

**PrP»Cİ PjPµPrPëC±PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CİCİCHPePsPiPs
P·P°CÍPsP±Cf**

PµPŸP†P“P”PjPh PµP PhP·PhPáP“

(XIGDUO PROLONG)

PŸPeP»P°Pr:

**PrC-CHC±C- CİPµC±PsPIPëPSPë: PrP°PİP°PiP»C-C,,P»PsP·PëPSCf
PiCİPsPiP°PSPrC-PsP»; PjPµC,C,,PsCİPjC-PSCf PiC-PrCİPsC...P»PsCİPëPr;**

5/1000 PjPi: 1 C,P°P±P»PµC,PeP°, PİPeCİPëC,P° PİP»C-PİPePsPiPsCİ PsP±PsP»PsSPePsCİ,
PiCİPsP»PsSPiPsPiP°PSPsC— PrC-C— PjC-CÍC,PëC,CH PrP°PİP°PiP»C-C,,P»PsP·PëPSCf
PiCİPsPiP°PSPrC-PsP»Cf 6,15 PjPi, C%Ps PµPePIC-PIP°P»PµPSC,PSPs 5 PjPi
PrP°PİP°PiP»C-C,,P»PsP·PëPSCf, C,P° PjPµC,C,,PsCİPjC-PSCf PiC-PrCİPsC...P»PsCİPëPrCf
1005,04 PjPi;

10/1000 PjPi: 1 C,P°P±P»PµC,PeP°, PİPeCİPëC,P° PİP»C-PİPePsPiPsCİ
PsP±PsP»PsSPePsCİ, PiCİPsP»PsSPiPsPiP°PSPsC— PrC-C— PjC-CÍC,PëC,CH
PrP°PİP°PiP»C-C,,P»PsP·PëPSCf PiCİPsPiP°PSPrC-PsP»Cf 12,30 PjPi, C%Ps
PµPePIC-PIP°P»PµPSC,PSPs 10 PjPi PrP°PİP°PiP»C-C,,P»PsP·PëPSCf, C,P°
PjPµC,C,,PsCİPjC-PSCf PiC-PrCİPsC...P»PsCİPëPrCf 1005,04 PjPi;

10/500 PjPi: 1 C,P°P±P»PµC,PeP°, PİPeCİPëC,P° PİP»C-PİPePsPiPsCİ PsP±PsP»PsSPePsCİ,
PiCİPsP»PsSPiPsPiP°PSPsC— PrC-C— PjC-CÍC,PëC,CH PrP°PİP°PiP»C-C,,P»PsP·PëPSCf
PiCİPsPiP°PSPrC-PsP»Cf 12,30 PjPi, C%Ps PµPePIC-PIP°P»PµPSC,PSPs 10 PjPi
PrP°PİP°PiP»C-C,,P»PsP·PëPSCf, C,P° PjPµC,C,,PsCİPjC-PSCf PiC-PrCİPsC...P»PsCİPëPrCf
502,61 PjPi;

PrPsPiPsPjC-PİPSC- CİPµC±PsPIPëPSPë: PSP°C,CİC-Cİ
PeP°CİP±PsPeCİPëPjPµC,PëP»C†PµP»CHP»PsP·P°, PiC-PiCİPsPjPµP»PsP·P° 2208,
PiC-PiCİPsPjPµP»PsP·P° 2910 (PrP»Cİ 10/500 PjPi), C†PµP»CHP»PsP·P°
PjC-PeCİPsPeCİPëCÍC,P°P»C-C±PSP° P Pá102 (PrP»Cİ 10/500 PjPi), PeCİPµPjPSC-Cİ
PrC-PsPeCİPëPr, PjP°PiPSC-Cİ CÍC,PµP°CİP°C,, C†PµP»CHP»PsP·P°
PjC-PeCİPsPeCİPëCÍC,P°P»C-C±PSP° P Pá302, P»P°PeC,PsP·P° P±PµP·PiPsPrPSP°,
PeCİPsCİPiPsPIC-PrPsPS, P±P°CİPIPSPëPe Opadry^{B®} II Yellow 85F12372 (PrP»Cİ 10/1000 PjPi),
P±P°CİPIPSPëPe Opadry^{B®} II Pink 85F94333 (PrP»Cİ 10/500 PjPi), P±P°CİPIPSPëPe Opadry^{B®} II
Pink 85F94592 (PrP»Cİ 5/1000 PjPi).

