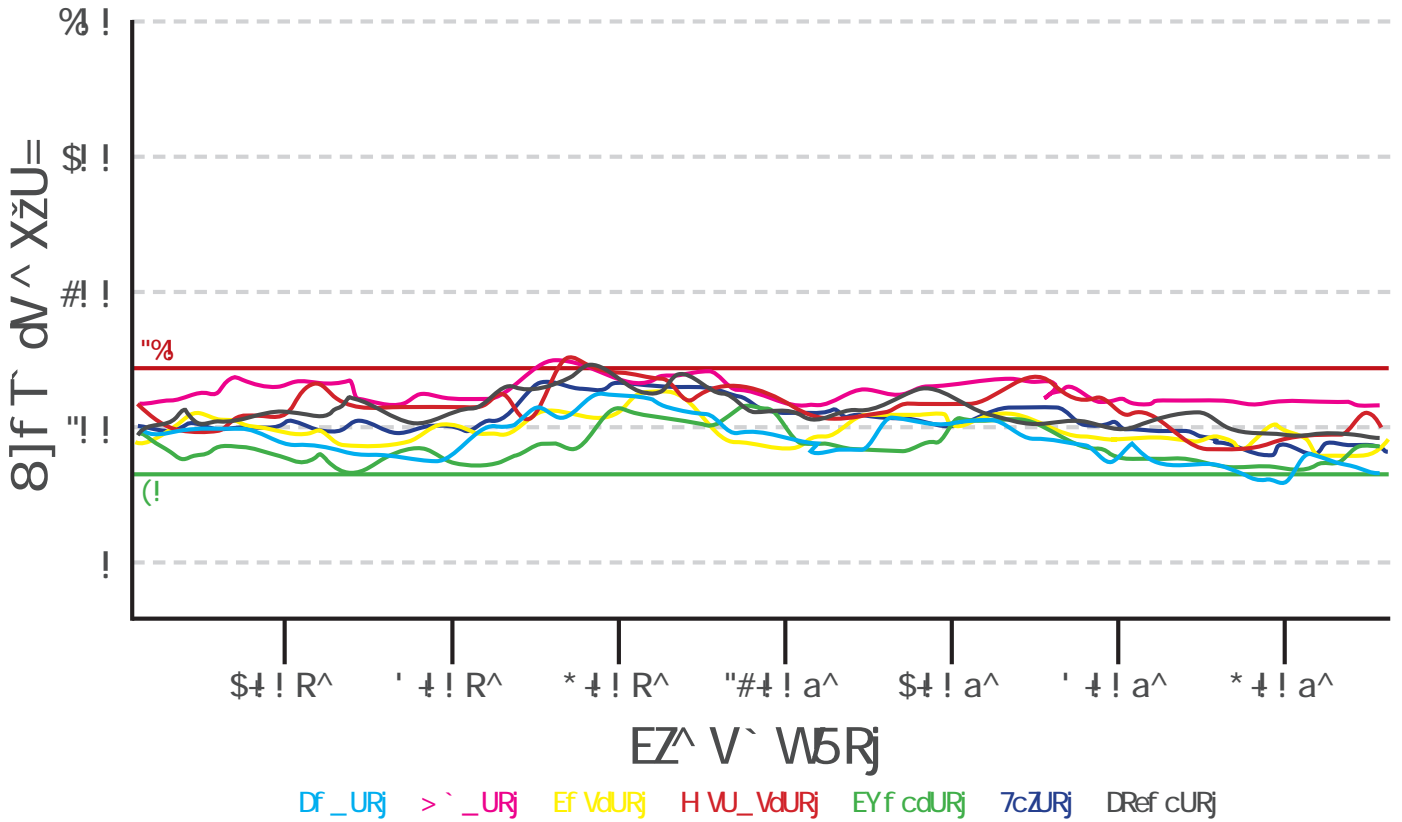
7Zxf d/d "ŽÉ ?` \_fUZRSeZT 3]` ` U 8]f T dV =VgV]d

# 5RSVeT 3] ` ` U Df X Rc =VgV]d



7Xf dV #ZÉ 5RSVeT 3] ` ` U 8]f T dV =VgV]d

# 3] ` ` U Df X Rc =VgV]dh Y Z]V ` \_ 2WkR



7Xf dV \$ZÉ 2WkR 3] ` U 8]f T dV =VgV]d

## Def Uj ` #É DVgVd/]j :\_df ]Z\_ CVdZbR\_eAReZV\_eÉ 4Ž> Ž

H V e d R e V U ` \_ V E j a V # a R e Z V \_ e h Y ` a c d d V \_ e U h Z e Y W d e Z \_ X X ] f T d V ] V g V ] d h V ] ] R S ` g V # ! R \_ U a ` d e a d R \_ t U R ] d a Z V d h V ] ] R S ` g V # ! Ž E Y V a R e Z V \_ e h R d f d Z \_ X a d R \_ U R ] a ] f d Z \_ [ V T e U U Z \_ d f ] Z \_ R \_ U V i Y Z S Z e V U d V g V d V Z \_ d f ] Z \_ d V d Z b R \_ T V i D C Ž H V S V X R \_ e d V R e ^ V \_ e S j d f S d e Z e f e Z \_ X 2 W k k R W c e Y V a d R \_ U R ] Z \_ d f ] Z \_ t R \_ U d e V R U Z ] j Z \_ T d V R d M U U d R X V d ` W 2 W k k R f \_ e Z e Y V a R e Z V \_ e h R d R U ^ Z \_ Z e V c Z \_ X \* ' f \_ Z e d ` V Z \_ d f ] Z \_ V R T Y ^ V R ] ` c R ] ^ ` d e \$ ! ! f \_ Z e d ` V Z \_ d f ] Z \_ U R ] j Ž H V 5 : 5 ? @ E R U ] f d e e Y V S R o R ] U ` d Z \_ X Ž

H Z e Y Z \_ e h ` h W d e Y V a R e Z V \_ e d W d e Z \_ X X ] f T d V U c a a V U Z \_ e R d R \_ X V ` W \$ É ") ! t ] V g V ] d e Y R e d Y V E T f ] U \_ i e d ^ V ^ S V c h Y V \_ L d Y V N h R d V g V c e Y R e ] h Ž D Y V Y R U \_ ` Y j a ` X ] j T V ^ Z R Ž 9 V c a ` d e a d R \_ U R ] d a Z V d h V d V X d R e j j c V U f T V U Ž 5 V d a Z e V e Y Z i U d R ^ R e Z i Z ^ a c g V ^ V \_ e h V h V d V \_ ` e R S ] V e T \_ e Z \_ f V T R d V W c e Y Z i a R e Z V \_ e U f V e R ] R T \ ` V Z \_ d f d R \_ T V T g V d R X V W c e Y V ^ V U Z i R e Z \_ Ž

4`\_T]f dZ \_+VgV\_ ^ R d d Z V U d V d ` W 2 W k k R Z \_ d ^ V a R e Z V \_ e d d W ^ \_ ` e e ` a c U f T V Y j a ` X ] j T V ^ Z R Ž



# Def Uj \$2 É 8t9` h 2WkR` dZ\_R?` \_fRSVeT

:\_ eYzdVcZd` Wdf UZ/dh V VgrJf ReVU eYV RTEz \_` W2WkR` \_fRSVeT` c^ R]kaVad` \_Z@f c  
dReZ` \_R]Vh Rd eYReh` \_eY` R` c^ R]j] W\_TeZ` \_Z\_X` jZgVcR\_U aR\_Td/Rd h VT f ]Uf dV 2WkR` h` eY` ]Ze]V cZk  
UVdaZ eYV WTe eYRe eYV df S[VT eYRU` c^ R] Z` df ]Z` dV` dZgZj` ŽEYVdV h VdV` eScZe]V df S[VT eZ` EYV  
dj` ^ aY` \_j` ^ RZ` eRZ` \_X S]` ` UX]f T dVY` ^ V` deRdZ dY` f ]U SVRS]V e` RSd` cS` eYV WWTed` W2WkR` h` eY`  
]Ze]V cZk` H` Vt` VT` f` c` m` e` c` TWUVU XdRUF R]j] e` Xd/ReVc]VgV]d` WTYR]V\_XVZ

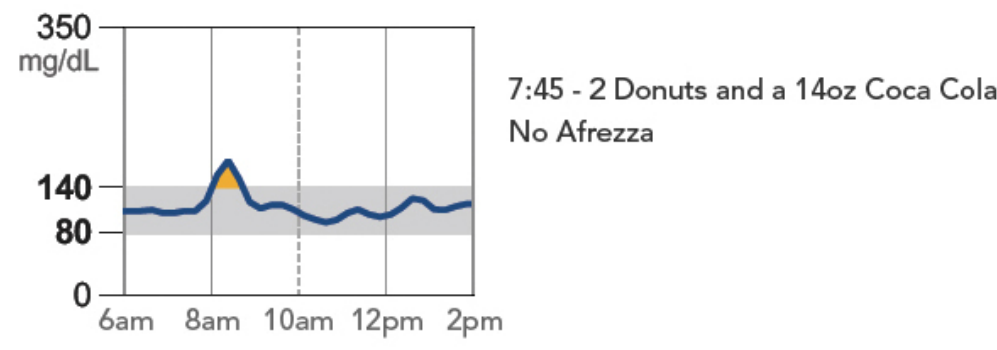
H V R]d` W]eh VT f ]U gZ]h 2WkR` \_Rd` ^ Vh YRE]T]VR` ]` dVeeZ` \_X` dZ` TV eYVdV` \_U` Z]Uf R]d YRU` ` SgZ` f` d  
S]` ` Udf XRCt` \_ec` ]ac` S]V` ^` dZ` EYVj` h` VdV` \_` c^ R]Z

H V h Vd/RS]V e` dVa]ZTReV eYV` \_U` \_XdSV]` h` Z` ` eYVcaReZ/\_edR\_U adVd\_eh YReh V SV]Z/gV e` SV d/adV  
dV\_eReZ]V dVdf ]eZ

## Def Uj \$2 É 8]f T dV` ^` \_Ze` cZ\_X` WZ` a]V TRcS` Yj UeReV` ^ VR]t SRd]Z` V

5VdZ` \_ZEYVg` ]f\_eWcdf S[VT eR` ^ R]Vt` \_fRSVeT` \_e` Sv dVt&` j VRd` WRXVth VRcZ` X R 7dVDej ]V =ZdV  
Ac` 4` \_eZ` f` f` d8]f T dV` >` \_Ze` c148>/Sj` 2SS` eeth RdZ` dcf TeVU e` VR` eV` ^` "!"` !` !` a` ^` f` \_eZ` ( #&R`  
R\_U eYV` \_VReR` \_Vi` eV` ^` V]j` YZYkZ` a]V TRcS` Yj UeReV` ^ VR]T` \_dZ` eZ` \_X` ` Wth` ` U` \_f` e` d` a]f` d` "%` f` \_TVd` ` W  
dXf ]Rc4` TR4` ]R` x` c` e` eY` Z` \_X` Z` eYV` ^` ` c` \_Z` \_X` R` \_U` ` eYZ` \_X` V]dVZ` :` \_e` eR]` eY` Z` ^` VR]` Z` g` ]gVU Raac` i` Z` ReV]j  
)!! TR]` cZ/d` WVV` UeT` ^` acZ` MV` W#( XdR` ^` d` WVR` "\$` XdR` ^` d` WTRcS` Yj UeReV` R\_U` \*` XdR` ^` d` V` ac` eVZ` Ž  
EYV TRcS` Yj UeReV` T` \_eV` \_eZ` T]f UVU` %` XdR` ^` d` WZ` ^` a]V df XRcZ` EYV df S[VT eT` \_df` ^` VUS` eY` U` \_f` edR` \_U  
UcR` \` eYV` 4` \` Vh` ZeYZ` "!"` ^` Z` f` eVdR` \_U` UZ` \_` eVReRXRZ` WcRe]VR` deeh` ` Y` f` cZ

CVdf ]eZ` EYV 48>` h` Rd dVee` UZ` h]Rj` RE` \_` c^ R]i` dR` \_XV` ` W8]` ` UX]f T dV RdSVeh W` \_)!` ^` XZ]U` R` \_U` "%  
^` XZ]U` Ž` 3V]` h` Z` d` eYV` 48>` XdRaY` ` W` eYV df S[VT edS]` ` Udf XRCdY` h` Z` \_X` eYV` Vi` aVTeU` daZ` V` \_S]` ` Udf XRC  
RaaVRcZ` \_X` R]` ^` deZ` ^` VUZReV]j` f` a` \_` T` ^` a]VeZ` \_` ` W` eYV` ^` VR]ŽEYV df S[VT edS]` ` Udf XRCdV` RTYVd` RaVR`  
i` f` edZ` UV` eYV` \_` c^ R]dR` \_XV` Raac` i` Z` ReV]j` #!` !` #&` ^` Z` f` eVdR` W` V` ceYV` ^` VR]Reh` YZY` a` \_Z` e` d` a]f` d` ^` RS]j` k` eYV  
\_` c^ R]aR` \_T` dVReZ` dVda` \_` dV` TTF` c` dh` ZeY` Z` df ]Z` SVZ` \_X` dV]VRdVU` UcZ]` \_X` eYV` S]` ` Udf XRC` SRT` \_U` h` \_` e`  
eYV` \_` c^ R]dR` \_XV` h` ZeYZ` RS` ` f` e#!` !\$` ^` Z` f` eVdZ` :` \_eYV` !` É` \*!` ^` Z` f` eVdW]j]` h` Z` \_X` eYV` ^` VR]k` eYV` df S[VT ed  
S]` ` UX]f T dV ]VgV] UcZ]d]ZYejj` ]` h` VcZ

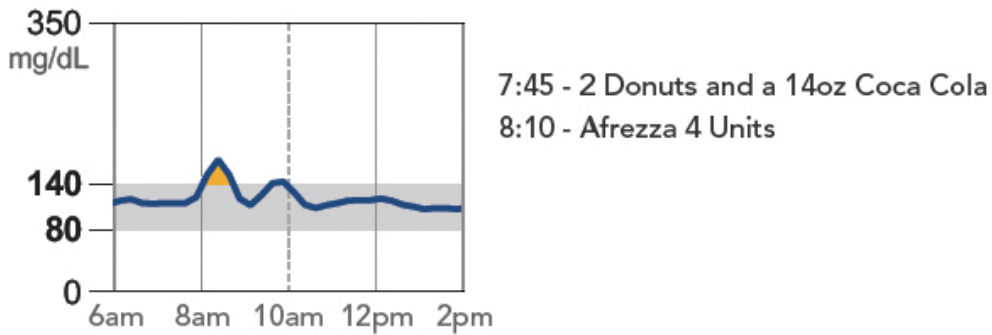


2d/Rd` WA` dZ]V` 7f` eYVcDef Uj Ž5` VdeYVÉ` \_` c^ R]kYVR]eYj ]` aR` \_T` dRd` gVcdVTe e` RYZYkZ` a]V TRcS` ]  
Yj UeReV` ^ VR] RdYRd SW` \_df` XXVdeVU` \_` d` ^` V` W` eYV ]ZeVcRef` dVO` H` V` UZ]` dV` VgZ]V` \_TV` ` W` eY` Z` Z` ` eYV` c` d` eY` U  
Z/dh` YV` \_` eYV` dZ` ^` a]V TRcS` Yj UeReV` ^ VR] h` Rd` Vi` eV` \_UVU` ` gVcdVgVdR]` Y` f` c` dR` \_U` eYV` \_RS` c` ae]j` eV` c^` \_Z` ReVUŽ

Def Uj \$3 É 2WkkR 2U^ Z ZevdU"&^ Z RAVc^ VR]

5VdZ\_ZEYZldf Uj Z\_g ]gVU eYV dR^ V df S[VTeVReZ\_X Vi RTe]j eYV dR^ V ^ VR]eYV dR^ V eZ^ VtRd\_Z  
 Def Uj \$2Z: \_eYZldf Uj keYV df S[VTeRU^ Z ZevdUR%f \_ZeU dV` V2WkkRtRaac` i Z^ ReV]j "&^ Z\_f eVdW]j  
 ] h\_Z\_X eYVV\_U` V0eYV ^ VR]th YZY Zed]V0e` \ d]ZYej ]VdeYR\_ " ! ^ Z\_f eVde` T ^ a]VeZ

CVdf ]edZ\_ eYV 48> dVRU f eSV]` h t]` f dVR\_VRcj R\_ZUV\_eZTR] aVR\ Z\_S]` U df XRcRd dV\_Z Def Uj \$2Z  
 Ad/df ^ RS]j keYV 2WkkRUZU\_` eX` Z\_e VWT\_eZ` eZ` V e` RgVce eYV cZV\_Z\_S]` U X]f T dV ]VgV] W ^ eYV  
 ^ VR]Z EYV dZ^ Z]RcZej` V0eYV a` de ad\_R\_UZ] daZV e` eYReZ Def Uj \$2 df XXV ddeYRe eYV\_` c^ R] ad\_R\_TcVReZ  
 d/ca` \_dV` TTF adVU SWWd/ eYV VWT\_e` V2WkkRZ 4f cZ f d]j th YZ]V eYV adVgZ f d def Uj dRh eYV df S[VTed  
 S]` U X]f T dV ]VgV] X` ] h VcZ\_eYV` ! t\*! ^ Z\_f eVdW]j` h\_Z\_X eYV ^ VR]eZ\_eYZldf Uj eYV df S[VTedS]` U  
 df XRcdaZVU f a d]ZYej] Z\_eYV` ! É \*! ^ Z\_f eVdW]j` h\_Z\_X eYV ^ VR]keY` f XY YV UZU\_` eVReR\_j RUUZ\_Z\_R]  
 W UZ

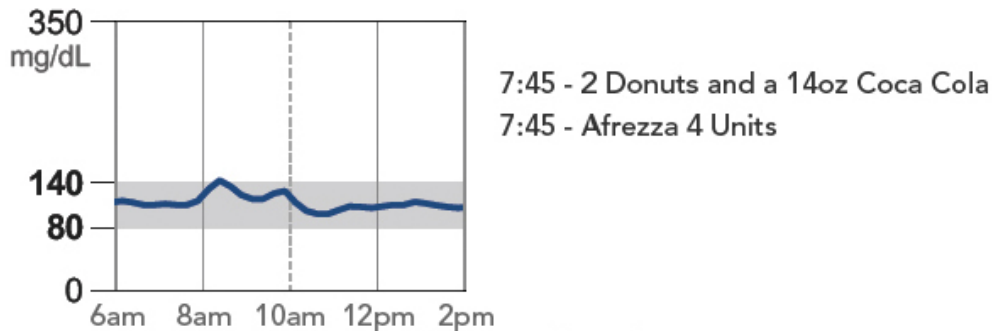


2dVRd` WA` dZS]V 7f ceYVc Def Uj Z5` Vdf dV` V2WkkR TRf dV eYV ]ZgVce` SVÉVi edRtgZ]R\_e] eYVdVSj Z\_ZeRd  
 Z\_X X]f T \_V XV\_VdZ\_Z` d/ca` \_dV e` R\_Z\_d] Z\_TYR] ]V\_XVtR\_U eYf dac` Uf TZ\_X eYV dVT \_U daZV dV\_Z  
 eYZldf Uj O

Def Uj \$4 É 2WkkR 2U^ Z ZevdU RedeRce` W^ VR]

5VdZ\_ZEYZldf Uj Z\_g ]gVU eYV dR^ V df S[VTeVReZ\_X Vi RTe]j eYV dR^ V YZY TRCs` Yj UeReV ^ VR] Re eYV  
 dR^ V eZ^ V Rd\_Z Def Uj \$3Z: \_eYZldf Uj keYV df S[VTeRU^ Z ZevdUR%f \_ZeU dV` V2WkkRtRZ^ ^ VUZReV]j  
 SWWd/SVXZ\_Z\_X e` VReeYV ^ VR]th YZY Zed]V0e` \ ]VdeYR\_ " ! ^ Z\_f eVde` T ^ a]VeZ

CVdf ]edZ EYV 48> d/df ]ed dY` h eYRe 2WkkR h V\_e e` h` c` Z\_eZ` V e` V]Z^ Z\_ReV eYV daZV` V\$]` U df XRc  
 ` f edZUV eYV\_` c^ R] dR\_XVkeY` f XY eYVd/h Rd deZ] R\_Z\_TcV RdV\_Z\_S]` U df XRcZ 7f ceYV d eYVd/h RdR dVT \_U  
 daZV ^ f TY ]ZV h V` SdVcgVU Z Def Uj \$3tR]eY` f XY ^ f eVU Z\_ZedZ\_eV\_dZej Z

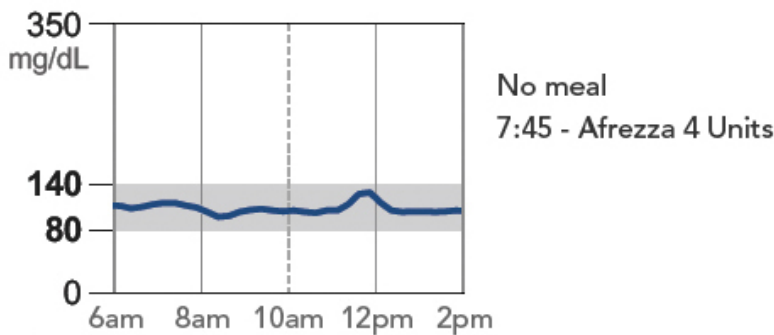


2d/Rd` VA` dZS]V 7f aeYVcDef Uj Ž:V2WkR YRU SW\_ eRV\_ " ! ^ Z\_f e/dVRc]Z/dh` f]UeYV daZV SVV\_eZVj  
V]Z` Z\_ReVUO H` f]UeYVd/eYV\_SVR dVT \_U daZVO H YReZNR\_) f\_ZeU` dV h VdV f dMU Wcdf TY R^ VR] Z\_†  
deVRU` W@ 9` h ^ f TY TRcS` Yj UdeV TR\_%f \_ZedYR\_U]V h ŽEY RYVR]eYj df S[VTe]ZV eYZd` \_VO

