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This series contains work in progress at

`iB+H2 H2M;i? M/ +B'i iBQM Qmi+Q

av2/ > b M/ _Q#2`i "z2mMB;

y a+?QQH Q7 1+QMCKB+b M/ 6BM M+2- J bb2v IMBp2`bBiv
z*` r7Q`/ a+?QQH Q7 Sm#HB+ SQHB+v- mbi` HB M L iBQM H

J `+? 3- kyky

#bi` +i

q2 2t KBM2 r?2i?2` i?2`2 Bb Mv + mb H 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iB
Tm#HBb?2/ #2ir22M kyRy M/ kyR9 BM i?2 iQT }p2 DQm`M Hb BM 2+QMCKB
BM :QQ;H2 a+?QH ` - r2 }M/ i? i QM2 T2` +2Mi BM+`2 b2 BM T ;2 H2M;i? ;2
BM+`2 b2 BM i?2 MmK#2` Q7 +Bi iBQMbx bK HH bm`p2v Q7 2+QMCKBbib br
`2bmHi Q7 HQM;2` `iB+H2b +QMi BMBM; #Qi? i?2Q`v M/ 2KTB`B+ H 2H2K
b + mb H 2biBK i2 +QM/BiBQM H QM p2` ;2 [m HBiv T2` T ;2X

C1G@*H bbB}+RiBQM,

E2vrQ`/b; iB+H2 H2M;i?c :QQ;H2 a+?QH `c +Bi iBQMbc 1+QMCKB+b

"q2 i? MF CQ?M :B#bQM- . pB/ ai2`M M/ J bb2v IMBp2`bBiv TTHB2/ 1+QMCKB+b qQ
7Q` +QKK2MiBM; QM M 2`HB2` /` 7iX q2 HbQ i? MF 1+QMCKBbib i LI 7Q` i?2B` bm
a`Bp bi p 7Q` ?Bb`2b2`+? bbBbi M+2X HH +Q`2bTQM/2M+2 iQ _Q#2`i "2mMB;- *
mbi` HB M L iBQM H IMBp2`bBiv- * M#2 Q#2`mX#`2HBMX;2MBX2/mX m

RXAMi`Q/m+iBQM

h?Bb bim/v ii2KTib iQ BMp2biB; i2 r?2i?2` - BM 2+QMqKB+b- i?2 H2M;i

MQM @bm#D2+iBp2 /BM 2H Hmò Bk Jky; B#bQM 2ky R8 Qr/i? p22 2ky R8
"2b M+2MQk9 RvX 7m`i?2` TQi2MiB H /p Mi ;2 Q7 +Bi iBQM +QmMiBbi?
2 bv iQ 2KTHQv 7Q` M HvbBb M/ +QKT `BbQMX 6Q` 2t KTH2- ;`2; i2 +
BM mMBp2`bBiv + M #2 mb2/ b M BM/B+ iQ m Q7 Ba b 2yVvX `+? [m HBiv U
h?2`2 `2 MmK#2` Q7 bQm`+2bi? iT`QpB/2 +Bi iBQM +QmMi/ i X *Bi
Bb M miQK i2/ +Bi iBQM BM/2tBM; b2`pB+2 T`QpB/2/ #v i?2 i2+? ;B Mi
++2bbiQ +Bi iBQM BM7Q`K iBQM M/ +QMb2[m2MiHv :QQ;H2 a+?QH `B
iQ 2p Hm i2 i?2 [m HBiv M/ BKT +i Q7 #Qi? *iB+H2H Hm o Bk JkyRQ `b U2X;X
ky R9M m iB 2-ikyRvX h?2 2z2+iBp2M2bb Q7 :QQ;H2 a+?QH `BM + Tim`BM
Bb +QM}`K2/ #v `2H iBp2Hv ?B;? /2;`22 Q7 +Q``2H iBQM #2ir22M :QQ;H
+Bi iBQM iQQHb- BM+Hm/BM; AaA q2# Q7 EMQrH2/;2 M2H Bi o Bk JkyRQ
ky RjXJ Mv BKTQ`i Mi bfm`/B2.2 H2 Xg Bk Jky 2KTHQv :QQ;H2 a+?QH `+Bi iB
bb2bbBM; `2b2 `+? BM~m2M+2- [m HBiv M/ +QM i`B#miBQM BM 2+QM Q
>Qr K v iBK2b M `iB+H2 Bb +Bi2/ K v /2T2M/ mTQM b2p2` H 7 +iQ`b E
`iB+H2X 1 `HB2` `2b2 `+?- r?BH2 MQi 2tTHB+BiHv 7Q+mbBM; QM `iB+
`2 bB;MB}+ MiHv ?B;?2` 7Q2 /Qm y2 > m / T2kMyd ` / .2HH o Bk JkyRjX
J2/Q2k yyy 2t KBM2/ `iB+H2b Tm#HBb?2/ BM i?2 iQT 2B;?i 2+QM QKB+b
+QHH #Q` iBQM BM+`2 b2b T T2` [m HBivX >2 }M/b TQbBiBp2 M/ bB;M
+Bi iBQM bX GQQFBM; ii?2 }p2 v2 `+Bi iBQM K22 M+ Q7 T+ Q7 Q7 Tm# HBb?2
M/1+QM QKB+ C-Qm b Qk Jkyd HbQ +QM+Hm/2bi? i +Bi iBQM b `2 TQbBiBp2
H2M;i?X >2 ?vTQi?2bBx2bi? i H2M;i? * 2 /2+ i2H H To Bk JkyRj H BiVX? i
Tm#HBb?2/ `iB+H2b BM i?2 mTT2` [m BMiBH2 Q7 i?2 H2M;i? /Bbi`B#miB
i? Mi?Qb2 BM i?2 KB//H2 [m BMiBH2X h?2v +QM+Hm/2 i? ii?2 BM+`2 b2
mi?Q`b iQ BKT`Qp2 T T2` [m HBiv- `2b⁹mHiBM; BM HQM;2` T T2`bX
h?2Q`2iB+ HHv- i?2 2z2+i Q7 M `iB+H2öb H2M;i? QM i?2 MmK#2` Q7 +
TQbBiBp2 Q` M2; iBp2X `iB+H2 H2M;i? K v M2; iBp2Hv z2+i +Bi iBQM

⁹_2+2MiHv Tm#HBb?2/ T T2`b BM i?2 iQT }p2 ;2M2` H BMi2`2bi 2+QM QKB+b DQm`M H
i? Mi?2v r2`2 BM i?2 RNdybX ++QmMiBM; 7Q` i?2 /Bz2`2M+2b BM 7Q`K iiBM; +`Qbb D
7Q` HH i?2 iQT U}p2V DQm`M Hb M/ 7Q` HH K/ D Q7 H2 b/Bk JkyRj+Rk JkyRj+Rk B+BM+2 i?2
Qp2` HH H2M;i? Q7 DQm`M Hb ? b MQi`2bTQM/2/ M2 `Hv b Km+?- i?2`2 ? b #22M /2+H
Tm#HBb?2/ BM i?2Qb2 DQm`M Hb- 7`QK 9yy T2` v2 `BM i?2 H i2 RNdyb iQ jyy T2` v2 `BM
BM bm#KBbbBQM b iQ i?2 iQT@}p2 DQm`M Hb- i?Bb ? b`2bmHi2/ BM /` K iB+ /2+`2 b2
BM RNdy iQ e T2` +2Mi/BM 2k Rko B kM RjX

KB;?i#22 bB2`7Q`2/BiQ`b M/`272`22HbQm`m i2[H+B+BIHFK
aHmbFvRN am+? T T2`b K v #22 bB2`7Q``2 /2`b iQ +QMbmK2 [mB+FH
i?2M +Bi2X h?Bb +QmH/ #2 T `iB+mH `Hv i`m2 7Q``2b2 `+?2`b rBi? MG

#2 M mM/2`HvBM; 7 +iQ` 7Q` i?2 ?B;?2` +Bi iBQM b Q7 HQM;2` T T2`bX
i?2 2M/ Q7 i?2 `2bmHib b2+iBQM BM bm#b2+iBQM

h?2 `2K BM/2` Q7 i?Bb `iB+H2 Bb Q`; M#x2b2M7Q H2 Q7KbàB+iBQM` i
M/ B/2MiB7vBM; b b mKTiBQM b 2KTHQv2/ B M#Q b2 -vM 2b+iB;# 2BQiMx /ai2
_2bmHib 7`QK Qm` M Hv bBb `2 9X 222-ib-QM a2 mi/2QM

kX 1KT B`B+ H bi` i2;v M/ B/2MiB}+ iBQM

q2 2KTHQv bBKTH2 HBM2 ``2;`2bbBQM KQ/2H BM Qm` M Hv bBb

$$Y_{ijat} = \alpha + X_{ijat} + Z_{ijat} + \beta_j + \gamma_a + \delta_t + U_{ijat}; \quad URV$$

r?2`2- 7Q` 2 +? B`MBDQm=M;:H;5 i v2 t`= 2010;:::;2014 Q7 ivā 2`2;mH `c
+QKK2Mif`2THB2bfMQi22M Q22+im? 2b-Bi iXBQM +QBn+Hi2 H2M;iZ B B M T ;2b
p2+iQ` Q7 Qi?2` p `B #H2b r?B+? +QmH/ TQi2MiB HHu z2+Qii?2`MmK#2
mMQ#b2`p #H2 7 +iQ`b z2+iBM; i?2 +Bi iBQM +QmMiX h?2 KQ/2H BM+H
`iB+H2 iWT2MU iBK2XU q2 +QMi`QH 7Q` #Qi? v2 ` M/ KQMi? Q7 Tm#HB+
i?Bb KQ/2H BM H2p2Hb M/ BM HQ;bX AM i?2 H ii2` + b2- r2 myb2 i?2 M in
M/ i?2 M im` H HQ; Q7 i?2 MmK#2` QxVTX;2b BM i?2 `iB+H2 U

CQm`M H }t2/ 2z2+ib BM Qm` KQ/2H rBHH ++QmMi 7Q` Mv DQm`M H@
BM T ;2 7Q`K iiBM; +`Qbb DQm`M HbX h?2 b? `2 Q7 `iB+H2b 7`QK i?
T`QTQ`iBQM B+ M 1+QM QKB+1_2p-B2B+? Tm#HBb?2/ KQ`2 pQHmK2b T2`
Qi?2` DQm`M Hb- ++QmMib 7Q` M2 `Hv 9y T2` +2Mi Q7 i?2 `iB+H2b BM
2z2+ib 7Q` `iB+H2 ivT2 BKb iQ +QMi`QH 7Q` i?2 /Bz2`BM; MmK#2` Q7 +E
h?2`2 `2 i?`22 `iB+H2 ivT2b, MQ`K H `iB+H2bc +QKK2Mibf`2THB2bfM
HbQ 2biBK i2 i?2 KQ/2H mbBM; QMHv `2;mH ` `iB+H2b b `Q#mbiM2bb
Qm` `2bmHibX

u2 ` }t2/ 2z2+ib BM Qm` KQ/2H `2 BM+Hm/2/ iQ ++QmMi 7Q` i?2 /B
Q`B;BM i2 7`QK i?2 p `B iBQM BM iBK2 7i2` Tm#HB+ iBQM b Bi i F2b iB
+Bi iBQM bX h?2b2 v2 ` }t2/ 2z2+ib + M HbQ +QMi`QH 7Q` i?2 `2+2Mi BM

T T2`b `2+2Bp2/ 7`QK #Qi? rBi?BM 2+QMqKB+b M/ 7`QK Qj?Ebi bQ+B H
2i Hky ky

#Qp2- `iB+H2 H2M;i? K v bBKTHv #2 T`Qtv 7Q` [m HBiv M/ ? p2 MQ
MmK#2` Q7 +Bi iBQMbX q2 ii2KTi iQ //`2bb i?Bb BM b2p2` H r vbX
6B`bi- Qm` mb2 Q7 b KTH2 2t+HmbBp2Hv 7`QK i?2 iQT }p2 DQm`M H
Q7 Qm` `iB+H2b `2 Q7 ?B;? [m HBivX h?Bb Bmi`BMbB+ HHv +QMi`QHb
r?v r2 `2bi`B+i Qm` M HvbBb iQ M ``Qr b2i Q7 DQm`M HbX q2 + M i?BM
mb #Qmi i?2 2z2+i Q7 `iB+H2 H2M;i? +QM/BiBQM H QM p2` ;2 T ;2 [m

/Bz2`b +`Qbb /B M/B THQBM2b`2kyBbBiH2BiM2`y2V3HX?2`27Q`2- r2 BM+Hm
}2H/ Q7 bim/v BM Qm` KQ/2HbX
62K H2@ mi?Q`2/ T T2`b `2+2Bp2 KQ`2 +Bi iBQMb i? M Q#b2`p #Hv b
U`Qbb# `/ 2ikyHbS `/ 2i +kY R2M;2H J-Q QMX EQH2p 2UkyHbI}M/ i? i
;2M/2` /Bz2`2M+2b BM r`BiBM; M/ +QKKmMB+ iBQM `2 bB;MB}+ Mi +Q
BM i?2 2p Hm iBQM Q7 b+B2M+2 M/ BMMQp iBQM X Pm` H2 p2@QM2@Qn
Q7 i?2b2 2z2+ib 72K H2 mi?Q`b rBHH b?Qr mT b ?B;?2`@[m HBiv B7 i
HKQbi HH Q7 Qm` `iB+H2b `2 +Q@ mi?Q`2/ M/ K Mv BM+Hm/2 mi?Q`
+QMi`QH 7Q` i?BbX q2 HbQ 2t+Hm/2 i?2 BKT +i Q7>2m/ 2Q`UyFRN+ iBQM C
7QmM/ MQ BKT +i Q7 ;2Q;` T?B+ HQ+ iBQM QM +Bi iBQMb BM K i?2K iB
2`HB2` BM i?2 HT? #2i `2 +Bi2/ KQ`2 Q7i2M i? M i?Qb2 H i2` BM i?2
+Bi iBQMb HT? #2iB+ HHv b QTTQb2/iQ +?`aQ1PQ MQ;B+mHh2 Q` MmK2

7V#D?0H2@ & •Đđi@À E b

`2[mB`2/ i?2 K Mmb+`BTi iQ #2 MQ KQ`2 i? M 9y T ;2b rBi? RX8 HBM2 b
T ;2b rBi? k HBM2 bT +.BMHUbBkWR k

Tm#HBb? b+?QH `Hv `iB+H22`E2Mb2+Q MQ`K-B+Q bBM; i?2b2 }p2 DQm`M
` MFBM; #v +Bi iBQMb H `;2Hv `2K BM2/ b2 H#H 2 Bp2 ` iBK2 U

AM7Q`K iBQM #Qmi `iB+H2 H2M;i? BM Qm` / i `2 +QHH2+i2/ 7`QK
DQm`M H Bbbm2 M/ `2HB2b QM iQi H MmK#2` Q7 T ;2b- BM+Hm/BM; `27
bi iBbiB+b Q7 `iB+H2 H2M;i? #v DQm`M H M/ [Rk](#)26Q`2HTH ~~2bQMi2/ BM-~~ H
BM/B+ i2b M BM+`2 b2 BM i?2 H2M;i? Q7 `iB+H2b Qp2` iBK2X >Qr2p2`
H2M;i?b- i?2 bBx2 Q7 1_ `iB+H2b `2K BM +QMbi Mi #2ir22M kyRy M/ k

(h #H2 k -#)

(6B;m`2 R)

q2 HbQ 2biBK i2 b2KB@T ` K2i`B+ KQ/2H- BM r?B+? `iB+H2 H2M;i
T ` K2i`B+ HHv r?BH2 HH Qi?2` p `B #H2b 2Mi2` HBM2 `HvX 6B;m`2 "XR
Bb `Qm;?Hv bBKBH `X

6B;m`2 k b?Qrb i?2 #B@p `B i2 LS `2;`2bbBQM Q7 +Bi iBQM +QmMi Q
i?2 M im` H HQ; Q7 #Qi? p `B #H2bX h?Bb HQ;@HBM2 ``2H iBQMb?BT
HBM2 RjM2X

(6B;m`2 k)

h?2b2 irQ };m`2b H2 / mb iQ #2HB2p2 i? i i?2 HBM2 `@BM@HQ;b KQ/
>Qr2p2`- BM r? i 7QHHQrb- r2 T`2b2Mi`2bmHib 7Q` KQ/2Hb #Qi? BM H2p

h?2 PGa 2biBK i2b Q7 Qm` KQ/2H +Q2{+B2Mib `2 T`2b2Mi2/ BM h #
2biBK iBQM `2bmHib 7RQKB2?@mB@QMU`QHbX h?2 2biBK i2/ +Q2{+B2M

mi?Q` [m HBiv TQbBiBp2Hv z2+iBM; +Bi iBQMbX "mi BKTQ`i MiHv- i?B
2HBKBM i2 i?2 bi iBbiB+ HHv bB;MB}+ Mi 2z2+i Q7 `iB+H2 H2M;i?X
_2bmHib 7`QK i?2 HBM2 `@BM@HQ;b KQ/2Hb `2 T`2b2Mi2/ BM *QHmK
b BM i?2 }`bi i?`22 +QHmKMbX 6B`bi- i?2 KQ/2H rBi? MQ +QMi`QHb- i?
2t+2Ti mi?Q` [m HBiv M/ }M HHv i?2 7mHH KQ/2H BM+Hm/BM; i?2 [m H
r2 }M/ M 2H biB+Biv Q7 yX38- i?Bb /`QTb iQ yXeR r?2M r2 // HH Q7 i?2
/`QTb iQ yX88 r?2M r2 HbQ BM+Hm/2 i?2 [m HBiv p `B #H2X GQQFBM; i
h #H2 Xj- i?2 Qi?2` p `B #H2b #2? p2 b /2b+`B#2/ #Qp2 7Q` i?2 HBM2
h? i Qm` 2biBK i2b BM #Qi? KQ/2Hb /Q MQi +? M;2 i? i Km+? r?2M r2 /
b?QmH/ MQi bm`T`Bb2 mbX b H`2 /v BM/B+ i2/- Qm` ?B;?Hv b2H2+i2
`iB+H2b r?B+? r2 +QMbB/2` `2 Q7 ?B;? [m HBivX 1/BiQ`b M/ `272`22b
r?2M i?2v `2 Q7 2[m H [m HBiv iQ i?Qb2 H`2 /v BM i?2 DQm`M H M/ BM
PM2 bB;MB}+ Mi 72 im`2 Q7 i?2 HBM2 `@BM@HQ;b KQ/2Hb Bb i? i i?
i?2 HBM2 `KQ/2HbXb MQi bm`T`BbBM; ;Bp2M i?2 MQM@T `K2i`B+ `2bmH
`iB+H2 H2M;i? M/ +Bi iBQM r?B+? `2 Km+? +HQb2` iQ MQ`K H 7i2` i?2
6B;m`2 X9 M/ X8VX h?mb- *QHmKM UeV Q7 h #H2 j`2T`2b2Mi Qm` T`2
h?2 `2bmHib BM h #H2 j +QM7Q`K rBi? bQK2 2 `HB2` bim/B2b i? i }M/
2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQMX 6Q` 2t KTH2- ;Bp2M i?2 rBi?BM
Q7 jk T ;2b M/ 8k T ;2b i i?2 KB//H2 M/ iQT [mBMiBH2b Q7 Qm` b KTH2
T2` +2Mi KQ`2 +Bi iBQMb 7Q` `iB+H2b BM i?2 H ii2` [mBMiBH2 +QKT `2
/Bz2`2Mi 7`QK