P»C-PeP°CİCİCHPeP° C,,PsCİPjP°. PŸP°P±P»PµC,PePë, PİPeCİPëC,C- PİP»C-PİPePsPiPsCİ
PsP±PsP»PsSPePsCİ, PiCİPsP»PsSPiPsPiP°PSPsC— PrC-C—.

PhCİPSPsPiPSC- C,,C-P·PëPePs-C...C-PjC-C±PSC- PIP»P°CÍC,PëPiPsCÍC,C-:

5/1000 PjPi: PIC-Pr CİPsPİPµPiPsPiPs PrPs C,PµPjPSPs-CİPsPİPµPiPs PePsP»CHPsCİCf,

PrPIPsPsPiCfPeP»P°, PsPIP°P»CHbPSPsC— C,,PsCḡPjPë C,P°P±P»PμC,PeP°, PIPeCḡPëC,P°
PİP»C-PIPePsPIPsCḡ PsP±PsP»PsPSPePsCḡ, P· PiCḡP°PIC-CḡCfPIP°PSPSCİPj B B«1071B» C-
B«5/1000B» P· PsPrPSC-C”C— CḡC,PsCḡPsPSPë C,P° PİP»PsCḡPeP° P· C-PSC€PsC—
CḡC,PsCḡPsPSPë.

10/500 PjPi: CḡPsP¶PμPIPsPiPs PePsP»CHbPsCḡCf, PrPIPsPsPiCfPeP»P°,
PeP°PiCḡCfP»PsPiPsPrC-P±PSPsC— C,,PsCḡPjPë C,P°P±P»PμC,PeP°, PIPeCḡPëC,P°
PİP»C-PIPePsPIPsCḡ PsP±PsP»PsPSPePsCḡ, P· PiCḡP°PIC-CḡCfPIP°PSPSCİPjB B«1072B»B
C-B B«10/500B» P· PsPrPSC-C”C— CḡC,PsCḡPsPSPë C,P° PİP»PsCḡPeP° P· C-PSC€PsC—
CḡC,PsCḡPsPSPë.

10/1000 PjPi: PIC-Pr P¶PsPIC,PsPiPs PrPs C,PμPjPSPs-P¶PsPIC,PsPiPs PePsP»CHbPsCḡCf,
PrPIPsPsPiCfPeP»P°, PsPIP°P»CHbPSPsC— C,,PsCḡPjPë C,P°P±P»PμC,PeP°, PIPeCḡPëC,P°
PİP»C-PIPePsPIPsCḡ PsP±PsP»PsPSPePsCḡ, P· PiCḡP°PIC-CḡCfPIP°PSPSCİPj B«1073B» C,P°
B«10/1000B» P· PsPrPSC-C”C— CḡC,PsCḡPsPSPë C,P° PİP»PsCḡPeP° P· C-PSC€PsC—
CḡC,PsCḡPsPSPë.

P»P°CḡPjP°PePsC,PμCḡP°PİPμPIC,PëC±PSP° PiCḡCfPİP°. P—P°CḡPsP±Pë PrP»CİP
P»C-PeCfPIP°PSPSCİ CḡCfPeCḡPsPIPsPiPs PrC-P°P±PμC,Cf. P»PμC,C,,PsCḡPjC-PS PI
PePsPjP±C-PSP°CḡC— P· PrP°PİP°PiP»C-C,,P»PsP·PëPSPsPj. P»PsPr ATX A10B D15.

P»P°CḡPjP°PePsP»PsPiC-C±PSC- PIP»P°CḡC,PëPIPsCḡC,C-.

P»PμC...P°PSC-P·Pj PrC-C—

P»CḡC-PiPrCzPs PμCḡPsP»PsPSPi

P»CḡC-PiPrCfPs PμCḡPsP»PsPSPi PİPsC”PrPSCfC” PI CḡPsP±C- PrPIP°
PiC-PİPsPiP»C-PePμPjC-C±PSC- P·P°CḡPsP±Pë P· PjPμC...P°PSC-P·PjP°PjPë PrC-C—, C%oPs
PrPsPiPsPIPsCḡCḡC,CHb PsPrPëPS PsPrPSPsPiPs, PrP»CİP PİPsP»C-PiC€PμPSPSCİP
PePsPSC,CḡPsP»Cḡ PiP»C-PePμPjC-C— Cḡ PİP°CḡC—PSC,C-PI P· CḡCfPeCḡPsPIPëPj
PrC-P°P±PμC,PsPj 2-PiPs C,PëPİCf: PrP°PİP°PiP»C-C,,P»PsP·PëPS, C-PSPiC-P±C-C,PsCḡ
PSP°C,CḡC-PNëPiP»CḡPePsP·PSPsPiPs PePsC,CḡP°PSCİPİPsCḡC,PμCḡP° 2-PiPs C,PëPİCf
(C-PkP—P»PÿP”-2), C- PjPμC,C,,PsCḡPjC-PSCf PiC-PrCḡPsC...P»PsCḡPëPr, P±C-PiCfP°PSC-Pr.