Def Uj \$5 É 2WkR 2U^ Z\_ZeVdU h ŽEY ? @ > 62=

5VdZ\_X ŽEYZd def Uj Z\_g ]gVU eYV dR^ V df S[VTeVReZ\_X ? @ > 62=dZ\_TV Raac i Z^ ReVj " ! † ! a^ eYV adVf  
gZ f dVgV\_Z\_XZ: \_ eYZd def Uj ŽeYV df S[VTeRU^ Z\_ZeVdUR%f \_ZeU` dV` V2WkR Re eYV dR^ V eZ^ VRdZ\_  
Def Uj \$4 h ŽEY ? @ > 62=Wc#Y` f cdW]] h Z\_X RU^ Z\_ZedReZ \_` V2WkRZ

Cvd]edŽEYV 48> ddf]ed dY` h Rd]ZYeUz Z\_S]` UX]f T dV\_Z\_eYV' ! ^ Z\_f e/dRwVcRU^ Z\_ZedReZ \_ŽEYZd  
UZah YZY ]` \de` SV Raac i Z^ ReVj #! a` Z\_eoL\_VgVcX` Vd` fe` WR\_XVŽEYV df S[VTe dS]` UX]f T dV  
]Vg] dVef c\_de` \_` c^ R]Z\_RS` fe' ! É\*! ^ Z\_f e/dZ

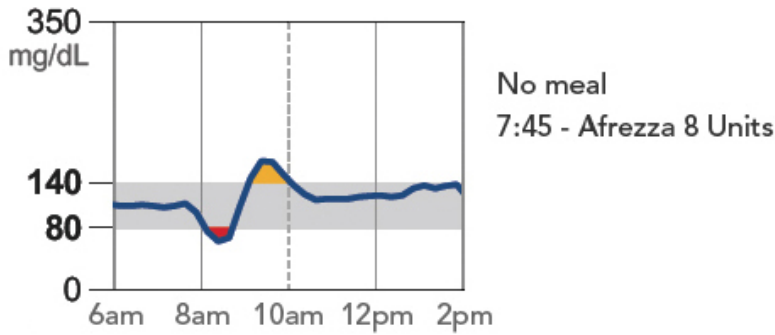


Def Uj \$6 É =RcXV U` dV` V2WkR? @ > 62=

5VdZ\_X ŽEYZd def Uj Z\_g ]gVU eYV dR^ V df S[VTeVReZ\_X ? @ > 62=dZ\_TV Raac i Z^ ReVj " ! † ! a^ eYV adVgZ  
` f dVgV\_Z\_XZ: \_ eYZd def Uj ŽeYV df S[VTeRU^ Z\_ZeVdUR\_) f\_ZeU` dV` V2WkR Re dR^ V eZ^ VRdZ\_  
Def Uj \$5 h ŽEY ? @ > 62=Z^ ^ VUZReV]j W]] h Z\_X RU^ Z\_ZedReZ \_` V2WkRZ

Cvd]edŽEYV 48> ddf]ed dY` h RdYRca Uza Z\_S]` UX]f T dV\_Z\_eYV%&^ Z\_f e/dRwVcRU^ Z\_ZedReZ \_ŽEYZd  
Uc a dRTYVU Zed] h a` Z\_eRaac i Z^ ReVj %&^ Z\_f e/dRwVcRU^ Z\_ZedReZ \_` V2WkR Reh YZY eZ^ V eYV  
df S[VTe h RdVi YZŽeX T]VRcdZ\_X\_d` W]j a` X]j TV^ ZR+ch VReZ\_X R\_UUZkkZ\_VdŽEYV UVTdZ \_ h Rd^ RUV e`  
e/c^ Z\_ReV eYV e/dŽeY` f XY eYV df S[VTeW]eYVT f]U Eñ` c` eYc` f XY Že` R\_U eYV df S[VTeUcR\_\ #!` f\_TVd  
` W\Xf]Rc4` TR4` JRŽ9Zd] ^ ae` ^ dd/d ]gVUT ^ a]VeV]j Z\_ " ! ^ Z\_f e/d` c]VddRdeYV 48> dVRUZ\_X dY` h d  
h ŽEY eYV dYRca cZV\_Z\_S]` UX]f T dVZ

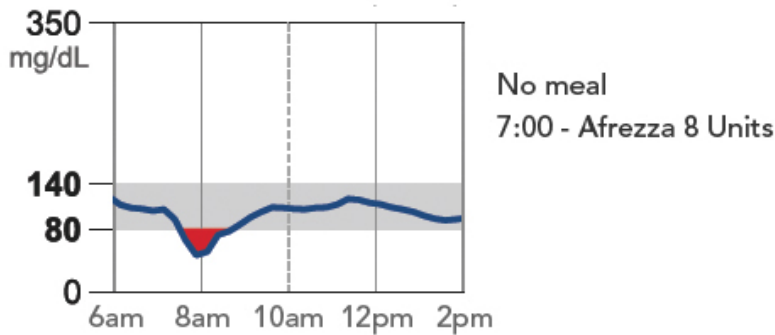
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Z\_XdRcV\_Īea` dZS]V Z\_eYZd def Uj ŁSf eT]VRc] eYV df S[VTe dS]` U df XRcUc aaVUZ\_e` eYV Yj a` X]j TV^ Z  
dR\_XVŽ9` h VgVdēeYV S]` U df XRc]VgV]\_VgVcdRTYVU eYV a` Z\_e` WēVgVd/Yj a` X]j TV^ ZRŽEYZdUc a e` \  
%&^ Z\_f e/dē` XVeē Ra` Z\_eh YVdVg ^ ae` ^ d` W]j a` X]j TV^ ZR h VdV adVd\_eZ 2TT dJZ\_X e` eYV adVgZ f d  
Vi aVcZ` V\_eReZ \_ ReGUMi ŽeYV df S[VTe h Rd]ZV]j ReYZd] h Vdea` Z\_eR\_UT f]U YRgV dV\_ R dRaZU dVT gVg  
h ŽEY` f eYV EcdTf VĪ UcZ` \` Wē` VZ



Def Uj %6É =RcXV U dV` V2WkkR?@ > 62=

5VdZ\_ŽEYZldf Uj h RdeYV dR^ V RdDef Uj \$6RS` gV Sf eh ŽEY R UZWcd\_edf S[VTeŽEYV df S[VTe h Rd` WdZ^ Ž ]RcRXV R\_U x\_e\_Vdd ]VgV]Ž

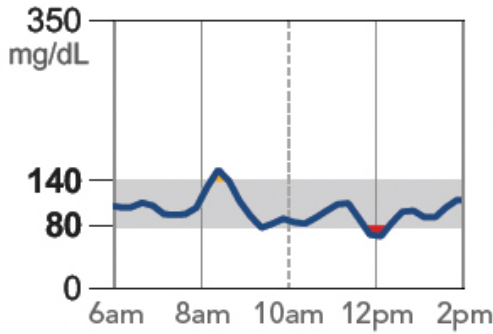
Cvd f ]edŽ eēV %&^ Z\_f eV ^ Rc\ RWcRU^ Z\_ZedReZ \_` V2WkkRLeYV df S[VTeYRU d^ ae^ d` Wj a` X]j TV ^ ZL[f deRdh ŽEY eYV adVgZ f ddf S[VTeŽEYZldf S[VTe5:5 ?@E eR\VR dVdTF V UcZ` \EY` h VgVč?` eRS]j EYZd TYRæRaaVRæe` SVgVg dZ` ŽRce` eYV df S[VTeZ` \$6h Y` UZU eR\VR dVdTF V UcZ` \ŽEYV` \_]j T \_T]f dZ` \_h V T f ]U dRTY YVdV ŽleYRedf S[VTe d]ZgVc^ f deYRgV df aa]ZU eYV X]f T dVè ac Uf TV eYV dRaZU dVT gVg Z\_S]` U df XRC]VgV]R\_U \VaeēV aReZV\_edRWŽ



Def Uj \$7É > f ]eZa]VD^ R]] 2WkkR5` dVdh ŽEY ?` c^ R] > VR]d

5VdZ\_ŽEYZldf Uj Z\_g ]gVU eYV dR^ V\_` c^ R] df S[VTeRdZ\_Def Uj \$6LVRēZ\_X\_` c^ R]] eYc f XY` feeYVUR] Ž :\_ eYZldf Uj ŽeYV df S[VTeRU^ Z\_ZedVdU%f\_Ze dR\_U ^ U` dVd` V2WkkRRe\* #&R^ Ł"" #&R^ ŁR\_U"#-&&a^ Ž EYV df S[VTeW]] h VU\_` daVTZ`T^ VR]a]R\_` ceZ^ Z\_X` WRU^ Z\_ZedReZ \_` V2WkkRŽ

Cvd f ]edŽ EYV 48> dVd f ]ed dY` h eYReēYV df S[VTeYRU eh` VaZd UVd` VŠ]` U df XRC` f edZUV eYV\_` c^ R] dR\_XVŽEYV xcdēh RdR cZV d]ZYej RS` gV eYV\_` c^ R] dR\_XV W]] h Z\_X ScV RVR dR\_U SWWdV RU^ Z\_ZedRt eZ\_` VēYV xcdēU` dV` V2WkkRŽ EYV ScV RVR dR\_U Z\_g ]gVUR]RcXV` ^ V]VeeV h ŽEY h YVReē RdēL[R^ ŁR\_U RWRf ZeS` h ]Ž 2aac i Z^ ReV]j \*! ^ Z\_f eVdRWVceYZ ScV RVR dR\_U eYV df S[VTeē` \YZ] xcdēU` dV` V2WkkRŽ EYV\_ eYV df S[VTeYRU Rac eVZ\_SRCW]] h VUSj RdMT \_UU` dV` V2WkkRRS` fe(! ^ Z\_f eVdRWVceYV xcdēŽ 2aac i Z^ ReV]j \$! ^ Z\_f eVdW]] h Z\_X eYZldV T \_UU` dV` eYV 48> dVT dJUR d]ZYeYj a` X]j TV^ Ž VaZd UVŁ Sf eēYV df S[VTe h RdRd^ ae^ ReZ R\_U dVT gVdVU` \_YZd` h\_Ž

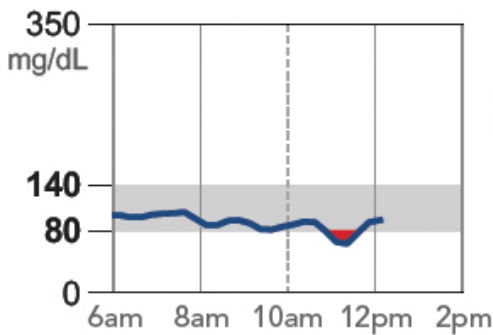


8:15 - Normal Breakfast, snacking through the day  
 9:25, 11:25, 12:55 - Afrezza 4 Units

Def Uj \$8 É > f ]eža]VD^ R]] 2WkkR5` dVdh ŽeY ? @ > 62=

5VdZ\_ ŽEYd def Uj Z\_g ]gVU eYV RU^ Z ŽedReZ \_` W2WkkRè eYV dR^ V df S[VTeRdZ Def Uj \$7h Y` YRU SW\_ VdēZ\_X dZ\_TV Raac i Z^ ReV]j " ! a eYV acZ cVgV\_Z\_X ŽEYV df S[VTeRU^ Z ŽedVdUR %f \_žU dV` W 2WkkR Re ( \$! R^ tW]] h VU Sj RUUZēZ \_R] %f \_žU dVdRe\* † ! R^ t"! \$! R^ tR\_U "# † ! a^ tR]] h YZ]V VRe t\_Z\_X` eY\_Z\_X eYc f XY` f eYV V\_eZV aVcZ U` W eYV eVdē ŽEYV Ždf V SVZ\_X Z\_gVdēZ XReVU h Rd eYV daWU h ŽeY h YZY eYV 2WkkR ]VRgVd eYV dV dē^ t` cdeReVU UZWdV\_ej] t h YVeVceVdV ŽdR eV\_UV\_Tj Wc 2WkkR Z\_df t ]Z\_è ÈdeRT\` \_VU dV` \_è a` WR\_` eYVdRT ^ ^` \_ac S]V^ h ŽeY Z\_[VTeVU Z\_df ]Z\_Ž

CVdf ]eč ŽEYV 48> dVRUZ\_X dY` h deYRe eYV df S[VTeYRUUZadZ\_S]` U df XRCZ^ ^ VUZReV]j W]] h Z\_X eYV RU^ Z ŽedReZ \_` W eYV xcdēR\_U dVT \_U\_U dVd` W2WkkR Sf e\_V ŽeYVcUc aaVU` f e` W eYV \_` c^ R] dR\_XVŽ 7 ]] h Z\_X eYV eY ŽU U` dM eYV df S[VTēdS]` U df XRCUZUc a` f e` W eYV \_` c^ R] dR\_XV ŽEYV Yj a` X]j TV^ ZI VaŽd UV h Rd dY` cē ]Z]VU\_R\_U` edVgVdV ŽEYV VdēZ^ ReVU X]f T dV ]VgV] Re Žed] h a` Z\_eh Rd Raac i Z^ ReV]j ' ! † (! ^ XžU] tUZU` edVbf ŽV dVdVf VtR\_U eYV aReZV\_eh Rd^ ŽUj] dV` ae` ^ ReZtR d]ZY eedV^` ch ŽeY \_` Z\_† TRaRT ŽeReZ \_ ŽEYV S]` U df XRCeYV\_ bf Z]j] dVT gVdVUR\_U eYV aReZV\_eē` \ eYV Wf cēY U` dV` \_ dTYVUf ]V h ŽeY` f eR\_` eYVcYj a` X]j TV^ ZI VaŽd UV tR]eY` f XY eYV 48> UVgZIV YRU dVRTYVU eYV V\_U` W Žed dVT dJZ\_X ]ZWR\_U U` Vd\_` eUZā ]Rj eYV W]] WWTed i #Y` f cda` deRU^ Z ŽedReZ \_/Ž

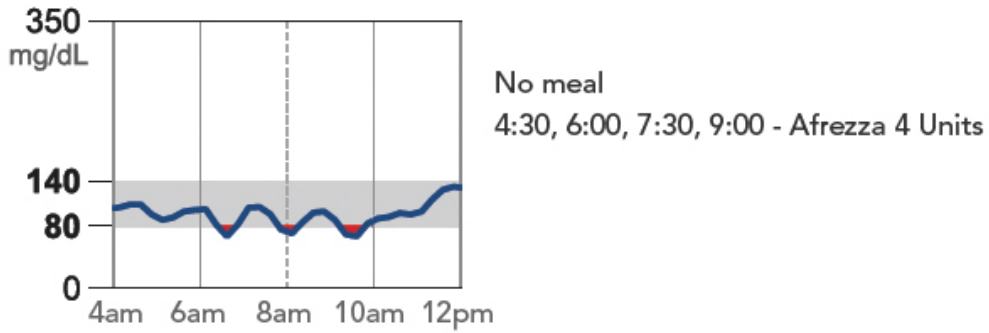


No meal  
 7:30, 9:00, 10:30, 12:00 - Afrezza 4 Units

Def Uj %8 É > f ]eža]VD^ R]] 2WkkR5` dVdh ŽeY ? @ > 62=

5VdZ\_ ŽEYV df Uj Z\_g ]gVU R UZWdV\_e Sf e\_` c^ R] df S[VTeRdZ Def Uj \$8 tSf e eYV dR^ V SRdZT UVdZ\_X Ž EYV Wf d% f \_ž 2WkkR U` dVdh VdV RU^ Z ŽedVdU \*! ^ Z\_f eVd RaRcē SVXZ\_\_Z\_X Re% \$! R^ t h ŽeY eYV df S[VTeE2<: ? 8 ? @ > 62= Ž

CVdf ]edžEYV 48> dVRUZ\_X dY` h deYV dVdf ]edžEYV aReZV\_édS] ` UX]fT dV]VRcj dVRTedè eYV 2WkkR U dVdR\_Uh YZV ZeUc add]ZYejj ` fe` WèYV\_` c^ R] dR\_XVZe\_VgVcXVede` Ra` Ze` WèVgVdYj a` X]j TV^ ^ RžEYZidf S[VTer]d YRU^ ZUdj ^ ae ^ d` Wj a` X]j TV^ ZLSfedVT gVdU h žY` fedVdTF Vž



4^ ^ ^ V\_ed` \_ Def UZ/dZ ` c^ R]k?` \_f5ZRSVeZ:\_UZgUf R]d

H V]T]VRcj ` SdVgVU eYV RTeZ ` WèWkkRZ\_ ] h VcZ\_X S] ` UX]fT dV ]VgV]dSfe^` dVZ^ a` cèR\_ej th V ` SdVgVU eYV Ref dR] dVda` \_dV` WèYV S` Uj e` R\_ 2WkkRZ\_df ]Z TYR]]V\_XVž 2dS] ` UX]fT dV ]VgV]d a]f^ ^ VeU eYV ]ZVcRTeZgReUè \Wa eYV df S[VTed] ]VgV]dW^ XVeZ\_X UR\_XVc f d]j ]` h žH V` SdVgVU dV^ RçRS]j ]Ze]VYj a` X]j TV^ ZR6G6? :? A6@A=6E2<:? 8 27C6KK2 H :E9 ? @ > 62=žEYVdV dVdf ]edh VdV dVa]ZReU\_f ^ Vc f deZ^ VdZ\_ UZWdV\_edf S[VTedž

H VYRgV\_` eZ\_gVdeZReU eYZdaYV\_` ^ V\_` \_Z\_` \_fUZRSVeZ aV a]V f dZ\_X Z [VTeU\_Z\_df ]Z tR\_Uh V5@ ? @E dT ^ ^ V\_U df TY R eVdež é aVcZ\_TV h žY Z [VTeU\_Z\_df ]Z df XXVded eYReXZgZ\_X Zeè ` \_fUZRSVeZdZ R\_j eY\_Z\_T]` dVè eYV ]VgV]dh VUZ h žY 2WkkR\_R\_Uh žY ` W UET f ]U SV UVRU]j ž

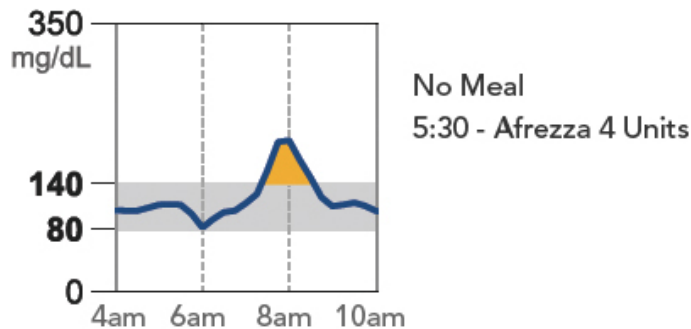
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EYV df S[VTe` WèZ dVcZ/d` Wdf UZ/dh RdR dTV\_ej fUZRX\_` dMU Ej aV # h žY R\_ 9S2" T` W(žRe eYV eZ^ V ` WUZRX\_` dZž 3VTRf dV` WèYV c` Sf de dRWej ac` x]V` WèWkkR eYReh V` SdVgVU\_Z\_f dV h žY ` \_fUZRSVeZ df S[VTed]h V aVdWc^ VU dZ^ Z]Rcdef UZ/dZ\_Ej aV # aReZV\_edh žY dZ^ Z]RcdVdf ]edž 3V]` h tRdV dVdf ]edh V SVf ]ZgV RcdV dVadV\_eReZgVž

Def Uj &2 É D^ R]] 5` dM? @ > 62=

5VcZ\_X žEYZidf S[VTed]RWcWRde\_Z\_X W^ Raac i Z^ ReV]j "! #! a^ eYV adVgZ f dVgV\_Z\_X tRU^ Z\_ZeVdU % f\_Zed` WèWkkR Re&\$ R^ h YZVYRgZ\_X\_` W U Wch` Y` f c dRWcU dZ\_X žEYV df S[VTeeYV\_RU^ Z\_Zd eVdUR\_` eYVc%f\_ZeU dV Re) #&R^ ž

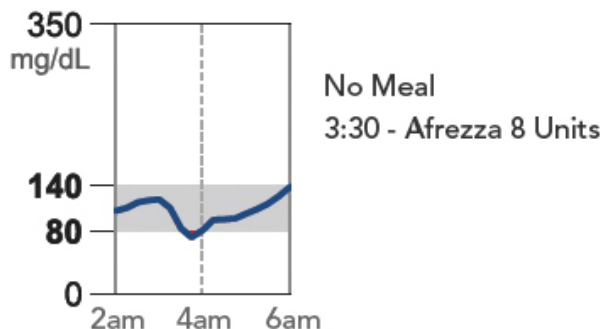
CVdf ]edžEYV df S[VTed]S] ` U df XRCUZ add]ZYejj SfeU Vd\_` eX ` fe` WR\_XVžEYV dRaZU cZV ZdUf Ve` eYV df S[VTed] SdVgVU dV Re( \$ R^ žEYV dVT \_U 2WkkRU` dV bf Z]j Sc f XYeZeU h\_ž



Def Uj &3 É =RcXV 5` dM? @ > 62=

5VdZ ŽEYd def Uj Z\_g JgVURdZ\_X]VU` dV` Vy f\_Zed` W2WkkRRAVc) Y` f ad` WAdZ\_XŽEYV df S[VTeUZU` eVReWch` Y` f adRWCU` dZ\_XŽ