9XR~~2~~MbBiBpBiv +?2+Fb

h?2 M HvbBb r2 +QM/m+i mb2b ` r T ;2 H2M;i?X q2 `2Hv QM DQm`M
/Bz2`2M+2b BM T ;2 7Q`K iiBM; +`Qbb DQm`M HbX Pm` DQm`M H@bT2-

h?2 ?B;?2bi bB;MB}+ M+2 H2p2Hb `2 7Q` ZC1 M/ 1* - #Qi? Q7 r?B+?
BM+`2 b2 BM `iB+H2 H2M;i? Qp2` iBK2X h?2 2biBK i2b Q7 Qi?2` +Q2{+B
Qm` T`2pBQm`h`22[mh`bK@2tT2`BK2Mi H TT`Q +? +QM}`Kb Qm` K BM`2

(h #H2 3)

q2 +QM/m+i p `B2iv Q7 //BiBQM H `Q#mbiM2bb +?2+FbX .`QTTBM;
H2+im`2b 7`QK i?2 M HvbBb M/ QMHv mbBM;`2;mH ` `iB+H2b /Q2b M
lbBM; +QM iBMmQmb p `B #H2 7Q` i?2 MmK#2` Q7 mi?Q`b M/fQ` iBiH2
/Q2b MQi z2+i Qm` `2bmHib Uh #H2 XRYVX h?B`/Hv- r2`2T2 ii?2 2MiB`2
[mBMiBH2b Q7 õiQi Hf p2` ;2 +Bi iBQMb #v HH mi?Q`bö Q` õ>fBRy@BM
bm+? BM7Q`K iBQM- iQ +QM i`QH 7Q` i?2 `iB+H;2 BM-HBiv B2b Qm`h`2+ B
`2K BM mM z2+i2/ Uh #H2 XRRVX AM+Hm/BM; +Bi iBQMb Q7 i?2 rQ`F
T T2`b /Q2b MQi z2+i Qm` +QM+HmbBQMb U p BH #H2 7`QK i?2 mi?Q`b
6BM HHv- HH Qm` 2KTHQv2/ KQ/2Hb r2`2 HBM2 ` BM `iB+H2 H2M;i
MQMT ` K2i`B+ M/ b2KB@T ` K2i`B+ KQ/2Hb bm;;2bi i? i i?2 KQ/2H +Q
H2M;i?X q?2M r2`2T2 ii?2 M HvbBb BM+Hm/BM; b[m `2/ `iB+H2 H2M;
i2`K Bb bB;MB}+ Mi BM i?2 KQ/2H BM H2p2HbX h?2 p2` ;2 K `;BM H 2z2-

`iB+H2 Bb r`BiBM; irQ Q` KQ`2 b?Q`i2` `iB+H2b Q7 bBKBH `[m HBiv-
;Bp2 KQ`2 iQi H +Bi iBQMb +QKT `2/ iQ i? i ;Bp2M #v QM2 HQM; QM2X 6Q
2biBK i2- B7 M mi?Q` r`Qi2 irQ b?Q`i `iB+H2b Q7 ky T ;2b 2 +?- BMbi2
bBKBH `[m HBiv- ?2` iQi H +Bi iBQMb rQmH/ BM+`2 b2 #v 98 T2`+2MiX
P#pBQmbHv i?2b2 2z2+ib `2 i i?2 K `;BM M/ r?BH2 bB;MB}+ Mi K v #
+QKT `2/ iQ Qi?2` 7 +iQ`bX _2b2 `+?2`b r Mi iQ Tm#HBb? BM iQT }p2 D
bQ- BM i?2 7 +2 Q7 ?B;? `2D2+iBQM `i2b M/ iQm;? `272`22BM;- mi?Q`
BM7Q`K iBp2 M/ mb27mH #v r`BiBM; `iB+H2b rBi? i?2 ;`2 i2bi TQbbB#H

9XkXm`p2v Q7 1+QMqKBbib

AM Q`/2` iQ ; BM HBiiH2 KQ`2 BMbB;?i BMiQ mi?Q`bö +Bi iBQM T` +i
bm`p2v Q7 1+QMqKBbib i i?2 mbi` HB M L^{kR}BiQM Hi BM B p2`Q Mi Q KB L i V Xi
IMBp2`bBiv r2`2 BMpBi2/ #v 2K BH iQ T `iB+BT i2 BM i?2 bm`p2vX S `iB+
iQ +Bi2 HQM;2` Q` b?Q`i2` `iB+H2bX HH T `iB+BT Mib +H BK2/ i? i `i
i?2B` +?QB+2 Q7 r?2i?2` Q` MQi iQ +Bi2 T T2`X >Qr2p2`- BM 7QHHR@
K2MiBQM2/ i?2 7 +i i? i b?Q`i2` `iB+H2b `2 2 bB2` iQ `2 / U6B;m`2 jV r
#2M2}i Q7 #2BM; +QKT`2?2MbBp2 M/ BM+Hm/BM; #Qi? i?2Q`^k M/ 2KT B

(6B;m`2b j M/ 9)

h?mb- i?2 bm`p2v bm;;2bib i? i 2+QMqKBbib K v MQi #2 r `2 i? i i?2v
HQM;2` `iB+H2b- #mi Qi?2` T`272`2M+2b H2 / i?2K iQ /Q bQX am+? `2br
#2ir22M H2M;i? M/ +QKT`2?2MbBp2M2bb Q7 `iB+H2bX

8X *QM+HmbBQM

q2 2t KBM2 r?2i?2` i?2`2 Bb Mv + mb H 2z2+i Q7 `iB+H2 H2M;i? QM i?2
`iB+H2 `2+2Bp2bX AM Qm` BMp2biB; iBQM- r2 2KTHQv2/ BM7Q`K iBQM

^{kR}h?2 bm`p2v r b +QM/m+i2/ mbBM; r2# # b2/ bm`p2v iQQH am`p2vJQMF2vX 6Q` i?2
TT2M/Bt *X h?2 bm`p2v `2+2Bp2/ 2i?B+b TT`Qp H #v i?2 *? B` Q7 i?2 bB S +B}+
*QKKBii22- LI- QM y8fyefkyRd U>mK M 1i?B+b S`QiQ+QH OkyRdfjdNVX
^{kk}LQi2 i? i i?2b2 `2bTQMb2b `2 MQi +QMi` /B+iQ`v B7 `2bTQM/2Mib r2`2 +QM/BiBQM
Mbr2`BM; i?2 [m2biBQM #Qmi `iB+H2 H2M;i? M/ +Bi iBQM T` +iB+2X

M/ kyR9 BM iQT }p2 DQm`M Hb BM 2+QMqKB+bX lbBM; +Bi iBQM +QmMi
7Q` ` M;2 Q7 7 +iQ`b bbQ+B i2/ rBi? +Bi iBQM- r2 }M/ M 2H biB+Biv Q
`2bT2+i iQ T ;2 H2M;i? Q7 yX88X /Bz2`2M+2@BM@/Bz2`2M+2 TT`Q +
BM `iB+H2 H2M;i? Qp2` iBK2 #v DQm`M H T`Q/m+2b bBKBH ` 2biBK i2
q?BH2 HQM;2` `iB+H2b K v #2 ?B;?2` [m HBiv- r2 ii2KTi iQ +QMi`QH
Q7 mi?Q` [m HBiv i? i mb2b BM7Q`K iBQM 7`QK HH Q7 i?2 mi?Q`öb Qi
/Q MQiA,Đ ?B ñMbXB° €À#H4`+“b ikõ•đ•• M/ kyR!À•òđv“b#ĐB'6 •v i 7C€• À i E

_272`2M+2b

h #H2b M/ 6B;m`2b

h #H2 BmKK `v bi iBbiB+b, *Bi iBQM
#v v2 ` M/ DQm`M H

u2 `

kyRy kyRR kyRk kyRj kyR9 HH

K2`B+ M 1+QMKB+ _2pB2r

J2 M jkd ky3 kkd k8R 38 kRy
a. 9jj kRe kkk j93 Ne k38
JBM Ry 3 8 9 k k
J t k-3k9 R-k3R R-R9y k-jN8 dd3 k-3k9
L Ry9 Rk9 Rj9 RRR R93 ekR

CQm`M H Q7 SQHBiB+ H 1+QMKBv

J2 M kdN kdd RNy R89 Rj3 kye
a. kR9 j93 R3d R93 38 kRN
JBM jj j9 kN R kR R
J t dRd R-3jk 3Nj 93e jyR R-3jk
L kN jR jy jk jk R89

Zm `i2`Hv CQm`M H Q7 1+QMKB+b

J2 M 9jN 9k9 jdj kdR jyy jdy
a. 9Rd j8N jk8 k88 jk9 j98
JBM 8j ky kj d 8j d
J t R-dNk R-8NN R-jk3 R-yNj R-8dR R-dNk
L 99 9e 9R 9y 9y kRR

1+QMKB2i`B+

J2 M RNN kdN R9d Re9 Re3 R38
a. kNk k3e RN9 Rd8 kk3 kj3
JBM e jj R9 N 9 9
J t R-8dk R-j93 R-RNd R-yye R-kd8 R-8dk
L e8 93 d3 ed eR jRN

_2pB2r Q7 1+QMKB+ aim/B2b

J2 M RNN Rjy kRR Rdj Rj9 ReN
a. RNe RR9 jyy kk9 Rj3 kyd
JBM RR j R9 Rd RN j
J t 3kR eNj R-NkR R-kky dR8 R-NkR
L 8y 8y 8k 8k 8k k8e

HH DQm`M Hb

J2 M k3N k9d kkR kRR R9k kky
a. j8N kdk k9N keN R33 kd9
JBM e j 8 R k R
J t k-3k9 R-3jk R-NkR k-jN8 R-8dR k-3k9
L kNk kNN jj8 jyk jjj R-8eR

LQi2*Bi iBQM +QmMi Q7 `iB+H2b 2t+Hm/2 +Bi iBQM Q7 i?2
rQ`FBM; T T2` p2`bBQMX

JBM LLLL RR j 9Ry eeN 93
LRk3 Ryh #P2 kamkk @%\$TMb B4b, b"hsX DÀ nDM%Pv@2a€'QV2DQm`M H

LQM@bi M/ ` /Bx2/

u2 ` kyRy kyRR kyRk kyRj kyR9 HH

K2`B+ M 1+QMCKB+ _2pB2r
J2 M kj ke kd kd k3 ke
a. N N 3 Ry Ry N
JBM R j j R j R
J t 9y 9k 9j 8y 8R 8R
L Ry9 Rk9 Rj9 RRR R93 ekR

CQm`M H Q7 SQHBiB+ H 1+QMCKv
J2 M 9y 9y 9y j3 9k 9y
a. Ry RR RR R8 R9 Rk
JBM kj kR Rk k 3 k
J t ek ed ee e9 dk dk
L kN jR jy jk jk R89

Zm `i2`Hv CQm`M H Q7 1+QMCKB+b
J2 M 9R 98 9d 9e 9N 9e
a. Ry Rk Ry N Rk RR
JBM Rd e k3 Ry R8 e
J t e9 ed d9 eR d3 d3
L 99 9e 9R 9y 9y kRR

1+QMCK2i`B+
J2 M kN jN j9 je jd j8
a. Rk R8 R8 Rd R8 R8
JBM N e j k 3 k
J t eR Ryj dR 3R dd Ryj
L e8 93 d3 ed eR jRN

_2pB2r Q7 1+QMCKB+ aim/B2b
J2 M jR kN jR jR jk jR
a. eamKYx" 3

h #H2 k#2 Mb M/ a.b Q7 BKTQ`i Mi +QMi`QH p `B #H2b #v v2 ` M/ DQm`

u2 `

	kyRy	kyRR	kyRk	kyRj	kyR9	HH
<u>K2`B+ M 1+QMCKB+`</u> <u>LmK#2` Q7 +Q mi?Q`b`</u>	2pB2r kXk	kXj	kX9	kXj	kX9	kXj
hBiH2 H2M;i?	UyXNV 3XR	UyXNV NXk	UyXNV 3XN	UyXNV 3X3	UyXNV 3X8	URXyV 3Xd
`iB+H2 Q`/2`	UjX8V RjX8	U9XyV RRX9	UjXeV RRX3	UjX3V NX3	UjX9V dXj	UjXd RyXe
>B;?2bi +Bi iBQM Q7	UdXeV mi?Q`b UyyyV	UeXdV kkX9	UeXdV R3X3	U8X8V R3X8	UjXNV R8Xk	Ue F
CQm`M H Q7 SQHBiB+`	H 1+QMCKv LmK#2` Q7 +Q mi?Q`b`	kXR	RXN	kXy	kXk	kXj
hBiH2 H2M;i?	UyX3V NXd	UyX3V dXN	UyXdV 3Xy	URXRv 3X8	UyXdV 3Xe	Uy 3X8
`iB+H2 Q`/2`	U9XeV kXN	UjXRv jXR	UkX9V jXy	U9XkV jXk	UjXeV jXk	UjX jXR
>B;?2bi +Bi iBQM Q7	URX9V mi?Q`b UyyyV	URX8V R9Xe	URX9V RkXy	URXeV RRX3	URXeV NX9	U F
Zm `i2`Hv CQm`M H Q7 1+QMCKB+b`	LmK#2` Q7 +Q mi?Q`b`	kX8	kXk	kXe	kXj	kX8
hBiH2 H2M;i?	URXyV 3Xy	URXRv 3X9	URXRv NXk	URXRv 3Xk	URXRv 3X3	URXRv 3X8
`iB+H2 Q`/2`	UjXdV eXy	UjX3V eXj	UjXeV 8Xe	UjXdV 8X8	UjXNV 8X8	UjXd 8X3
>B;?2bi +Bi iBQM Q7	UjXkV mi?Q`b UyyyV	UjX9V kRX3	UjXyV k9XR	UkXNV jyX8	UkXNV k8Xe	UjX R
1+QMCK2i`B+`	LmK#2` Q7 +Q mi?Q`b`	kXR	kXy	kXR	kXR	kXj
hBiH2 H2M;i?	UyXNV dXN	UyXNV dX3	UyXNV 3XR	UyXNV dX3	UyXNV dXe	UyXNV dX3
`iB+H2 Q`/2`	UjX9V eXj	UjXkV 9Xe	UjX8V dXk	UjXeV eXR	UjXdV 8Xe	UjX8V eXR
>B;?2bi +Bi iBQM Q7	UjX3V mi?Q`b UyyyV	UkX9V RNx8	U9XRv RjXN	UjXjV R9X9	UjXyV 3X8	UjX8 R
2pB2r Q7 1+QMCKB+`	aim/B2b` LmK#2` Q7 +Q mi?Q`b`	kXR	kXR	kXk	kXk	kXj
hBiH2 H2M;i?	UyXNV dXk	UyXNV dX8	UyX3V 3Xj	URXyV dXN	URXyV 3Xe	URXyV dXN
`iB+H2 Q`/2`	UjXeV eX3	UjX9V eX3	UjX3V dXy	UjX9V dXy	UjXyV dXR	UjX8V eXN
>B;?2bi +Bi iBQM Q7	UjXdV mi?Q`b UyyyV	UjXdV R3XN	UjX3V 3X3	UjX3V R9X3	UjXNV RRXR	UjXd R
HH DQm`M Hb`	LmK#2` Q7 +Q mi?Q`b`	kXk	kXk	kXj	kXk	kX9
hBiH2 H2M;i?	UyXNV 3XR	UyXNV 3X9	UyXNV 3Xe	URXyV 3Xj	UyXNV 3X9	UyXNV 3X9
		Uk3XeV	UkkXex3Xe	3Xc°	°€PG„C0	°€0kd9”Pc°°€F

h #H2 9h,?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM,
 #v DQm`M H

JQ/2Hb BM H2p2H					GQ;@HQ; KQ/2Hb				
URV	UkV	UjV	U9V	U8V	UeV	UdV	U3V	UNV	URyV
1_	CS1	ZC1	1*	_1a	1_	CS1	ZC1	1*	_1a

h #H2 8h,?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, [m MiBH2 `2;`2bbBQM `2bmHib

Zm MiBH2b	JQ/2Hb BM H2p2H					GQ;@HQ; KQ/2Hb						
	Ry	k8	8y	d8	Ny	Ry	k8	8y	d8	Ny		
S ;2 +QmMi	yX8N UyXyyV	RX98 UyXyyV	kXey UyXyyV	jXke UyXyyV	jX38 UyXyyV	yXeJ UyXyyV	yXd8 UyXyyV	yXd8 UyXyyV	yX8k UyXyyV	yXjk UyXyyV	UyXyyV	UyXyyV
CQm`M H 61b	u	u	u	u	u	u	u	u	u	u	u	u
`iB+H2 ivT2 61bu		u	u	u	u	u	u	u	u	u	u	u
u2 ` KQMi?b 61b		u u	u	u	u	u	u	u	u	u	u	u
mi?Q`MQX 61b u		u	u	u	u	u	u	u	u	u	u	u
hBiH2 H2M;i? 61b		u	u	u	u	u	u	u	u	u	u	u
`iB+H2 Q`/2` 61b		u	u	u	u	u	u	u	u	u	u	u
6B2H/ Q7 bim/v 6u		u	u	u	u	u	u	u	u	u	u	u
`iB+H2 [m HBiv 61b		uu	u	u	u	u	u	u	u	u	u	u
*QMbi Mi	8yX6ĐP6—	i3aVĐ 0 0™bo\$iaVĐ	f•€•€ u iq1Wgv m 0 ?Y-&òF™6 m R0k e X 9 j Đ P6—	vvaVĐ 0 0™bo\$iaVĐ	€• d							

h #H2 4,?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM,
rBi? bi M/ `/Bx2/ T ;2 +QmMi

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

h #H2 dh,?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM,
 rBi? 61b Q7 Bmi2` +iBQMb Q7 DQm`M H- v2 ` M/ KQMi?