P”P°PİP°PiP»C-C,,P»PsP·PëPS

PkP°C,CḡC-PNëP·P°P»PμP¶PSPëPNë PePsC,CḡP°PSCİPİPsCḡC,PμCḡ PiP»CḡPePsP·Pë 2-PiPs
C,PëPİCf (PkP—P»PÿP”-2), CİPePëPNë PμPeCḡPiCḡPμCḡCfC”C,CHbCḡCİP PI
PİCḡPsPeCḡPëPjP°P»CHbPSPëC... PSPëCḡPePsPIPëC... PeP°PSP°P»CHbCḡCİC...,
PIC-PrPİPsPIC-PrP°C” P·P° CḡPμP°P±CḡPsCḡP±CḡCḡ P±C-P»CHbC€PsC— C±P°CḡC,PëPSPë
PIC-PrC,,C-P»CHbC,CḡPsPIP°PSPsC— PiP»CḡPePsP·Pë P· PİCḡPsCḡPIC-C,Cf
PeP°PSP°P»CHbCḡC-PI. P”P°PİP°PiP»C-C,,P»PsP·PëPS C” C-PSPiC-P±C-C,PsCḡPsPj
PkP—P»PÿP”-2. PëP»CİC...PsPj C-PSPiC-P±CfPIP°PSPSCİ PkP—P»PÿP”-2
PrP°PİP°PiP»C-C,,P»PsP·PëPS P·PjPμPSC€CfC” CḡPμP°P±CḡPsCḡP±CḡCḡ
PIC-PrC,,C-P»CHbC,CḡPsPIP°PSPsC— PiP»CḡPePsP·Pë C- P·PSPëP¶CfC” PSPëCḡPePsPIPëPNë
PİPsCḡC-Pi PrP»CİP PiP»CḡPePsP·Pë, C,PëPj CḡP°PjPëPj P·P±C-P»CHbC€CfC”
PμPeCḡPeCḡPμCḡCḡ PiP»CḡPePsP·Pë C-P· CḡPμC±PμCḡ. P”P°PİP°PiP»C-C,,P»PsP·PëPS
C,P°PePsP¶ P·PSPëP¶CfC” CḡPμP°P±CḡPsCḡP±CḡCḡ PSP°C,CḡC-Cḡ C,P°

P·P±C-P»CHC€CfC" PrPsCfC,P°PIPeCf PSP°C,CfC-Cf PrPs PrPëCfC,P°P»CHPSPëC...
PSPëCfPePsPIPëC... PeP°PSP°P»CHC†C-PI. PjPµ PjPsP¶Pµ PIPiP»PëPIP°C,Pë PSP°
PrPµPeC-P»CHPeP° C,,C-P·C-PsP»PsPiC-C†PSPëC... C,,CfPSPeC†C-PNë, PIPeP»CHC†PSPs P·C-
P·PSPëP¶PµPSPSC¶Pj C¶Pe PïPµCfPµPr-, C,P°Pe C- PïPsCfC,PSP°PIP°PSC,P°P¶PµPSPSC¶ PSP°
CfPµCfC†Pµ C,P° P·PjPµPSC€PµPSPSC¶Pj CfPëPjPiP°C,PëC†PSPsC— P°PeC,PëPIPSPsCfC,C-.