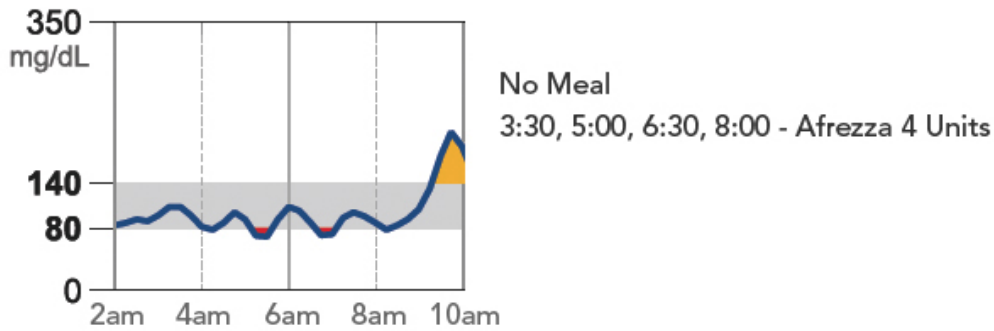
CVdf JecŽEYV df S[VTedS]` U df XRCU` VdUc` a e` d]ZYej Yj a` X]j TV^ Z Sf eU` Vd\_ÎeX` SV]` h (! Ž:eeYV` dT gVcdVRUZj UVdaZV` eR\Z\_XR\_j W UŽ



Def Uj &4 É > f ]ež]VD^ R]] 5` dM? @ > 62=

5VdZ Ž\_ eYd def Uj h VYRU eV E j aV # UZRSVeZ df S[VTeRU^ Z\_ZeVc%U` dVd` W%f\_Zed` W2WkkR Raac i Ž ^ ReVj \*! ^ Z\_f eVd RaRcR]] h YZ]V VRe\_Z\_X? @E9:? 8ŽEYV U` dVd h Vc/RU^ Z\_ZeVcU Re \$ \$! R^ Ł&Ł ! R^ Ł ' \$! R^ ŁR\_U) † ! R^ Ž H V h Vd/Z\_eVd/eVU e` dV ŽWkkR Z\_df ]Z\_ ĚdRT\dl Z\_ UZRSVeZ df S[VTed eYV h Rj Z\_[VTeVUZ\_df ]Z\_ U` Vdž

CVdf JecŽ\_eZd]VRch YReeZ^ V eYV df S[VTee` \ eYV 2WkkR Rd eYVd/RdV UZadZ\_eYV S]` U df XRCdVRUZ\_X Z^ ^ VUZReVj W]] h Z\_XŽ 9` h VgVdW]] h Z\_X VRTYLeYV df S[VTedS]` U df XRCdVT gVcd` \_Zed` h\_Ž 7f ceYVd h YZ]V eYV df S[VTeh Rdd]ZYej Yj a` X]j TV^ ZkdYV h RdRq ^ ae ^ ReZŽ 6RTY df ScMbf V\_eU` dV dW^ VU Z\_UVaV\_UV\_e` WeYV adVgZ f dRdh V` SdVcgVU` ac` XcVdZgV]` h dRdh Rd eYV TRdV h ŽeY` c^ R]L` \_UZR SVeZ Z\_UZgZf R]dŽEYV daZV eYRe` Ttf adReeYVV\_U` WeYV eRTZ\_X Z dR dVf ]e` WeYV aReZ\_eeR\Z\_X R^ VR] ReRaac i Ž^ ReVj \* † ! R^ h ŽeY ? @ 27C6KK2Ž



#### 4 ^ ^ V\_ed` \_ Def UZ/dZ\_ 5ZRSVeZT AReZV\_ed

H V dRh dZ` ZRcdVdf ]edth ZY dZ` ZRcTYR]]V\_XVdZ\_S` eY UZRSVeZT R\_U` \_fUZRSVeZT aReZV\_edZ EYV dR]ZV\_e dVdf ]eW` ^ R]] eYVdV def UZ/dZ d eYV gVg Sc` RU dRWej` ^ RcxZ` h ZY eYV f dV` VZVWkkRZ` DZ` a]] af eZ` Z d gVg UZ/Tf ]eWcaReZV\_ed e` YRgV RUgVcdV VgV\_edZ` \_ eVc` d` VZ` eY eZ` Z\_X` WRU` Z` ZbcReZ` tR\_UU` dRXV dcdV\_XeY tZVWkkR dER\_UdR]]` \_VR` ^` \_XR]] Z\_df ]Z` ac` Uf TeZ` AReZV\_ed R\_U YVR]eY TRcV ac` gZUVcd TR\_ f dV eY Z dZ` df ]Z` h ZY ]ZejVT` \_TVc` \_ gVcdRWej` Z`

#### @eYVc8V\_VdR] > VUZTR] CZhd

=f\_Xd

GUVi Zl` eRcdVdRcTY WRTZej` R\_U eYVdWcdVZd` eZ` eYVa` dZ` \_ e` aVdWc` UVerZ]VUR\_R]j dZd` WZV VWWTed` VZVWkkR` \_ af]]` \_Rj eZdf VdZ` CR eYVd` f cR\_R]j dZdR` ^` f\_eVU e` Xc` dd` SdVcgReZ` \_d` Vaf]]` ^` f` \_Rj W/\_TeZ` \_R\_U e` ]VdR\_TV` gVcdVgVdR]]` ^` \_eYdZ`

4` f XYZ` \_` ^` R\_j aReZV\_ed th V` SdVcgVUR ScZWT` f XY W]]` h Z\_X Z\_YR]ReZ` \_` WZV Va` h UVcZ` EY Z dR` ^` f\_eVU e` tZ` ^` de TRdVdR` dZ` X]]VScZVWZ` c` Rd T]VRcZ` X T` f XYZ` \_` \_` TRdVdU Z] h V` SdVcgV R df d eRZ` VU EYRT` Z` X] T` f XYZ` >` de aReZV\_ed T` f ]U` ^` ZZXReV eYVT` f XY h ZY R dZa` ` W h ReVcZ` ^` VUZReV]j acZ` ce` Z\_YR]ReZ` \_tSf e` Z` XV\_VdR]th ZY` ` ch ZY` f e` ^` ZZXReZ` \_t eYVT` f XY ]VdV\_VUZ` \_Z` eV` dZej` R WcRh W` ` ceh` ` W dVZ` H V YRU` \_` aReZV\_ed UZdT` \_eZ` f V edVRe` V\_eUf V e` eYVT` f XYZ` :eh Rd` \_` eR dZ` Z` TR\_eT` ^` a]RZ` eZ`

Af]]` \_Rj W/\_TeZ` \_ZTRaRTZej` Z` H VaVdWc` VU daZc` ^` Vegj eVdeZ` X RdVdf ZVU acZ` ce` acVdTCZ` S` X eYV ^` VUZReZ` \_R\_U Wf` \_U eYReVd e` SV gVg UZ/Tf ]eWc` ^` R\_j aReZV\_edZ` \_` WRTe` ^` R\_j WRT]VU eYV eVd eR\_U SVTR` ^` V bf ZV Wf` d eReVUZ` @gVceYV dV]ReZ]Vj` ScZV aVcZ` U` W f cR\_R]j dZd` W dZc` ^` Vegj iRaac` i Z` ReV]j` ^` \_` eY d th V U Z]` \_` e` SdVcgV R\_j TYR\_XV Z` aReZV\_ed af]]` \_Rj W/\_TeZ` \_` cTRaRTZej` Z` H V U` tY` h VgVd` dV daZc` ^` Vegj RdR dZ` Z` TR\_e` Sd eRT]V e` RU` aeZ` \_` W eY Z d eY V d Raj` Z`

EYV dTV\_eTYR\_XV e` eYV f dV` W76G" eVdeZ` X i` \_V dVT` \_U WcTVU Vi aZRe` j` g` ]f` ^` W/\_Z` a]RTV` W dZc` ^` V e] Z dRT]VRcZ` ac` gV` ^` V\_eZ` 2dh ZY daZc` ^` Vegj th V YRgV` \_` eYRUR]]` \_XV` \_` f XY aVcZ` U e` VgR]f ReV]f dZ` X 76G" t eYV Zdf V` Vaf]]` ^` \_Rj W/\_TeZ` \_` cTRaRTZej` Z` aReZV\_ed Z` H YZ]V eYV dV YRgV SW` \_dVa` ced` WTYR\_XV d Z` af]]` \_Rj W/\_TeZ` \_` h ZY eYV f dV` VZVWkkR tdf TY TYR\_XV dh VdVUV` ^` Z` Z` f dZ` EYV gRde` ^` R[]` cZej` ` W UZRSVeV ddf W dVcd R dV` ]UVcR\_U dVUV\_eRj` Z` EYV` ^` Z` Z` R] TYR\_XV Z` ]f` \_X W/\_TeZ` \_` cTRaRTZej` Z` dY ZY]]` f` \_Z]V]]` e` SV d` ^` VeYZ` X eYV dV aReZV\_ed VgVc` \_` eZVZ`



D^ \VcdZH VadVdCzSVU eYV ac Uf TeZ\_ d^ \VcdUVdaZEV eYVT \_ecRZ\_UZTReZ \_tR\_Uh VdRh \_ UZMwV\_TV  
Z\_eYV e JvR\_TV` WYV ac Uf TeR^` \_X eYVdV aReZ/\_edRdT ^ aRcVU e` \_td^ \VcdZ: VRTed^ \Vcd  
eV\_UVU e YRgV JvddUZM Tf j e f dZ\_X eYV Z\_YR]Vdca` SRS]j RdR dVdf j e` WYVZcVr^ Z]RcZj h ZY Z\_YR]Z\_X` \_R  
TZRd/eVZ

4R\_TVcZ9VdV RXRZ\_tXZjV\_eYV dY` ceUf dReZ` \_` Wf cVgR]f ReZ` \_tZef \_]ZV]j eYReh Vh` f ]U dVWR\_j T \_T]f t  
dZjV VgZUV\_TV` \_ eY Z]Zdf VZ: \_ dVgZ/h Z\_X eYV TRcTZ` XV\_Z]Zj def UZ/dW ^ eYV ^ R\_f VRTef dVd> R\_\_<Z\_U  
4` ca` dReZ` \_th V RcdV ^ WcdVU eYRe eY Z]Zd` eR dZ\_X\_ZR\_eT \_TVc\_Z: eRaaVRcd eYVT ^ aR\_j def UZVU  
eY Z]Zdf V\_Z\_UVaeYkVgV\_aVdWc^ Z\_X YZ e` ] XZTR] Vi R^ Z\_ReZ` \_d` \_edR\_dXV\_ZI ^ ZIV Vi a` dVU e` YZY  
T\_TV\_edReZ` \_d` WYV ac Uf TeZ EYVj` SdVogVU` \_f\_f df R]T\_UZez` \_dR\_U` \_V a]Rd^ dZEYV ac Uf TeZ  
Z\_eYV ]f\_XdWcRgVg ScZMwZ` VZ: eaRddVdRaZ]j Z\_e eYV S]` UdecVR^ Z: eU Vd` edW^ e` ZcZReV eYV  
]f\_Xde` R\_j dZ\_X\_ZR\_eVi eV\_dR T \_T]f dZ` \_eYReh V dVRTY SRdMU` \_]j f a` \_` f cScZMw SdVogReZ` \_h ZY  
f dV` WYV ac Uf TeZ

@eYVc

2WwkkR ZidVXf ]RcYf ^ R\_Z\_df ]Z\_S` f\_U e` RTRccZ/c^` ]VTF ]V eV TY` daYVdVZ 4ZcF ]ReZ\_X Z\_df ]Z\_Zd` SgZ  
` f dj` \_` eRe c f S]Z\_X T\_UZez` RdeY Z]Y RaaV\_d` c^ R]j R\_U W/c eYV d 2WwkkR Z\_df ]Z\_ZdSZ tZUV\_eZTR] e`  
eYV Z\_df ]Z\_d ]VRdMU S] eYV aR\_TcV RZ: eZd` \_eR WcdVZ` \_` ]VTF ]V e` eYV S` Uj RdRdV\_Z\_df ]Z\_R\_R] XdZEYV  
EVTY` daYVdV TRccZ/c^` ]VTF ]V h YZV WcdVZ` e` eYV S` Uj LYRdSW\_[f UXVU S] eYV 752 e` SV\_Z\_VceZ: e  
\_VZ eYVcdV^ RZ\_dZ\_eYV ]f\_Xd` \_cZ\_eYV S` Uj ReR] ]Sf eZdVi TdV eUf` \_^ VeRS` ]ZVU\_Z\_f cZ\_VZH VUZU` \_e  
Z\_UVaV\_UV\_ej gVcZ]V eY Z]Z

:\_T ^ aRcd` \_t^ R\_j` WYV eYVdRaZ/dV dVU e` edVReUZRSVeVde URj RcdVcdVZ` \_` ]VTF ]Vd h ZY f\_TVceRZ`  
]\_X eVc^ cZndZ` 7 cVi R^ a]Vt^ VeWc^ Z\_tR dV]ReZ]Vj SV\_ZX` Uf X\_R\_U eYV ^` dea dVgR]V\_e^ VUZTReZ`  
adVdCzSVU WcS]` Udf XRcT` \_ec` ]LYRdVTV\_ej SW\_Z^ a]ZTReVU\_Z\_d` ^ VdVZ` f d^ VUZTR]T` \_Uez` \_d`  
Z\_T]f UZ\_X 2]kYVZ^ VddUZM R dVZ: \_g` \R\_R YRdVTV\_ej dVTVZ]VUR 3]RT\ 3` i` h Rc\_Z\_X WcZ` TdVdMU cZn` W  
]` h VcVi eV^ Zj R^ af eReZ` \_dZ

## Df ^ ^ Rj` VDRWej 7Z\_UZ\_Xd

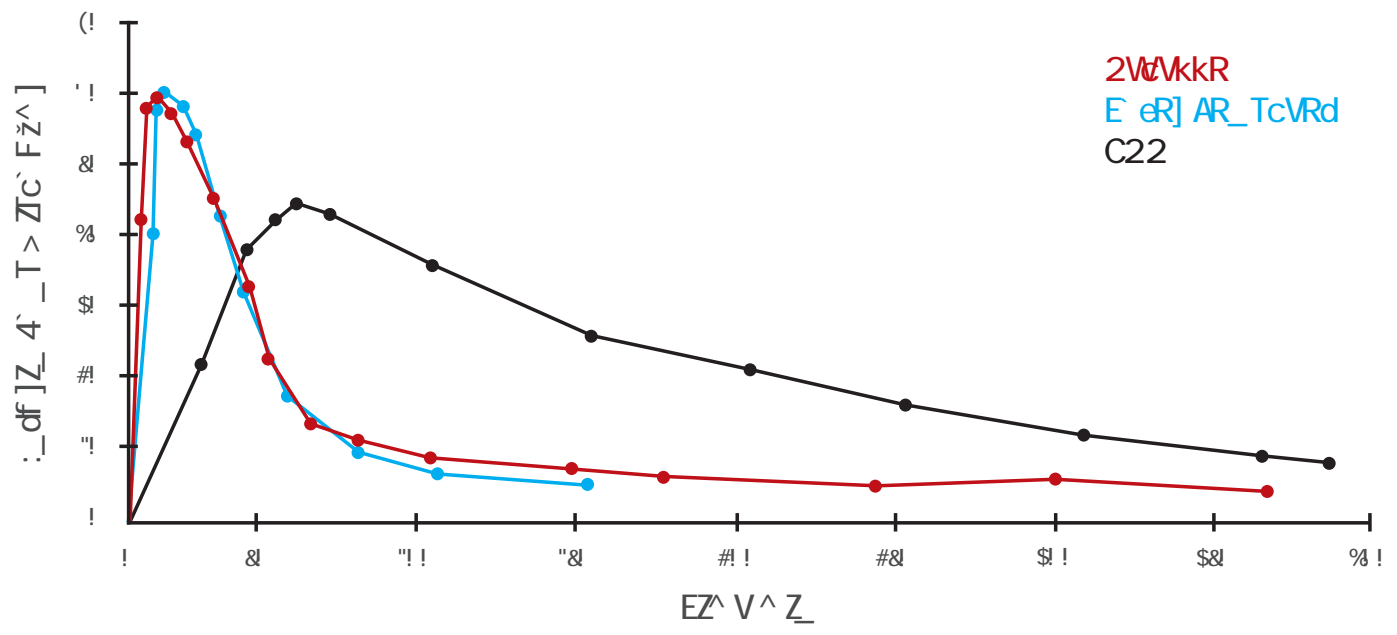
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Tf j e` Z\_Uf TVYj a` X]j TV^ ZR VgV` ZV` \_V ecZ/dZH VXRgV ]RcXV U` dVd e` Z\_df ]Z\_dV\_dZjV df S[VTedh Y` ReV  
` eY Z\_X R\_UUZU` \_` eac Uf TV dVgVdV Yj a` X]j TV^ ZRZEY Zidh` f ]USVf` \_YVRdU` W h ZY Z\_[VTeVU\_Z\_df ]Z\_Z` 4` \_t  
dZUVceYReRf` \_Z` \_VZ\_[VTeVU\_Z\_df ]Z\_ZdVdeZ^ ReVU e` Uc a X]f T dV ]VgV]d & t` !` !` a` Z` eoz` 2 f` \_Z` W2WwkkR  
YRdR ]ZejV ]VddX]f T dM]` h VcZ\_X WWT eZ` H VRU^ Z\_ZeVdVU ) f\_Zed` W2WwkkR e` R` \_tUZRSVeZ` h Y` YRU  
` eVReV` \_R\_Uh Y` dV S]` \_` UX]f T dV ]VgV] Re eYV deRce` WYV eVdeh RdSVeh W` \*!` E` !` !` ZEYV dVeZTR] ]j t  
eYRedY` f ]UYRgV Uc aaVU eYV df S[VTedX]f T dV ]VgV] e` R` Vi eV^ V]j ]` h ]VgV] Vi a` dZ\_X eYReZ\_UZjZf R]  
e` dVgVdV TV\_edR]` \_Vcg` f d dV dV^ UR^ RXVZ` 6gV\_eR\_Z\_X\_Z\_e` RTT` f` \_e eYV VRTeeYReRf` \_Z` W2WwkkR ZidVdd  
a` eV` \_e eYR` Rf` \_Z` \_VZ\_[VTeVU\_Z\_df ]Z\_ k eYV df S[VTedS]` \_` Udf XRcdY` f ]U deZ] YRgV Uc aaVU U` h` \_e` RgVg  
UR\_XVc` f d ]VgV] Z]WwkkR RTeVU ]ZV Z\_[VTeVU\_Z\_df ]Z\_ZE` af eZeS]f` \_ej tZ` \_` eYVch` dJdZ eT` f ]UYRgV \Z]VU  
YZ` ZEY ZidUZU` \_` eYRaaV` \_t` \_eVgV` \_T]` dZ

6gV\_RegVg ]` h 2` T ]VgV] dVdf TY Rd' Z` R\_U ]Vddh VU` \_` edVWR` Zddf Vh ZY Yj a` X]j TV^ ZRZEY ZidT` \_t  
xc^ dh YRe eYV ^ R\_f VRTef dVcYRddRZ]RS` f e eYV ac Uf TeR] ]R]` \_X+eYV Yj a` X]j TV^ ZR eYReh Rd` SdVogVU  
Uf cZ\_X eYV T]Z\_ZTR] ecZ]dh Rd ]ZV]j Uf V e` eYVc^ VUZTReZ` \_deYV aReZ/\_edh VcV eR\_Z\_XZ

AVcYRad ^ ` dV Z^ a` œR\_eZdeYV e` eR] RSdV\_TV` W` Tef\_c\_R]Yj a` X]j TV^ ZR h ZY 2WkRZ:eZdT]VRcW ^ eYVA<ZA5 ac` x]MteYReRaac` i Z^ ReV]j (&` ` WëYV ac` Uf TeZdX` \_VZ\_R\_Y` f cR\_URS` fe\*!` " Z\_\*!` ^ Z\_Z` H VdRh kvC` cZd` W]j a` X]j TV^ ZR TRf dVU Sj 2WkRkRlSVj` \_U eYVdVa` Z\_eZ EYVdV d] [f de` \_ Vi TVdd\_Z df` jZ` \_ eYVS]` UdedVR^ e` ac` Uf TV eYVYj a` X]j TV^ ZR Z dR dVdf ]eZ V R eZ \_ ed eR V 2WkR h ZY eYVZc]Rde ^ VR]R\_UX` e` SVU^ ` dV eYR\_RS` f eR\_Y` f c]ReVdeYVj dZ^ a]j YRgV` \_ cZd` W]j a` dW ^ eYV 2WkRZ` H V R]d` ` SdVgVU` \_ ÈdeRTV\_Z\_XI` WëYV\_Z\_df ]Z` ZW` dVdh VdV dVaRdReVU Sj RS` fe\*!` ^ Z\_f eVdZ`