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

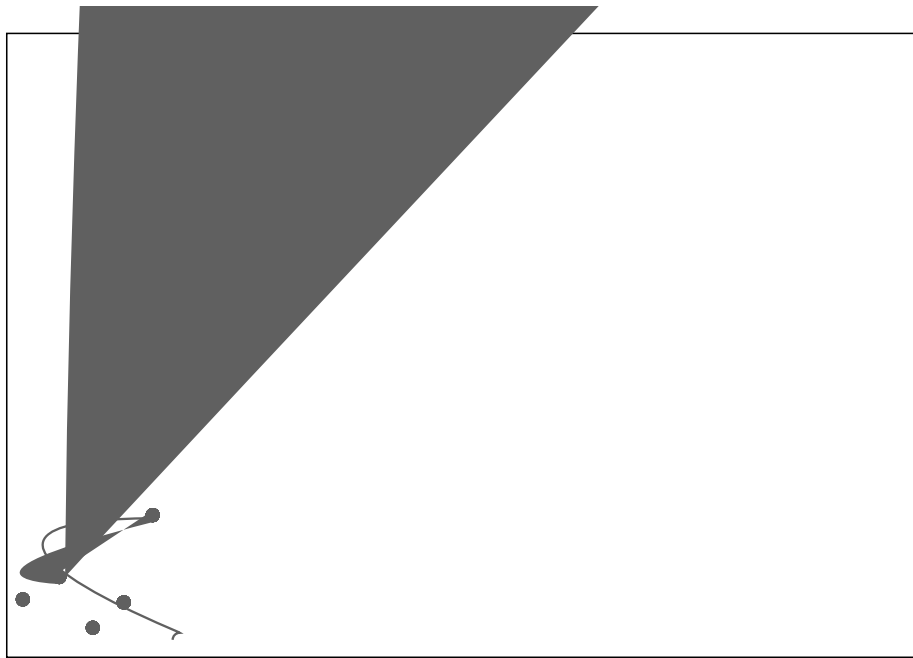
	URV	UkV	UjV	U9V	U8V	UeV
S ;2 +QmMi	8XkR	jXy9	kXeN	yX38	yX8j	yX93
	UyX8NV	UyXe9V	UyXeyV	UyXRyV	UyXRRV	
`iB+H2 ivT2 61b	L	u	u	L	u	u
CQm`M H- u2 ` KQMi?b 61b u	L	u	L	u	u	
mi?Q` MQX 61b	L	u	u	L	u	u
hBiH2 H2M;i? 61b	L	u	u	L	u	u
`iB+H2 Q`/2` 61b	L	u	u	L	u	u
6B2H/ Q7 bim/v 61	L	u	u	L	u	u
`iB+H2 [m HBiv 61b	L	L	u	L	L	u
*QMbi Mi	9NXRek8jX39kk9X98RXN9	jXe8	jXeN	UkyXjyV	URkdX9kV	URyeXe9V
	UyXjdV	UyX9NV				
L	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR
/Dmbi2/_	yXye	yXkyyXk9	yXR8	yXje	yX9y	

LQi2,272`2M+2 + i2;Q`v, CQm`M H@ 1_- u2` @kyRy- JQMi?@C Mm `v- `iB+H2 ivT
 bi M/ ` / 2` Q`b `2 +Hmbi2`2/ i Bbbm2b Q7 DQm`M HbX

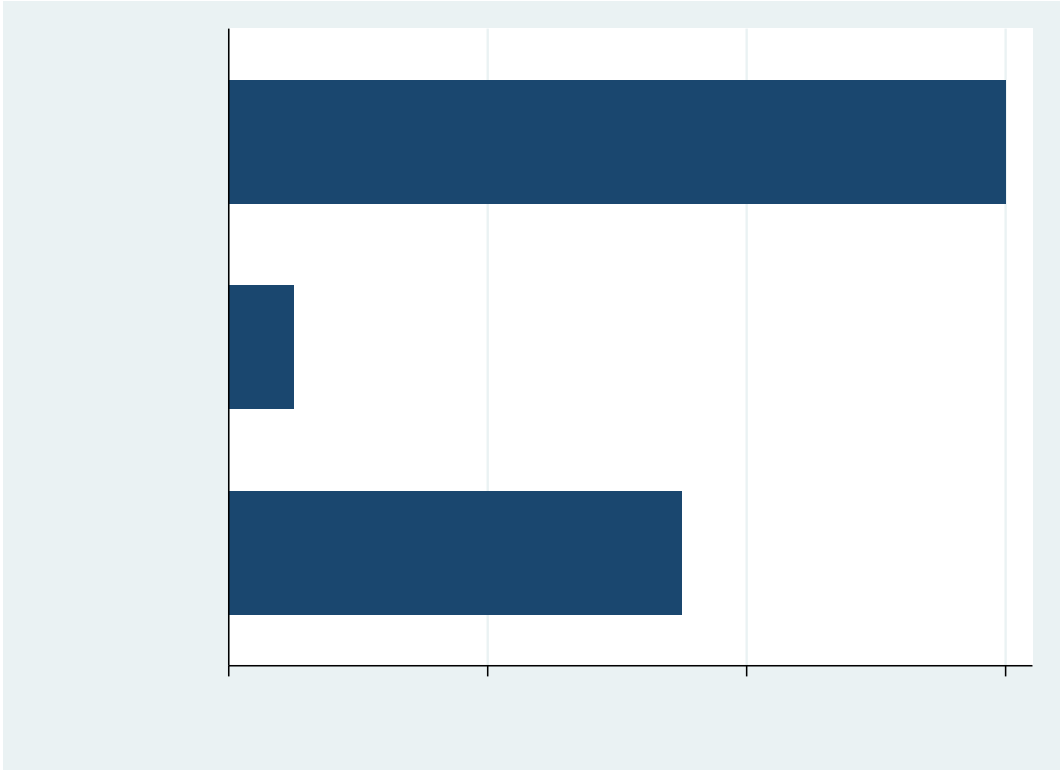
h #H2 3i,?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, /Bz2`2M+2 BM /Bz2`2M.

		JQ/2Hb BM H2p2H			GQ;@HQ;KQ/2Hb		
		URV	UkV	UjV	U9V	U8V	UeV
kyRR		@RRNX9N	RdkX9@	RdyXN@	yXk3@	yX9N@	yX93
		U9eX3yV	Uk8XjyV	Uk8XNeV	UyXR8V		UyXR9V
kyRk		@RyyXR@	RdyXk@	ReRX8y@	yXRd @y@	989R	
		U9yX3NV	UkdXj3V	UkNXyNV	UyXRkV		UyXR8V
kyRj		@deX9@	R9kX9@	Rk3X9@	yXkd@	yX8j @yX93	
		U99Xj3V	UkdXjRV	UkXdNV	UyXRRV		UyXRjV
kyR9		@k9kX9@	j9jXNN@	jR9Xd@	RXk3@	RXe3@	RX8e
		UjNXRjV	UjyX8dV	UkNXNRV	UyXR9V		UyXRjV
CS1		@9dX38	@Re@	Rk@	XeN	XR8 @yXj8	@yXjk
		U9dXjRV	U8kXyNV	U8RXjyV	UyXReV		UyXkkV
ZC1		RRkXRd	ReX9e	kjXjN	yX8y	yXyN	yXRR
		U8eX3eV	U9jXy3V	U9RXR8V	UyXRRV		UyXR8V
1*		@RkdX8@	ReeXk@	RjjXyk@	yX9d@	yXe8@	yX8R
		U9NXeRV	U99Xe9V	U9kXjRV	UyXR8V		UyXReV
_1a		@Rk3X8@	RdjXey@	R8dX8@	yXj3@	yX8N@	yX89
		U9RX3jV	UjeX83V	Uj8X8jV	UyXRdV		UyXR3V
CS1	kyRR	RReX3k	R3jXR	MyXR3	yXRy	yXjd	yX99
		UN9XyeV	UdNXj9V	U3yX9yV	UyXjRV		UyXjRV
ZC1	kyRR	RyjX3d	Rj9XR	Ry9XN9	yXjy	yXj3	yX9R
		UdeXNRV	U93Xj9V	U9dXRNV	UyXRdV		UyXRe
1*	kyRR	RN3X39k9	RX8y	kjyX83	yXde	yXNR	yX39
		UeeX8RV	U8jX3NV	U8RXN3V	UyXkkV		UyXkRV
_1a	kyRR	8yXjR	RR9X	RjX8d	@yXyk	yXkj	yXkN
		U8RX3NV	UjdX89V	UjNXdkV	UyXkkV		UyXkRV
CS1	kyRk	RyXN9	NeX9R	N8XjN	@yXk3	yXye	yXRy
		UekXyRV	UeyX8RV	U83XRdV	UyXkkV		UyXkeV
ZC1	kyRk	j9Xy3	89XR9	k8Xj9	@yXyd	@yXyj	@yXRk
		U3kXk3V	UdyXkjV	Ue3X39V	UyXkeV		UyXkdV
1*	kyRk	9dXN8	RjyXy	RjXjk	@yXye	yXke	yXRN
		U8dXe8V	U99X3RV	U9jXd3V	UyXk9V		UyXk9V
_1a	kyRk	RRjXy8	ReNXNk	RekXd8	yXRy	yXjy	yXkd
		U9NXeeV	U8yX9yV	U9eXk3V	UyXk9V		UyXkdV
CS1	kyRj	@93X8y	kNXeR	jRX8y	@yX@	yXjy	@yXke
		U83XdkV	U8kXk8V	U8RX8dV	UyXjdV		UyXj9V
ZC1	kyRj	@NRXe8	@9dXNy	@ejX@	8yXy3@	yX@	8yXRk
		Ue8X93V	U9RXRyV	U9RXN3V	UyXR8V		UyXRd
1*	kyRj	9RXyd	RRNX	PeNXdy	yXkk	yXdRy	XdR
		U8eXeRV	U9yXeeV	UjNXR8V	UyXRNv		UyXkyV
_1a	kyRj	8RXke	N8XjN	3Xdj	yXRj	yXkN	yXjj
		UeyXydV	U9jXddV	U9kXdeV	UyXk8V		UyXkjV
CS1	kyR9	RyRX9eky	NXd3	R3kX3d			

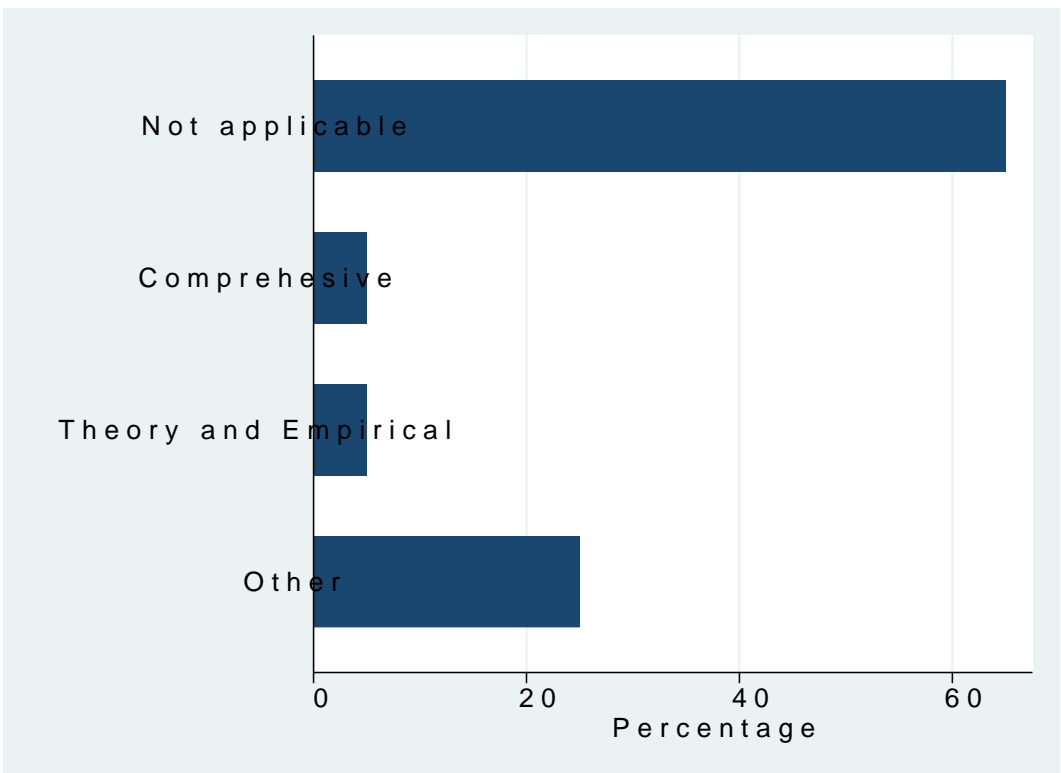
6B;m`2 JRp2K2Mi Q7 +Bi iBQM +QmMi rBi? `iB+H2 H2M;i? UBM H2p2



6B;m`2 JRp2K2Mi Q7 +Bi iBQM +QmMi rBi? `iB+H2 H2M;i? UBM HQ;b



6B;m`2 j,2bTQMb2b ; BMbi T`272``BM; b?Q`i2` `iB+H2b



6B;m`2 92bTQMb2b ; BMbi T`272``BM; HQM;2` `iB+H2b

h #H2 XkyT2b Q7 `iB+H2b #v DQm`M H

`iB+H2 ivT2

_2;mH ` *QKK2Mibf`2THv G2+im`2 HH

K2`B+ M 1+QMqKB+ _2pB2r	99	R	ekR
CQm`M H Q7 SQHBiB+ HR9dQMqKv8		k	R89
Zm `i2`Hv CQm`M H Q7 1+QMqKB+kb		kyN y	kRR
1+QMqK2i`B+ k39 j8		y	jRN
_2pB2r Q7 1+QMqKB+ ak0eB2b		y	k8e
HH DQm`M Hb R-9dk	3e	j	R-8eR

h #H2 Xj,

h #H2 Xj U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

LmK#2`Q7	e3XR9	8Xkd	yXj3	yXy3
+Q mi?Q`b4j	UR3X8yV	UR3XNdV	UyXydV	UyXydV
LmK#2`Q7	39Xe3	RyXNj	yX93	yXRk
+Q mi?Q`b49	UkeXkRV	UkeXjkV	UyXRyV	UyXRyV
LmK#2`Q7	ReyX38	ejXkj	yXdy	yXkd
+Q mi?Q`b48	U8dXdNV	U83XkjV	UyXReV	UyXReV
hBiH2 H2M;i?4R	yXyy			

2 UeY,FCaGRV%06 V

EQ•€ °R3XW

• @ N7 • €U ° R 3 X ñS CV 8b” k V

h #H2 Xj U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ; KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
hBiH2 H2M;i?4kk		3RX38	83XyN		yX8y	yXjR
		URkNXRRV	URRRX8	UyX9RV		UyXjdV
`iB+H2 Q`/2`4R		yXyy	yXyy		yXyy	yXyy
		UXV	UXV		UXV	UXV
`iB+H2 Q`/2`4k		@jkXd3	@kkXdR		@yXy3	@yXy9
		UjeXyjV	Uj8XydV		UyXRyV	UyXyNV
`iB+H2 Q`/2`4j		@kXdj	9X8y		yXy8	yXyN
		UjdXkjV	UjeXR8V		UyXRRV	UyXRyV
`iB+H2 Q`/2`49						

h #H2 Xj U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
`iB+H2 Q`/2`4k9	@ky3X8j@Rd8X3d			@yX99	@yXj8	
	U8yXy9V	U8dXdyV	UyXjyV	UyXkNV		
`iB+H2 Q`/2`4k8	@RRdXd3	@3kXed	yXyd	yXR8		
	URykXejV	URRjXj9V	UyX8eV	UyX88V		
`iB+H2 Q`/2`4ke	@RNjXjR@RedXyj		yXRe	yXRe		
	UdyXdNV	UdyXkeV	UyX8eV	UyX88V		
`iB+H2 Q`/2`4kd	@RNeXN@RRdX3y		@yXeN	@yX9R		
	UeyXeRV	Ue9X8yV	UyX9kV	UyX98V		
`iB+H2 Q`/2`4k3	@R3eXej@RjRXdj		RXR9	RXk8		
	URyeXeRV	URykXdNV	UyX9kV	UyX9RV		
C2H +Q/2 ô ô	@RR3Xyk@djX9N		@yXke	@yXRR		
	U8dXy9V	U8NX88V	UyXkdV	UyXk3V		
C2H +Q/2 ô#ô	9ydX9y	9yRXyk	@yXkd	@yXkj		
	U9e8XeNV	U9jNXRdV	UyXe3V	UyX8NV		
C2H +Q/2 ô+ô	@jkXNR@jdXN9		@yXky	@yXky		
	URNXRjV	URNXjdV	UyXRyV	UyXRyV		
C2H +Q/2 ô/ô	@j3X9e@jyX8N		@yXRd	@yXR9		
	UR3XyjV	URdX8jV	UyXyeV	UyXy8V		
C2H +Q/2 ô2ô	e3X88	ejX3y	yXkR	yXRN		
	UkNXjeV	UkNXNRV	UyXyNV	UyXyNV		
C2H +Q/2 ô7ô	8kXeR	9NXeR	yXjR	yXk3		
	UjyXk8V	UjRX8NV	UyXRyV	UyXRyV		
C2H +Q/2 ô;ô	R8XjR	RyX33	@yXyd	@yXyN		
	UkyX9kV	UkyXd9V	UyXyNV	UyXyNV		
C2H +Q/2 ô?ô	@yXR3	NX83	@yXyN	@yXyj		
	UkNXN3V	UkNXRRV	UyXydV	UyXydV		
C2H +Q/2 ôBô	3XkR	R8Xkk	yXkj	yXk8		
	Uk8XkkV	Uk8XjeV	UyXyNV	UyXyNV		
C2H +Q/2 ôDô	@yXkd	@jXNy	yXy8	yXyj		
	UkyXyeV	UR3X8NV	UyXy3V	UyXydV		
C2H +Q/2 ôFô	@d8X3y@e8Xjy		@yX9j	@yXj3		
	UkeXejV	Uk9XNkV	UyXRkV	UyXRRV		
C2H +Q/2 ôHô	RyXe9	RRX3y	yXRk	yXRk		
	UkyX9jV	URNXd9V	UyXy3V	UyXy3V		
C2H +Q/2 ôKô	j8Xjj	jdXRy	yXkk	yXk9		
	UjRXdRV	UjkXd8V	UyXRjV	UyXRjV		
C2H +Q/2 ôMô	8kXNy	eyX8k	yXRj	yXR8		
	U89X8yV	U8jX99V	UyXR9V	UyXR8V		
C2H +Q/2 ôQô	deXyy	e3XN3	yXkN	yXk3		
	UkdXNdV	UkeX9NV	UyXy3V	UyXy3V		
C2H +Q/2 ôTô	@k8XNN@9yX9j		@yXyk	@yXye		
	U3eXRyV	U3eX3jV	UyXkeV	UyXk9V		
C2H +Q/2 ô[ô	jeX3j	j9X83	yXy3	yXyd		
	U8jXN9V	U8eXjRV	UyXRjV	UyXR9V		
C2H +Q/2 ô`ô	NNXjR	RyyX39	yXk8	yXkd		
	U98XNjV	U9jXNkV	UyXRkV	UyXRkV		
C2H +Q/2 ôxô	NjXRj	dkXe8	yX9j	yXjj		
	UjdXkRV	Uj9XdkV	UyXR9V	UyXRjV		

*QMIBMm2/ QM M2ti T ;2XXX

G>BXG@B1-H-02-HB00' D E03 D EG*RYBBWV5V7C,5DhWbDpS-€™b56x™p00 # \$ # BB2/M B M nH# fM

h #H2 Xj U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ; @HQ; KQ/2HbG*kVG*jVG*9V

h #H2 X0?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, #v DQm`M H
 U7mHH`2bmHib 7Q` h #H2 9V

	JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb				
	URV	UkV	UjV	U9V	U8V	UeV	UdV	U3V	UNV	URyV
S ;2 +QmMi	jXey	kXKN	RXkR	RXd8	kXRe	yXkd	yXdRyXkR	yX9eyX9d		
kyRR	URXe8V	URXjkV	UkX8dV	UyX3kV	URXNdV	UyXkyV	UyXjkV	UyXjeV	UyXR8V	UyXyN
kyRk	@R8eXkR	@RjX98	R99X8N9k	eX8j	@yX98	@yXRd	yXjy	yXk9	UyXR8V	UyXk3V
kyRj	UkNXy8V	UeNXeRV	UNRX38V	U9dXeyV	U93Xe8V	UyXRd	@yXy9			
kyR9	@Ry9XR	@RRkXy9	@3jXeJ	@8NXN9e9	@yXkXdj	@yXjk	@yXky	@yXyd		
62#X	Uj8Xy8V	U9jXdeV	UN9XNRV	U93X8yV	U8jXkjV	UyXR8V	UyXk8V	UyXk8V	UyXk8V	UyXk9V
J `X	UjeX38V	UddXedV	U9NX98V	UyXkRV	UyXk8V	UyXR3V				
T `X	@k8Xdj		@8dXR9	@yXj3		@yXRj				
CmMX	Uj9XykV	UdRX3yV	Uk3Xd3V	UyXR9V		UyXReV				
CmHX	@k8Xjy	ekX8N	R8XNy	@yXk3R3						
m;X	@dX3y	3eXy8	Uj9Xy8V	UyXReV	UyXjyV	UyXRdV				
a2TX	Uk3XdRV	U9RXk9V	@93X9j	@yX8e	yXRd	@yXR8	@yXR9			
P+iX	RXN8		UjNXyNV	UkeXR3V	UyXRkV	UyXkyV	UyXR8V			
LQpX	UjkXReV		@jjX8y	R8Xd9	@jeXN3	@yXR3	@yXy9			
.2+X	@N3XR9	UjRXy3V	U9yX9eV	UyXReV	UyXkjV	UyXReV				
*QKK2Mi	Ue8XNjV		@jyXk3	UyXkyV		UyXRNv				
	9XRd	@RjXkN	U9jX33V	UyXkRV						
	UjyXN8V	U9yXk9V	kNXkR	@yXR8	@yXR3	@yXyk				
	Uk3XjRV		UjRXRRV	UyXR9V	UyXRdV	UyXkkV				
	@9dXj8		@kRXye	@yXdk	yXyk					
	UkeXNyV		UjNX3kV	UyXRRV	UyXReV					
	@83Xj8			@yXj9						
				UyXRNv						

h #H2 X9 U*QMIBMm2/V

		JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb				
		URV	UkV	UjV	U9V	U8V	UeV	UdV	U3V	UNV	URyV
	`iB+H2 Q`/2`4k	R8XRj					@yXjj				
		URyyX99V					UyXjjV				
	`iB+H2 Q`/2`4k	@Ry3XRd					@yXe9				
		UNkXN9V					UyX9RV				
	`iB+H2 Q`/2`4k	@R9NXkj					@yXRR				
		U3yXy3V					UyXj8V				
	`iB+H2 Q`/2`4k	9 @R38Xk3					@yXeR				
		U3dX88V					UyXjRV				
	`iB+H2 Q`/2`4k	@RyjXey					@yXy8				
		UR8eXy3V					UyX8dV				
	`iB+H2 Q`/2`4k	@RNdXjR					@yXRd				
		URR9XeNV					UyXekV				
	`iB+H2 Q`/2`4k	@ReyXdN					@yXNj				
		UNNX38V					UyX83V				
	`iB+H2 Q`/2`4k	@k89Xyk					yXN3				
		URd3XekV					UyX8yV				
C2H +Q/2	ô ô	@39X39					@yXk8				
		U3dX88V					UyXkdV				
C2H +Q/2	ô#ô	9d8XN8	@98XjR				@yXe3	@yXR3			
		U8jdXykV	URRjXk3V				UyXdRV	UyX9eV			
C2H +Q/2	ô+ô	@jdXNd	@8kX3j			RjXye	@yXye	@yX9y		@yXk8	
		UkeXkkV	UNeXRdV			UjyXyjV	UyXRjV	UyXjkV		UyXR3V	
C2H +Q/2	ô/ô	@9XdN	@R83XdR			@8dXy9	@yXRR	@yX99		@yXR3	
		UkjX3NV	UekX8NV			Uj3XjNV	UyXy8V	UyXRNv		UyXReV	
C2H +Q/2	ô2ô	9NXed	R38Xe9			@jyXNN	yXRN	yXk8		yXky	
		UjkXjeV	URkRXejV			U9eX8jV	UyXRjV	UyXk3V		UyXRdV	
C2H +Q/2	ô7ô	k9XNk	@RjX8k			RjRXk3 yXRN		yXkR		yX8R	
		U9eX9NV	Ud8XRdV			UeNXNyV	UyXRjV	UyXkjV		UyXk9V	
C2H +Q/2	ô;ô	RjXRj	8yXRk			@39XRy	@yXy3	yXyN		@yXe8	
		Uk9XyNV	UNjX3dV			U8RXd9V	UyXyNV	UyXkeV		UyXk9V	
C2H +Q/2	ô?ô	9RX3y	@8NXy3			@djXyR yXy3		@yXky		@yXjy	
		U9NXyyV	Ue9Xe3V			UkdXy3V	UyXRkV	UyXR9V		UyXReV	
C2H +Q/2	ôBô	8XR8	@kyXRj			@kyX8d	yXkj	yXye		yXk9	
		UjyXydV	UNRX38V			UjjX99V	UyXRyV	UyXkjV		UyXRNv	
C2H +Q/2	ôDô	@RjXe9	@eXk8			kyXek	@yXy8	yXy3		yXRN	
		UkdXNeV	U88XR9V			U98X9RV	UyXRyV	UyXR3V		UyXRdV	
C2H +Q/2	ôFô	@eyXy3	@Ry8X8j			@edXN3	@yX9k	@yXk8		@yXR8	
		UkNX3kV	UR9eXdkV			UejXNdV	UyXRjV	UyX8RV		UyX8jV	
C2H +Q/2	ôHô	8X89	NXyN			@R9Xje	yXRj	@yXyk		yXkR	
		Uk3X9kV	UeyX3kV			Uj8XydV	UyXRRV	UyXRdV		UyXReV	
C2H +Q/2	ôKô	RdXky	RjNXkk			R3X8j yXk9		yX99		yXjk	

*QMIBMm2/ QM M2ti T ;2XXX

9K

h #H2 X9 U*QMIBMm2/V

	JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb				
	URV	UkV	UjV	U9V	U8V	UeV	UdV	U3V	UNV	URyV
C2H +Q/2 ôMô	UjdXR9V eeXke		URRkXjyV RXdj		UdjXdeV NjXNd yXke	UyXRdV	UyXkeV @yXRj			UyX8yV yXRj
C2H +Q/2 ôQô	UdkX9NV RR9XRR		UNeXe9V @jdX9d		URR8X88V Ry3XkkyXj9	UyXRdV	UyXjRV yXyR			UyX8kV yXej
C2H +Q/2 ôTô	Uj8XRdV RdX3e URjkXNjej		Ue8Xk8V @RRRXRR		UeyX89V @RejXey	UyXRYV yXRR	UyXkyV @yXjd			UyXkyV @yX8d

h #H2 XB?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, [m MiBH2 `2;`2bbBQM `2bmHib
U7mHH `2bmHib 7Q` h #H2 8V

Zm MiBH2b	JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb					
	Ry	k8	8y	d8	Ny	Ry	k8	8y	d8	Ny	
S ;2 +QmMi	yX8N	RX98	kXey	jXke	jX38	yXej	yXd8	yXd8	yX8k	yXjk	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
CS1	@yX38	@R3XRN	@j9Xkk	@jdXNk	@38XkeyXRj	@yXkj	@yXk8	@yXy8	@yXR3		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
ZC1	NX8y	kyXdd	dRXNR	deX39	R8eXk8	yXRj	yXyj	yXkj	yXke	yXkd	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
1*	9XkN	@9Xd8	@R9Xjk	jX93	@R8XdkyXjk	yXy3	@yXyj	yXRN	yXk9		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
_1a	@RXkk	@kX38	@dXdk	RyXee	@98X8dyXy3	@yXR	R@yXyeyXye	yXy9			
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
kyRR	8Xje	@RXyN	@jyXje	@9dXdN	@RykXNjXRk	@yXR9	@yXkj	@yXRN	@yXRN		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
kyRk	@RjXd8	@RNXkd	@99X89	@eNXy3	@RjyX8R	@yXkN	@yX9R	@yX9y	@yXj9	@yXj8	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
kyRj	@3XNj	@RjXyk	@9yXN9	@38Xje	@R9dXN	@yXkR	@yXkd	@yXjk	@yX9y	@yXjd	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
kyR9	@k3Xdd	@9yXky	@NRXN	@R9dX3	@k8NXR	@yXed	@yX3k	@yXd3	@yXd3	@yXdN	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
62#X	kyXey	RdXy9	9dXN3	RRjXd8	RjyXRy	yX9j	yXj8	yXjy	yXje	yX8d	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
J `X	NXey	@RXyj	@NXNe	@9jXjd	@RR9X3	NXR3	@yXRj	@yXyd	@yXRd	@yXRR	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
T `X	9X8N	kX9N	jXkN	yX98	@j9X99	yXyj	yXy9	yXR8	yXyN	yXRe	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
J v	RjXNd	9X3N	@jXyN	@kNXk8	@Rk8X9	3Xk8	yXRk	yXRy	yXyR	@yXyk	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
CmMX	jXy3	kXNj	RkXd9	RNXjj	@8X9e	yXk3	yXRe	yXkk	yXkk	yXk9	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
CmHX	@jX9R	@NXRy	@k9XR9	@93Xd8	@deXN3yXyj	@yXy9	@yXRe	@yXk3	@yXk9		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
m;X	eX9R	RkXR8	yX3d	@9XN3	@e8XkNyXkk	yXkj	yXyd	yXyk	yXRj		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
a2TX	kXe8	@8XRR	8Xe3	@keX3R	@RRyX3	@yXyk	@yXyj	@yXRy	@yXR9	@yXky	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV

*QM iBm2/ QM M2ti T ;2XXX

h #H2 X8 U*QMiBMm2/V

JQ/2Hb BM H2p2H

GQ;@HQ; KQ/2Hb

h #H2 X8 U*QMIBMm2/V

Zm MiBH2b	JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb					
	Ry	k8	8y	d8	Ny	Ry	k8	8y	d8	Ny	
`iB+H2 Q`/2`4	UXV	UXV	UXV	UXV	UXV	UXV	UXV	UXV	UXV	UXV	
ReX3d@NXdk kdXkN	@jyXjR	@eyXy3	@yXjR	@yXR	NyXyj	@yXyd	@yXR9				
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4j	@8Xy9	kkXde	jyXjk	@kyXj3	eXke	yXy3	yXkk	yXy9	@yXy8	@yXy8	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@NX3R	yXR8	RyXd8	@8jX38	@RRkX3	@yXye	@yXy9	@yXy8	@yXkR	@yXR9	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@R8Xed	@RyXkRkX8e		@j3X3R	@38Xke	@yXkd	@yXR3	@yXy9	@yXRj	@yXRd	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@kNX39	@R3Xy8	@9X98	@3eXyR	@ddXjN	@yX8k	@yXjy	@yXRj	@yXjj	@yXRy	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@jRX99	@kkX99	@RRXky	@RydXy	@kyjXy9	@yX8j	@yXj9	@yXRe	@yXjj	@yX8j	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@3Xyd	@RXey	NXk9	@d8XjR	@RyNX3	@yXyk	@yXy8	@yXy3	@yXkd	@yXR3	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	@RkXd8	@R9Xky	@kkXeR	@dkXd9	@e3X8d	@yXRk	@yXy3	@yXkd	@yXkd	@yXyj	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	Ry	@RkXj	@RkXdN	@Ry8XR	@3RXky	@yX9y	@yXkR	@yXRj	@yX9j	@yX98	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	RR	@RNkXed	RX3d	@eeX9y	@R88X3	@yXk8	@yXke	@yXRR	@yXjj	@yXjj	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	Rk	@kRkR	@Nj8Xjy	@NRXeN	@R8yX8j	@yXj9	@yXkN	@yX9R	@yXj3	@yXey	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	Rj	@yRkXed	@RNXky	@Ry3Xy	@R9dXd	@yXkR	@yXkR	@yXjd	@yX83	@yX88	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	R9	@kRkXyd	@kRX83	@d9X9R	@R8dXjN	@yXd3	@yX8j	@yX9R	@yX9k	@yXky	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	R8	@kRkXed	@R9X8y	@e9XR3	@kyyXy	@yXj3	@yXkR	@yXR8	@yXjR	@yX8N	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	R	@kX9R	RXe3	kXk9	@89XNR	@R9jXeR	Xj8	@yXyy	yXjR	@yXy9	@yXk3
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	
`iB+H2 Q`/2`4	Rd	@kRkX83	@jyX9d	@deX9y	@RNyXjR	@yXRj	@yXjk	@yXkN	@yXj3	@yXey	
UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	

p6

h #H2 X8 U*QMIBMm2/V

Zm MiBH2b	JQ/2Hb BM H2p2H					GQ;@HQ;KQ/2Hb				
	Ry	k8	8y	d8	Ny	Ry	k8	8y	d8	Ny
`iB+H2 Q`/2`4R3	@yX883	@RjXdR	@kyX3y	@RNXdY	@yX38	@yXdk	@yXkk	yXyk	yXkj	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4RN	@kX99	@kX3d	@eeXrj	@3jX3R	@yXyj	yXky	yXRe	@yXRN	@yX9e	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4ky	@RNR83	@R8XNR	@jdXky	@3eXy3yXRj	@yXRyy	XyN	yXR8	@yXRk		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4kR	@PRX8e	@j9XeR	kjXe3	jk3Xek	yXyy	@yXyd	@yXkj	yXeN	yX98	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4kk	@3Xrdj	@R8XNe	@33XNR	@R8eXN	@yXjy	@yXRk	@yXk9y	XyR	yXRy	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4kj	jyRkX9d	@9XR9	@R89Xy	@RN9XR8X83	yX9y	yXky	@yXRR	@yXjj		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4k9	@9XR3	@33XeR	@RjdXd3	@R88Xe	@yXRj	@yXjN	@yXj9	@yXj8	@yXNj	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4k8	@9XeR	@99XNy	@8eX9y	@kNXyd	@yXdy	Xk9	RX9R	yX8k	yXk8	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4ke	@RNR	@9kXkN	@kR8XjN	@RejXR9	XyN	yXN9	yX9j	@yXRj	@yX99	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4kd	@RyXjk	@deXjk	@j8XNj	@kRyXR9	Xee	yX8y	@yXje	@yXjN	@RX99	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
`iB+H2 Q`/2`4k3	dj8XkR3	8yXkR	@dyXNk	@j3eX89kXkd	kXky	RXd3	yXdd	@yXR8		
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô ô	@ReX9e	@RNXd3X88	@k9X8R	@R8RXj	@yXje	@yXjR	@yXky	XR9	@yXj3	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô#ô	@k3Xyy	@R8XeR	@jeXe9	@RyyXkR3NyX83	@yXR9	@yX8N	@yX99	@yX9Ry	XeR	
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô+ô	@RRXN	@ReXy3	@k8X3j	@kyXRd	@jeXe9	@yXkR	@yXky	@yXR9	@yXRR	@yXyN
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô/ô	@9Xkj	@dXR8	@R8Xke	@jeX8k	@83XjN	@yXy9	@yXRy	@yXR8	@yXRd	@yXR9
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô2ô	jXyd	jXy8	jjX98	d8X8k	R8kXj3	yXRj	yXy8	yXRe	yXjj	yXjy
	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
C2H +Q/2 ô7ô	kyXRN	R3Xk3	k9XNe	8RX98	dyXkj	yX9k	yXj3	yXkk	yXkR	yXRk

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 X8 U*QMiBMm2/V

h #H2 X8 U*QMiBMm2/V

Zm MiBH2b	JQ/2Hb BM H2p2H					GQ;@HQ; KQ/2Hb				
	Ry	k8	8y	d8	Ny	Ry	k8	8y	d8	Ny
>B;?2bi +Bi iBQM Q7 kR8Mjy9kX89	NRX9y	kRjXNN	yXjN	yX9N	yX9R	yX93	yXdk			
mi?Q`b BM [mBMiBH2 9	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
>B;?2bi +Bi iBQM Q7 9dXZ99 RyjXe3	R8NXR39kdXN8	yX8R	yXek	yXed	yXed	yXNN				
mi?Q`b BM [mBMiBH2 8	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
*QMbi Mi	8yXNy	R9X9k	e8X9y	jRyX9R	8kRXe3	RXe8	RX3j	RX3N	9XR3	8Xyd
L	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV	UyXyyV
Sb2/Q _	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR
	yXRy	yXRk	yXRd	yXkR	yXjR	yXjR	yXk8	yXk9	yXkj	yXke
LQi2_272`2M+2 + i2;Q`v, CQm`M H@ 1_- u2 `@kyRy- JQMi?@C Mm `v- `iB+H2 ivT2@_2;mH `X										
p lyXRy p lyXy8- p lyXyRX										

h #H2 Xe U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
LmK#2`Q7		edX3N	8XkN		yXj8	yXy3
+Q mi?Q`b4j		UR3X8yV		URNXyjV	UyXydV	UyXydV
LmK#2`Q7		38XRe	RRXee		yX9R	yXRj
+Q mi?Q`b49		UkeXk9V	UkeXjyV		UyXRyV	UyXRyV
LmK#2`Q7		ReRXe3	e9Xke		yXe8	yXkd
+Q mi?Q`b48		U83Xy9V	U83X93V		UyXReV	UyXReV
hBiH2 H2M;i?4R		yXyy	yXyy		yXyy	yXyy
		UXV	UXV		UXV	UXV
hBiH2 H2M;i?4k		33X3k	8RXeR		@yXy9	@yXkR
		URReXeyV	URyyX3d		MyXjeV	UyXjjV
hBiH2 H2M;i?4j		39XNe	8jXj8		yXyy	@yXR9
		URkyXejV	URy8XjeV		UyXj8V	UyXjjV
hBiH2 H2M;i?49		RR3XNN	3jX89		yXRN	@yXyj
		URReXk8V	URyRX3y		MyXj8V	UyXjjV
hBiH2 H2M;i?48		RkyXj9	3jXRd		yXRd	@yXyj
		URR3XNkV	URyjX9R		MyXjjV	UyXjRV
hBiH2 H2M;i?4e		R9jX3R	RydXN8		yXke	yXy8
		URR9X9RV	UN3XNd		MyXjjV	UyXjkV
hBiH2 H2M;i?4d		R9NXk3	RRRX8y		yXjy	yXyd
		URR3Xk3V	URykX9e		MyXjjV	UyXjkV
hBiH2 H2M;i?43		Rk8XRk	3NX89		yXR9	@yXy9
		URkRX88V	URy8Xdy		MyXjjV	UyXjkV
hBiH2 H2M;i?4N		R8eX39	RkyXRR		yXke	yXye
		URRNXj8V	URyjX83		MyXj9V	UyXjkV
hBiH2 H2M;i?4Ry		R9eX88	RRyX8j		yXj8	yXRj
		URkkX9NV	URyeX89		MyXjjV	UyXjkV
hBiH2 H2M;i?4RR		RjdXjN	Ry8Xye		yXjj	yXR9
		URRdXNNV	URykXdK		MyXj9V	UyXjjV
hBiH2 H2M;i?4Rk		RRRXed	dkXeR		yXkR	@yXyR
		URR8XyRV	URyyXy3		MyXjjV	UyXj8V
hBiH2 H2M;i?4Rj		Rj9Xky	NyX98		yXkd	yXyk
		URRNXk9V	URykX89		MyXj9V	UyXjjV
hBiH2 H2M;i?4R9		Rd8X3N	Rk9XkR		yXky	@yXy3
		URkdXjkV	URRjXkR		MyXj9V	UyXj9V
hBiH2 H2M;i?4R8		kjkXyN	R3kXNN		yX9j	yXR9
		URjNXy8V	URkNXjjV		UyXjeV	UyXj3V
hBiH2 H2M;i?4Re		Rj3Xyj	N9X9k		yX9k	yXRN
		URRNXReV	URyjX9j		MyXj8V	UyXjeV
hBiH2 H2M;i?4Rd		R3eX3j	R9kXd9		yX9R	yXRy
		URj8XR9V	URk8Xyk		MyXjjV	UyXjdV
hBiH2 H2M;i?4R3		98X3e	jRXyd		yXRk	@yXy8
		URkjXRjV	URRyX9N		MyXj3V	UyXj3V
hBiH2 H2M;i?4RN		8jXe3	RRXNN		yXyk	yXRj
		URkjX8jV	URRkXjeV		UyXj3V	UyXjdV
hBiH2 H2M;i?4ky		kRXyN	jRXyy		yXRy	@yXR8
		URjRXk3V	URRNX3N		MyXjdV	UyX9jV
hBiH2 H2M;i?4kR		Ry99XyN	RyRdX3y		kX33	kXdN
		URkjXRNV	URRRXe3		MyX9yV	UyX9kV