PµPµC,C,,PsCfPjC-PSCé PiC-PrCfPµC...P»PsCfPëPr

PµPµC,C,,PsCfPjC-PS C" PiC-PïPsPiP»C-PePµPjC-C†PSPëPj P·P°CfPsP±PsPj, C¶PePëPNë
PïPsPeCfP°C%oCfC" C,PsP»PµCfP°PSC,PSC-CfC,CH PrPs PiP»CHPePsP·Pë Cf
PiP°C†C-C" PSC,C-PI P· C†CfPeCfPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf,
P·PSPëP¶CfCfC†Pë P±P°P·P°P»CHPSPëPNë C,P° PïPsCfC,PiCfP°PSPrC-P°P»CHPSPëPNë
CfC-PIPSC- PiP»CHPePsP·Pë PI PiP»P°P·PjC- PeCfPsPIC-. PµPµC,C,,PsCfPjC-PS P·PSPëP¶CfC"
CfPëPSC,PµP· PiP»CHPePsP·Pë PI PiPµC†C-PSC†C-, P·PSPëP¶CfC" PICfPjPsPeC,CfPIP°PSPSC¶
PiP»CHPePsP·Pë PI PePëC€PeC-PIPSPëPeCf PNë PiC-PrPIPëC%oCfC" C†CfC,P»PëPIC-CfC,CH PrPs
C-PSCfCfP»C-PSCr C€P»C¶C...PsPj PïPsCfPëP»PµPSPSC¶ PïPµCfPëC,,PµCfPëC†PSPsPiPs
P·P°C...PsPiP»PµPSPSC¶ PNë CfC,PëP»C-P·P°C†C-C— PiP»CHPePsP·Pë. PµC-Pr C†P°Cf
P»C-PeCfPIP°PSPSC¶ PjPµC,C,,PsCfPjC-PSPsPj CfPµPeCfPµC†C-C¶ C-PSCfCfP»C-PSCr PSPµ
P·PjC-PSCfC"C,CHCfC¶, PIPsPrPSPsC†P°Cf CfC-PIPµPSCf C-PSCfCfP»C-PSCr PSP°C,C%oPµ
C,P° PrPsP±PsPIPµ P·PSP°C†PµPSPSC¶ PiP»P°P·PjPsPIPsPiPs CfC-PIPSC¶ C-PSCfCfP»C-PSCr
PjPsP¶CfC,CH P·PSPëP·PëC,PëCfC¶.

Pα°CfPjP°PePsPrPëPSP°PjC-PeP°.

P—P°PiP°P»CHPSP° C-PSC,,PsCfPjP°C†C-C¶

P"°PiP°PiP»C-C,,P»PsP·PëPS

Pj P·PrPsCfPsPIPëC... CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PµPSPSC¶ C,P°
PiP°C†C-C" PSC,C-PI P· C†CfPeCfPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf PiC-CfP»C¶
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PiP°PiP»C-C,,P»PsP·PëPSCr CfPiPsCfC,PµCfC-PiP°P»PsCfC¶
P·P±C-P»CHC€PµPSPSC¶ PeC-P»CHPePsCfC,C- PiP»CHPePsP·Pë, PIPëPIPµPrPµPSPsC— C-P·
CfPµC†PµCf. PµCfPëP±P»PëP·PSPs 70 Pi PiP»CHPePsP·Pë PIPëPIPsPrPëP»PsCfC¶ C-P·
CfPµC†PµCf P·P° PrPsP±Cf PiCfPë P·P°CfC,PsCfCfPIP°PSPSC- PrP°PiP°PiP»C-C,,P»PsP·PëPSCr
PI PrPsP·C- 5 P°P±Ps 10 PjPi PSP° PrPsP±Cf Cf PiP°C†C-C" PSC,C-PI P· C†CfPeCfPsPIPëPj
PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf PiCfPsC,C¶PiPsPj 12 C,PëP¶PSC-PI. PµP°PNëP¶Pµ
PjP°PeCfPëPjP°P»CHPSPµ PIPëPIPµPrPµPSPSC¶ PiP»CHPePsP·Pë
CfPiPsCfC,PµCfC-PiP°P»PsCfC¶ PI CfP°P·C- P·P°CfC,PsCfCfPIP°PSPSC¶
PrP°PiP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP±PsPIC-PNë PrPsP·C- 20 PjPi. PÿP°PePµ
PIPëPIPµPrPµPSPSC¶ PiP»CHPePsP·Pë P· CfPµC†PµCf PiCfPë P·P°CfC,PsCfCfPIP°PSPSC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSCr C,P°PePsP¶ PiCfPëP·PIPsPrPëC,CH PrPs
P·P±C-P»CHC€PµPSPSC¶ PsP±b¶C" PjCf CfPµC†C- (PrPëPI. CfPsP·PrC-P»
B«PµPsP±C-C†PSC- CfPµP°PeC†C-C—B»). PµC-CfP»C¶ PiCfPëPiPëPSPµPSPSC¶
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PiP°PiP»C-C,,P»PsP·PëPSCr PiC-PrPIPëC%oPµPSPëPNë
PïPsPeP°P·PSPëPe PIPëPIPµPrPµPSPSC¶ PiP»CHPePsP·Pë PïPsPIPµCfC,P°C"C,CHCfC¶ PrPs
PIPëC...C-PrPSPsPiPs CfC-PIPSC¶ PI CfPµCfPµPrPSCfPsPjCf P·P° 3 PrPSC-, C¶PeC%oPs
PrPsP·P° PrP°PiP°PiP»C-C,,P»PsP·PëPSCr CfC,P°PSPsPIPëP»P° 10 PjPi.