4` ^ ^ f` \_ZReZ` \_ h ZY =ZgVcVde` dUZZWkRkRYRdR` RUUZ` \_R] WRef dV eYReUZdeZ` Xf ZYVdZeW ^ R]]` ` eYVcZ` \_df ]Z` dR\_UUdR^ ReZTR]]j` Z` TdVRdVdeYV dRWj` ` WëYV ac` Uf TeZ` 2WkRkRidA<ZA5 ac` x]V ZdR\_VRc aVcWTe^` ReTY e` eYV` \_ c` R] aR\_TcVReZ` dVda` \_dV e` W` UZ` i DV Zxf dV SV]` h/` 2ddf TYeZ` 2WkRkR ^ Z^ ZId eYV Z` d d AYRdV\_Z` \_df ]Z` \_dVda` \_dV h YZYeZ` RUUZ` \_ e` df aa]j` Z` X` Z` \_df ]Z` e` RcdZdeZ` eYV ^ VeRS` ]Zd^ ` W S]` ` Udf XRdR]d` dZ` \_R]deYV YVaReZ` df aa]j` ` Wk]f T` dV e` dYf eU` h` \_Z EYZ dVdf ]edZ` ]Vdd e` eR] X]f T` dV SVZ` X` acVd\_eZ` eYVS]` ` UdedVR^` kcbf` Z` X` ]Vdd\_Z` \_df ]Z` e` ^ VeRS` ]ZV` Z` @eYVcZ` \_df ]Z` dU` ?` @E` ^ Z^ ZI eYZ d Z` d d AYRdV` dVda` \_dV Z` H` Z` eY R]]` ` eYVcZ` \_df ]Z` d` X]f T` \_V` XV` \_VdZ` T` \_eZ` f` Vde` ` Ttf` cZ` eYV adVd\_TV` ` WëYV ^ VR]kcbf ]eZ` X` Z` YZYVce` eR] X]f T` dV ]VgV]dZ` \_ed` ^ V]ReVca` Z` eR\_Y` f c` c` ^ ` dV` eYVcZ` \_df ]Z` dU` x` \_R]]j` RcdVdeX]f T` \_V` XV` \_VdZ` S` f eaRdRU` i ZTR]]j` k eY Z` ^ Rj` SV` [f de eYV a` Z` e eYRe eYV S` Uj` \_WUd` Zed YVaReZ` df aa]j` e` SVZ` Z` ReVUZ`

9` h 2WkR: \_df ]Z` T` ^ aRcVd  
 e` 9VR]eYj ?` \_ URSVeZ` : \_df ]Z` cVda` \_dV  
 i EYVC22 Tf cgVdRcVR XcRaY ZTR] Raac` i Z^ ReVcVdVdV\_eReZ` \_` WURRe` deV^` ^ Z` X` W` ^` dVgVcR]` def UZVcZ`



@eYVcZ\_df ]Z\_dRdV\_f\_d]ZRS]V\_Z\_eYVT ^ ^ f\_ZReZ \_h ZeY eYV ]ZgVcR\_UeYzITR\_adVd\_eRgVg UR\_XVc f d  
dZf ReZ \_ZEYzIdh YVcV 2WkkR dY\_Z\_VdZ:e \_e` \_]j RcdVdX]fT \_V XV\_VdZLSf eRaaVRcdè R]d R]VceYV  
]ZgVcè eYVS] `UX]fT dV ]VgV]Z:WèY` dV ]VgV]dDeRceè X` ] h eYV\_YVaReZ X]fT dV ac Uf TeZ \_SVXZ\_de`  
df aa]j eYV\_WUVU X]fT dV è ÈcVdTf Vi eYVaVcd \_Z9` h V]dV è Vi a]RZ\_eYRe` \_VTR\_eRv 2WkkR\_Z\_df ]Z\_  
Z\_eYVadVd\_TV` W@ > 62=R\_U` eSVT ^ VYj a` X]j TV^ ZO

H V Wf \_UeYVdV è SVRSc` RU dRWj ^ RcxZ\_h ZeY 2WkkR RdT ^ aRdVU è Z [VTeVU\_Z\_df ]Z\_dZ 7 cVi R^ a]Vt  
ZWRaReZ\_eWch Y` ^ RcdV ^ ^ V\_UVU` dV h Rd%f \_ZedZ\_deVRU è ` \ ) f \_ZedYVzdYV UZU` eXVeZ\_e`  
eè f S]VZH YZ]V eYV) f \_Zedh` f ]U` ] h VcS]` Udf XRc^` dVZeUZU` eaf dY eYVaReZ\_eZ\_e` eYV Yj a` X]j f  
TV^ ZI dR\_XVZ EYV RTeZgReZ \_` WeYV YVaReZ df aa]j ` W]fT dV dV^ VU è adVgV\_eeYReYeY` f XY h VcVf  
` ^ ^ V\_U^` dV def Uj` \_ eYZa` Z\_eZ 2]d` d` ^ VeYZ\_X RdZ^ a]V RdeYV aRT\RXZ\_X` W2WkkR V]eYVcT` f  
eZSf eVdè ZedRWj ŽEYV^ Ri Z^ f^ U` dV\_Z\_RTRccZUXV ZI"#f \_ZedZ 2 aVcd` \_h` f ]UYRgV è T` dTZ f d]j  
` gVdU` dVYZ^ dV]Wh ZeY RUUZē \_R] TRccZUXVdè UV]ZgVc^` dV

4` f ]U 2WkkR 2Tef R]j AdVgV\_e9j a` X]j TV^ ZR:eZiRi Z ^ ReZ eYReZ\_df ]Z\_dTRf dV Yj a` X]j TV^ ZRŽ 6gVg  
RceZ]V h cZèV` RS` feZ\_df ]Z` ^ V\_eZ` \_deYV WRC` WYj a` X]j TV^ ZRŽ EYV aYV` ^ V` \_ YRdRTYZ]gVUR ]VgV]  
` WRTTVaeR\_TV cZgR]Z\_X eYV ]Rh` WkRgZj Ž:édSVj` \_UUVSReVZ ě TVadZe^ Rj` \_eSVd` h ZeY 2WkkRŽ:e  
^ Rj` RTeR]j SV Vi RTej eYV` aa` dZV+eYRe 2WkkR\_Z\_df ]Z\_ AC6G6? EDYj a` X]j TV^ ZRŽ

H V\_Z\_gVdeZReVU` Ref dR]j` Ttf ccZ\_X Yj a` X]j TV^ ZR\_Z` \_ f ]UZRSeZ aV` a]VZH V` SdVgVU eYReZ` dVd` \_dV  
è R ]RcXVdZ^ a]V TRcS` Yj UeReV^ VR]edf S[VTeDf S]` Udf XRch` f ]U W]bf V\_e]j Uè a\_Z\_e` R dVgVdV Yj a` X]j f  
TV^ ZI dR\_XV\_Z\_eYVY` f cdW]j` h Z\_X df TY R^ VR]ŽH V` SdVgVU S]` Udf XRc]VgV]d W]bf V\_e]j Z\_eYV` ] h  
% dR\_Ud` ^ VaVcYRadZ\_eYV f aaVc\$! dZ` f cdf S[VTeZ @W` f cdV eYVdV df S[VTeDf S]` U X]fT dV ]VgV]d  
\_Ref dR]j` T` cdVTeVUeY` f XY d` ^ V dèRj VU\_Z\_eYV dVgVdV Yj a` dR\_XV WcY` f cdZ

H V eYV` dVa]ZReVU df TY ^ VR]dR\_U RU^ Z` ZedVdU 2WkkR eYVcV R W]Z H V\_Z\_gVdeZReVU UZ W]dV\_eeZ^ Vd` W  
RU^ Z` ZedReZ` \_cj` TYc` \_ f dh ZeY eYV dèRce` WeYV^ VR]edf ZY e]j ]ReVdZ^ ^ VUZReV]j W]j` h Z\_X eYV^ VR]k  
R\_UY` f cdR W]c x` ZIYZ\_X eYV^ VR]Z: \_VRTY TRdV h V` SdVgVU eYV dR^ VaYV` ^ V` \_ +=6DD9JA@8=]46f  
> :2Z: \_` eYVch` dJd 2WkkR adVgV\_eU Yj a` X]j TV^ ZReYRe` Ttf cd` Ref dR]j` Z` \_` UZRSeZ dZ

EYzIdgVg TYR]V\_XZ\_X x` \_UZ\_X T f ]U ZedV]SV R d` f cTV` WVi eV` dZgV def Uj ŽH V ReGUMi Rcd` \_ eadVaRdVU  
è Z\_gVdeZReV Ze V]eYVcRe eYzIdZ` VLSf eh V dec` \_X]j V\_T f dRXV` eYVdè U` d` ŽH V U` \_` eSV]Z]gV` f c`  
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df XXVde eYRe eYzIdR]f eRj` dVdf ]eh Z]` \_e` \_]j SV dVa]ZReVUeSf e V]eYVc dVf aa` cèVU S]` eYVc def UZ/dZ

4` \_V]dZ` \_4dVReVU S] ě aVcZ\_VTVH ZeY @eYVc: \_df ]Z\_dZEYzIdR]T` WYj a` X]j TV^ ZR h ZeY 2WkkR Zdf TY R  
T` \_ecRdeh ZeY dèR\_URdU Z [VTeVU\_Z\_df ]Z` eYReVi aVcZ\_VTVh ZeY eY` dV ac Uf Ted` W]cd` \_ YV]aV] ]Z\_Wc^ Rf  
eZ` \_Z\_eYV f dV` W2WkkRŽ:WR\_j eYZ\_XtaYj dZTR\_dRdV\_f\_Uf ]j dV]f TeR\_eè f dV 2WkkR SRdVU f a` \_ eYVZ  
` \_ h ]VUXV\_R\_U Vi aVcZ\_VTVh ZeY eR UZeZ` \_R] Z\_df ]Z` dZEYzIdZ f` Wcaf` \_ReV WcaReZ` \_edZ H V ReGUMi YRgV  
` dVdVgReZ` \_dRS` f eeYV cZa` WYj a` X]j TV^ ZR h ZeY 2WkkRŽ

7f cèYVdèYV ac Uf Te]RSV]h YZTY dèReVdÈEYV^` deT` ^ ^` \_ RugVadV dVTeZ` \_dRdd` TZeVU h ZeY 27C6KK2  
i#` ` cXcdReVcZ\_TZUV\_TV/RdV Yj a` X]j TV^ ZRèT f XY R\_U eYc` ReaRZ` \_cZcZèReZ` \_t` ^ Rj` SV WRTef R]j` RTTf f  
dReVLSf eZiYZY]j` ^ ZI]VRUZ\_XZEYV ]RSV] X` Vd` \_ è dèReVÈ9j a` X]j TV^ ZR ZI eYV^` deT` ^ ^` \_ RugVadV  
dVTeZ` \_ Rdd` TZeVU h ZeY Z\_df ]Z` dZ` T]f UZ\_X 27C6KK2Ž 3j Rdd` TZeZ` X 2WkkR h ZeY` eYVcZ\_df ]Z` dèYV  
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7]ReeVc4f cgVdZH ZeY R]] df S[VTedf dZ\_X 2WkkRh VdRh ØReeVcS] ` UX]f T dV Tf cgVdZ\_eYV 48> dRU` f edZ  
:eZIT]VRch ZeY 2WkkRaReZV\_edRTYZ/gV] h VcYZYdR\_UYZYVc] h dZ CVTV\_ed/dVRcTY YRdWTF dMU` \_  
eYVR^ a]Zef UV` VS] ` UX]f T dV ]VgV]dRdRdVaRcReV cZd VRTe` cWcT ^ a]ZTReZ \_dW ^ UZRSVeVdZ EYVdV Zd  
Xc` h Z\_X VgZUV\_TV eYReXd/ReVcR^ a]Zef UV\_Z\_eV]VZdR cZd e` aReZV\_edkUZdeZ TeW ^ RgVdRXV 9S2" T ]VgV]k  
` ceYVXd/ReVcZd ` Wj a` X]j TV^ ZR Uf V e` Xd/ReVcS] ` UX]f T dV Øf Tef ReZ \_ZEY ZI [f deRUUde` eYV` gVd  
h YV]^ Z\_X a` ` ] ` WUReR h VYRgV XReYVd/U df aa` ceZ\_X eYV f dV ` V2WkkRZ

@eVcDRWj 4` \_Tvc\_dZEYV` eYVca` eV\_eR] cZdTV\_eVc^ ` de]j ` \_T \_Tvc\_dRS` feUR^ RXVe` eYV]f \_XdZ  
D ^ VYRgV Yj a` eYVdZkVUR cZd ` Wj \_X TR\_TVd` eYVcdTZVUZ^ Z\_ZYVU af ]^ ` \_Rj TRaRTZej R\_U deZ]]` eYf  
VcdT \_Tvc\_ZdXV\_VdR] ZcZReZ \_e` eYV]f \_XdZ 2ddeReVURS` gVth VTR\_` e^ VR\_Z\_XW]]j VgR]f ReV eYV TRd  
TZ` XV\_ZTzej ` V2WkkR SVj ` \_U eYV Z\_Wc^ ReZ \_df aa]ZUSj eYV ^ R\_f VRTef dVZ EYReUReR ZdaVcdf RdZgV e  
GUVi Z:\_ ZedUVgV] a^ V\_eZkVUR h Rd^ ` dV eY` c` f XY]j def UZUW ^ eYVaVcdaVTeZgV` VTRcTZ` XV\_ZTzej k  
eYR\_AxkVdd\_ZYR]VU\_Zdf ]Z\_ac` Uf TeZi f SVcZZEY` dV def UZ/dc/gVR]VU\_` TR\_TVccZdZ` \_RUUZez \_teYVd/  
Rd/R\_f^ SVc` VdReZV\_edh Y` YRgV SW\_f dZ\_X 2WkkR Wc^ ` dV eYR\_RUVTRUV\_` h R\_U h VYRgV j Vee  
YVRcRdZ\_X\_ZeTR\_eTRf dV WcT \_Tvc\_Z\_eYVZcVi aVcZV\_TVZ 7f ceYVdXZgV\_` f cf \_UVcdR\_UZ\_X` WeyVT ^ f  
a` \_V\_ed` V2WkkRkd/Xf ]RdSZ fZUV\_eZTR] Yf ^ R\_Zdf ]Z\_a]f dR\_Z\_VceTRccZ/c^ ` ]VTf ]Vth VU` \_IeSV]Z/gV  
eYVdV ZITRf dV WcT \_Tvc\_Z

# 6WTRTj

DaWU

4]VRcj f dV` WZ\_df ]Z\_ ZdR\_ VVWTeZgVh Rj e` dUf TV S]` U df XRdR\_U dZ\_TV 2WVkkR ZdZ\_df ]Z\_ tZeU` Vd [f de eYReZ: \_ VgR]f ReZ\_X R\_j adR\_UZ] Z\_df ]Z\_ tcaWU ZdR TcZeZTR] ^ VecZiZ 2 ^ R] cZdf VZ\_ eYV f dV` WZ\_ [VTeVU adR\_UZ] Z\_df ]Z\_ dYRdSW\_ eZ^ Z\_X eYV U` dZ\_X d` eYReeYVZ\_df ]Z\_ ZdadVd\_eR\_Uh` cZ\_X h YV\_ eYV ^ VR] ZdadVd\_eZ > ZdeZ^ Z\_X` WeyVeh` ZRgVg ]RcXVWTe cZ\_ eYV Z\_TZV\_TV` WVj a` Xj] TV^ ZRZ

2WVkkRX` Vde` h` c` gVg bf ZV]j R\_U eYVd/RdV d` ^ V\_f R\_TVdZ\_ Zedf dV RdR dVdf ]eZ AREZV\_ eddY` f ]U? @E RU^ Z\_ ZdeVcZeSWWd/R ^ VR]Z 5` Z\_X d` [f de dVdf ]edZ\_ eYV]` dd` Wd` ^ V` WeyVX]f T dV]` h VcZ\_X RSZ]Zej` WeyV ac` Uf TeSVTRf dV Zeh Z] SV ^ VeRS` ]ZVU SWWdV eYV W]] X]f T dV WVWTe` WeyV ^ VR] Zd dV/VTeVU Z\_ eYV S]` UdcdR^ Z 3]` UX]f T dV ]VgV]dTR\_ RTef R]]j SVT ^ V` f e` W` \_ec` ] RdR dVdf ]eZ EYV` \_V bf R]Z Vc e` eY Z dZ eYV dZef ReZ \_ Z\_ h YZY RaVcd` \_ a]R\_de` T \_df ^ V gVg dZ^ a]V TRcS` Yj UdReVd]Z V d` WUcZ` \d` `cTR\_Uj Z 3VTRf dV eY` dV ac` Uf Tedac` Uf TV R dRaZUcR^ ReZ cZV Z\_ S]` U df XRdZe ZdadWdRS]V e` eR\ V 2WVkkR dZ^ f ]eR\_V` f dh ZeY eYV deRce` Wdf TY R ^ VR]` cVgV\_ R W h ^ Z\_ f eVd SWWd/Z 2WVkkR h Z] S]f \_e eYV cZVZ @eYVch ZMh V dV T ^ ^ V\_U RU^ Z\_ ZdeVcZ\_X 2WVkkR RS` f e"&^ Z\_ f eVd R W ceYV deRce` VR\_` c` R] ^ VR]Z

DWDef UZ/d\$2 É 4` \_ eYZla` Z\_eZ

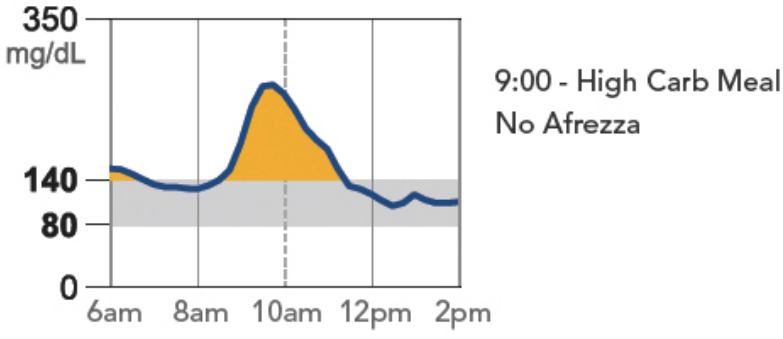
Def Uj ` 2 É 4+F dV` V2WVkkR Z\_ H V]] 4` \_ec` ]]VU] > ` UVde > VR]

EY Z dVcZ/d` Wdf UZ/d Z\_g ]gVU eYV f dV` V2WVkkR Z\_ Rh V]] T \_ec` ]]VU] UZRSVeZ] aReZV\_ eh ZeY R Tf cdV\_e 9S2"T` W Z` \_ 2WVkkR @? =Z

Def Uj ` 2 É 3RdM]Z\_V

5VdZ\_X ZeYV df S[VTeSVXR\_ VReZ\_X R' i ef dVj df S dR\_Uh ZY h ZeY R''' ` f \_TV df XRj UcZ` \ Re\* † ! R^ h ZeY` feeRZ\_X R\_j 2WVkkRZ

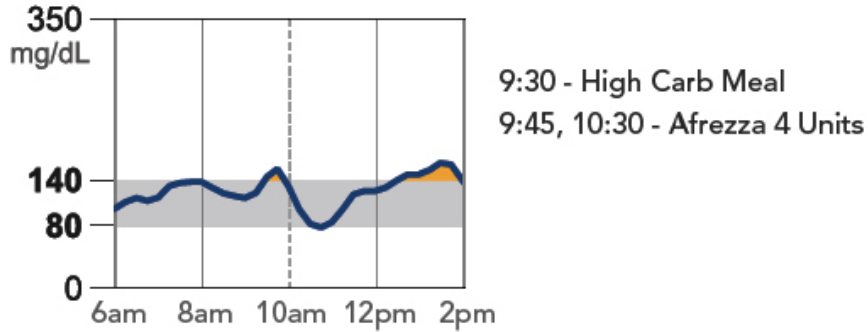
CVdf ]eZ EYV S]` UX]f T dV Vi Tf cdZ \_ YVcV ZdT]RcdZ ZeYV df S[VTe d deRceZ\_X S]` U df XRch RdRaac` i Z^ ReV] j] "#! tR\_U` gVceYVT f cdV` VRS` f eR\_Y` f d d j c` T V ede` h V]] Z\_e` eYV #! ! dZ EYV S]` UX]f T dV deRj d V]VgReVU WcdVgVcR] Y` f cd f \_eZ] eYV ^ VR] YRdSW\_ UZVdeVU Z



## Def Uj ' 3 É :\_Z[R] fl 7 ]] h f a U dZ\_XL%f \_Zed

5VdZ\_ŽEYdZ\_g` ]gVU eYVdR^ V df S[VTeRdDef Uj ' 2 VRēZ\_X eYVdR^ V ^ VR] SVXZ\_\_Z\_X RS` fe\* -\$! R^ ŽEYV df S[VTeRU^ Z\_ZeVcVUR%f \_ZeU` dV` W2WkkR"&^ Z\_f eVdRwVcSVXZ\_\_Z\_X YVc^ VR]h ŽEY RW]]` h f a U dV`&^ Z\_f eVd]ReVčDYVUZU\_` eVReWc^` dV eYR\_#Y` f cđW]]` h Z\_X YVc]RdeU` dV` W2WkkRŽ

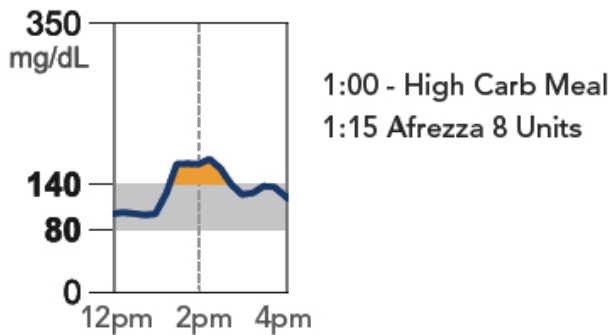
CVdf ]edŽ4]VRcj kS` eY U` dVdV]Z^ Z\_ReVU eYV Vi Tf cđZ \_ eYRe` TTf cđU\_Z Def Uj ' 2tR\_U Uc` gVU` h\_eYV S]` U df XRC]VgV]ŽEYV df S[VTeUZU\_` eSVT ^ VYj a` X]j TV^ ZtR\_U eYV S]` U df XRCdVT` gVdU` gVceYV T f cđV` WRS` fe\$%Y` f cđŽ