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 Xe U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
hBiH2 H2M;i?4kk		dNXkR	88X3N		yXdj	yXjy
`iB+H2 Q`/2`4R		URkNXR8V	URRRX9N		yXjeV	UyXjdV
`iB+H2 Q`/2`4k		yXyy	yXyy		yXyy	yXyy
`iB+H2 Q`/2`4j		UXV	UXV		UXV	UXV
`iB+H2 Q`/2`49		@jkXN3	@kkXNy		@yXyN	@yXy9
`iB+H2 Q`/2`48		Uj8XNjV	Uj8XyyV		UyXRyV	UyXyNV
`iB+H2 Q`/2`4e		@kX3N	9Xj9		yXy8	yXyN
`iB+H2 Q`/2`4d		UjdXk3V	UjeXkyV		UyXRRV	UyXRyV
`iB+H2 Q`/2`43		@93XNN	@j3Xye		@yXRj	@yXyN
`iB+H2 Q`/2`42		Uj9X8NV	UjjXyNV		UyXRRV	UyXRyV
`iB+H2 Q`/2`41		@9kX3N	@k9XeR		@yXky	@yXRk
`iB+H2 Q`/2`40		Uj9Xe8V	Uj9X83V		UyXRkV	UyXRRV
`iB+H2 Q`/2`39		@RyNXN	@NyX8R		@yXjR	@yXkN
`iB+H2 Q`/2`38		UjdXNeV	UjdXRdV		UyXR9V	UyXRjV
`iB+H2 Q`/2`37		@RkdX9N	@RRyXyR		@yX99	@yXj8
`iB+H2 Q`/2`36		Uj8Xe9V	Uj9X93V		UyXRjV	UyXRkV
`iB+H2 Q`/2`35		@RykXRj	@d9Xk9		@yXkd	@yXRN
`iB+H2 Q`/2`34		Uj3XyeV	UjeXj9V		UyXRjV	UyXRkV
`iB+H2 Q`/2`33		@d8Xy9	@89Xk8		@yXjy	@yXky
`iB+H2 Q`/2`32		U9yX3yV	UjNXkyV		UyXR8V	UyXR9V
`iB+H2 Q`/2`31		@RkNXR	@Ry9X8k		@yXjN	@yXjy
`iB+H2 Q`/2`30		U9yXe8V	UjNXkkV		UyXR9V	UyXR9V
`iB+H2 Q`/2`29		@RR9Xjk	@38X9N		@yXj9	@yXk8
`iB+H2 Q`/2`28		UjjXN3V	UjjXj8V		UyXR8V	UyXR8V
`iB+H2 Q`/2`27		@R8yX8	@RR9Xyk		@yX88	@yX9R
`iB+H2 Q`/2`26		UjeXjjV	Uj8X33V		UyXR9V	UyXR9V
`iB+H2 Q`/2`25		@RkeXN	@RyjXNk		@yX9y	@yXje
`iB+H2 Q`/2`24		Uj3X8yV	Uj8XjNV		UyXR8V	UyXR9V
`iB+H2 Q`/2`23		@R9NXR	@RykX3y		@yX8N	@yX8y
`iB+H2 Q`/2`22		U8RX8NV	U93Xy3V		UyXkkV	UyXkRV
`iB+H2 Q`/2`21		@R89XR	@RkRXde		@yX9e	@yXjd
`iB+H2 Q`/2`20		U9eXeyV	U99XyeV		UyXRNV	UyXRNV
`iB+H2 Q`/2`19		@RyeXyR	@e3Xy9		@yXyR	yXRj
`iB+H2 Q`/2`18		U89XyeV	U8jXk9V		UyXk9V	UyXk9V
`iB+H2 Q`/2`17		@R9eX3	@Rj8X9N		@yXj3	@yXjd
`iB+H2 Q`/2`16		U9jX3kV	U9RXkNV		UyXjyV	UyXkeV
`iB+H2 Q`/2`15		@3RXky	@8yXjk		@yXke	@yXR8
`iB+H2 Q`/2`14		Ud9Xk3V	UdyX39V		UyXjjV	UyXjRV
`iB+H2 Q`/2`13		@RyNX98	@eeX9y		@yXy8	yXyk
`iB+H2 Q`/2`12		Ue9X9RV	UejXykV		UyXR3V	UyXRNV
`iB+H2 Q`/2`11		@NjXN9	@8NXeR		@yXk9	@yXyd
`iB+H2 Q`/2`10		UekXRdV	U8fP°		UyXkRV	

h #H2 Xe U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
`iB+H2 Q`/2`4k9	@kyRXyj@	ReNXRj	@yXjd	@yXje		
	U8yXReV	U8dX33V	UyXkNV	UyXkNV		
`iB+H2 Q`/2`4k8	@Ry9Xj3	@dyXeR	yXjj	yXR9		
	URyRXyyV	URRRXdeU	UyX8eV	UyX88V		
`iB+H2 Q`/2`4ke	@RddX8@	R8kXd3	yXjy	yXRj		
	UeNXkyV	Ue3X3eV	UyX8NV	UyX88V		
`iB+H2 Q`/2`4kd	@Rd3X8N@	RyRX8R	@yXjy	@yX9R		
	UeRXN9V	Ue8X3jV	UyXj3V	UyX99V		
`iB+H2 Q`/2`4k3	@RedXNN	@RR8XR	RRXR3	RXkk		
	URy9XeNV	URyRXk8V	UyXjdV	UyX9yV		
C2H +Q/2 ô ô	@RRjX89@	eNXed		@yXyN		
	U8dXkRV	U8NXeNV		UyXk3V		
C2H +Q/2 ô#ô	9yeXR9	jNNXNN		@yXk9		
	U9ejXe9V	U9jdXj3V		UyX8NV		
C2H +Q/2 ô+ô	@jjXjR	@j3XkN		@yXkR		
	URNXkRV	URNX98V		UyXyNV		
C2H +Q/2 ô/ô	@j3X99	@jyXeR		@yXR9		
	UR3XyyV	URdX8kV		UyXy8V		
C2H +Q/2 ô2ô	edXyN	ekX8R		yXRN		
	UkNXkdV	UkNX3RV		UyXyNV		
C2H +Q/2 ô7ô	8yXRd	9dX9k		yXkd		
	UjyX9kV	UjRXd3V		UyXRyV		
C2H +Q/2 ô;ô	RjXe3	NX9j		@yXyN		
	UkyX8eV	UkyXNRV		UyXyNV		
C2H +Q/2 ô?ô	@yXjR	NX9y		@yXy9		
	UkNXd9V	Uk3XNyV		UyXydV		
C2H +Q/2 ôBô	eX83	RjXdj		yXk8		
	Uk8XRRV	Uk8Xk8V		UyXyNV		
C2H +Q/2 ôDô	@yXNN	@9X88		yXyj		
	UkyXy9V	UR3X8NV		UyXydV		
C2H +Q/2 ôFô	@deXkk	@e8Xdy		@yXj3		
	UkeX3yV	Uk8XRyV		UyXRRV		
C2H +Q/2 ôHô	3X3N	RyXkR		yXRk		
	UkyX9dV	URNX3yV		UyXy3V		
C2H +Q/2 ôKô	j9Xkk	jeXyd		yXkj		
	UjRX89V	UjkX9NV		UyXRjV		
C2H +Q/2 ôMô	P•€•0`	UyXy8V				

h #H2 Xe U*QMIBMm2/V

JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
URV	UkV	UjV	U9V	U8V	UeV
>B;?2bi +Bi iBQM Q7		@RNeXd3			@yXN9
mi?Q`b KBbbBM;		UkjXe9V			UyXRRV
>B;?2bi +Bi iBQM Q7		kdXNR			yXR8
mi?Q`b BM [mBMiBH2 k		URjXkyV			UyXy3V
>B;?2bi +Bi iBQM Q7		dkXjN			yXj8
mi?Q`b BM [mBMiBH2 j		UR3XjjV			UyXy3V
>B;?2bi +Bi iBQM Q7		39Xe9			yX9e
mi?Q`b BM [mBMiBH2 9		URNX9yV			UyXy3V
>B;?2bi +Bi iBQM Q7		RedX9R			yXe8
mi?Q`b BM [mBMiBH2 8		Uk9XkeV			UyXyNV
*QMbi Mi	8RXdy	ejXy8	8eX8d	RXekXye	kXe3

h #H2 Xd,

h #H2 Xd U*QMIBMm2/V

JQ/2Hb BM H2p2H

h #H2 Xd U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
CS1 kyRk CmMX		UjyXkdV	UjyXdkV	UyXRyV	UyXRyV	
		@j8jX9k@jRRXNN		@RXyd@yXN9		
CS1 kyRk m;X		Uj9Xy9V	Uj9XeeV	UyXRkV	UyXRkV	
		@jj9XRd@k3jXdy		@RXyd@yX3j		
CS1 kyRk P+iX		UjkXRRV	UkNXN3V	UyXRRV	UyXRRV	
		@9RkX9@jkRX83		@RX8d@RXky		
CS1 kyRk .2+X		UjRXN8V	UjkX9yV	UyXRRV	UyXRRV	
		@jRyX8k@ke3X3k		@RXy9@yXNy		
CS1 kyRj 62#X		UjkX3NV	UjkX8kV	UyXRRV	UyXRRV	
		@jyRX8R@k89XNN		@RXy9@yXNk		
CS1 kyRj T`X		UjRXe9V	Uj9X9jV	UyXRRV	UyXRkV	
		@kk9X8M@ReNXjk		@yX93@yXj9		
CS1 kyRj CmMX		UjeXRkV	UjdXNdV	UyXRkV	UyXRjV	
		@jRRXR@kdeXje		@RXjy@RXRe		
CS1 kyRj m;X		UjkXNjV	UjkXNRV	UyXRRV	UyXRkV	
		@j8yXk8@k3eX8d		@kXR9@RX3d		
CS1 kyRj P+iX		UjdX9eV	UjeXdyV	UyXR9V	UyXR9V	
		@j93XN9@kddXe8		@RXjd@RXRy		
CS1 kyRj .2+X		Uj9X83V	Uj9XNyV	UyXRkV	UyXRkV	
		@j3RX93@kNkXjN		@RX88@RXkj		
CS1 kyR9 62#X		UjRX8dV	Uj9X99V	UyXRkV	UyXRjV	
		@jkNXee@k9R XR3		@yX3e@yX8j		
CS1 kyR9 T`X		UjRX9NV	UjkXejV	UyXRRV	UyXRkV	
		@jNNXy@jkdXj8		@RX9y@RXRR		
CS1 kyR9 CmMX		UjeXNRV	UjdXjRV	UyXRjV	UyXRjV	
		@jkeXke@k9kX3y		@yX3R@yX8y		
CS1 kyR9 m;X		UjdX8RV	UjeXNeV	UyXRjV	UyXR9V	
		@999XN@9RdXjj		@kXy8@RXN8		
CS1 kyR9 P+iX		Uj9XNdV	Uj9XNjV	UyXRkV	UyXRkV	
		@jejXe3@j9NXej		@RXjR@RXjy		
CS1 kyR9 .2+X		UjjXeyV	UjjX89V	UyXRRV	UyXRRV	
		@jRyXRj@ke8XkN		@yXdj@yX88		
ZC1 kyRy 62#X		UjkX3yV	UjjXk8V	UyXRkV	UyXRjV	
		eyX9d NeX8d		@yXye	yXyd	
ZC1 kyRy J v		UjyX8yV	UjyXN3V	UyXRRV	UyXRRV	
		@RReXN@39XRk		@yXRe@yXye		
ZC1 kyRy m;X		UkdXkNV	UkdXeeV	UyXyNV	UyXyNV	
		RXy3 jNXNj		@yXRk	yXyy	
ZC1 kyRy LQpX		UkNX3RV	UkNXeeV	UyXRkV	UyXRRV	
		RNXde jRXRj		@yXRy	@yXyN	
ZC1 kyRR 62#X		UjjX89V	UjkXN8V	UyXRRV	UyXRRV	
		39X9k Ry8XN9		yXyR	yXye	
ZC1 kyRR J v		UkkXR3V	UkkXe8V	UyXyNV	UyXyNV	
		@R98Xk@RkkX8e		@yXjk @yXkk		
ZC1 kyRR m;X		Uk8Xe3V	Uk8XeNV	UyXRyV	UyXyNV	
		@RjRXy3@N3Xkd		@yXRN@yXye		
ZC1 kyRR LQpX		UkkXRdV	UkRXk3V	UyXy3V	UyXy3V	
		@kkXde RdX9R		@yXRy	yXyk	

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 Xd U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
ZC1 kyRk 62#X		URdXk8V	URdXNdV	UyXy3V	UyXy3V	
		@3eXkR@38XkN		@yXk3@yXk3		
ZC1 kyRk J v		Uk9XyyV	Uk9X3kV	UyXyNV	UyXyNV	
		@kekX33@kRNXjk		@yXd3@yXej		
ZC1 kyRk m;X		UkeXRyV	Uk9X3jV	UyXyNV	UyXyNV	
		kyXjd k3X9j		@yXRj @yXR8		
ZC1 kyRk LQpX		Uk9XyyV	Uk9XeRV	UyXy3V	UyXyNV	
		@kekXN@kd9X9e		@RXkj@RXke		
ZC1 kyRj 62#X		UkRX3jV	UkjXjdV	UyXy3V	UyXy3V	
		@RedXk@Re8Xke		@yXey@yXey		
ZC1 kyRj J v		UkeXydV	UkjX38V	UyXRyV	UyXRyV	
		@kddXyk@k8eXR8		@yXdd@yXdj		
ZC1 kyRj m;X		UkjXk8V	UkjXy3V	UyXyNV	UyXyNV	
		@kjdXd3@R33Xj8		@yXN9@yXde		
ZC1 kyRj LQpX		Uk8X98V	UkeX8RV	UyXyNV	UyXRyV	
		@kkdX83@R38Xjy		@yXek@yX9d		
ZC1 kyR9 62#X		UjyXeNV	UjRXyRV	UyXyNV	UyXyNV	
		@Rk3Xje@dkXdj		@yX9j @yXkk		
ZC1 kyR9 J v		UjyXe3V	UjyXRjV	UyXyNV	UyXRyV	
		@kdkXN@kkRXY9		@yXeN@yX8k		
ZC1 kyR9 m;X		UjyXdkV	Uk3XjdV	UyXyNV	UyXRyV	
		@kNRX3@k83XRN		@yXdd@yXe9		
ZC1 kyR9 LQpX		Uk9XkkV	UkjX8eV	UyXRyV	UyXyNV	
		@RedXke@RjyX83		@yX9j @yXkd		
1* kyRy C MX		UejX3yV	UekXe8V	UyXyNV	UyXyNV	
		@RR3XR@3jXyR		@yX93@yXjk		
1* kyRy J `X		UkdX83V	UkeXd3V	UyXyNV	UyXyNV	
		@k8RX9@R39X8N		@yXd8@yX8y		
1* kyRy J v		UkdXjyV	Uk3XdNV	UyXyNV	UyXyNV	
		@R83Xd@NjXye		@yXe3@yX99		
1* kyRy CmHX		UkdX9RV	Uk3X98V	UyXyNV	UyXRyV	
		@kyNXN@R98Xdy		@yX33@yX8N		
1* kyRy a2TX		UkdXy8V	Uk8XeyV	UyXyNV	UyXyNV	
		@jjkXNk@jydX8j		@RX8e@RX9N		
1* kyRy LQpX		Uk3X93V	Uk3XdeV	UyXyNV	UyXRyV	
		@kydXe@RekXjN		@yXe8@yX8y		
1* kyRR C MX		Uk8Xd8V	UkeX98V	UyXy3V	UyXyNV	
		@ddXjR @99X8e		@yXyR yXyd		
1* kyRR J `X		Uk3XjRV	Uk3X9dV	UyXRRV	UyXRyV	
		@kjyXeR@RN3X9j		@yXNk@yX3j		
1* kyRR J v		UkNXNNV	UkNXydV	UyXRRV	UyXRRV	
		@edXdk @jNXde		@yXk9@yXRN		
1* kyRR CmHX		UjyX9kV	UjkXydV	UyXyNV	UyXyNV	
		@ke9XN@RdjXd9		@yXe9@yXkd		
1* kyRR a2TX		UjyXkjV	UjyXNkV	UyXRRV	UyXRRV	
		@RyyX9j@8dXy3		@yXj3 @yXke		
1* kyRR LQpX		UkeXNjV	Uk3XeNV	UyXyNV	UyXyNV	
		@k33X8y@k8RXek		@yX33@yXd9		

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 Xd U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ;KQ/2Hb

	URV	UkV	UjV	U9V	U8V	UeV
1* kyRk C MX		UjyXdeV	UkNX8yV	UyXRRV	UyXRRV	
1* kyRk J `X		@jJdXj9 @k3yXR8		@RX9k@RXRd		
1* kyRk J v		UkdX8NV	UkeXN9V	UyXRyV	UyXRyV	
1* kyRk CmHX		@kedXR@kk8X9d		@yXNR@yXde		
1* kyRk a2TX		UkdXyyV	UkdXj8V	UyXyNV	UyXyNV	
1* kyRk LQpX		@k89X3@kRyXyd		@yX3d@yXdR		
1* kyRj C MX		UkeXeyV	UkdXekV	UyXRyV	UyXRyV	
1* kyRj J `X		@jkdXjj @kN8Xj8		@RX9k@RXjy		
1* kyRj J v		UkeX3kV	UkeXdyV	UyXyNV	UyXyNV	
1* kyRj CmHX		@kk3X98@RdyX99		@RXR9@yX3N		
1* kyRj a2TX		Uk8XN8V	Uk8XjyV	UyXyNV	UyXyNV	
1* kyRj LQpX		@RdNXk@R93X9R		@yX8R@yX9j		
1* kyR9 C MX		UkdX9dV	UkNXkNV	UyXyNV	UyXyNV	
1* kyR9 J `X		@k8NXk@RNyXyN		@yXNk@yXe9		
1* kyR9 J v		Uk3XeRV	UjyXydV	UyXRRV	UyXRkV	
1* kyR9 CmHX		@kjNXdd@RedX89		@yX9d @yXRN		
1* kyR9 a2TX		UjdX9dV	UjdXedV	UyXRkV	UyXRjV	
1* kyR9 LQpX		@kkyXNy@RjNX3j		@yX9e @yXR8		
1* kyR9 C MX		UkeXNyV	Uk3XjeV	UyXRRV	UyXRRV	
1* kyR9 J `X		@k8RX9@RN3XR3		@RXyd@yX33		
1* kyR9 J v		Uk3XdjV	UkNXydV	UyXRRV	UyXRRV	
1* kyR9 CmHX		@kejXNk@kRkXR8		@yX3R@yXey		
1* kyR9 a2TX		Uk3X3eV	UkNX33V	UyXRjV	UyXRjV	
1* kyR9 LQpX		@keNXk@kyyX99		@RXyR@yXdd		
1* kyR9 C MX		UjyXReV	UjRXeyV	UyXRRV	UyXRRV	
1* kyR9 J `X		@keeXR@kR3Xyy		@RXR@yXN9		
1* kyR9 J v		UkNXdyV	UkNXd3V	UyXRkV	UyXRkV	
1* kyR9 CmHX		@jeRXe9@kNyXNy		@RXek@RXj8		
1* kyR9 a2TX		UjRXk8V	UjRXe9V	UyXRkV	UyXRkV	
1* kyR9 LQpX		@j9yXN9@k3eXk8		@RXR@yXNR		
1* kyR9 C MX		UkNX3kV	UkNXeeV	UyXRkV	UyXRjV	
1* kyR9 J `X		@kekXde@kRjXNy		@yX3y@yXe8		
1* kyR9 J v		UjyXyRV	UjRXkyV	UyXRkV	UyXRkV	
1* kyR9 CmHX		@jk8X8d@keyXej		@RXye@yX3k		
1* kyR9 a2TX		UjyX8eV	UjyX33V	UyXRkV	UyXRkV	
1* kyR9 LQpX		@R88Xy9@NyXek		@yX3k@yX8e		
1a kyRy C MX		UjkXRRV	UjRX98V	UyXRRV	UyXRRV	
1a kyRy T `X		@kkkX9j@R3RXdN		@yXN9@yX3k		
		Uk8X33V	UkdX8NV	UyXyNV	UyXyNV	
		@RN3X8R				