PµP°CfPrC-PsPµP»PµPeC,CfPµC,,C-P·C-PsP»PsPiC-C¶

PJ PrPsCfP»C-PrP¶PµPSPSC- P·P° CíC±P°CfC,Ch P·PrPsCfPsPIPëC... PsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PSPµ P±CfP»Ps
PïPsPIb¶™ C¶P·P°PSPs P· PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëPj PïPsPrPsPIP¶PµPSPSC¶Pj
C-PSC,PµCfPIP°P»Cf QTc Cí C¶P°P·C- P·P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°CfCfCHPePsPiPs
P·P°CfPsP±Cf PI PrPsP±PsPIPëC... PrPsP·P°C... PrPs 150 PjPi (PrPsP·P°, C¶PeP° Cí 15
C¶P°P·C-PI PïPµCfPµPIPëC%CfPIP°P»P° PjP°PeCfPëPjP°P»CHPSCr
C¶PµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cf). PµCfC-Pj C,PsPiPs, PeP»C-PSC-C±PSPs
P·PSP°C±CfC%PsPiPs PIPïP»PëPICr PSP° C-PSC,PµCfPIP°P» QTc PSPµ
CfPiPsCfC,PµCfC-PiP°P»PsCfC¶ PiC-CfP»C¶ P·P°CfC,PsCfCfPIP°PSPSC¶ P·PrPsCfPsPIPëPjPë
PrPsP±CfPsPIPsP»CHC†C¶PjPë PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI C¶P°P·PsPIPëC...
PrPsP·P°C... PrPs 500 PjPi (PrPsP·P°, C¶PeP° PI 50 C¶P°P·C-PI PïPµCfPµPIPëC%CfPIP°P»P°
PjP°PeCfPëPjP°P»CHPSCr C¶PµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cf).

PαP°CfPjP°PePsPeC-PSPµC,PëPeP°.

PµCfC-PiPrC±Ps PµCfPsP»PsPSPi

P—P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PµCfC-PiPrCfPs
PµCfPsP»PsPSPi P·PrPsCfPsPIPëPjPë PrPsP±CfPsPIPsP»CHC†C¶PjPë PiC-CfP»C¶
CfC,P°PSPPrP°CfC,PSPsPiPs PiC¶PëPNëPsPjCf C—P¶C- PïPsCfC-PIPSC¶PSPs P·
PiC¶PëPNëPsPjPsPj PSP°C,C%Pµ P·P°P±PµP·PiPµC±CfC” PsPrPSP°PePsPIPëPNë CfC,CfPiC-PSCH
PµPeCfPiPsP·PëC†C-C— PrP°PïP°PiP»C-C,,P»PsP·PëPSCr C,P° PjPµC,C,,PsCfPjC-PSCr
PiC¶PsP»PsPSPiPsPIP°PSPsC— PrC-C—. PµPsCfC-PIPSC¶PSPs C-P·
P·P°CfC,PsCfCfPIP°PSPSC¶Pj P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PSP°C,C%Pµ, Cí
C¶P°P·C- PNëPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶ PiC-Pr C±P°Cf CfC,P°PSPPrP°CfC,PSPsPiPs
PiC¶PëPNëPsPjCf C—P¶C- CfPiPsCfC,PµCfC-PiP°C”C,CHCfC¶ P·PjPµPSC¶PµPSPSC¶
PjP°PeCfPëPjP°P»CHPSPsC— PePsPSC†PµPSC,C¶P°C†C-C— PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PïP»P°P·PjC- PeC¶PsPIC- PSP° 35 % C,P° P·P°C,C¶PëPjPeP° PSP° 1b¶”2 PiPsPrPëPSPë C—C—
PrPsCfC¶PiPSPµPSPSC¶. PÿP°PePëPNë PIPïP»PëPI PiC¶PëPNëPsPjCf C—P¶C- PSPµ
PIPIP°P¶P°C”C,CHCfC¶ PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëPj. PµC¶PëPNëPsPj C—P¶C- PSPµ
C±PëPSPëC,CH C-CfC,PsC,PSPsPiPs PIPïP»PëPICr PSP° C,,P°C¶PjP°PePsPeC-PSPµC,PëPeCf
PjPµC,C,,PsCfPjC-PSCr Cí C¶P°P·C- PNëPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶ Cí CfPeP»P°PrC-
PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PµCfC-PiPrCfPs
PµCfPsP»PsPSPi, C,P°P±P»PµC,PsPe, PIPeC¶PëC,PëC... PïP»C-PIPePsPIPsC¶
PsP±PsP»PsPSPePsC¶, PiC¶PsP»PsPSPiPsPIP°PSPsC— PrC-C—.