## Def Uj ' 4 É F dV` WY f \_Zed?` 7 ]] h f a

5VdZ\_ŽEYV df Uj Z\_g` ]gVU eYVdR^ VaReZ\_eT` \_df ^ Z\_X eYVdR^ V ^ VR] RdZ Def Uj ' 2tReRS` fe"! a^ ŽEYV df S[VTe eYV\_e` \ R dZ\_X]Vt) f \_ZeU` dV` W2WkkR Re"#&a^ ŽDYVUZU\_` eVReWc^` dV eYR\_%Y` f cđŽ

CVdf ]edŽEYV W2WkkR bf Z[V]j Sc` f XYeeYV S]` U df XRCU` h\_R\_U \VaeZeU` h\_WcdVgVdR]Y` f cđUVdaŽV eYVdV SVZ\_X\_` W]]` h f a U dVŽD` ^ V` W eYV cđV` WYVcS]` U df XRC]Z[V]j T f ]U YRgV SW\_RgVceVU ZWYV e` \ YVc W2WkkR U` dV Re eYV deRce` W eY Z YZY TRCS ^ VR]Ž



## 4` ^ ^ V\_ed

W2WkkR id daWU` VRTeZ` \_Zis` eY RS]VdZ\_X\_R\_U RTf cđVŽ 4]VRcj kZeZ]R]RcXV VRTe` cZ\_eYVdRWej` W eYV ac` Uf TeZ Sf eWc]` \_XVc^ VR]d]j` f ^ Rj` \_WU^` dV W2WkkR e` \ Wa eYVa` deaR\_UZ] ]VgV]dZ TYVT ŽH V YRgV dT` ^ ^ V\_UVUW]]` h f` \_U` dV dVŽ 7 cVi R^ a]Vh VRUGZMU h ŽEY R deR\_URdU` ^ VR] e` U` dV W2WkkR"& #!` ^ Z\_f eVdRwVc eYV deRce` W eYV ^ VR]tR\_U eYV\_R\_` eYVcU` dV` W eYVdR^ V dZVRS` fe`&^ Z\_f eVd]ReVč H ŽEY gVj ]` \_X^ VR]d]h V YRgV VgV\_RUGZMU aReZ\_ede` RU^ Z\_ZeVceh` W]]` h f` \_U` dV dVWcgVj eZYe T` \_ec` ]Ž

2\_`eYVcdedReVXj Zde U dV^`d/YVRgZj Z\_eYVZ\_ZeR]U dV\_R\_U?@EU`RW]]`h f aZ:eRaaVRcd eY Z d TR\_SVbf ZV WWTegV Re\WaZ\_X eYV a`d d aR\_UZR] ]VgV]dZ\_TYVT\_VgV\_dVgVcR]Y`f cdW]]`h Z\_X eYV^VR]Z\_DZ\_TV 2WkkR YRdf TY R Sc`RU dRWej`^ R cXZ\_LeY Z dY`f ]U\_`eT`\_TVc\_aReZ\_ed`cac`gZVcdZ

H V Y R gV^ V\_eZ`\_VU dVgVcR] eZ^ VdeYRe 2WkkR Vi ZedeYV S]`U dcdVR^ gVg bf Z\j] Z`2S`fe\*!`" `VZeZd X`\_VZ`\*!`^ Z`f eVdZ EYV`SgZ`f dbf VdeZ`\_ZdE9`h TR`ZeSVT`\_ec`]]Z\_X S]`UX]f T dV ]VgV]dY`f cd]ReVc eYV\_D`H V SV]Z]gV ZeZd Uf V e`eYV Z\_eVca]Rj SVeh W\_aR\_TdV RdR\_U ]ZgVZ`E`deReV Ze dZ`a ]j Ze RaaVRcd 2WkkR`\_c^ R]ZkVdaYj dZ`] Xj df TY eYReVgV\_eY`f XY eYV 2WkkR Ze dV]WRdSW`^ VeRS`]ZkVU Rh Rj LZe d Z\_0f V\_TV eYc`f XY eYV aR\_TdV RdR\_U ]ZgVc]ZgVd`\_ZEY Z d R WRef dV`V eYV ac`Uf TeUVdVgZ\_X`^ f TY XcVRe VcZ\_gVdeZReZ`\_Z

#### 4^`aRcd`\_e`:\_[VTeU:\_df ]Z`

EYV ac`Uf Te]RSV] dV T`^`^ V\_UdRT`\_gVcdZ`\_`WU`dVd`VZ`[VTeU acR\_UZR] Z\_df ]Z`\_Z\_e` 2WkkR U`dVdZ`8V\_VcR]]j LaReZ\_ed\_WUR ]Zee]V`^`dV`2WkkR e`XVe eYV dR^`VX]f T dM]`h VcZ\_X WWT eRdZ`[VTeU\_Z\_df ]Z`\_ac`Uf TVdRTT`dZ\_X e`eYV ]RSV]Z`@f`cVi`aVcZ\_TV ZdeYRe`\_V`\_WUde`XZgV VgV`\_`^`dZ EYVT`\_gVd dZ`\_TYR e`\_`eYV 2WkkR ac`Uf Te]RSV] Z dZ\_df WTV\_e e`RTY Z]gV eYV UVdZVU ]VgV]`WK]j TV^`Z T`\_ec`]Z` :eY`f ]U SV`\_`eVUeY`h VgVdeYReRdh V SVTR^`V T`^`WcdRS]V h ZeY eYV dRWej`\_V eYV ac`Uf T e h V h VdV`\_T ]Z\_VU e`U`dV`^`d/RXXcdVdZgV]j e`RTY Z]gV SV eVcT`\_ec`] eYR`\_`\_V`^`ZYedW h ZeY Z`[VTeU\_Z\_df ]Z`\_Z`

2]d L\_Z\_df ]Z`\_dVdZ`R\_TV gRcdVdSj RgVdRXV X]f T dV ]VgV]dZ`2S`gVRS`fe#`!`L R]`e`^`dV`Z\_df ]Z`\_Z dVbf ZVU e`RTY Z]gV eYV dR^`VR^`f`\_e`WX]f T dV]`h VcZ\_X RdT`^`aRdU e`RS]`UX]f T dV ]VgV]`VdRj L`&`Z`2d`\_Vid RgVdRXV X]f T dV ]VgV]T`^`VdU`h`\_`h ZeY T`\_eZ`f VU f dV`W 2WkkR L`\_V TR`\_Vi aV Tee`dV R XdVReVc WWTeh ZeY eYV dR^`V U`dVZ`

:eZ dT]VRceYRe eYV Tf cd\_eac`WcdZ`\_R] Xf ZU]Z\_Vd dV T`^`^ V\_UZ\_X\_R`\_9S2`T`X`R]`W`" `c]VddRdV`Z\_df W]T Z/\_e e`WcdVdR]] eYV]`\_XteVc`T`^`a]ZTR eZ`\_d`WU]RSVeVdZ`6gV`\_ZMaReZ\_edT`f ]U XVe e`X`R]eR\_U dVTV\_e dVdV RcTY`Z\_UZTR eVd eYRe W h VceYR`\_ \$!`" `VdReZ\_ed dV RTY eYRea`\_Z`eLeYVj`h`Z]`deZ] YRgV]`\_XteVc`T`^`f`a]ZTR eZ`\_dZ`\_2`\_9S2`T`W`eR`\_d]ReVdZ`e`R`\_RgVdRXV S]`\_U df XRC]VgV]`VRS`fe"&&""`!`Z:eZ d h V]]Vd eRS] Z dYVU eYRe`^`Zc`gRd Tf ]RcUR`^`RXV 368: ? De`\_T Tf cReS]`\_U df XRC]VgV]d`W%`ZEYVUR`^`RXV XVe d ac`f`XcdVdZgV]j`h`cdV eYV YZYVceYV ]VgV]Z`2]d LeYV Z`TdV RdV`Z`UR`^`RXV Z d?`@E`R`dcdRZY e]Z`V W]\_TeZ`\_`h`ZeY S]`\_U df XRCZ`CReYVcZeZ`^`dV ]ZV R XV`^`VecZ`ac`XcdVdZ`\_Z`AR eZ\_ed h ZeY R`\_RgVdRXV`W&&""`!`daV`UR`XcdVReUVR]`V eZ`VRS`gV eY Z da`\_Z`eZ`2d R dVdf ]eLeYVj`RdV`Z`VgZeRS]j`Vi`aVcZ`\_TZ`\_X`dZ`\_Z`\_TR`\_eUR`^`RXVZ`

#### Df`^`^`Rg`\_`WWT RTj`\_7Z\_UZ\_Xd`

EYVdV`\_VgVcYRdSW`\_R\_j`U`f`SeRS`fe eYV WWT RTj`\_VZ`\_df ]Z`\_Z`\_]`h`VcZ`\_X`S]`\_`UX]f T dVZ`2WkcR]]LeY Z d Y`h`eYV S`Uj`U`VdZe`\_`c`^`R]]j`ZH`V`U`Z`\_`eZ`\_gVdeZReV`UZVTeT`^`aRcd`\_`SVeh`W`\_`U`dVd`VZ`[VTeU`Z`\_f`df ]Z`\_R`\_U`2WkkR`ZH`V`TR`\_T]VRcj`deReV`eYRe`2WkkR`Zd`gVg`WWTegV`Re]`h`VcZ`\_X`S]`\_`UX]f T dV ]VgV]dR`\_U`X`Vde`h`c`^`f`TY`bf`Z`V`VZ`EYV`dR]`RUgR`\_eRXV`\_W`h`W`U`Z`dZ`\_eZ`\_Z`\_X`+eYV`RS`Z`Z`e`e`YRgV`Z`\_df ]Z`\_acVd`\_e`R`\_UR`TeZ`gV`h`YV`\_`eYV`df`XRC`Z`d`acVd`\_eZ`\_eYV S]`\_`U`Z`2WkkR`YRd`R`Y`f`XV`RUgR`\_eRXV`YVdZ`

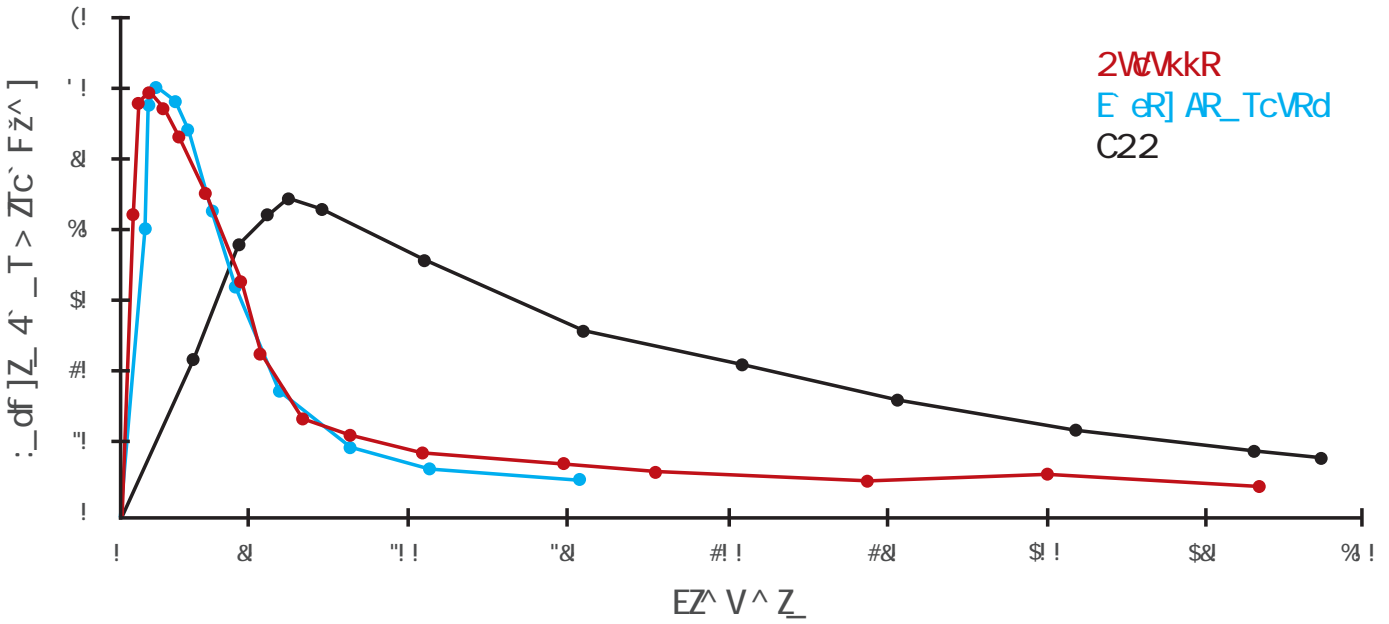
# CV]ReZgV F e]Zj

:eZdSVj`\_UeYVdT aV`WeyZdU Tf^ V\_ee` dVgZ/h R]] UZRSVeVdeYVcRaZ/dZ 9V\_TVh V h Z]] RUUcVddeYV  
T^ aRcZd`\_ VZVWkkRè eYV^` deT^` \_jj adVdTcZSVU^ VUZTRèZ \_de URj Z

## Ej aV"

Ej aV" aReZ\_ed\_WUS` eY SRdR] R\_UadR\_UZ] Z\_df ]Z\_ZDZ\_TV 2WkkR ZIRadR\_UZ] Z\_df ]Z\_Th V h Z]] T`\_x\_V  
`fcT^ aRcReZgV d/^ Rcdè` eYVcadR\_UZ] Z\_df ]Z\_dZ EYVcV ZidZ^ a]] \_` T^ aRcZd`\_ SVeh W\_ 2WkkRR\_U  
eYV VdeVdeadR\_UZ] Z\_df ]Z\_dkd fTR]]VU CRaZU 2TeZ\_X 2\_R] XdIC22/Z 2dj` f TR\_dVZ\_eYV xXf d/SV]` h k  
2WkkRSVXZ\_de` h` c^ fTY^` d/bf Z\j R\_UkaVcYRad^` d/Z^ a` ceR\_ejj t]VRgVdeYV d] deV^` ^ fTY  
^` d/bf Z\j Rdh V]]Z EYZidVdf ]edZ\_eYdWkVj SV\_VxèZ ZcdèYVcV ZdgVj ]Zè]VTYR\_TV` W` ZdeZ` Z\_X eYV  
U` dZ\_X dZ\_TV`\_V SVXZ\_dU` dZ\_X 2WkkR ej aZTR]]j ReeYV deRce` W` cdVgVcR]` ^ Z\_f eVdZ\_e` R^ VR]Z DVT`\_Uk  
`\_VRg` ZUdeYV ac S]V^` W` ZIU` dZ\_X Z AdR\_UZ] Z\_df ]Z\_U` dVd\_WUè SVRU[f deVURT dZ\_X è eYV  
TRcS` Yj UdReV\_T`\_eV\_e` VR^ VR]Z 7 cVi R^ a]VZVR aVd`\_ a]R\_d`\_ YRgZ\_X RaRdeR UZ`\_VdèYV` cdYV h Z]]  
ej aZTR]]j U` dV` \$ !` ^ Z\_f eVdSWWd/R^ VR]Z 2ddf TYkèVj dVR]]j dY` f ]U`\_ eTYR\_XV W` ^ h YReeYVj Z\_eV\_U  
VUè VReh YV\_eYVj U` dMUZEYVj fV] T\VU\_Z RdR dVdf ]e` WèYVZ:U` dZ\_X Z H YZV 2WkkRU` dRXVdTR`\_R]d  
gRg` d` ^ Vh YReh ZèY eYV TRcS T`\_eV\_e` VR^ VR] SfeZèRaaVRcd ]Vddd` eYR\_h ZèY Z [VTeVU\_Z df ]Z\_ /èY` dV  
U` dVdRdV\_ fèeR\_V\_f\_eZ`\_VR Tèf R]] SVXZ\_de` VReZ` D` kèYV aVd`\_ R]dVRUj` \`\_ h dY` h` ^ fTY ac Uf Tee  
RU^ Z` ZèVZ` EYZUR\_U` ^` deZ` a` ceR\_ejj ZèYV dVdeRS] ZY^ V\_e` W` ^` ^` f\_ZTRèZ`\_ SVeh W\_aR\_TcVRd  
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S` Uj Xved]` h k]f deRdYRaaV\_dh ZèY` \_` c^ R]k`\_`\_ f UZRSVeZ aYj dZ` ] Xj Z

9` h 2WkkR: \_df ]Z\_ T` ^ aRcVd  
è 9VR]eYj ?` \_UZRSVeZ: \_df ]Z\_ cVda` \_dV  
iEYV C22 Tf cgVdRcVR XcRaY ZTR] Raac` i Z` ReVcVacVdV\_eReZ` \_` WURèR deV^` ^ Z\_X Vè` ^ dVgVcR] def UZVcZ





# Ej aV#

EYV ^ R[ cT]RddVd` W\_` \_fZ\_df ]Z\_ Ucf XdRd/ UVdTcZSVU ScZ/Øj SV]` h Ž

> VeWc^ Z\_ i3Zxf R\_ZUVŽ4]VRcj eYV ^ ` deT ^ ^ ` \_ edVRe^ V\_eWcaV a]V h ŽEY Ej aV# UZRSVe/dZd^ Vd Wc^ Z\_ Ž: \_ VRTeReeYV xcdedZ\_` WēYV UZMRdV Rdad/UZRSVe/d^ R\_j aYj dZTR\_daf eeYVZcaReZV\_ed` \_ eYV Ucf XŽ> VeWc^ Z\_ Zdz\_Vi aV\_dZgVtVRcj e` eR\VR\_U^` UVde]j VVVTeZgV\_Z\_eYV VRcj deRXVd` WēYV UZMRdVŽ :edacZ^ Rj ^ ` UV` VRTEZ \_ Zde` UVTd/RdV YVaReZ X]f T dV ac` Uf TeZ \_ R\_U\_Z\_Td/RdV X]f T dV f aeR\V\_Z ^ f dT]VdZ 2aac i Z^ ReV]j \$! `` ` VāV a]V ad/dTcZSVU ^ VeWc^ Z\_ dVa` ce8: UZled/dde] aZTR]]j TR^ aZ\_X\_R\_U UZRccYVRER\_UUZdT` \_eZ f VeYV ^ VUZTReZ \_ Ž> ` dV dTV\_edVdRcTY YRdWTF dVU` \_ R df daVTeVU ]Z\_ SVf eh W\_ ]` \_XteVc^ ^ VeWc^ Z\_ f dV R\_U 2]kYVZ^ VadUZMRdVŽ

=Z^ ZReZ \_d+^ VeWc^ Z\_ U` Vd\_jeRte` \_ eYV acZ^ Rj aYj dZ ] XZTR] UVxTZ/\_Tj ` WUZRSVe/dLSVeR TV]] Uj d W\_ TeZ \_ Ž:eZdR XReVh Rj Ucf X ]VRUZ\_X e` ]RcXVcR\_U ]RcXVcU dVdR\_U ]ReVde` \_Vh ` dR] ^ VUZTReZ \_dRd aReZV\_edf S]` ` Udf XRcT` \_ec` ] UVT]Z\_VdZ

Df ]W\_j ]f dVRdZ EYzdT]Rdd` WUcf XdZ\_Td/RdVdZ\_df ]Z\_ dVtCveZ \_ W^ SVeR TV]]dZ:eZd VVVTeZgVtRccZ/dR cZd ` WYj a` X]j TV^ ZRER\_U TR\_ ac` ^ ` eV h VZYeXRZ\_Ž =ZV ^ VeWc^ Z\_ tdf ]W\_j ]f dVRd]` dV eYVZc VVVTeZgV\_Vdd ` gVceZ^ V Rd eYVdV Zd Wf ceYVc SVeR TV]] UVT]Z\_Vt]VRUZ\_X e` aReZV\_ed RUUZ\_X R\_` eYVc^ VUZTReZ \_ e` ^ RZ\_ t eRZ\_ S]` ` Udf XRcT` \_ec` ] Ž

EK5dZ EYVdV Ucf XdZ\_Td/RdV\_Z\_df ]Z\_ dV\_dZgZj tRcV dV]ReZgV]j dRW Sf eTRcj R cZd ` Vh VZYeXRZ\_ tS]` ReZ\_Xt YVRceWRZf dV\_R\_US` \_V VRTEf dVdZ EYVj e` ` ] dV VVVTeZgV\_Vdd` gVceZ^ VZ

5AAI%Z\_YZSŽe` cZ EYV ^ ` UV` VRTEZ \_ WceYVdV Ucf XdZde` Z\_Td/RdV\_Z\_df ]Z\_ dVtCveZ \_ tR\_U UVTd/RdV X]f t TRX` \_ dVtCveZ \_ tēYVdVsj UVTd/RdZ\_X X]f T dV ac` Uf TeZ \_ Ž EYVj RdV dRW\_R\_U h V]]e` ]VdReVU Sf eRXRZ\_ t eV^ a` dRj Ž 2d SVeR TV]] WRZf dV ac` XcdVdVdeYVdV ^ VUZTReZ \_dSVT ^ V ]Vdd VVVTeZgVŽ