h #H2 Xd U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ;KQ/2Hb

	URV	UkV	UjV	U9V	U8V	UeV
_1a kyRR CmHX		URNXNyV	UkRXRNW	UyXy3V		UyXy3V
		@k9RX8@R3jXNy		@yXde@yX89		
_1a kyRR P+iX		URdXjNV	URNXNyV	UyXydV		UyXy3V
		@RNNX3@R93Xkd		@yXN3@yX3k		
_1a kyRk C MX		URdX88V	URNX3dV	UyXydV		UyXy3V
		@Re8X8@RjeXRj		@yX8R@yXjN		
_1a kyRk T`X		UR3X9yV	URNXRdV	UyXydV		UyXydV
		@ReyXy@RkNX38		@yX93@yXj3		
_1a kyRk CmHX		URjX8NV	UR9XdNV	UyXy8V		UyXyeV
		@RdNX9@R9RXky		@yXNe@yX3j		
_1a kyRk P+iX		UR3XdeV	URNX8kV	UyXydV		UyXydV
		@jyeXNk@k8yXNk		@RX9y@RXkk		
_1a kyRj C MX		UkRXdkV	UkkXkkV	UyXyeV		UyXydV
		@kNyX8@kj8XR8		@RXkN@RXye		
_1a kyRj T`X		UR3XkjV	UkyXR9V	UyXydV		UyXydV
		@kjkX98@RNjXNy		@yXdy@yX8d		
_1a kyRj CmHX		URNX3eV	UkyX8eV	UyXyNV		UyXyNV
		@jyX9k@keeX89		@RXR8@yXNk		
_1a kyRj P+iX		UkyXkNV	UkjX98V	UyXydV		UyXy3V
		@R9jXN8@3NX3d		@yX8y@yXkN		
_1a kyR9 C MX		URdX3eV	UR3Xd3V	UyXydV		UyXydV
		@kNRXd@k9yXy9		@RXRy@yXNR		
_1a kyR9 T`X		UkjXjRV	UkjXjRV	UyXy3V		UyXy3V
		@k8NXk@RNeXRy		@yXNk@yXe3		
_1a kyR9 CmHX		UkjX9NV	Uk9XyNV	UyXyeV		UyXydV

h #H2 Xd U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
hBiH2 H2M;i?49		URj9XkyV	URRyX38	WyXjjV		UyXk8V
		NkX8N	9dXRR	yXRd		@yXyk
hBiH2 H2M;i?48		URkdXjjV	URy8XykV	UyXjkV		UyXk8V
		NeXdk	8yXkd	yXR8		@yXy9
hBiH2 H2M;i?4e		URjyXdRV	URyeXde	WyXjRV		UyXk9V
		Ry8XyR	83Xy9	yXRd		@yXyR
hBiH2 H2M;i?4d		URk9X9kV	URyyXj8	WyXjRV		UyXk9V
		RRjXkd	e9XyR	yXk9		yXy8
hBiH2 H2M;i?43		URkNXkyV	URy9XNe	WyXjkV		UyXk9V
		N3XyN	8yXNR	yXRR		@yXyd
hBiH2 H2M;i?4N		URjjXd9V	URyNXdjV	UyXjkV		UyXk9V
		RjkX8d	38XR3	yXk8		yXye
hBiH2 H2M;i?4Ry		URjyXRkV	URyeXyy	WyXjjV		UyXk9V
		Ry9X39	8eX3d	yXk3		yXyN
hBiH2 H2M;i?4RR		URjkXdyV	URy3Xe8	WyXjjV		UyXk8V
		Ry9Xy8	ekX9d	yXjR		yXR9
hBiH2 H2M;i?4Rk		URkNX89V	URyeXkd	UyXjkV		UyXk8V
		edXj3	RjX3R	yXRj		@yXy3
hBiH2 H2M;i?4Rj		URk9Xj8V	URyRXk8	WyXjkV		UyXkdV
		RyjX3e	9NXNj	yXkR		@yXyy
hBiH2 H2M;i?4R9		URkNXejV	URy9XN3	WyXjjV		UyXk8V
		R9kXkj	3RXky	yXR8		@yXRR
hBiH2 H2M;i?4R8		URj3XRdV	URR8X8k	UyXj9V		UyXkdV
		kR3X8N	R8kXke	yX93		yXRN
hBiH2 H2M;i?4Re		UR8yX83V	URj9XRd	UyXjeV		UyXjkV
		RykX8d	8jXdK	yXjj		yXR9
hBiH2 H2M;i?4Rd		URkdXNjV	URyjXe3	UyXjeV		UyXkNV
		RkNXjj	dkX9k	yXk3		yXy9
hBiH2 H2M;i?4R3		UR9RX8yV	URkeXe8	UyXkNV		UyXjjV
		jeXdj	9X8y	yXyk		@yXyN
hBiH2 H2M;i?4RN		URjNXNyV	URk3XyN	UyX9RV		UyX9RV
		RNXyk	@kjXkR	yXke		yXRy
hBiH2 H2M;i?4ky		URj8X8eV	URReXNy	UyXjdV		UyXkNV
		@j8X33	@9dXk3	@yXj9		@yXj3
hBiH2 H2M;i?4kR		UR9kXykV	URkkXNR	UyX9kV		UyXjNV
		Ry98X8d	NNNX38	jXj9		jXRR
hBiH2 H2M;i?4kk		URjjX88V	URRRX99	WyXj8V		UyXjyV
		RjRX9d	NyX3e	RXy9		yX3k
`iB+H2 Q`/2`4R		UR9dX9dV	URkjX9N	UyXj3V		UyXjyV
		yXyy	yXyy	yXyy		yXyy
		UXV	UXV	UXV		UXV
`iB+H2 Q`/2`4k		@jjXyk	@kjXyR	@yXy3		@yXy9
		UjdX93V	UjeXjdV	UyXRyV		UyXRyV
`iB+H2 Q`/2`4j		@kXjy	9Xe8	yXye		yXRy
		Uj3X8NV	UjdX8jV	UyXRRV		UyXRyV
`iB+H2 Q`/2`49		@9dXjk	@jeX3e	@yXR8		@yXyN
		UjeXjNV	Uj8XyyV	UyXRRV		UyXRyV
`iB+H2 Q`/2`48		@9RXek	@kjX99	@yXkR		@yXRj

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 Xd U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV Ukv UjV U9V

h #H2 Xd U*QM iBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

C2H +Q/2 ô#ô	UdRXykV	UdkXkNV	UyXk3V	UyXk3V
C2H +Q/2 ô+ô	jddX9R	jejXeN	@yX9e	@yX9e
C2H +Q/2 ô/ô	U9NNXdNV	U9dyXjdV	UyXdjV	UyXeRV
C2H +Q/2 ô2ô	@j8Xey	@jNXky	@yXkk	@yXkk
C2H +Q/2 ô7ô	UkyX3NV	UkRXyjV	UyXRyV	UyXyNV
C2H +Q/2 ô;ô	@jeXky	@kdXNd	@yXR3	@yXR8
C2H +Q/2 ô?ô	URNXdNV	UR3X3kV	UyXyeV	UyXy8V
C2H +Q/2 ôBô	e3Xj8	ekXd9	yXkk	yXky
C2H +Q/2 ôDô	UjjX9eV	UjjX88V	UyXRyV	UyXRyV
C2H +Q/2 ôFô	98X9j	9jXjR	yXk8	yXkk
C2H +Q/2 ôHô	UjjX8dV	Uj8X83V	UyXRRV	UyXRyV
C2H +Q/2 ôKô	RNXN3	R9Xe3	@yXye	@yXyN
C2H +Q/2 ôMô	UkRXddV	UkkX8yV	UyXyNV	UyXyNV
C2H +Q/2 ôQô	@jXe9	eX98	@yXy3	@yXyj
C2H +Q/2 ôTô	UjjX83V	UjkXeRV	UyXyNV	UyXy3V
C2H +Q/2 ôXô	@jX3N	RXed	yXRd	yXRN
C2H +Q/2 ôYô	UkeXyeV	Uk8X8yV	UyXy3V	UyXyNV
C2H +Q/2 ôZô	@kXjj	@9XRd	yXyj	yXyk
C2H +Q/2 ô[ô	UkyXd9V	URNXkkV	UyXydV	UyXydV
C2H +Q/2 ô\ô	@dkXj3	@e9X99	@yXjN	@yXj8
C2H +Q/2 ô]ô	Uk3XekV	UkeXdjV	UyXRjV	UyXRkV
C2H +Q/2 ô^ô	dX98	3X9e	yXRk	yXRk
C2H +Q/2 ô_ô	UkjXyRV	UkkXjjV	UyXy3V	UyXy3V
C2H +Q/2 ô`ô	jeX3k	jeXjy	yXkk	yXkj
C2H +Q/2 ô~ô	Uj9X38V	Uj8XR8V	UyXR8V	UyXR9V
C2H +Q/2 ô8ô	88XNR	e9X93	yXR9	yXR3
C2H +Q/2 ô9ô	U8NX3RV	U83X9yV	UyXReV	UyXReV
C2H +Q/2 ô0ô	3RX8d	d8X9y	yXk3	yXkd
C2H +Q/2 ô1ô	UkNXj3V	UkdXdNV	UyXy3V	UyXyNV
C2H +Q/2 ô2ô	@98XkN	@eyXe9	@yXy3	@yXRj
C2H +Q/2 ô3ô	UNkXd8V	UNjXNNV	UyXkdV	UyXk9V
C2H +Q/2 ô4ô	89Xdj	8yX3N	yXR9	yXRj
C2H +Q/2 ô5ô	U83X99V	UeyX3NV	UyXR9V	UyXR8V
C2H +Q/2 ô6ô	RyNX88	Ry3X9N	yXjy	yXjy
C2H +Q/2 ô7ô	U9NXyNV	U9dXy8V	UyXRjV	UyXRjV
C2H +Q/2 ô8ô	NRX3R	e3X3k	yX9R	yXjR
C2H +Q/2 ô9ô	U9yXeRV	UjdX3yV	UyXR8V	UyXRjV

>B;?2bi +Bi iBQM Q7 mi?

U9yP €€•

@RN3XR9 @yXNj @RN3XWG°@Û3X9y0ô™b582191jUy9s•N34S@ 08X9 †RF•8ñ

UkN SdC

h #H2 Xd U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ;KQ/2Hb

h #H2 XB?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, /Bz2`2M+2@BM@/Bz2`
 U6mHH`2bmHib Q7 h #H2 3V

	JQ/2Hb BM H2p2H			GQ;@HQ;KQ/2Hb		
	URV	UkV	UjV	U9V	U8V	UeV
kyRR	@RRNXR	RdkX9	RdyXN	yXk3	yX9N	yX93
	U9eX3yV	Uk8XjyV	Uk8XNeV	UyXR8V		UyXR9V
kyRk	@RyyXR	RdyXk	ReRX8y	yXRd	@yX9R	
	U9yX3NV	UkdXj3V	UkeXyNV	UyXRkV		UyXR8V
kyRj	@deX9	R9kX9	Rk3X9	yXkd	yX8j	yX93
	U99Xj3V	UkdXjRV	UkeXdNV	UyXRRV		UyXRjV
kyR9	@k9kX9	j9jXNN	jR9Xd	RXk3	RXe3	RX8e
	UjNXRjV	UjyX8dV	UkNXNRV	UyXR9V		UyXRjV
CS1	@9dX38	@ReX	RX8e	yXR8	@yXj8	@yXjk
	U9dXjRV	U8kXyNV	U8RXjyV	UyXReV		UyXkkV
ZC1	RRkXRd	ReX9e	kjXjN	yX8y	yXyN	yXRR
	U8eX3eV	U9jXy3V	U9RXR8V	UyXRRV		UyXR8V
1*	@RkdX8	ReeXk	RjjXyk	yX9d	yXe8	yX8R
	U9NXeRV	U99Xe9V	U9kXjRV	UyXR8V		UyXReV
_1a	@Rk3X8	RdjXey	R8dX8	yXj3	yX8N	yX89
	U9RX3jV	UjeX83V	Uj8X8jV	UyXRdV		UyXR3V
CS1 kyRR	RReX3k	R3jXR	MyXR3	yXRy	yXjd	yX99
	UN9XyeV	UdNXj9V	U3yX9yV	UyXjRV		UyXjRV
ZC1 kyRR	RyjX3d	Rj9XR	Rj9XN9	yXjy	yXj3	yX9R
	UdeXNRV	U93Xj9V	U9dXNRV	UyXRdV		UyXReV
1* kyRR	RN3X39	k9RX8y	kjyX83	yXde	yXNR	yX39
	UeeX8RV	U8jX3NV	U8RXN3V	UyXkkV		UyXkRV
_1a kyRR	8yXjR	RR9XR	RnjX8d	@yXyk	yXkj	yXkN
	U8RX3NV	UjdX89V	UjNXdkV	UyXkkV		UyXkRV
CS1 kyRk	RyXN9	NeX9R	N8XjN	@yXk3	yXye	yXRy
	UekXyRV	UeyX8RV	U83XRdV	UyXkkV		UyXkeV
ZC1 kyRk	j9Xy3	89XR9	k8Xj9	@yXyd	@yXyj	31002a00190058007
	UekX3NV	UjdXy	U9dXy	U9dXy	U9dXy	UyXRkV

UyXRkV

h #H2 X3 U*QMIBMm2/V

	JQ/2Hb BM H2p2H			GQ;@HQ; KQ/2Hb		
	URV	UkV	UjV	U9V	U8V	UeV
C2H +Q/2 δBδ		@kXyN	8X99		yXkR	yXkj
		UkjX33V	UkjX89V		UyXy3V	UyXyNV
C2H +Q/2 δDδ		eXde	kXkj		yXRy	yXy3
		UR3XjNV	URdXykV		UyXydV	UyXydV
C2H +Q/2 δFδ		@39XNy@	deXkk		@yX9y@	yXjd
		UkeX3yV	Uk8Xe9V			

h #H2 XN?2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, rBi? QMHv `2;mH `
U_2T2 ib h #H2 Xj rBi? QMHv `2;mH ` `iB+H2bV

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV Ukv UjV U9V U8V UeV

S ;2 +QmMi 9X3N jX9e jXy8 yX38 yX38 yXe9
UyXeNV UyX8eV UyXRyV UyXyNV UyXy3V
CS1 yX38

h #H2 XN U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

	URV	UkV	UjV	U9V	U8V	UeV
LmK#2` Q7		R89X98	88Xyy		yX8N	yXkk
+Q mi?Q`b48		U83XNdV	U8NXyjV	UyXReV		UyXR8V
hBiH2 H2M;i?4R		yXyy	yXyy		yXyy	yXyy
		UXV	UXV		UXV	UXV
hBiH2 H2M;i?4k		3yXNy	99Xyy		@yXy8	@yXkR
		URReXyRV	URyyXjy	UyXjdV		UyXj9V
hBiH2 H2M;i?4j		d9XN3	9yXNj		@yXyk	@yXRd
		URkyXj3V	URy9X39	UyXjeV		UyXjjV
hBiH2 H2M;i?49		RRkXkR	deXyk		yXRd	@yXye
		URReX33V	URykXjR	UyXjeV		UyXjjV
hBiH2 H2M;i?48		RReXk8	ddXy9		yXkR	yXyy
		URR3XejV	URyjXy8	UyXj9V		UyXjkV
hBiH2 H2M;i?4e		RjNX39	NNX8y		yXk3	yXy8
		URRjX3eV	UN3XjyV	UyXj8V		UyXjjV
hBiH2 H2M;i?4d		R98Xy8	RyjXd3		yXjy	yXye
		URRdXN3V	URykXjy	UyXj9V		UyXjjV
hBiH2 H2M;i?43		RkyXeR	3kXN9		yXRe	@yXyj
		URkRXeNV	URy8Xed	UyXj9V		UyXjjV
hBiH2 H2M;i?4N		R8RXk8	RR9XR3		yXkd	yXye
		URR3X3yV	URyjXjR	UyXj8V		UyXjjV
hBiH2 H2M;i?4Ry		R9RXjk	RykX8R		yXjj	yXRy
		URkkXeRV	URydXyk	UyXj8V		UyXj9V
hBiH2 H2M;i?4RR		RjkXj3	NdX3R		yXj8	yXR9
		URRdX8yV	URyRXNN	UyXj8V		UyXj9V
hBiH2 H2M;i?4Rk		RykXje	eyXe8		yXky	@yXyj
		URR9XdyV	UNNXNy	UyXj8V		UyXj8V
hBiH2 H2M;i?4Rj		RjRXNe	3eX3N		yXj9	yXyN
		URR3XR8V	URyRX8	UyXjeV		UyXjjV
hBiH2 H2M;i?4R9		RdkX33	RRNXyk		yXkd	@yXyk
		URkNXkNV	URR9XN	UyXjeV		UyXj8V
hBiH2 H2M;i?4R8		kk8XyR	RdjXye		yX99	yXRk
		URj3XeRV	URk3X3N	UyXjdV		UyXj3V
hBiH2 H2M;i?4Re		Rk8X9d	ddX3e		yXjd	yXRR
		URRNXdV	URyjXeR	UyXjdV		UyXjeV
hBiH2 H2M;i?4Rd		RdeX3N	RReXdN		yXk3	@yXye
		URd9X8RV	URejXkN	UyX98V		UyX98V
hBiH2 H2M;i?4R3		R8XRk	yXeR		yXRj	@yXye
		URkRXddV	URRyXyd	UyX9RV		UyX9yV
hBiH2 H2M;i?4RN		dNXe3	9eXk3	mi?Q`b4		@yXye
UF R8 dN						

h #H2 XN U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
`iB+H2 Q`/2`4j		@kXdd 8Xy8			yXye	yXRy
		UjdXR9V	UjeXydV	UyXRRV		UyXRyV
`iB+H2 Q`/2`49		@9dXdj	@j8XNe	@yXRj	@yXy3	
		Uj9X8jV	UjkXNeV	UyXRRV		UyXRyV
`iB+H2 Q`/2`48		@9kX89	@kjXkR	@yXRN@yXRR		
		Uj9XeNV	Uj9XdjV	UyXRRV		UyXRRV
`iB+H2 Q`/2`4e		@RRkXN@NyX3y		@yXkN@yXk8		
		Uj3XRRV	UjdXjyV	UyXRjV		UyXRjV
`iB+H2 Q`/2`4d		@RkdXe@Ry3X8j		@yX9j @yXj9		
		Uj8X98V	Uj9XkyV	UyXRjV		UyXRkV
`iB+H2 Q`/2`43		@RydXN@ddXdk		@yXkd @yXky		
		Uj3X3NV	UjdXyNV	UyXRjV		UyXRkV
`iB+H2 Q`/2`4N		@ddXyk @8kXkR		@yXjk @yXkR		
		U9jXyRV	U9yXNyV	UyXR8V		UyXR9V
`iB+H2 Q`/2`4Ry		@Rj8XRj@Ry3XRd		@yX9y @yXjR		
		U9kX98V	U9RXkeV	UyXR8V		UyXR8V
`iB+H2 Q`/2`4RR		@RRNX9@NRX3k		@yXje @yXk3		
		Uj8XydV	Uj9XkdV	UyXR8V		UyXR9V
`iB+H2 Q`/2`4Rk		@R8jXky@RReX33		@yX8k@yXjN		
		UjeXNeV	UjeXkRV	UyXR9V		UyXR9V
`iB+H2 Q`/2`4Rj		@RkkX3k@NjX3R		@yXjk @yXkd		
		UjNX33V	UjeX9jV	UyXR9V		UyXR9V
`iB+H2 Q`/2`4R9		@R8NX8@RRkXN3		@yX9e @yXjd		
		U8eX8eV	U8kXeeV	UyXkkV		UyXkRV
`iB+H2 Q`/2`4R8		@R8NX3@Rk8Xe9		@yXj3 @yXjy		
		U9dXj9V	U99X99V	UyXRNv		UyXRNv
`iB+H2 Q`/2`4Re		@NeX39 @8eX3N		yXyj		yXR3
		U89XkkV	U8kXN3V	UyXkkV		UyXkjV
`iB+H2 Q`/2`4Rd		@RedXk@ReyX3R		@yX9d@yX93		
		U9R XRNV	U9yXk3V	UyXkeV		UyXkjV
`iB+H2 Q`/2`4R3		@NyXNe	@8eXe8	@yXjN		@yXkd
		UddX3kV	UdjXdjV	UyXjkV		UyXjyV
`iB+H2 Q`/2`4RN		@RR9Xyd@edXed		@yXyR		yXy8
		Ue9XkkV	UekXeNV	UyXR3V		UyXR3V
`iB+H2 Q`/2`4ky		@NjX38	@83Xk9	@yXy3		yXy9
		UdyXeNV	UejXj3V	UyXj8V		UyXkNV
`iB+H2 Q`/2`4kR		NeXey RydXN3		yXj8		yXk3
		URk3Xj3V	URkkXRRV	UyXj3V		UyXj8V
`iB+H2 Q`/2`4kk		@88Xjk	@kdXyN	yXyR		@yXyk
		UN9XRjV	UNRXNdV	UyX9RV		UyXjdV
`iB+H2 Q`/2`4kj		@RjyX8d@RRkXRe		yXRd		yXye
		UeyX83V	Ue3X3RV	UyXjkV		UyXj9V
`iB+H2 Q`/2`4k9		@R9jXyR@RykX3R		@yXkj		@yXy3
		U93X8eV	U8jX99V	UyXkjV		UyXkdV
`iB+H2 Q`/2`4k8		RedX9NkjyXjj		RX9k		RXk3
		Ue3X38V	UeeXyeV	UyXkjV		UyXk9V
C2H +Q/2 ô ô		@RRdX8k@eNXRN				@yXyN
		U83XNRV	UeRXN8V			UyXkdV