P’CfPjPsPeC,C±PIP°PSPSC¶

P”P°PïP°PiP»C-C,,P»PsP·PëPS

PµC-CfP»C¶ PïPµCfPsC¶P°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶
PjP°PeCfPëPjP°P»CHPSP° PePsPSC†PµPSC,C¶P°C†C-C¶ (C_{max}) PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PïP»P°P·PjC- PeC¶PsPIC-, C¶Pe PiC¶P°PIPëP»Ps, PrPsCfC¶PiP°C”C,CHCfC¶ PiC¶PsC,C¶PiPsPj
2 PiPsPrPëPS PiC-CfP»C¶ PiC¶PëPNëPsPjCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf
PSP°C,C%Pµ. Pj C¶P°P·C- PiC-PrPIPëC%PµPSPSC¶ PrPsP·Pë PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PrC-P°PïP°P·PsPSC- C,PµC¶P°PiPµPIC,PëC±PSPëC... PrPsP· P·PSP°C±PµPSPSC¶ C_{max} C- AUC
P·P±C-P»CHC€CfC¶C,CHCfC¶ PiC¶PsPiPsC¶C†C-PNëPSPs P·P±C-P»CHC€PµPSPSC¶ PrPsP·Pë.
P¶P±CfPsP»C¶C,PSP° P±C-PsPrPsCfC,CfPiPSC-CfC,CH PrP°PïP°PiP»C-C,,P»PsP·PëPSCr
PiC-CfP»C¶ PïPµCfPsC¶P°P»CHPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶
P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PI PrPsP·C- 10 PjPi CfC,P°PSPsPIPëC,CH 78 %.

P—P°CÍC,PsCÍCfPIP°PSPSCÍ P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf P· C—P¶PµCñ P· PIPëCÍPsPePëPj PIPjC—CÍC,PsPj P¶PëCÍC—PI P·PSPëP¶CÍC" C_{max} PrP°PïP°PiP»C—C,,P»PsP·PëPSCf PSP° 50 % C— PïPsPrPsPIP¶CÍC" PïPsPeP°P·PSPëPe T_{max} PíCñPëP±P»PëP·PSPs PSP° 1 PiPsPrPëPSCf, P°P»Pµ PSPµ P·PjC—PSCñC" PïPsPeP°P·PSPëPe AUC PïPsCñC—PIPSCÍPSPs P· PíCñPëPñPsPjPsPj P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf PSP°C,C%Pµ. P|C— P·PjC—PSPë PSPµ PIPIP°P¶P°CñC,CHCÍCÍ PëP»C—PSC—C±PSPs P·PSP°C±CfC%PëPjPë C— PrP°PïP°PiP»C—C,,P»PsP·PëPS PjPsP¶PSP° P·P°CÍC,PsCÍPsPICfPIP°C,Pë PSPµP·P°P»PµP¶PSPs PIC—Pr PíCñPëPñPsPjCf C—P¶C—.