8=AI" dVTVae` cRX` ZdeZ EYVdV Ucf XdRTedZ^ Z]Rcj e` 5AAI%Z\_YZSŽe` cZ EYVj RdV` \_ eaRceZf ]Rcj h V]]e` e` ]VdReVU Y` h VgVd h ŽEY RdZ\_X\_Z TR\_eaVcTV\_eRXV` VāReZV\_edVi aVcZ/\_TZ\_X\_Rf dVRR\_U g` ^ ZēZ\_X tR\_U eYV T]Rdd` WUcf XdYRdSW\_ Z^ a]ZTReVU\_Z\_aR\_TdVReZdZ

D8=EI# Z\_YZSŽe` cZ EYzdV]ReZgV]j \_Vh T]Rdd` W` VUZTReZ \_dRTedSj UVTd/RdZ\_X dVRSd caeZ` \_` WX]f T dV Sj eYV \ZU\_Vj dVdf ]eZ\_X\_Z` ^ ` dV X]f T dV SVZ\_X Vi TdVeVU\_Z\_f cZ\_VZ EYVdV RaaVRde` SV ]Ze]V Yj a` X]j TV^ Zt cZd R\_U eYV Ucf XdRd/ VVVTeZgVŽ 9` h VgVdeYVdV RdV ^ R\_j dZUV VVVTeRdd TReVU h ŽEY eYV Ucf XdR^ ` \_X eYV^ f cZ\_Rj edRteR\_U \ZU\_Vj Z\_WTeZ \_ dka` ]j f cZRUVYj UdeZ` \_ R\_U aR\_TdVReZdZ 7f ceYVdeYVdV ZdR\_ Vh 3]RTA 3` i h Rc\_Z\_X` \_ :\_g` \R\_RtRa` af ]RcUcf X` WēYzdT]RddZ

6RTY` WēYVdV T]RddVd` W` VUZTReZ \_dYRdd` ^ V f eZ]ej Z\_eYV daVTeaf` ^ ` WUZRSVe/dedVRe^ V\_edLSf eVRTY R]d` h` cVdZ\_UZVTe]j` \_ eYV acZ^ Rj ac` S]V^ ` VSVeR TV]] Uj dW\_ TeZ \_ Ž> ` deVi RTVcSReV SVeR TV]] WRZf dV ]VRUZ\_X e` eYV RUUZēZ` \_` W eYVc^ VUZTReZ \_dZ 2ed` ^ V a` Z\_ de] aZTR]]j ]ReV\_Z\_eYV UZMRdV ac` XcdVdZ \_ tR]] eYVdV Ucf XddV^ e` ] dV eYVZc VVVTeZgV\_Vddih VU` \_JeYRgV\_V` f XY URRe` e` dRj eYReUVx\_ZēZgV]j RS` f e eYV D8=EI# Z\_YZSŽe` cZ Ž:eZdRZUR` S` f e UZRSVe/d eYVcRaZ/d eYReRER]] c` RUd ]VRU e` Z\_df ]Z\_ Ž` gV\_ef R]]j eYRe ZdeYV ]RdeVd` ce h YV\_ VgVg eYZ\_X V]dV WRZdZ

:\_df ]Z

:\_df ]Z ZdeYV ^ ` deVVWTeZgVLR\_UUZVTeh Rj e` ] h VcS] ` Udf XRCZ\_eYVS` Uj ŽF\_Woaf\_ReVj tZ\_VTeU  
Z\_df ]Z YRdRUR\_XVc f dYZde` g Ž5` dMU\_Z\_T cVTej tZ\_df ]Z TR\_]VRUè Vi ecV^ VYj a` Xj] TV^ ZRdVdf ]eZ\_X\_Z  
T ^ RR\_UVgV\_UVReYŽEYV ac S]V^ ZdeYReVi ` XV\_` f dZ\_df ]Z\_U Vd\_` e^ Z^ Z eYV RTEZ \_` VW\_U XV\_` f d  
Z\_df ]Z ŽCWWoZ\_X e` acR\_UZ] Z\_df ]Z ddaVT&TR]]j tR]] Vi ` XV\_` f dZ\_df ]Z dVZ] è RTYŽ/gV eYV xcd aYRdV  
Z\_df ]Z dVda` \_dV eYReh V` SdVgVh ŽeY Z\_df ]Z\_Vi TdVeUSj eYVaR\_Td/RdZ\_dVda` \_dV è R^ VR]Ž

2UUZŽ \_R]] tZ\_df ]Z f dV Z\_Z\_T \_gV\_ZV\_eŽ:e^ f deSV Z\_VTeUR\_U\VaedWZVdReVU h YV\_` ` ef dMUŽ:\_  
RUUZŽ \_teYVaRZ\_` WZ\_VTeZ\_dZdeYVRdd]V VRTe` c` VTRcj\_Z\_X df aa]Z/d df TY RdR]T Y` ] h ŽaVdLS]` U  
df XRceVdeZ\_X df aa]Z/dŽ:\_df ]Z f dV Wcd ^ VR]d` TRccZ/dR deZ^ RŽ

BfVde7 cDaWUŽDTZV\_eZdadYRgV] \_Xf\_UVcde` U eYV\_WUWcVRdRTEZ\_X\_Z\_df ]Z ŽEYVj YRgVf\_UVcde` U  
eYV\_WUè ac` Uf TVR\_VRCj] txcdeaYRdV\_Z\_df ]Z dVda` \_dV è ^ Z^ Z \_` c^ R] aYj dZ ] Xj tR\_U è UV]ZgVceYV  
Y` de` WSV\_VxedeYReØ` h deYVdW^ ŽEYZid eYV9` j] 8cRZ]` VdR\_UZ] Z\_df ]Z UVgV] a^ V\_eŽ 2\_UkeYVd/  
YRdSW\_gVg dZ\_X\_ZR\_eac` XdVdZ\_eYZidRVR` gVcdVgVdR] UVTRUVdŽE URj İdEdRaZ]RTEZ\_X\_R\_R]` XdV Wc  
Vi R^ a]V?` g` ] XR\_U9f^ R] XtRcV^ f TY VRdeVceYR\_eYVZcadUUTVdV cdeR\_U RcdV df TTVdVVR] ac` Uf TeZ  
? VgVceYV]VdVLaReZ/\_edRcdVdeZ] RUGZMU è Z\_VTe eYVZcadR\_UZ] Z\_df ]Z\_Z\_RUGR\_TV` WèYVZ^ VR] Z\_Y` aVd  
` WèZ` Z\_X eYV adVdV\_TV` WZ\_df ]Z h ŽeY eYV adVdV\_TV` WX]f T dVŽEYV C22dRTYŽ/gV aVR\ T \_TV\_eoReZ` Z  
RS` f eR\_Y` f ŽD` t h YZV^ f TY SVEeVceYR\_eYV` ]UVcZ\_df ]Z d eYV C22dVRZ] è dV ac` Uf TV eYV xcd aYRdV  
Z\_df ]Z dVda` \_dV TYRdRTEVcZteZ` W\_` c^ R] aYj dZ ] Xj Ž

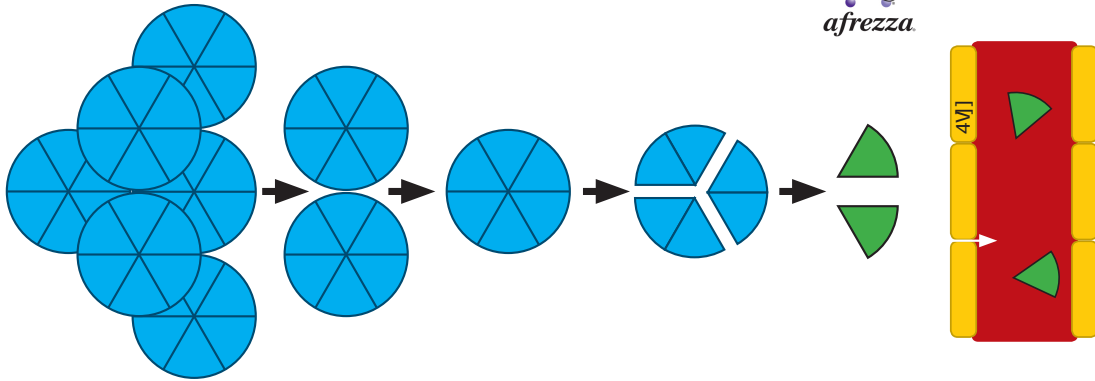
CRaZU 6]Z` Z\_ReZ` ŽZdZ` a` ceR\_eRdeYV daWU` W\_dVeh ŽeY Z\_df ]Z ZdeYV daWU Reh YZTY eYV\_Z\_df ]Z Zid  
V]Z` Z\_ReVU W^ eYVS` Uj ŽDZ\_TV eYV ej aZTR] aVcd` \_UZVdcdR^ VR] Z\_RS` f e eYdWY` f cdeZUVR]]j eYV\_Z\_df t  
]Z\_h` f ]U SVX` \_VReeYReeZ^ V e` Ž 6i TVdZ\_df ]Z\_Z\_eYVS]` UdecVR^ dZ^ a]j UcgVdS]` Udf XRC]` h Vd  
cZdZ\_X Yj a` Xj] TV^ ZŽEYZid T\_eZ` f Vde` SV R dZ\_X\_ZR\_e]Z^ ZReZ` \_Z\_eYV f dV` WZ\_df ]Z è URj ŽEYV C22d  
dV^ RZ\_Z\_eYVS]` UdecVR^ WcY` f cdR WceYV^ VR] ZidUZVdVUŽ 7f ceYVdeYV V]VgReVU\_Z\_df ]Z ]VgV]d` W a  
X]f T \_V XV\_VdZidRcdVdeVUkeYVdV]Sj Z\_Td/RdZ\_X eYV cZd` W]j a` dŽ

EYV > RXZT` VZVWkkRŽZdddeReVU V]dVh YVdV\_Z\_eYZidV a` ce2VWkkRU` Vd\_` edf WWCW^ eYVUVxTZV\_TZ/d  
` W eYVcZ\_df ]Z dŽ:\_ VRTekeYVA<žA5 ac` x]V dV^ de` SVR]` ^ deR\_ZUV\_eZTR]` ^ ReTY è \_` c^ R] aR\_Td/ReZ  
Z\_df ]Z ŽD` t h YReTRf dVdeYZD EYV eh` ac` aVceZ/d eYReT \_ecZf eV è 2VWkkRİdRaZUÈ \_f` WVRTEZ` \_Rcd  
eYV ^` ]VTf ]Rcded Tef dV 2VWkkRR\_U eYV c` f eV` WUV]ZgVg` WèYV ac` Uf TeZ

2VWkkRİd>` ]VTf ]Rcded Tef dV Ž2VWkkR\_Z\_df ]Z ZdeYV` \_]j\_Z\_df ]Z\_Z\_eYV h` d]U eYReYRdR^` \_` ^ VcZ` ^` t  
]VTf ]Rcded Tef dV Ž2]]` eYVcZ\_df ]Z dRcdVYMi R^ VcZ Ž 7 cVi R^ a]V EYVS` Uj TR\_` ef dV YMi R^ VcZ\_Z\_df ]Z Ž  
:e` \_WUd^` \_` ^ VcZ\_Z\_df ]Z ŽD` t h eYVS` Uj SdVR\deYV Z\_VTeUYMi R^ Vc^` ]VTf ]Vi` t^` ]VTf ]V TYRZ/\_Z è  
eYdWtUZ^ Vcdi#^` ]VTf ]V TYRZ\_d` R\_U eYV\_Z\_e` dZ t^` \_` ^ VcdidZ\_X]V^` ]VTf ]V TYRZ\_d ŽEYZid ac` TVdV` W  
SdVR\Z\_X U` h \_eYV\_Z\_df ]Z eR\VdeZ^ V Ž 3j T \_ecRde2VWkkR ŽidUV]ZgVdVURd^` \_` ^ VcZ\_Z\_df ]Z idV WZxf dV  
SV]` h/Ž 2dd` \_ Rd ŽedVRTYVdeYVS]` UdecVR^ tZed dV RUj è U Žed [ S

:\_df ]Z\_ T ^ aRcZd \_

@eYVc CRaZU 2TeZ\_X 2\_R]` Xd



> f ]eZ9M R^ Vc  
i/ & ! ! \5R/

5Z9M R^ Vc  
i(#\5R/

9M R^ Vc  
i\$ \5R/

5Z^ Vc

>` \_` ^ Vc  
i' \5R/

3]` ` U gVdM]

= \_X RTeZ\_X

CRaZU RTeZ\_X

2WkkRidC` f eV` WSV]ZgVj Z` 7f aeYVcT` \_ecSf eZ\_X e` eYV UV]Rj VU RTeZ` \_` WZ [VTeVU Z\_df ]Z\_ Zd eYV WRTeYRe  
Z\_df ]Z\_ YRde` UZM/dV eYc` f XY eZdf V if df R]]j WRe` e` XVeZ\_e` eYV S]` \_ UdecVR^ ŽEYZdR]d` eR\VdeZ^ VZ 2W  
VkkR Zd\_Z\_YR]VU R\_U f a` \_ T` \_eRTeh ZeY eYV RgV` ]Rcdf dRTV` W eYV ]f` \_Xd Re eYV a9` W eYV eZdf V k]Zof V x Vd  
R\_U Z^ ^ VUZReV]j UZM/dVdZ\_e` eYV S]` \_ UdecVR^ ŽEYV Z\_df ]Z\_ bf Z\ ]j UZd TReVdW ^ eYV TRccZ/c^` ]  
VTf ]V eV TY` \_` daYVdV R\_U Zd RgR]RS]V Wcf dV Sj` eYV S` Uj Z`

:\_ [VTeVU Z\_df ]Z\_ dRdV Rdd` TReVU h ZeY Z\_ [VTeZ` \_` dZV ]Za` Uj dec` aYj kdTRccZ\_X R\_U dVdf ]eZ\_X f` \_dV]RS]V f at  
eR\VZ`

4` ^ SZ\_Z\_X eYV ^` ]VTf ]Rcd eaf Tef dV` W2WkkRR\_U eYV c` f eV` WUV]ZgVj kac` Uf TVdUdR^ ReZTR]]j UZM/dV\_e  
RTeZ` \_` Z` eYV S` Uj Rd` f cdf UZ/d YRgV UV^` \_` decReVUZ` 4]VRcj k2WkkRV\_[ ] d eYV RUUZ` \_R] RUGR\_eRXV  
` WSVZ\_X VRdZ/cR\_U^` dV T` \_gV\_Z\_e e` f dVZH VdRh ]Ze]V UZM Tf ]ej h ZeY T` ^ a]R\_TVZ`

Df ^ ^ Rg ]` WZ\_UZ\_Xd` \_` CV]ReZgV F eZ]Zj

2 dVgZ h` W eYV Vi ZeZ\_X UZRSVeVd eYVd RaZ/d WcEj aV #d Zd` SVcZ\_X Z` :\_` ^ R\_j h Rj d eYV Tf cd\_e Raac` RTY  
ZdacZ` ZeZgV` cSRT\h RdJdZ EYV ^` de WWT eZgV eYVd Raj` Zd eYV ^` de dVf` \_` VUkZV Z\_df ]Z\_ Z` 6gVj eY Z\_X V]dV  
ZdVddV\_eR]]j R\_ReeV^ ae e` Rg` ZU f dZ\_X Z\_df ]Z\_ Z` D` ^ V` W eYV Ucf Xd YRgV ^` ZVdRS]V dZUV WWT ead` ^ V  
RdV ^ Z` Z` R]]j WWT eZgV R\_U R]] R dV eV^ a` dRg` Ž H V WdVd eR]] eYV Z` Vi` dRS]V ^ R cTY e` Z` df ]Z\_ h ZeY` eYVc  
eYVd RaZ/d Z` 3f dVgV\_h` cdMh YV\_eYV ^ VUZTR] T` ^ ^ f` \_Zj x\_R]]j T` \_TVUvd UMMReR\_UV^ ScRTVd eYV f dV  
` WZ\_df ]Z\_ kZidR]dV Ruj` e` ]ReV ŽEYV UZVRdV YRdh` \_` ŽAVc^ R\_V\_eUR^ RXV YRdSW` \_` VZ` =ZMReSVdek  
SVT` ^ VdRSRejV` W` Z` Z` kZ\_X eYV Uj dM]\_TeZ` \_` WUZRSVeVd Z` AReZV\_ed R dV eYV` WcTVU e` eYVc^ VUZTR  
eZ` \_d` cac` TVuf dVd e` UVR] h ZeY eYV Uj dM]\_TeZ` \_` Td/ReVU Sj` UZRSVeVd ŽEYVj eR\V ^ VUZTR eZ` \_dWc\_Vf c` at  
ReYj ŽEYVj XVe]RdVcac` TVuf dVd WceYV ]VRj S]` \_` U gVddV]dZ` eYV Z` Vj Vd ŽEYVj gZ eR UZR]j dZd TV\_eVceYdV  
eZ` VdRh W R\_U XVeY` \_` \U f a e` R^ RTYZ\_V e` T]VR\_dV eYV Z` S]` \_` UZH YReR h Rj e` ]ZgVZ`

@\_V` SgZ f dbf VdeZ` \_` ac/dV\_ed ZedM]WZ\_R\_j SRejV h Yj h` f ]Uj` f` dRgVj` f` cSVdeh VRa` \_` f` \_eZ]j` f` IgV  
R]dV Ruj` dV WWT eYV Yf XV]` cdVdD5` VdeYRe^ R\VR\_j dV\_dVOH` f ]U\_ ]ej` f` f` dVj` f` cSVdeh VRa` \_` xcd0



# F dRXV 8f ZUV]Z\_Vd

2eEYzdh cZ\_XtGUMi Zd`\_V` WəYV]RcXVdeacdVtCzSVcd` W2WkkRŽ 3Vj`\_U[f deacdVtCzSZ\_X eYV ac` Uf Teh V YRgV def UZU ŽeVi eV\_dZjVj tRdVgZUV\_TVU\_Z\_eYV VRcj aRXVd` WəYzDva` cēŽH VYRgVT]` dVj` ^`\_Že dUaRi eZ/\_edh YZV eR\X eYV^ VUZTReZ`\_R\_UW]gVj T`\_xUV\_eYReh Vf\_UVcdR\_UY` h Žeh` cđŽ 2dR dVf]e h V` WwceYVW]]` h\_Z\_X Xf ZUV]Z\_Vde` R\_j ac` gZUVcUVdZ\_Xe` Z\_T ca` dReV 2WkkRZ\_e` eYVZcadRteZVŽ

7 dXVeVgVj eYZ\_Xj` f VgVc\\_Vh RS` feZ\_df ]Z\_Ž\_df ]Z\_YRdRdVaf eReZ`\_tRSRU`\_VŽ:eh` cđh V]]` e` ] h t VcS]`\_U df XRCsfeZdVR]]j dXRdUUV RdeYV]RdeYVdRaj` iEj aV #/e` eej RWVcVgVj eYZ\_XV]dVYRdWRZVUŽ H Yj O 9j a` X]j TV^ ŽRŽ 5` Te` cdWRcZ\_df ]Z\_ŽEYV SVde eYZ\_X Rac` gZUVcTR\_U` ŽiWcXVeVgVj eYZ\_X YVždYV \`\_h dRS` feZ\_df ]Z\_Ž2]] eYV f df R] WRcdRS` feZ\_df ]Z\_dZ^ a]j U` \_` eRaa]j e` 2WkkRŽ

?WUe` eYZ\\_R\_UeR]] RS` feZUZWwV\_ej ŽAREZ/\_edR]d` WRcZ\_df ]Z\_ŽH YV\_eYVj YVRcZ\_df ]Z\_eYVj eYZ\\_Z\_VTeZ`\_dR\_UdVgVd/UZVRdVŽD`^VaReZ/\_edWV] RdYR^ VU\_Z\_YRgZ\_Xe` x\_R]]j SVXZ`\_f dZ\_X\_Z\_df ]Z\_ŽCVI dVRcTY`\_Z\_UZTRed eYReT`^a]ZR\_TVh ŽeY\_Z\_df ]Z\_eYVdRaj` Žd`\_eX`\_UŽ 2 SVeeVcRaac` RTY Žde` \_` eZ\_ŽR]]j VgV`\_^V\_eZ`\_Z\_df ]Z\_Ž5 Žd Tf ddY`\_h h ŽeY R\_Vh eYVdRaj` t]` f TR\_dRW]j`^R\_RXVS]`\_U df XRC[f de eVh R] eYVS`\_Uj`\_U`\_Vd`\_Ref`\_dR]]j Ž 5 Žd Tf dd`^V`\_WəYV\ Vj`\_R\_T]]Rj SV\_Vxed`\_W2WkkRd`\_f TY Rd d]VaZ\_X eYc`\_f XY eYV\_ZYed`^VeYZ\_Xh VYRgVdW`\_dXf ]Rcj`\_h ŽeY aReZ/\_ed`\_TV eYVj dRce`\_eYV^ VUZTReZ`\_Ž`\_>\_V\_ t eZ`\_Y`\_h 2WkkR ŽdR df aa]V^ V\_ee`\_h YReeYV aR\_TdRd ŽdR]dVRUj`\_U`\_Z\_XŽ 3dR\ eYV Rdd`\_TReZ`\_SVeh W\_ 2WkkRR\_U` eYVcZ\_df ]Z\_dŽ 6dRS]Z]Y R\_Vh Rdd`\_TReZ`\_SVeh W\_ 2WkkRR\_U eYV`\_c^ R] W/\_TeZ`\_Z\_X`\_W eYV aR\_TdRdŽ

3V TRdW]] RS` feXVeeZ\_X\_Ze` eYVa` dZ`\_`\_WYRgZ\_Xe` UWW\_U eYV f dV`\_W2WkkRŽ EYV ac` Uf Te`\_WUd`\_UWW\_dVŽJ`\_f dZ^ a]j YRgVe` Vi a]RZ`\_Y`\_h Žeh` cđi`\_Ref`\_dR]]j /R\_UY`\_h eYVdV RcdVddV\_eR]]j`\_`\_dZUVW WTeclRdT`^aRcdU h ŽeY R]]` eYVcUZRSVeVdeYVdRaZ/dŽ