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 XN U*QM iBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

	URV	UkV	UjV	U9V	U8V	UeV
C2H +Q/2 ô#ô		9ykXkN	jNeX9k			@yXkj
		U9ekXkkV	U9j8XdRV			UyX8NV
C2H +Q/2 ô+ô		@jeXRy	@jNXee			@yXkR
		UkyXyyV	UkyXyeV			UyXRyV
C2H +Q/2 ô/ô		@9yX3j	@jkXe9			@yXR9
		UR3XdjV	UR3XkRV			UyXyeV
C2H +Q/2 ô2ô		ejXd8	eyXRN			yXky
		UjyXj8V	UjyX39V			UyXyNV
C2H +Q/2 ô7ô		89X3k	8kXj9			yXkd
		UjRXdyV	UjjXjRV			UyXyNV
C2H +Q/2 ô;ô		RjXee	NX38			@yXRR
		UkRXe9V	UkkXy8V			UyXyNV
C2H +Q/2 ô?ô		dXy8	ReXRd			yXyk
		UjkXRkV	UjRX9kV			UyXy3V
C2H +Q/2 ôBô		dXNR	R9XNk			yXkj
		Uk3XRRV	Uk3Xj8V			UyXRyV
C2H +Q/2 ôDô		@9XkR	@dXNR			yXyj
		UkRXe8V	UkyXRRV			UyXydV
C2H +Q/2 ôFô		@deXRe	@e8XNy			@yXjN
		Uk3XeeV	UkeXd3V			UyXRkV
C2H +Q/2 ôHô		dXyR	dX9R			yXyN
		UkRXykV	UkyXk3V			UyXy3V
C2H +Q/2 ôKô		jRXj9	jkX3N			yXkk
		UjRXe9V	UjkXNdV			UyXRjV
C2H +Q/2 ôMô		ejXdj	dkXk9			yXRN
		U8dXdjV	U8eXe9V			UyXR8V
C2H +Q/2 ôQô		d3XR3	dRRd			yXkN
		Uk3X88V	UkdXy8V			UyXy3V
C2H +Q/2 ôTô		@RjXN3	@k8Xk3			@yXyd
		UN9X9jV	UN9X98V			UyXkeV
C2H +Q/2 ô[ô		j3Xk3	jkXd9			yXye
		U8NX3eV	UeRXjyV			UyXReV
C2H +Q/2 ô`ô		N8Xyj	NdXy9			yXk8
		U9eX9NV	U99Xk3V			UyXRkV
C2H +Q/2 ôxô		3RXd8	8NXk9			yXjk
		Uj3X9RV	UjeXR9V			UyXRkV
>B;?2bi +Bi iBQM Q7			@kyyXNe			@yXN9
mi?Q`b KBbbBM;			Uk9XdjV			UyXRRV
>B;?2bi +Bi iBQM Q7			k3Xky			yXR8
mi?Q`b BM [mBMiBH2 k			URjXe9V			UyXydV
>B;?2bi +Bi iBQM Q7			d9X3j			yXjd
mi?Q`b BM [mBMiBH2 j			URNX9dV			UyXy3V
>B;?2bi +Bi iBQM Q7			NyXdR			yX9d
mi?Q`b BM [mBMiBH2 9			UkyXRkV			UyXy3V
>B;?2bi +Bi iBQM Q7			Rd9X89			yXe9
mi?Q`b BM [mBMiBH2 8			Uk8XReV			UyXyNV
*QMbi Mi		ekX8k	UkkXy8V			

U0 @b%c€

bK9X KU0 "X D S 5€ U0 "X

h #H2 XN U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

L R-9dk R-9dkR-9dk R-9dk R-9dk R-9dk
/Dmbi2/_ yXy9 yXR3 yXkk yXyN yXkj yXjR

LQi2_272`2M+2 + i2;Q`v, CQm`M H@ 1_- u2 `@kyRy- JQMi?@C Mm `v- `iB+H2 ivT
bi M/ `/ 2`Q`b `2 +Hmbi2`2/ i Bbbm2b Q7 DQm`M HbX

p lyXRyp lyXy8-p lyXyRX

h #H2 X R y,

h #H2 XRY U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ;KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
`iB+H2 Q`/2`		UkXykV	URXN3V		UyXyRV	UyXyRV
C2H +Q/2 ô ô		@dXke	@8X8y		@yXyk	@yXyR
C2H +Q/2 ô#ô		URXeRV	URX8V		UyXyRV	UyXyRV
C2H +Q/2 ô+ô		@NNXd9	@89XR8		@yXkd	@yXRy
C2H +Q/2 ô/ô		U9eXeRV	U8yXdeV	UyXkkV		UyXk9V
C2H +Q/2 ô2ô		j3jX9j	j3jXk3		@yXkN	@yXkR
C2H +Q/2 ô7ô		U98RXy9V	U9kjXkyV	UyXeNV		UyX8NV
C2H +Q/2 ô;ô		@k3X3y	@j9X9R	@yXRd@	yXR3	
C2H +Q/2 ô?ô		UR3XN8V	URNXRk	WyXRyV		UyXRyV
C2H +Q/2 ôBô		@j3Xye	@kNXd3	@yXRe@	yXRj	
C2H +Q/2 ôDô		URdX9eV	URdXydV	UyXyeV		UyXy8V
C2H +Q/2 ôFô		dkX3j	edXjd		yXkR	yXRN
C2H +Q/2 ôHô		UkNXkNV	UkNXNyV	UyXyNV		UyXyNV
C2H +Q/2 ôMô		9jXRN	9yXjR		yXjy	yXke
C2H +Q/2 ôQô		UkNX9dV	UjyXkeV	UyXRyV		UyXyNV
C2H +Q/2 ôTô		RdXke	RkX3N	@yXye		@yXy3
C2H +Q/2 ôxô		UkyXNkV	UkyX3jV	UyXyNV		UyXyNV
>B;?2bi +Bi iBQM Q7		eXdN	R8XNj	@yXyd		@yXyk
mi?Q`b KBbbBM;		UjyXj9V	UkNXjjV	UyXydV		UyXydV
>B;?2bi +Bi iBQM Q7		yXye	3Xjy		yXRN	yXkk
mi?Q`b BM [mBMiBH2 k		Uk9Xy3V	Uk9XjdV	UyXyNV		UyXyNV
>B;?2bi +Bi iBQM Q7		kX99	@RXR3	yXye		yXy8
mi?Q`b BM [mBMiBH2 j		UR3Xy9V	UReXddV	UyXydV		UyXydV
>B;?2bi +Bi iBQM Q7		@N9XRd@	39XR9	@yX8k@	yX93	
mi?Q`b BM [mBMiBH2		UkeXj8V	Uk9Xe3V	UyXRkV		UyXRRV
>B;?2bi +Bi iBQM Q7		3X3e	RRX99	yXRR		yXRk
mi?Q`b BM [mBMiBH2		UkyXyjV	URNX3dV	UyXy3V		UyXy3V
>B;?2bi +Bi iBQM Q7		99Xky	98Xyd		yXk9	yXk8
mi?Q`b BM [mBMiBH2		UjjXR3V	Uj9Xk3V	UyXRjV		UyXRjV
>B;?2bi +Bi iBQM Q7		9NXeN	8eXRN		yXRj	yXR8
mi?Q`b BM [mBMiBH2		U89XdNV	U89X8dV	UyXR9V		UyXR9V
>B;?2bi +Bi iBQM Q7		deX33	eNX33		yXjy	yXk3
mi?Q`b BM [mBMiBH2		UkdX3kV	UkeXR9V	UyXy3V		UyXyNV
>B;?2bi +Bi iBQM Q7		@kkX3j	@j3X3N	yXyy		@yXy8
mi?Q`b BM [mBMiBH2		U38XekV	U38XjkV	UyXk8V		UyXkkV
>B;?2bi +Bi iBQM Q7		9jX8e	jNXR9		yXyd	yXy8
mi?Q`b BM [mBMiBH2		U88XN8V	U8dXeyV	UyXRjV		UyXR9V
>B;?2bi +Bi iBQM Q7		NdXR3	NNXR3		yXk8	yXkd
mi?Q`b BM [mBMiBH2		U9dXyeV	U99X39V	UyXRkV		UyXRkV
>B;?2bi +Bi iBQM Q7		3RXk9	e9XRR		yX99	yXj8
mi?Q`b BM [mBMiBH2		UjdXRjV	Uj9Xk9V	UyXReV		UyXR8V
>B;?2bi +Bi iBQM Q7			@RN3X3k			@yXN8
mi?Q`b BM [mBMiBH2			Uk9XRkV			UyXRRV
>B;?2bi +Bi iBQM Q7			kkX3R			yXR9
mi?Q`b BM [mBMiBH2			URkXd9V			UyXydV
>B;?2bi +Bi iBQM Q7			e3XR9			yXj9
mi?Q`b BM [mBMiBH2			UReX3RV			UyXy3V
>B;?2bi +Bi iBQM Q7			38XyN			yX9d

*QMIBMm2/ QM M2ti T ;2XXX

h #H2 X R y U * Q M i B M m 2 / V

J Q / 2 H b B M H 2 p 2 H G Q ; @ H Q ; K Q / 2 H b

U R V U k V U j V U 9 V U 8 V U e V

h #H2 XRR 2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, rBi? /Bz2`2Mi T`Qtv 7Q`
 U_2T2 ib h #H2 Xj rBi? /mKKB2b 7Q` [mBMiBH2b Q7 ðiQi H +Bi iBQMb #v

	JQ/2Hb BM H2p2H			GQ;@HQ; KQ/2Hb		
	URV	UkV	UjV	U9V	U8V	UeV
S ;2 +QmMi	8XkR	jX9N	jXy3	yX38	yXeR	yX88
	UyX8NV	UyX8kV	UyXRyV	UyXRRV	UyXRyV	
CS1		@dNX8d@88Xke		@yXkR	@yXRk	
		UjRXekV	UjkXy8V	UyXR8V	UyXR8V	
ZC1		jNX8d	j3Xee	yXky	yXkR	
		UkdX8dV	UkNXk9V	UyXRkV	UyXRjV	
1*		@k9XRdRX38		@yXy9	yXy3	
		Uj9XeeV	UjkXN3V	UyXR8V	UyXR8V	
_1a		@kNXeR	@RkX99	@yXRk	@yXy8	
		UkjXjdV	UkkXydV	UyXRRV	UyXRRV	
kyRR		@eeX38@ekXeN		@yXRN@yXRd		
		UkjXRdV	Uk9XyjV	UyXyNV	UyXyNV	
kyRk		@NdXek@NdXyR		@yXje@yXj8		
		UkjX39V	UkjX33V	UyXRyV	UyXRyV	
kyRj		@RyeXe@NRX39		@yXjN@yXjj		
		UkyX93V	UkyX89V	UyXyNV	UyXyNV	
kyR9		@RNNXe@R3kX9y				

h #H2 XRR U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

hQi H +Bi iBQM Q7		RdjXkd		yXd9	
mi?Q`b BM [mBMBH2 8		UkjXd8V		UyXyNV	
*QMbi Mi	9NXReRk9Xj9	RRdX9dRXN9	kXey	kXdR	
	UkyXjyV	U99X83V	U9kXj9V	UyXjdV	UyX9jV U
L	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR
/Dmbi2/_	yXye	yXRN	yXkj	yXR8	yXjR yXj8

LQi2_272`2M+2 + i2;Q`v, CQm`M H@ 1_- u2 `@kyRy- JQMi?@C Mm `v- `iB+H2 ivT2
/`/2`Q`b `2 +Hmbi2`2/ iBbbm2b Q7 DQm`M HbX

p lyXRyp lyXy8-p lyXyRX

h #H2 XRhk,2 2z2+i Q7 `iB+H2 H2M;i? QM +Bi iBQM, [m /` iB+ KQ/2Hb

	JQ/2Hb BM H2p2H			GQ;@HQ; KQ/2Hb		
	URV	UkV	UjV	U9V	U8V	UeV
S ;2 +QmMi	RyXkj	3Xy3	eXeN	yXy9	@yXRd	@yXRd
a[m `2/ T ;2 +QmMi	URXejV	URXNjV	URXNjV	UyX98V	UyX9eV	UyX9jV
CS1	@NjXjR	@djX9j		@yXjR	@yXkj	
ZC1	UjjX9kV	UjjX9eV		UyXReV	UyXReV	
1*	89X33	8kXkd		yXRd	yXRd	
_1a	Uk3Xy9V	Uk3XN9V		UyXRjV	UyXRjV	
kyRR	@ReXk3	8Xj3		@yXyj	yXye	
kyRk	UjjXeyV	UjRXNdV		UyXR8V	UyXR8V	
kyRj	@kjXkN	@NXdj		@yXyd	@yXyj	
kyR9	UkkX9dV	UkRX9RV		UyXRkV	UyXRRV	
62#X	@8NX8N	@83X8R		@yXRd	@yXRd	
J `X	Uk9XjkV	Uk9Xe9V		UyXyNV	UyXyNV	
T `X	@N8Xky	@N8XNy		@yXj8	@yXj9	
J v	UkkX3jV	UkkX38V		UyXRyV	UyXyNV	
CmMX	@N8Xd	@39X39		@yXje	@yXjR	
CmHX	URNXd8V	UkyXyjV		UyXy3V	UyXy3V	
m;X	@R3eXjk	@RdkXyd		@yX3e	@yX3y	
a2TX	Uk9XeRV	Uk9X9yV		UyXRRV	UyXRRV	
P+iX	Ry9Xy8	RyRX3y		yXje	yXjj	
LQpX	Uj9XykV	UjjX8dV		UyXR9V	UyXRjV	
.2+X	kXRy	@8Xy3		yXyR	@yXyk	
*QKK2Mi	U9RX3dV	UjeXk3V		UyXRNV	UyXR3V	
G2+im`2	RRX38	RyX3e		yXRk	yXRR	
LmK#2` Q7	UkdXejV	Uk8XeeV		UyXR9V	UyXRjV	
+Q mi?Q`b4R	@R9XRd	@RRXNd		yXyN	yXy3	
LmK#2` Q7	UjkXejV	UkNXdkV		UyXR9V	UyXR9V	
	9RXke	9yXee		yXkj	yXkk	
	Uj9Xd9V	Uj9Xe8V		UyXRdV	UyXReV	
	@kdXyy	@k9Xd8		@yXRk	@yXRk	
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	RdX9N	R3XeN		yXy3	yXyd	
	Uj9X93V	UjkXeyV		UyXReV	UyXR8V	
	@R9XyN	@R3Xyj		@yXyj	@yXye	
	UjyXdeV	UjRX9yV		UyXReV	UyXR8V	
	RjXNk	RNXjj		yXye	yXye	
	UkdXeRV	UkeX9eV		UyXR9V	UyXR9V	
	kjX8y	RNXRj		yXyy	@yXyj	
	UjjXNNV	UjjXk8V		UyXRNV	UyXR3V	
	@kXk3	RX3k		yXRy	yXRy	
	UjkXjRV	UjRXdyV		UyXkyV	UyXkyV	
	RyXyN	@RjXRj		@yX8d	@yXe8	
	UkRXR9V	UkRXjRV		UyXRdV	UyXRdV	
	@3kXe9	@93XkN		@yXjk	@yXRy	
	Ue3XkNV	U83XReV		UyXj9V	UyXjyV	
	yXyy	yXyy		yXyy	yXyy	
	UXV	UXV		UXV	UXV	
	kNXRd	@8Xye		yXRd	@yXyk	

*QM iB Mm2/ QM M2ti T ;2XXX

h #H2 XRk U*QMIBMm2/V

	JQ/2Hb BM H2p2H		GQ;@HQ; KQ/2Hb			
	URV	UkV	UjV	U9V	U8V	UeV
+Q mi?Q`b4k		URjX3eV	URjX3NV	UyXyeV	UyXyeV	
LmK#2`Q7		edX38	eXky	yXjN	yXy3	
+Q mi?Q`b4j		UR3X89V	URNXyjV	UyXydV	UyXydV	
LmK#2`Q7		38Xy3	RkX9d	yX9N	yXR9	
+Q mi?Q`b49		UkeXRVN	UkeXR8V	UyXRyV	UyXRyV	
LmK#2`Q7		RejX83	eeXe8	yXdy	yXk3	
+Q mi?Q`b48		U83X83V	U8NXydV	UyXR8V	UyXR8V	
hBiH2 H2M;i?4R		yXyy	yXyy	yXyy	yXyy	
		UXV	UXV	UXV	UXV	
hBiH2 H2M;i?4k		NjXNy	88Xdj	@yXyd	@yXkR	
		URReXe3V	URyRXj8V	UyXjeV	UyXjkV	
hBiH2 H2M;i?4j		NRX39	8NXyk	@yXyk	@yXR9	
		URkyXekV	URy8XddV	UyXjeV	UyXjkV	
hBiH2 H2M;i?49		RkdX99	NyXey	yXRy	@yXy8	
		URReXReV	URykXkkV	UyXjeV	UyXjkV	
hBiH2 H2M;i?48		RkdXjk	3NXRk	yXRj	@yXyj	
		URR3XedV	URyjXe3V	UyXj9V	UyXjRV	
hBiH2 H2M;i?4e		R8yXy9	RRjXR3	yXky	yXy8	
		URR9X9yV	UNNX99V	UyXj8V	UyXjRV	
hBiH2 H2M;i?4d						

h #H2 XRk U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

hBiH2 H2M;i?4kk URkkX9kV URRRX3RuyX9kV UyX9RV
NRXkk e8Xed yX9d yXkN
URkNXyRV URRRXeNyX9RV UyXjdV
`iB+H2 Q`/2`4R

h #H2 XRk U*QMIBMm2/V

JQ/2Hb BM H2p2H GQ;@HQ; KQ/2Hb

URV UkV UjV U9V U8V UeV

`iB+H2 Q`/2`4k9 UeyXjeV U83XyeV UyXk3V UyXk3V
@RNRXk@ReRXN8 @yX98 @yXj8
Đ& k3V UyXk3V

h #H2 XRk U*QMIBMm2/V

		JQ/2Hb BM H2p2H		GQ;@HQ; KQ/2Hb	
URV	UkV	UjV	U9V	U8V	UeV
	UjdXy9V	Uj9XeeV	UyXR9V	UyXRjV	
>B;?2bi +Bi iBQM Q7		@RNjX98		@yXN9	
mi?Q`b KBbbBM;		UkjX8eV		UyXRRV	
>B;?2bi +Bi iBQM Q7		keX3R		yXR8	
mi?Q`b BM [mBMiBH2 k		URjXRjV		UyXy3V	
>B;?2bi +Bi iBQM Q7		dyXNj		yXj8	
mi?Q`b BM [mBMiBH2 j		UR3Xk3V		UyXy3V	
>B;?2bi +Bi iBQM Q7		3jXNN		yX98	
mi?Q`b BM [mBMiBH2 9		URNXkNV		UyXy3V	
>B;?2bi +Bi iBQM Q7		ReeXkk		yXe8	
mi?Q`b BM [mBMiBH2 8		Uk9XkRV		UyXyNV	
*QMbi Mi	@k3Xyk	@8X8Kkj	jXykjXNk	jXN3	
L	Uk3XRV	URkNXkjV	URReXkjV	UyXdkV	UyXNRV
/Dmbi2/ _	R-8eR	R-8eR	R-8eR	R-8eR	R-8eR
	yXye	yXky	yXkj	yXR8	yXjk yXje