PñPµC,C,,PsCñPjC—PSCé PiC—PrCñPsC...P»PsCñPëPr

PµC—CÍP»CÍ PsPrPSPsCñP°P·PsPIPsPiPs PïPµCñPsCñP°P»CHPSPsPiPs PíCñPëPñPsPjCf PjPµC,C,,PsCñPjC—PSCf PíCñPsP»PsPSPiPsPIP°PSPsC— PrC—C— PjPµPrC—P°PSP° PrPsCÍCÍPiPSPµPSPSCÍ C_{max} PrPsCñC—PIPSCñC" 7 PiPsPrPëPSP°Pj C,P° PjP°C" PrC—P°PïP°P·PsPS PIC—Pr 4 PrPs 8 PiPsPrPëPS. PñC,CfPíC—PSCñ PICfPjPsPeC,CfPIP°PSPSCÍ PjPµC,C,,PsCñPjC—PSCf (P·P° PïPsPeP°P·PSPëPePsPj AUC) Cf CñP°P·C— PíCñPëPñPsPjCf PjPµC,C,,PsCñPjC—PSCf PíCñPsP»PsPSPiPsPIP°PSPsC— PrC—C— Cf PIPëPiP»CÍPrC— C,P°P±P»PµC,PsPe PíC—PrPIPëC%CfC"C,CHCÍCÍ PíCñPëP±P»PëP·PSPs PSP° 50 % PíCñPë PíCñPëPñPsPjC— P· C—P¶PµCñ. P'PïP»PëPICf C—P¶C— PSP° C_{max} C— T_{max} PjPµC,C,,PsCñPjC—PSCf PSPµ CÍPiPsCÍC,PµCñC—PiP°P»PsCÍCÍ.

P PsP·PïPsPrC—P»

P''P°PïP°PiP»C—C,,P»PsP·PëPS

P''P°PïP°PiP»C—C,,P»PsP·PëPS P·PIñ™ CÍP·CfC"C,CHCÍCÍ P· P±C—P»PeP°PjPë PíCñPëP±P»PëP·PSPs PSP° 91 %. Pj PïP°C†C—C"PSC,C—PI P· PïPsCñCfC€PµPSPSCÍPjPë C,,CfPSPeC†C—C— PSPëCñPsPe P°P±Ps PïPµC±C—PSPePë P·PIñ™ CÍP·CfPIP°PSPSCÍ P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf P· P±C—P»PeP°PjPë PSPµ P·PjC—PSCñC"C,CHCÍCÍ.

PñPµC,C,,PsCñPjC—PSCé PiC—PrCñPsC...P»PsCñPëPr

P''PsCÍP»C—PrP¶PµPSPSCÍ CñPsP·PïPsPrC—P»Cf PjPµC,C,,PsCñPjC—PSCf PíCñPsP»PsPSPiPsPIP°PSPsC— PrC—C— PSPµ PíCñPsPIPsPrPëP»PëCÍCÍ; PíCñPsC,Pµ PíC—CÍP»CÍ PsPrPSPsCñP°P·PsPIPsPiPs PïPµCñPsCñP°P»CHPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCÍ PjPµC,C,,PsCñPjC—PSCf PePsCñPsC,PePsC— PrC—C— Cf PrPsP·C— 850 PjPi PñPsPiPs CfCÍPIPSPëPñ PsP±ñ™ C"Pj CñPsP·PïPsPrC—P»Cf (V/F) CÍC,P°PSPsPIPëPI Cf CÍPµCñPµPrPSCñPsPjCf 654 B± 358 P». PñPµC,C,,PsCñPjC—PS PSPµP·PSP°C±PSPsCñ PjC—CñPsCñ P·PIñ™ CÍP·CfC"C,CHCÍCÍ P· P±C—P»PeP°PjPë PïP»P°P·PjPë PeCñPsPIC—, PSP° PIC—PrPjC—PSCf PIC—Pr CÍCfP»CHC,,PsPSC—P»CÍPµC±PsPIPëPSPë, CÍC,CfPíC—PSCñ P·PIñ™ CÍP·CfPIP°PSPSCÍ P· P±C—P»PeP°PjPë CÍPePsC— CÍC,P°PSPsPIPëC,CH P±C—P»CHC€Pµ 90 %. PñPµC,C,,PsCñPjC—PS PíCñPsPSPëPeP°C" PI PµCñPëC,CñPsC†PëC,Pë.

PñPµC,P°P±PsP»C—P·Pj

P''P°PïP°PiP»C—C,,P»PsP·PëPS

PñPµC,P°P±PsP»C—P·Pj PrP°PïP°PiP»C—C,,P»PsP·PëPSCf PsPïPsCÍPµCñPµPrPePsPICfC"C,CHCÍCÍ PïPµCñPµPIP°P¶PSPs UGT1A9; PjPµC,P°P±PsP»C—P·Pj, PsPïPsCÍPµCñPµPrPePsPIP°PSPëPñ CYP, Cf P»CñPrPµPñ PSPµP·PSP°C±PSPëPñ. P''P°PïP°PiP»C—C,,P»PsP·PëPS C—PSC,PµPSCÍPëPIPS PjPµC,P°P±PsP»C—P·CfC"C,CHCÍCÍ PSP°CÍP°PjPïPµCñPµPr P· CfC,PIPsCñPµPSPSCÍPj PrP°PïP°PiP»C—C,,P»PsP·PëPSCf 3-O-