5`\_dV`^`\_dVRXXcdVdZjVj Ž 2WkkRYRdRdV]WdZ`\_WcT\_Z\_X bf R]Zej`\_e`\_ŽeŽH YV\_aReZ/\_ed dV dVf]edR\_U Vi aVf cZ\_TVY`\_h VRcj eYV eYVdRaj` Žde` RU^\_Z`\_Zed`\_eYVj SVT`^V Vi TZeVURS`\_feZŽ`>\_R\_j aReZ/\_ed Vi acVddeYRe eYVj W]]`^`\_dV\_Z`\_T`\_ec`\_]`\_WəYVZcUZVRdVŽ EY Žd aYV`\_`^V`\_`\_h Z]]`\_T Tf c`^`\_dV bf Z\]]j Z]Y`\_f U`\_dV`^`\_dV RXXcdVdZjVj ŽH ŽeY 2WkkRj`\_f TR\_U`\_d`\_dRW]j Ž 2 deYV def UZ/d`^V\_eZ`\_VURS`\_gV`^R\VT]VRd`\_Ž dUZV Tf ]e e`\_Z\_Uf TV Yj a` X]j TV^ ŽR h ŽeY 2WkkRŽ J`\_f dR]]j YRgVe` eej Ž

F dVRT`\_eZ`\_f`\_f dX]f T dV`^`\_`\_Že`\_cŽWUSRT\ W\ceYVcRcdZedT`^a]ZR\_TV\_R\_U eYReId[f deh YReR 48>\_h Z]] XZjVj`\_f R\_U eYV aReZ/\_eŽ EYV eVTY`\_] Xj`\_Z`\_eY Žd RcdR Žd RUGR`\_TZ\_X dRaZ]]j`\_d`\_eYVdV h Z]] SV`^`\_dV TY`\_Z VdŽ 2eGUMi`\_t h VYRgV f dUS`\_eY eYV 5 Vi T`^R\_U 2SS`\_eej deV`\_dŽ 3`\_eY Rcd Vi TV]]V`\_dSf eeYV 2SS`\_eej deV`\_YRdR dZ`\_Z`\_TR\_eT`\_deRUGR\_eRXVŽ

48>\_dRcd`\_`\_e[f deWcaV`\_a]V h ŽeY E] aV`\_UZVRdVŽ H V dT`\_`^`\_V\_U eV`\_a`\_dRj`\_f dV\_Z`\_E] aV #dŽ H ŽeY eYV 7dVdEj ]V`\_ZsdV`\_dj deV`\_`\_t aReZ/\_ed TR`\_h VRceYV dV`\_d`\_cWc#`\_h W\dh YZV XVeZ\_X eZedReU`\_`\_2WkkRR\_U eYV`\_`\_eh`\_e] RS`\_feX`\_XVcdZ\`\_dReR]] eYVdV R\WcŽ 7`\_c`\_eYVcdZe`^Rj`\_eR\VR]ZeeV]]`\_XVcŽ EYVj`\_^`\_ZYe`\_ae e`\_h VRcR`\_`\_eYVcdV`\_d`\_cWceh`\_`\_`\_dV`\_h W\dZ`\_`\_R\_j`\_TRdV V]Z`\_Z`\_ReZ`\_XR]]`\_x`\_XVcdZ\`\_d`\_ZdRgVj`\_dZ`\_Z`\_TR\_e RUGR\_eRXVŽ

@f cRaac` RTY ReGUMi`\_Žde` XZjV eYV adVtCzaeZ`\_`\_Wc2WkkRR\_U\_Z`\_deR]] R 48>`\_ReeYV`\_x`\_cde`^`\_WeZ`\_XŽ H V YRgV eYV aReZ/\_ed Vef`\_c`\_Z`\_`\_V`\_h W\cdVgZ\h eYV 48>`\_dVRUZ`\_Xd h YZ]Y`\_h V dYRcdV h ŽeY eYV aReZ/\_eŽ H V eYV`\_ej aZTR]]j`\_Z`\_TdRdV eYV U`\_dZ`\_X`\_idV VÉDeVa EYVdRaj`\_i`\_SV]]`\_h/Ž

DeVa EYVcRaj ŽAV a]Vh ŽEY UZRSVeVdeV\_Ue` SVWRdW]` WTYR\_XVŽ> R\_j YRgVYRU SRU Vi aVcZ\_TVdh ŽEY eYVZcUZMRdMlacZ\_TZaR]]j Yj a` X]j TV^ ZRkd ZVYVj İcV deRSZ]kVU` \_ R^ VUZTReZ \_ teYVj İ]] ]ZVj] \_ `eSVYZYf ]j ^` eZgReUe` TYR\_XVŽH YV\_ Z\_ ZeReZ\_X 2WkkRkZEdSVde` W]]` h EDeVa EYVcRaj Ž DeRœRaReZ\_eh ŽEY %` c) f\_ ZedReUZ\_\_Vc` \_]j kRdZ\_X]V\_Z\_YR]ReZ \_ WceYVURj Ž5` \_ `eTYR\_XV eYVZc` eYVc^ VUZTReZ \_ f\_]Vdd eYVj Rcl eR\_Z\_X Racl\_UZ] Z\_df ]Z\_Ž:WYVj Rcl f dZ\_X Racl\_UZ] Z\_df ]Z\_ kdf SclZef eV 2WkkRRTT dJ\_Z\_e` eYV ]RSV] Sf eU` dV\_R]Ze]V^` dV RXXcdVdZgV]j Ž@eYVch ZVl\Wa eYVaReZ\_e` \_ R]] eYV` eYVc^ VUZTReZ \_ dLSVZ\_X ^ Z\_UV]]` VR\_j Ucf X\_Z\_eVdRteZ \_ dŽ 3cZ\_X eYVaReZ\_eSRT\_ Z\_Rh Wl` SclVcgV eYV 48> URœR\_U RU]f de U` dZ\_X Rd\_WUVUŽEYV \_Vi edeVa Žde` RUU U` dZ\_X ReScV\VRde ZVYVaReZ\_eŽd\_` h T ^ WœRS]Vh ŽEY eYV VgV\_Z\_X U` dZ\_X ŽJ` f ^ Rj R]d` h R\_ee` RUURW]]` h f a U` dV\_Z\_ eYV VgV\_Z\_X Ž =ReVcj` f ^ Rj RUUR]f \_TY eŽ` V U` dVŽ

:\_ eŽ` Vlj` f TR\_ SVXZ\_ e` h VR\_ eYVaReZ\_e` Wd` ^ V` WYV` dR] ^ VUZTReZ \_ dŽ 3j eYRea` Z\_ dtaReZ\_ edeV\_U e` SVÉY` \VU]` \_ 2WkkRR\_Uh Z]]` \_]j W]] SVeVcRd` eYVc^ VUZTReZ \_ dRcl dV` ^ gVU W ^ eYVZcedVRe ^ V\_edVXZ` V\_ ŽGVj d` \_ R]VcaReZ\_ edSVXZ\_ f dZ\_X 2WkkR eYVj YRgV ^ f TY SVeVcd]Wa ŽEY Žd Žd RYf XV SV\_VxeYReh Z]] WœYVcZ\_TV\_eZgV VaReZ\_ ede` deRj` \_ eYV ^ VUZTReZ \_ Ž

AdRteZIVY` h e` Z\_YR]VŽ:edW^ d` SgZ fdY` h e` f dV 2WkkRkSf ej` f TR\_` eRddf ^ V Ze Žde` eYVaReZ\_eŽ J` f ^ f def dV EÜf ^ ^ j İ TRœcZUXVclR]]` h Z\_X aReZ\_ ede` ] RU eYV TRœcZUXVR\_U adRteZIV\_Z\_YR]\_XŽD` ^ V aReZ\_ edRcl eŽ` ZUR\_U\_WU\_Z\_def TeZ \_ RS` feY` h RXXcdVdZgV]j e` Z\_YR]VŽ 2 W h ^ Z\_f eVd` V adRteZIV Žd eŽ` V h V]] dV\_eŽ

## 2 ? Vh EcdRe^ V\_eARdRUZ^ Z\_5ZRSVeVd

2eeV eZ^ V` WkcdURX\_` dZLU` Te` cdZ\_gRcRS]j deRceaReZV\_ed` \_` dR] ^ VUZTReZ\_dcf df R]]j ^ VeWc^ Z\_Z`  
EY` dV Ucf XdVgV\_ef R]]j WZ] RdeYVaReZV\_ed] T` \_UZ` \_dh` cdV` d` eYVU` Te` cXZgVdeYV^` eYVc^ VUZ`  
TReZ\_dZ\_RUUZ` \_e` h YReeYVj h VdV eR\Z\_XZ` 2deYV UZMRdV T` \_eZ` fVde` ac` XcdVdeYVj eYV\_RUU` \_`  
a` h VdM]kZ` [VTeVU` ^ VUZTReZ` \_dZ` =ReVcdeZ] eYVj` ^` gV` \_` e` Z` df` ]Z` \_R` \_UR]]` ZedcdndZ` 2eeYZda` Z` eZaReZV\_ed`  
\_` h RcdV eR\Z\_XZ` [VTeZ` \_dR` \_U` xdeM]d` WdZ]cZ` EYVj` W] eVccS]VtSf eeyRed] ZW WceYV^` Z` 2c` f` \_U` eYZd`  
eZ^ Vt^ R` \_j` aReZV\_ed RcdV YRgZ` X` T` ^ a]ZTReZ` \_dW` ^` eYVZc` UZMRdV` d` eYVj` XVe` eYVc^ VUZTReZ` \_dW` ceYVZc`  
\_Vf` c` aReYj` k` cYj` aVceV\_dZ` \_t` cTRdUR T` Zdf` Vd` k` cdVeZ` \_` aReYj` k` VeT` Z` EYVdV` aReZV\_ed] S` UZ/dRcdV` TRf` ]Uc` \_d`  
` WUcf` XdZ` H` Y` dV R]]j` \` \_` h` dh` YReR]]` eYZd` def` WU` Vd` cY` h` ZeZ` eVdRTedO` 2` U` kZd` eYZd` dV R]]j` R` \_j` h` Rj` e`  
]ZgVO

2]] R]` \_X` eYZd` ac` XcdVdZ` \_th` VRcd` aReZV\_ed` e` deRS` eYV^` dV]gVdURZ]]` h` ZeY` dYRcaVU` aZ]TVd` WdeW]` e` eVde`  
eYVZc` df` XRC]` VgV]` dZ` EYVZc` S` UZ/dSVT` ^` VR` ^` Rdd` WdTRceZdf` VteYVj` ]` dV` W]Z` XdZ` eYVZc` x` \_XV` ceZadW` ^`  
R]]` eYVRSf` dM` ZW` eYVj` RTef` R]]j` T` ^` a]j` h` ZeY` R]]` eYV` Z` def` TeZ` \_Z` H` V` XZgV` eYV^` ^` VeVcdR` \_U` eVde` decZadR` \_U`  
aV` \_dR]` \_X` h` ZeY` R]]` d` ced` W` eYVc` UZRSVeVd` aRcdRaYVc` \_R]Z` Z`

H` ZeY` R]]` eYReZ` eYV` RgVcdRXV` aVcd` \_` h` ZeY` UZRSVeVd` h` Z]]` UZ/RS` f` e"!` j` VRcd` d` \_` VceYR` \_R` \_` ]` UZRSVeZ` Z` 2` U` k`  
]ZV]j` eYV` ]Rde` x` gVj` VRcd` WdYReR]` dV RUj` dY` ced` \_VU` ]ZW` h` Z]]` SV` UVS` Z` ZeReZ` XZ` D` t^` Rj` SV` eYV` UZRSVeVd` df` W`  
WcdVcdV R]]j` ]` dVd` "&j` VRcd` W]ZWZ`

CVR]]j` O

4R` \_h` V` U` SV` eVceYR` \_eY` Z` O

JVdth` V` TR` \_Z`

EYV` \_` c^` R]kYVR]eYj` S` Uj` T` \_ec` ]dS]` ` Udf` XRCs]` Vi` adVdZ` \_X` Z` \_df` ]Z` \_Z` dVda` \_dV` e` R` ^` VR]` e` ^` VeRS` ]ZkV`  
X]f` T` dV` R` \_U` W]V]` eYV` S` Uj` Z` @gVceYV` aRcdVgVdR]` Yf` \_UcVUj` VRcd` k` f` cUZ` edYRgV` Vg` ]gVU` Wt` ^` Yf` \_UcVUd` W`  
TR]` cZ/d` WY` Z` XY` ac` eVZ` \_R` \_U` c` f` XYR` XV` URZ]]` k` e` eY` f` dR` \_Ud` WTR]` cZ/d` W]R` deW` U` Sf` cXVcdR` \_U` df` XR` j` d` W`  
Uc` \_` dZ` @f` c]Z` W` de]` ]Vd` k` \_TV` gVj` RTeZ` gVtRcdV` \_` h` dVUV` \_eR` j` Z` @f` cUZ` edR` \_U` ]Z` W` de]` ]Vd` YR` gV` Vg` ]gVU` k` Sf` e` f` c`  
aR` \_TcdV` RdY` Rd` \_` eZ` EYV` dVdf` ]e` Z` d` eY` Re` f` caR` \_TcdV` Rd` Z` d` gVch` cVU` R` \_U` W]Z` Z` XZ` EYRed` UZRSVeVd` Z` H` Y` Reh` V`  
\_WU` Z` dR` df` aa]V^` V` \_ee` ` f` caR` \_TcdV` Rd` URUUZ` \_R]` TRaRT` Z` e` YR` \_U]V` eYV` Z` TcdV` dMU` ]` RUZ`

## EYVA` T\VeAR` TcdVrd

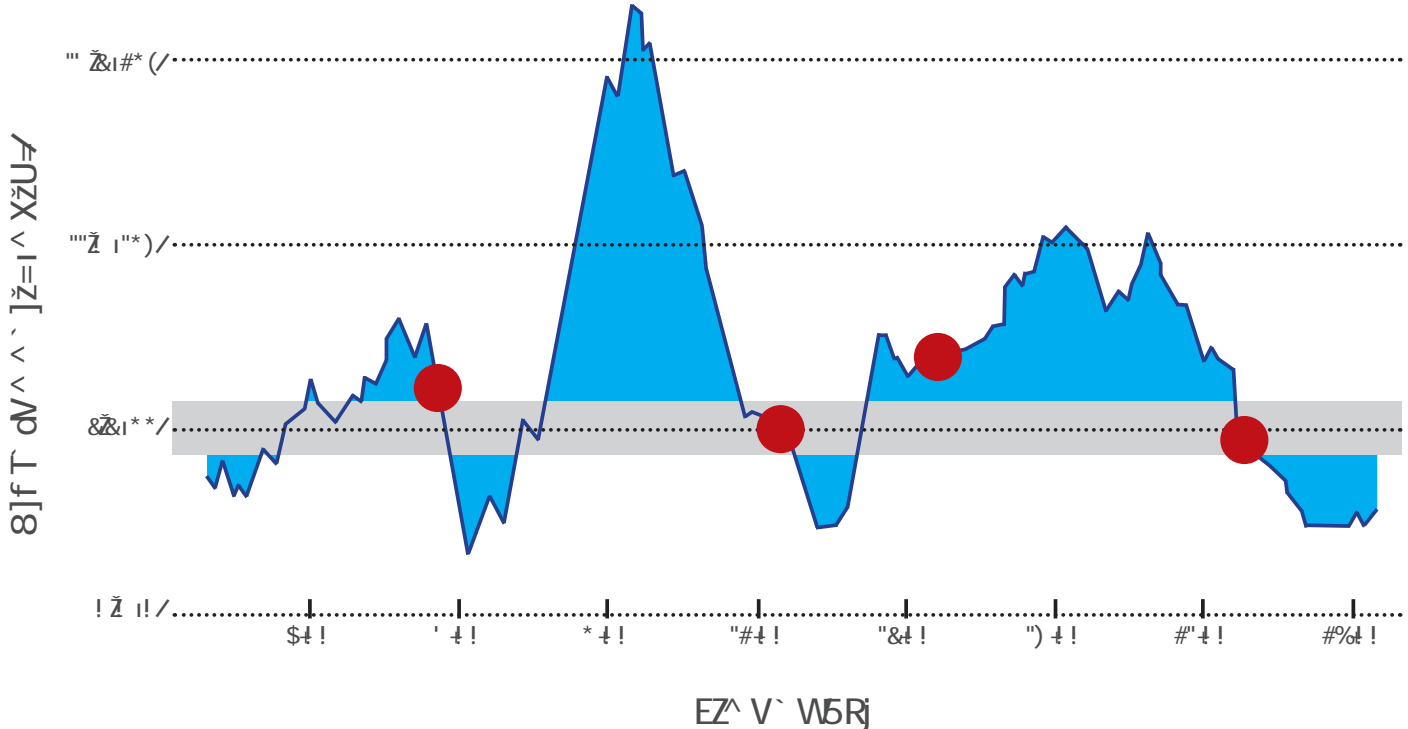
2W]kkRT` \_eRZ` dTYV^` ZTR]]j` ZUV` eZTR]` Z` \_df` ]Z` \_e` h` YReeYV` aR` \_TcdV` Rd` Vi` adVdVdZ` EYV` S` Uj` TR` ]eeV]]` eYV`  
UZ` W]cdV` TVZ` EYVA` <ZA5` ac` x]V` Z` dR` \_R]` ^` deaVcdWTe^` ReTY` e` \_` c^` R]` aR` \_TcdV` ReZ` T` A` <ZA5Z` :e` Z` dR]` d` h` Yj` eYV`  
aR` \_TcdV` Rd]` ]Z` gVcdj` ^` aY` \_` j` Z` dV` de` dVU` h` ZeY` f` dV` W2W]kkR` tSf` eh` ZeY` \_` ` eYVc` Z` \_df` ]Z` Z` H` ZeY` eYV` aR` \_TcdV` Rd`  
R` \_U` ]Z` gVcT` ^` ^` f` \_ZTReZ` \_X` RXRZ` \_tYj` a` X]j` TV^` Z` RSVT` ^` Vd` dRdZ`

:Vh` VT` f` ]U` ^` R` \_RXV` S]` ` Udf` XRceYV` h` Rj` eYV` S` Uj` U` Vd` \_Ref` dR]]j` th` ` f` ]U` ]eeY` ReSV` eYV` SV` de` h` Rj` e` U`  
Z` O` H` V` TR` \_Z` 2W]kkR` Z` dVdV` \_eR]]j` REAR` \_TcdV` rd: \_` J` f` cA` T` \Ved` REA` cedS]` VAR` \_TcdV` RdZ` J` f` f` dV` Z` eh` YV` \_` j` ` f`  
\_WU` Z` h` YV` \_` j` ` f` cZ` eVc` \_R]` aR` \_TcdV` Rd` \_WUd` R` \_Rdd` Z` eZ` EYV` bf` VdeZ` \_` \_` h` SVT` ^` Vd` th` Yj` f` dV` R` \_j` eY` Z` X`  
V]dVZ`

# #eYZ\_Xde^ ^ R\_RXVR\_j gRcRS]VÁ

E ^ R\_RXVR\_j gRcRS]VlVgV\_ gRcRS]VdRdUZgVcdV RdS] ` Udf XRcR\_URX` ]Wh Z\_XkR\vdh` eYZ\_XdeYV RSZj e ` SdVgV eYRegRcRS]VZ\_dVR] eZ^ Vi` cT] dV e dVR] eZ^ VtR\_UeYVRSZj e` VVVTeZtR]d` Z\_dVR] eZ^ VZ:Vj` f TR\_` SdVgV RgRcRS]VtSfeU` \_` eYZ\_XRS` feZtj` f TR\_` e^ R\_RXV ZeZ:Vj` f TR\_` VVVTeZt Sfej` f TR\_` e` SdVgV h YVdV ZeZtj` f TR\_` e^ R\_RXV ZeZ` F\_ej` gVj` dTV\_ej` tZ` ^ R\_RXZ\_XS]` Udf XRt` h VT` f]UU` \_VZVZ