LQi2_272`2M+2 + i2;Q`v, CQm`M H@ 1_ - u2 `@kyRy- JQMi?@C Mm `v- `iB+H2 ivT2
/ ` / 2`Q`b `2 +Hmbi2`2/ i Bbbm2b Q7 DQm`M HbX

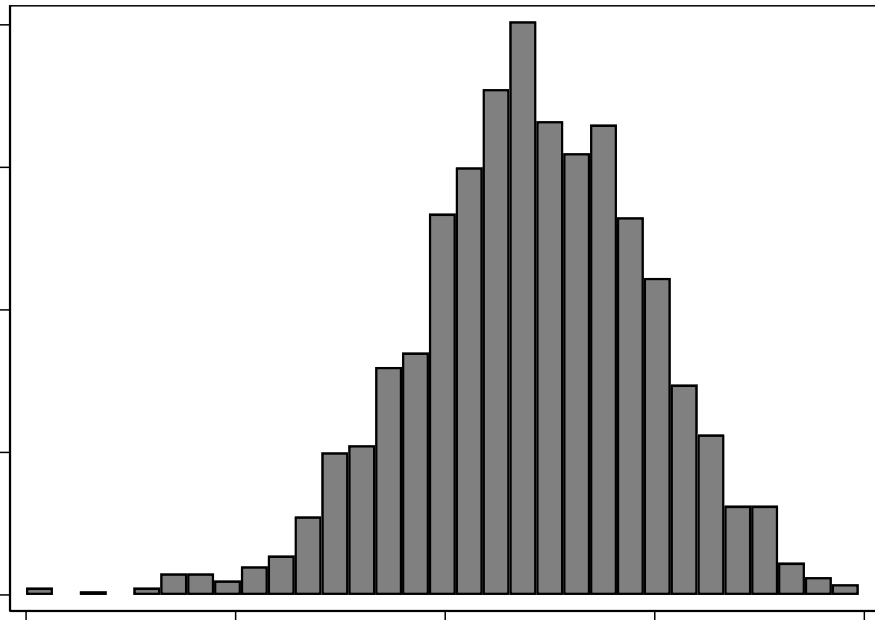
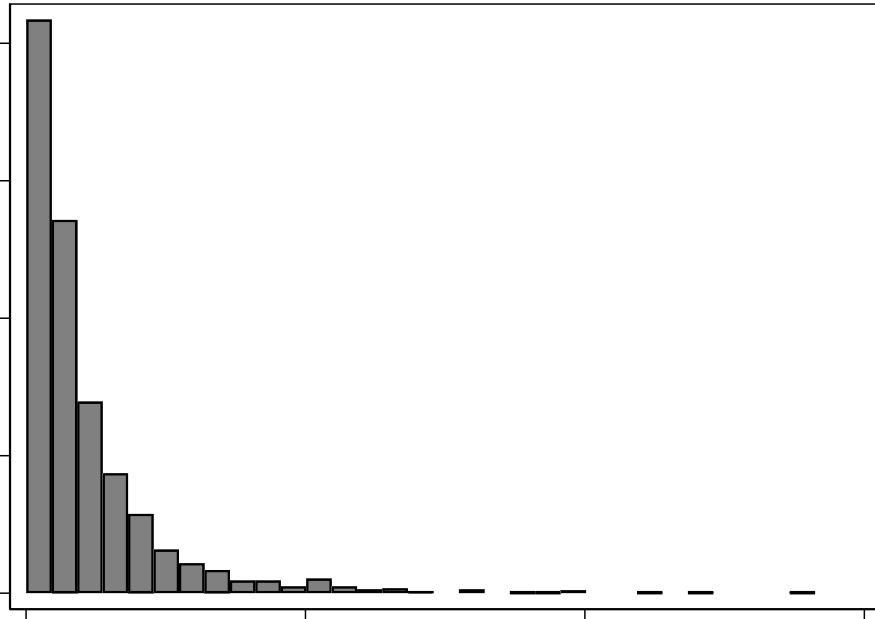
p lyXRyp lyXy8- p lyXyRX

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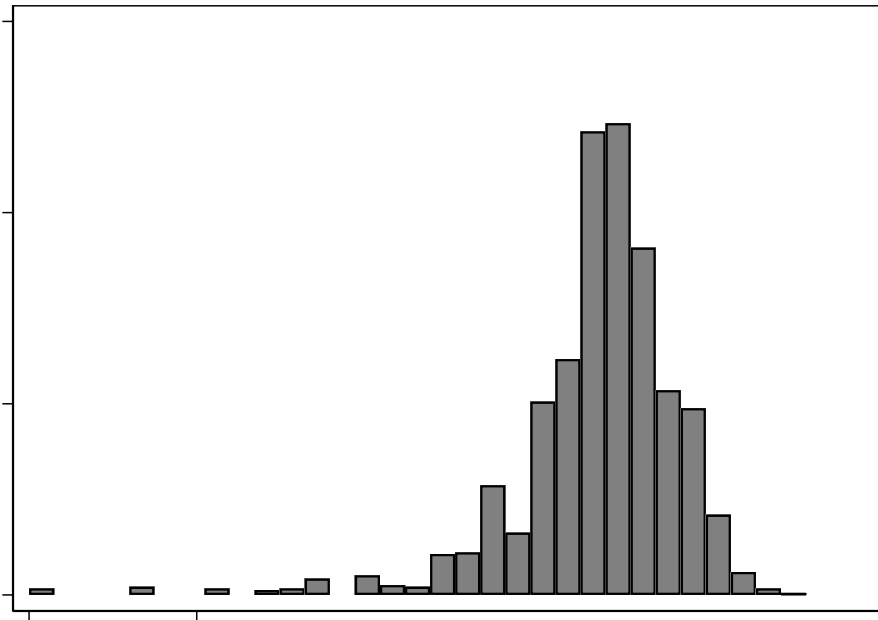
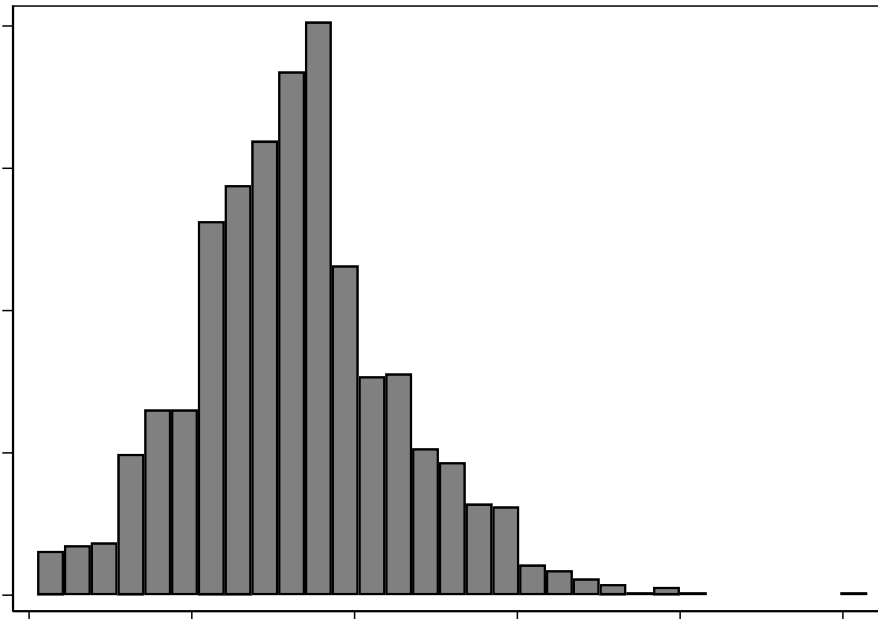


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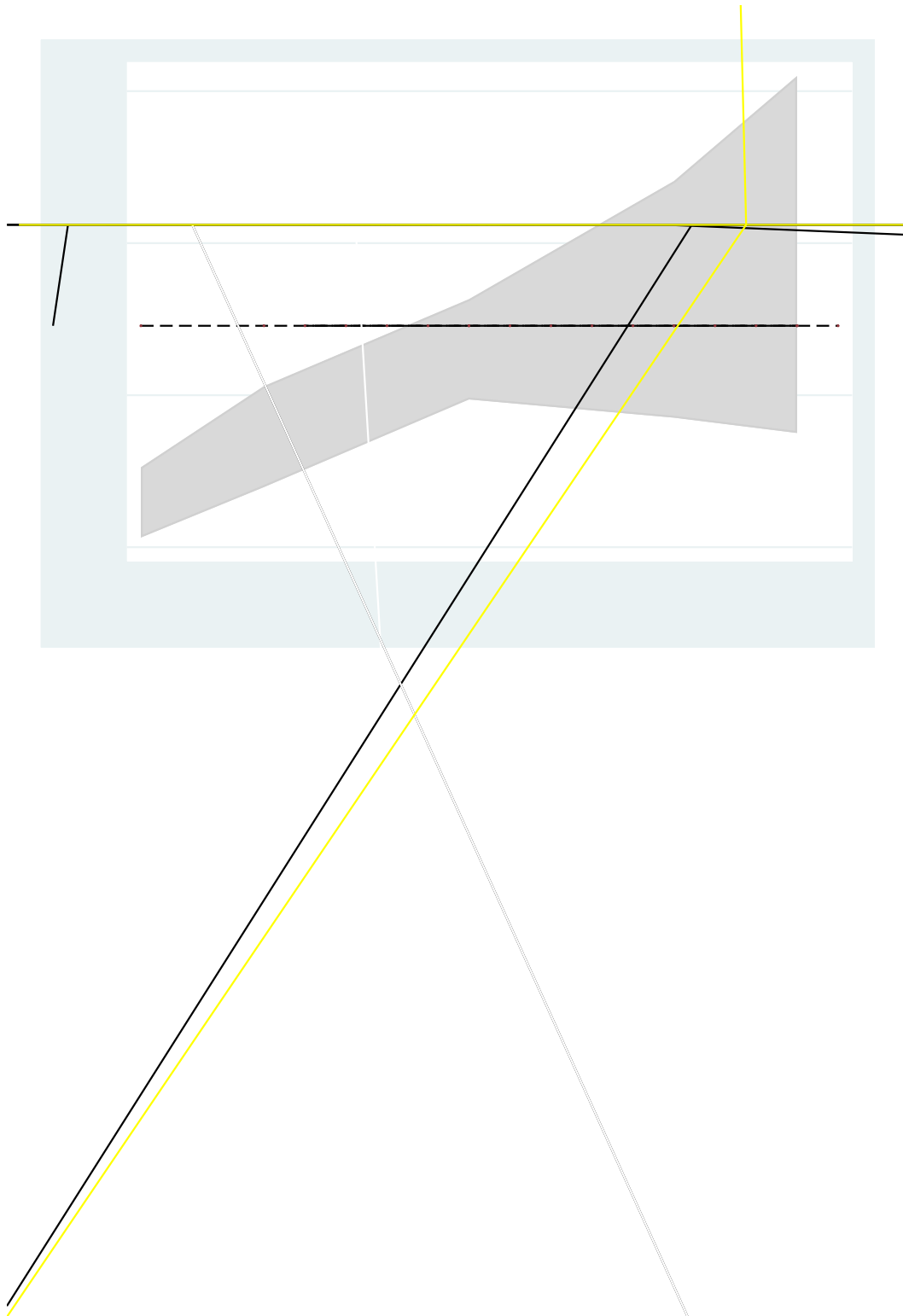
6B;m`2 XjQp2K2Mi Q7 K2 M `iB+H2 H2M;i? #v DQm`M H M/ v2 ` Q7 Tm#H



6B;m`2 X9B,biQ;` K Q7 +Bi iBQM +QmMi BM H2p2Hb M/ HQ;b



6B;m`2 X>B,biQ;` K Q7 T ;2 +QmMi BM H2p2Hb M/ HQ;b



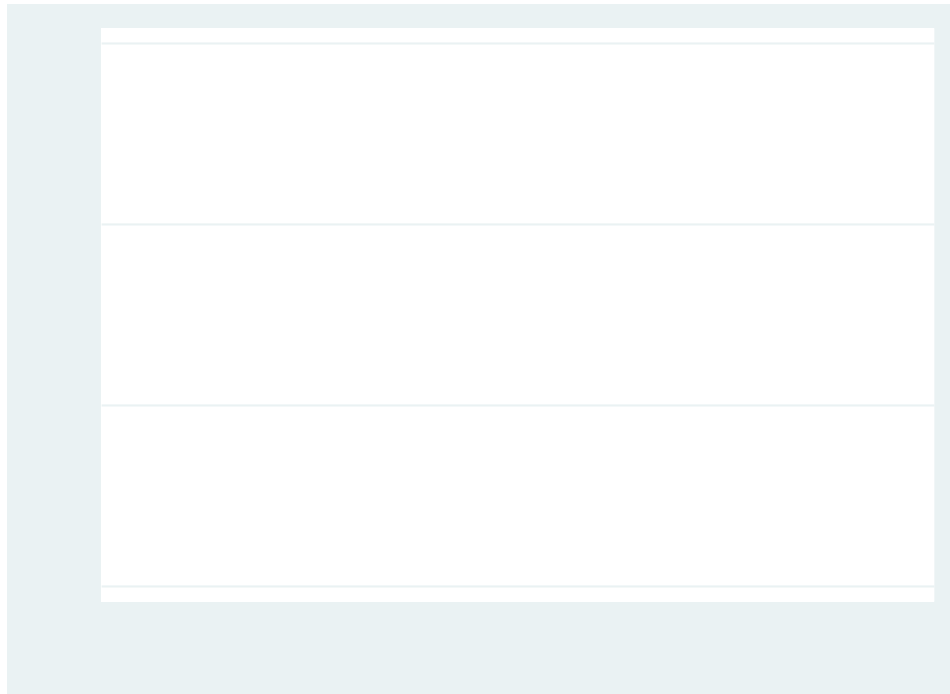
6B;m`2 XB,pi`B#miBQM Q7 i?2 [m MiBH2 `2;`2bbBQM +Q2{+B2Mib,
 KQ/2Hb BM H2p2Hb UiQTV M/ HQ;b U#QiiQKV

6 Q ` i ? 2 ` 2 7 2 ` 2 2 b ,

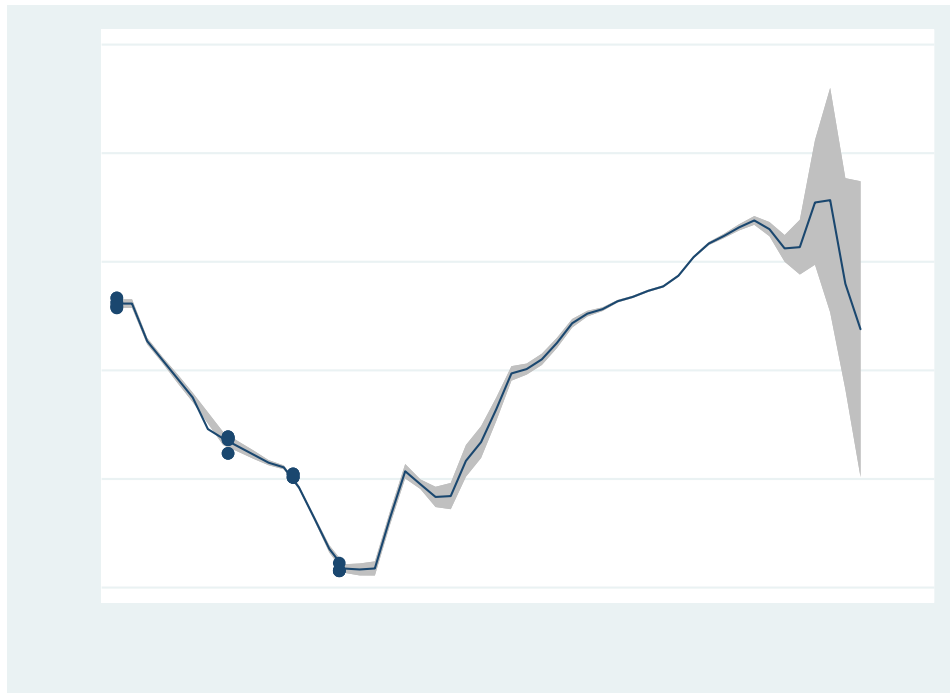
_ Q # m b i M 2 b b + ? 2 + F ` 2 b m

U L Q i B M i 2 M / 2 / 7 Q ` T m # H B + i B Q M

TT2M/Bt ", //BiBQM Hi #H2b M/ 6B;m`2b



6B;m`2 "Xp2K2Mi Q7 +Bi iBQM +QmMi rBi? `iB+H2 H2M;i? UBM H2p2
Ua2KBT ` K2i`B+ }iV



6B;m`2 "Xp2K2Mi Q7 +Bi iBQM +QmMi rBi? `iB+H2 H2M;i? UBM HQ;
Ua2KBT ` K2i`B+ }iV

TT2M/Bt *, Zm2biBQMM B`2 Ua+`22Mb?Qib 7`QK am`p

ARTICLE LENGTH AND CITATION COUNT

Is there any effect of article length on its citation?

IN-CONFIDENCE

The image shows a survey form with several questions and radio button options. The questions are:

- 1. What is your position in the University?
 - Professor
 - Associate Professor
 - Assistant Professor
 - Lecturer
 - Senior Lecturer
 - Economic Lecturer
 - Lecturer (Senior)
 - Lecturer (Junior)
- 2. What is your primary language?
 - Other
 - English
- 3. What is your primary language?

The form also includes a sidebar with navigation options and a footer with a logo.

4

4: Which of the following fields does research primarily belong to?

- Theory
- Empiricism
- Both

4: Are there any other, or not, variables a paper for a journal paper should have? (if a variable length affects)

4: If you could give 4 journal papers, why do you think they are not published? (if a variable length affects)

4: If you could give 4 journal papers, why do you think they are not published? (if a variable length affects)

4: If you could give 4 journal papers, why do you think they are not published? (if a variable length affects)

4: If you could give 4 journal papers, why do you think they are not published? (if a variable length affects)