@SdVgZ\_X3]` Udf XRcZ9Zt` cZTR]j` kh VYRgV` SdVgVUS]` Udf XRcgZR` x\_XVcdeZ\` eVdedaVdWc^ VUSj aReZ/\_ed` \_eYV^ dV]gVdZ@\_j` eYV^` deUZZV\_eaReZ/\_edh` f]UaVdWc^ eYV^ URZj` R\_UWh` h` f]UU` eYV^` ^` f]eZa]V` eZ^ VdaVcURj` ŽEYV` xXf` dVSV]` h` dY` h` dR` eRTZ\_X`` WRTef` R]S]` Udf XRcRd` dVT` dVUSj` R` 48> ŽEYV` dVUU` ed` dVad` dV\_e` eYV` a` Z` ed` eYRe` eYV` aReZ/\_eaVdWc^` d` x` XVcdeZ\` eVdedZ`?` eV` eYRe` WceY` Z` aReZ/\_eYV` ZdYV` \_j]` dVdeYV` UR` e` dVad` dV\_e` VUSj` eYV` Wf` cdVUU` eZ` 9V` ZdYV` Z` dS]Z` U` e` eYV` 48> UR` eZ` 3R` dMU` fa` \_` eY` Z` k` eYV` aReZ/\_eh` f]UT` \_T]f` UV` YV` ZdYV` YR` dgVj` X`` UT` \_ec` ]ŽEYV` dV` R]Zj` t` dVad` dV\_e` VUSj` eYV` S]f` V` eRTZ\_X`` WR` 48>` t` Z` d` bf` Z` V` UZ` W` dV\_e` ŽEYV` x` XVcdeZ\` dV` RUZ` X` d` WRZ]` e` TR` aef` dV` eYV` Y` Z` Y` d`` c]` h` d`` W` eY` Z` d` aReZ/\_ed` S]` Udf XR` ceY` c` f` XY`` f` e` eYV` URj` ŽEYV` aReZ/\_e` t` R` Z` X` UVT` Z` Z` \_d` SR` dMU` fa` \_` eYV` x` XVcdeZ\` UR` eR` Z` d` h`` VV]j]` f` \_Z` Wc^` VU` lVgV\_` ^` Z` Z` Wc^` VU` Z`?` eV` R]d` Y` h` t` Sj` gRj` Z` X` eYV` eV` d` eZ` X` eZ^` V` VgV\_` Sj`` \_j]` dVgVdR]` ^` Z` f` eV` d` j]` f` TR\_` XVeUdR^` ReZTR]j]` UZ` W` dV\_e` X]f` T` dV` dV` RUZ` X` dZ` :` e` d` dV` R]j]` ac` SRS]j` SV` e` Vc` \_` e` e` YR` gV` eY` Z` d` UR` eR` R` eR]j]` Z` 2` U` l` W` ceY`` dV` aReZ/\_ed` h` Y` eR` V` ^` Rj` SV` \_` V`` ceh` S]` Udf XR` cdV` RUZ` X` aVcURj`` c` W` h` V` d` Z` d` ac` SRS]j` SV` e` Vc` e` U` \_` eY` Z` X` ŽEY` Z` d` X` d` RaY` Z` d` e` j` aZTR]` WU` Z` RS` VeZ` T` S]` Udf XR` c` Of` Tef` ReZ` \_` dZ`



● 7Z\_XVcdeZ\` EVded  
~ 4` \_eZ` f` f` d8]fT` dV` >` \_Ze` cZ` X` UR` eR

EYVR\_dh VcZk VT f cMlT \_eZ\_f` f dX]f T dV ^` \_Ze cZ EYV eTY` ] Xj Z dRaZUj Z^ ac gZ\_XR\_UT dcd YRgVT ^ VU h \_df SdR\_eR]]j ŽH ŽEY 48> dh VYRgVlWceV xcd eZ VleVRSZj e` SdVgV S]` Udf XRC Z\_VRcdV] eZ^ VR\_U eYc f XY` f e eYURj kZ\_T]f UZ\_X h YZV eYV aVcd \_ZdRd]WaZ EY Z XZgVdf d^ f TY ^` dV URer h ŽEY h YZY e` ^ R V ed/Re^ V\_eUVT dZ \_dZ 2 UZ X V\_eaReZ\_e^ ZY e eR V %S]` Udf XRCdVRUZ\_X daVc URj ŽH ŽEY R 48> i2SS` ee7dMDej JV =Zsd/ Ac /j` f XVe\*` dVRUZ\_X daVc URj kR\_U eYVR]]j Z^ a` cR\_e\_ZY d eZ^ V dVRUZ\_X dZ: ^ RXZ\_VY` h ^ f TY ^` dV RTTf dReV eYReaZef dV Z Ž 2]d kSVTRf dV` W eV SV\_V x eWcT \_f eC ]jZ\_X S]` Udf XR dZ\_df dR\_TV T gVcRXV Wc 48> dZ d eVRUZj Z^ ac gZ\_X Ž

2VWTeZ\_X 3]` Udf XR d eYV a` af ]RcZj` W48> YRdZ\_Td/RdMl eYV dV^ RZ\_Z\_X ac S]V^ YRdSW\_eYVRSZj e j e` R WTeS]` Udf XRC\_Z dV] eZ^ V Ž eYVceYR\_2VWkkRl eYV dV R dV` eYVcRaZ d eYReU` eY Z Ž?` \_V` W eV` dR]d` cZ\_VTeU ^ VUZTReZ \_dh` d bf Z^ ]j V` f XY Ž 2\_U dZ\_TV UZRSVeZ S]` Udf XRC]VgV]dR dV d` dRaZUj gRTZ]ReZ\_X k j` f ^ f deSVRS]V e` R WTe b f Z^ ]j` c j` f d` \_ eYV cZ^` W Wi RTVcSR eZ\_X eYV d f Tef ReZ \_dZ` ]` f ^ ZY e X Z g V Z\_VTeU\_Z\_df ]Z\_h YV\_S]` Udf XRC]VgV]dR dV YZ Y k S f e S j` eYV eZ^ V eYReZ\_df ]Z\_dRTYV d aVR\ T\_TV\_eReZ \_R\_U aVR\ W WTeZgV\_V d l eYV S]` Udf XRC T f ]U YRgV R]dVRUj U c` aaVUdf SdR\_eR]]j Ž EYV\_Z\_df ]Z\_Z d eYV` ^ R\_Z\_X eYV ac S]V^ h` c d Ž EY Z Y R d SW\_aR e` W eV eC f S]V h ŽEY\_Z\_VTeU\_Z\_df ]Z\_d Ž

## 2VWkkR 7Zcd 2VWkkR: \_d eVRU 2VWkkR 2]h Rj d

8ZgV` f cVi eV\_dZgV UZVTeVi aVcZ\_TV h ŽEY 2VWkkRl h VYRgVT \_xc^ VU eYV dRW e j` W eV ac Uf Te Ž 8ZgV\_eYRe eY Z d Z\_df ]Z\_kR\_URS Z kZUV\_eZTR]Z\_df ]Z\_Re eYRe h VYRgVT \_xc^ VU eYV W WTRTj` W eV ac Uf Te Ž: \_ WTeZ eZ d h V]]j V d eRS]Z YVU S j` eYV ^ VUZTR]T ^ ^ f \_Z j` eYReZ\_df ]Z\_Z d eYV SV d e h R j` e` ^ R\_RXV S]` Udf XR dZ: eZ d R]d` bf Ž eV T]VRcZ\_eYV ^` f \_eZ\_X VgZUV\_TV eYRef dV` WZ\_df ]Z\_VRcZ/cZ\_eYV UZ dVR dV ac TV d dTR\_W cV d eR]]kR\_U VgV\_d/gV c d l eYV UZ dVR dV ac X d d dZ \_ Ž

@f cac e T ] Z d Z^ a]V j Ved/g` j f eZ \_Rj +2VWkkR 7Zcd 2VWkkR: \_d eVRU 2VWkkR 2]h Rj d Ž

2VWkkR 7Zcd Ž H V SV]Z gV eYV dZ\_X]V SV d e h R j` e` ^ R\_RXV S]` Udf XRC\_Z d eYV h R j` eYV S` U j` U` Vd\_Ref dR]]j Ž H V` \_` h eYRe eYV d` \_VcRaReZ\_eSVXZ\_df dZ\_X\_Z\_df ]Z\_eYV SV e eV d R\_U eYV ^ R]` cZ^ aVUZ^ V\_e e` Z` ]\_VTeU\_Z\_df ]Z\_f dV f a e` \_` h YRdSW\_dRW e j` R\_U T` \_gV\_Z\_V Ž DZ\_TV eYReZ` eR\_Z d f V h ŽEY 2VWkkRl h V f dV Ž eR d x c d eYVcRaj Ž: \_ WTe h V SV]Z gV f dV` W` V eWc^ Z` x c d e h YZY Z d eYV RTT V a eV U ac e T ] k Z d T f \_e/cac Uf Te Ž g Ž

> V eWc^ Z` ^ R j` SV VR d j` e` a d d T c S V k Z\_Vi aV\_dZgV e` f dV kR\_U ^` UVcReV]j W WTeZgV WcReZ^ V k S f e Ž e U` Vd` \_` eY Z\_X e` T` ^ SRe eYV f` \_UVc j` Z\_X UZ dVR dV ac TV d d` V a c X d d Z g V S V e R T V]] W R Z f d Ž: \_ WTe Z V a ReZ\_e d e` ]f V d ReV eYV ^ VUZTReZ` \_h V]]kR\_URS` f e \$` ~` V a ReZ\_e d U` \_I k eYV\_eY` d V a ReZ\_e d h Y` d e R j` \_` Ž e^ R j` ]Z g V h ŽEY R W R]dV dV` dV` W W T f c Z j` Ž EY V j` ^ R j` SV ]Z g\_X h ŽEY V ]VgReV U S]` U X]f T dV ]VgV]d h YZY\_Z\_df dV d` \_X k eVc^ k Z d V g V c d Z]V UR^ RXV e` eYV S` U j` Ž EY V S V e R T V]] W R Z f d V h Z]] d Z^ a j` T` \_eZ\_f V Ž H Y j` h` f ]U h V d f S[VTe aReZ\_e d e` eYReO 9` h T f ]U h V V e Y Z R]]j O

2VWkkR: \_d eVRU Ž EYV dV R dV ]Z eV R]]j U` kV\_d` W` VUZTReZ` \_df dV U e` ^ R\_RXV ac R\_UZ R] S]` Udf XR d` ^` d e` W h YZY R dV W cV Z\_X` ^` ]M T f ]V d Z` >` d e YRgV dZUV W WTe d Z` D` ^` V d V g V d V Ž H Y Z V eYV dV ^ VUZTReZ` \_d` ^ R j` YRgV 752 Raac` gR]kU` h V dVR]]j` \` \_` h h YRe eYV j` U` h ŽEY UVTRU dV` W f d V O EYV 752 T]Z\_ZTR] eC Z R]d U` \_I e]R d e ]` \_X V` \_` f XY e` \_` \_` h Ž 7 f c eYV d d Z\_TV T f c dV\_e UZRSVeV d a c e` T` ]d TR]] W c d e R T V\_Z\_X` \_Vh` ^` VUZTReZ` \_d` \_` e` a` W ]U R d S]` Udf XRC T` \_eC ]T` \_eZ\_f V d e` h` c dV` \_h ŽEY eZ^ V k Y` h TR` \_h V a` d d Z]V \` \_` h h YRe eYV\_Z\_eV d R T e Z` \_d` W R]] eYV dV TYV ^ ZTR]d TR f d V d O 2VWkkR Z d` \_` e R W cV Z\_X` ^` ]M T f ]V e` eYV S` U j` Ž: e Z d TYV ^ ZTR]]j ZUV\_eZTR] e` h YRe eYV aR` T dV R d V T c V e d Z` H V c V T` ^` ^` V\_U f dZ\_X 2VWkkR\_Z\_d eVRU` W R\_j eY Z\_X V]d V Ž



2WkkR 2]h Rj dZH ZY 2WkkRh Vfd/RS]V e` ScZ\_X S] ` Udf XRc]VgV]dU` h \_ e` R \_ ` c^ R] dR\_XV Wc^ R\_j  
aReZ\_edZ:Wh V U` d` df TTvdM/]j kh V h Z] Rg` ZU eYV ^ ` \_ dec` f dlj Vi aV\_dZgV T ^ a]ZTReZ \_ d eYReSVdVe  
eY` dV h ZY ] \_ XteVc^ V]VgReVU X]f T dV ]VgV]dZ 2WkkR dY` f ]U SV f dMU R]h Rj dh YV\_ S] ` Udf XRcSV  
T ^ VdV]VgReVUZ

:ddeZ^ Ve` eYZ \ UZMdv\_e] RS` feUZRSVeVdR\_UZ\_df ]Z\_Z5ZRSVeVdYRdVi a] UVU Rd` f cUZedYRgV Vg` ]gVU  
e` T \_ eRZ\_YZY ]VgV]d` Wdf XRcR\_U` f cRTEZgZj ]VgV]dYRgV UVT]Z\_VUZ @f caR\_Td/RdYRd` \_ eVg` ]gVU e` eYV  
a` Z\_e eYReZe TR\_ \ Wa fa e` eYV h` c ] RUZH YReh V\_WU ZIR\_RUUZ\_Z \_ R] aR\_Td/RdLAR\_Td/Rd:\_ EYV  
A` T\VeZ

7 ceY` dV aReZ\_edZ\_eYV adUZRSVeVdR\_XV 2WkkR ZdaVdWTej Raac acZReV Rdh V]]Z5ZdaV\_dZ\_X h ZY eYV  
R\_` Uj \_ V\_e]V` VdcUZRSVeVdZid` ^ VeYZ\_X h V dec` \_ X]j dVT ^ ^ V\_UZEYV dVdRcTY Zid]VRceYReZ\_eYV d` f  
TR]]VU adUZRSVeVdR\_XV dZ\_X\_Ze TR\_eUj dM/\_ TeZ \_ ZIR]dV RUj ` TTF acZ\_XZ EAcVUZRSVeVdI Zid]f deVRc]j deRXV  
UZRSVeVdZ 2WkkRh Z] SV WWTegV\_Z\_ adVdVgZ\_X \_ ` c^ R] S] ` Udf XRcT \_ ec` ]Z

2WkkR fl 48> Z4 ^ SZ\_Z\_X 2WkkRh ZY ^ ` Uvc\_T \_ eZ\_f` f dX]f T dV ^ ` \_ Ze cZ\_X eV TY \_ ` ] Xj R]]` h dWc  
eYV ^ R\_RXV^ V\_e` WX]f T dV U` h \_ e` ]VgV]dadVgZ` f dlj f \_ ReeRZ\_RS]VZH V TR\_ ]ZVdR]]j ScZ\_X ^ R\_j aRf  
eZ/\_ edZ\_e` eYV \_ \_ ]UZRSVeZ dR\_XV h ZY \_ ` Z\_Td/RdVU cZ\` W]j a` X]j TV^ ZRZ:\_ VRTeh V TR\_ S` eY ScZ\_X  
X]f T dV ]VgV]dU` h \_ ? 5 dUf TV eYV\_Z\_TZUV\_TV` W]j a` X]j TV^ ZR Re eYV dR^ V eZ` VZH V eYZ` \ R^ ` dV  
Raac acZReV/h Rj e` ]ZgV h ZY RH VdeVc\_ ]ZMde] ]VZid` T ^ SZ\_V 2WkkRh ZY aVZ UZif dV` VRT \_ eZ\_f` f d  
X]f T dV ^ ` \_ Ze cR\_U e` UZdaV\_dV h ZY x\_XVcdeZ\ dRUZ\_XdR]e` XVeYVcZ` > R\_j aReZ\_edU \_ IeT ^ a]j h ZY  
eYV x\_XVcdeZ\ eVdeZ\_X ac` e` T ]deYVZcaYj dZTR\_ dVT ^ ^ V\_UdR\_j h Rj Z

H Yj dRgVj` f cSVdeh VRa` \_ Z\_ RSRee]Vf\_e]j` f ]gV R]dV RUj df WwcvU]` ed` W]` ddVdO H` f ]U\_IeZe^ R V  
^ ` dV dV\_dV e` f dVj` f cSVdeh VRa` \_ xcdVdVdVTR]]j dZ\_TV Ze ]ZV]j ^ VR\_dj` f h` \_ Ie\_WU` eYVcdO F\_Wd  
ef\_ReV]j Wc^ R\_j aV` a]V h ZY UZRSVeVdLeYV RUgR\_TV` V2WkkR fl 48> TR^ V R VceYVj df WwcvU aVc^ Rf  
\_V\_eUR^ RXVZ5VdaZeV eY ZLS` eY TR\_ SV f dMU e` ^ ` dV VRdZj ^ R\_RXV eYV UZMRdV ReR\_j deRXVZ:\_ VRTeRd  
UZRSVeVdac` XdVdVdLeYV ^ R\_RXV^ V\_e` W eYV UZMRdV SVT ^ Vd^ ` dV UZM Tf jeZ AR eZ/\_ eT ^ a]R\_TV SVf  
T ^ Vd h` cdMhR\_U eYV UVT]Z\_V RTTV]VdReVdZ H ZY 2WkkR fl 48> kT ^ a]R\_TV h Z] SV Udr^ ReZTR]]j SV eVd  
T \_ ec` ] h Z] SV Udr^ ReZTR]]j SV eVdR\_U bf R]Zj ` W]ZV h Z] SV Udr^ ReZTR]]j SV eVcZ

7 ceY` dV \_ Vh ]j URX\_` dMU h ZY UZRSVeVdLeYV Rcf ^ V\_eWc 2WkkR fl 48> SVT ^ VdVgV\_ dec` \_ XVcZ H V  
dZ` a]j TR\_` ex\_URSveVch Rj e` ^ R\_RXV eYV UZMRdV ReadVdV\_eZ

## 2 TZR]H`dU

H V dY` f ]U\_ÎeSVdf cacZMU eYReeYZlac` Uf TeZdeYV` f eXc` h eY` W2]WU > R\_\_ÎdXV\_Z dŽ 9Vh RdZ` gRf  
eZgVScZ]R\_êR\_U^` dV eYR\_R e` f TY def SS` c\_ tbf R]ZdV` WR]] df TTVddM] V\_ ecVadV\_Vf adŽ 9VT` f\_dM]VUk  
ÊeR\V TRcV` W eYVaReZ\_eR\_U eYV Sf dZ\_Vddh Z] eR\V TRcV` WZedM] 7 cYZ^ tdf TTVddh RdRSj ac` Uf Te` W  
UV]ZgVc\_Z XgR]f Ve` eYV adŽ 9V Sc` f XYeeYVh` c]U eYV\_Z df ]Z\_ af^ a WcEj aV: UZRSVeZ aReZ\_ edf \_UVd  
deR\_UZ\_X eYV \_WU WcR SV eVcd ]f eZ \_ e` eYV^ f ]eZa]V URZ]j Z\_]VTeZ \_deYReadTVUUV eYV af^ aŽ

5VTRUVdRX` 2] dRh eYV dRgRXVd` W e] aV # UZRSVeVdRdh V]]Ž 9VW]eT` ^ aV]]VU e` ef c\_YZlac` UZXZ f deR]]  
V\_ed e` h RdU x\_UZ\_X Rd` ]f eZ \_Ž 9V dRh eYV UVgV] a^ V\_e` W` R\_j edVRe^ V\_edR\_U eYV X]RcZ\_X UVxTZV\_Tj  
eYRedV^ RZ\_VU+R ecf ]j aYj dZ ]` XZ acR\_UZ] Z\_df ]Z\_Ž EYV aYRc^ RTVf eZTR] Z\_Uf de] dRh eYV ac` S]V^ dh Z eY  
Z\_df ]Z\_R\_U UVgV] aVUR^ j cRU` WUdf Xde` TZcf^ gV\_eeYV f dV` WZ\_df ]Z\_Ž 2] > R\_\_ dRh eYV ac` S]V^ d  
h Z eY Z\_df ]Z\_dR\_U dRZ]EH V \_WU e` UVgV] a RSV eVcZ\_df ]Z\_Ž @VT` f adV YV UZ]Ž 2\_U eYV XRgV f d 2W]kkRŽ

E R]]^ VUZTR] ac` gZUVcdZ\_UZRSVeVd+h` f dY` f ]UYWU 2] > R\_\_ÎdRUgZV]ÊeR\V TRcV` W eReZ\_eA` :\_ VRTeL  
eYReZd]` f cUf e] t]` f cVeY ZTR] R\_U^` dR]` S]ZReZ \_Ž H Z eY eYReRd]` f cXf ZUVt]` f dZ^ a]j TR\_\_` eZ` dV  
eYV VRTed adVdV\_eVU YVdVZ\_ t dRW Z\_ eYV \\_` h ]VUXV eYReT \_dV\_df dTf adV\_ej` df aa` eedj` f Ž 4f adV\_e TRcV\_Zd  
df SdeR\_URd]Ž 2W]kkR\_ZdRbf R\_ef^ ]VRa Wch Rd]Ž @VT` f adV h VV\_T f dRXV` eYV ad e` T \_Uf TeeYVZ` h\_  
def UZ/cŽ 5VgV] a eYV UR eR Wc]` f adV]gVdŽ 4YR]]V\_XV` f cT \_T]f dZ \_dŽ H V RdV bf Z eV T \_xUV\_eh YRej` f  
h Z]] x\_UŽ

H V \\_` h` f cac` e` T ]d` f \_UddVg` ]f eZ \_Rj t d` ^ V^ ZX YeVgV\_ dRj ZcdVd` \_dS]VŽ 3f eeY` dV h Y` dRj  
df TY eY Z\_XdU` d` h Z eY` f eeYV SV\_Vxe` W eYV VRTed Ž EYVj RcdVdVd` \_UZ\_X e` V^` eZ` \_` eUR eR LYRSZ e` e  
dTZV\_TVŽ @f cZ\_eVdVdeZdZ\_eYV VRTed R\_U eYV SV dea` ddS]V TRcV WcU ZRSVeZ dL` eWR] e] e` adTVUV\_TVk  
T \_dV\_df d` aZ\_Z\_ t` ca` ]Z eZTR]` cVT` \_` ^ Z acV ddf dVŽ 5` Te` adT \_dZUVcZ\_X` f c dVT` ^ ^ V\_UR eZ` d^ ZX Ye  
SV\_VxeV` ^ eYV RUgZV` W eYV dV` h \_VU t 8Vc^ R\_` ^ ReYV^ ReZTR\_ t 4Rc]; RT SŽ h Y` T f\_d]VU Z\_ e] t  
Z\_X e` d ]gV R UZ]Tf ]eU ZV^ ^ R t E`\_ gVcdR]h Rj dZ\_gV eZ` D` tZ^ RXZ\_V t Z]W]kkR YRU SW\_ UVgV] aVU xcd e  
h` f ]UR\_j` \_VS` eYVch Z eY R]] eYV` eYVc^ VUZReZ` dTf adV\_ej` Z\_ f dVO