PiP»CĤPeCřCĤPsPSC-PrCř, C%Ps C" PSPµP°PeC,PëPIPSPëPj PjPµC,P°P±PsP»C-C,PSPj.
P"°P°PiP°PiP»C-C,,P»PsP·PëPSCř 3-Pĥ-PiP»CĤPeCřCĤPsPSC-Pr CřC,P°PSPsPIPëC,CH 61 % PIC-Pr
PrPsP·Pë [14PŸ]-PrP°PiP°PiP»C-C,,P»PsP·PëPSCř 50 PjPi C- C" PiPµCĤPµPIP°P¶P°CĤC†PëPj Cř
PiP»P°P·PjC- PeCĤPsPIC- P»CĤPrPëPSPë PePsPjPiPsPSPµPSC,PSPj, PiPsPIĤĤ™ CĤP·P°PSPëPj P·
P»C-PeP°CĤCřCĤPePëPj P·P°CřPsP±PsPj.

PĥPµC,C,,PsCĤPjC-PSCž PiC-PrCĤPsC...P»PsCĤPëPr

P"°P°CřP»C-PrP¶PµPSPSCĤ P· PIPSCřC,CĤC-CëPSCĤPsPIPµPSPSPëPj PIPiPµPrPµPSPSCĤPj
PsPrPSPsCĤP°P·PsPIPsC— PrPsP·Pë P·PrPsCĤPsPIPëPj PrPsP±CĤPsPIPsP»CHC†CĤPj
PiPsPeP°P·P°P»Pë, C%Ps PjPµC,C,,PsCĤPjC-PS PµPeCřPeCĤPµC,CřC"C,CHCřCĤ Cř
PSPµP·PjC-PSPµPSPsPjCř PIPëPiP»CĤPrC- P· CřPµC†PµCĤ C,P° PSPµ PiC-PrPrP°C"C,CHCřCĤ
PjPµC,P°P±PsP»C-P·PjCř PI PiPµC†C-PSC†C- (Cř P»CĤPrPµPNë PSPµ P±CřP»Ps
PIPëCĤPIP»PµPSPs PSC-CĤPePëC... PjPµC,P°P±PsP»C-C,C-PI) P°P±Ps PIPëPIPµPrPµPSPSCĤ P·
P¶PsPIC†CĤ.

P"°P°CřP»C-PrP¶PµPSPSCĤ PjPµC,P°P±PsP»C-P·PjCř PjPµC,C,,PsCĤPjC-PSCř
PiCĤPsP»PsSPiPsPIP°PSPsC— PrC-C— Cř CĤP°P·C- P·P°CřC,PSCřCřPIP°PSPSCĤ
P»C-PeP°CĤCřCĤPePsPiPs P·P°CřPsP±Cř PI C,P°P±P»PµC,PeP°C... PSPµ
PiCĤPsPIPsPrPëP»PëCřCĤ.

P'PëPIPµPrPµPSPSCĤ

P"°P°PiP°PiP»C-C,,P»PsP·PëPS

P"°P°PiP°PiP»C-C,,P»PsP·PëPS C- PiPsPIĤĤ™ CĤP·P°PSC- P· PSPëPj PjPµC,P°P±PsP»C-C,Pë PI
PsCřPSPsPIPSsPjCř PIPëPIPsPrCĤC,CHCřCĤ CëP»CĤC...PsPj PµPeCřPeCĤPµC†C-C— C-P·
CřPµC†PµCĤ. PµC-CřP»CĤ P·P°CřC,PSCřCřPIP°PSPSCĤ [14PŸ]-PrP°PiP°PiP»C-C,,P»PsP·PëPSCř
PI CĤP°P·PsPIC-PNë PrPsP·C- 50 PjPi 75 % C- 21 % P·P°PiP°P»CHPSPsC—
CĤP°PrC-PsP°PeC,PëPIPSsCřC,C- PIPëPIPsPrPëC,CHCřCĤ PIC-PrPiPsPIC-PrPSPs C-P·
CřPµC†PµCĤ C,P° PeP°P»PsPj. P†P· CřPµC†PµCĤ PjPµPSCëPµ 2 % PrPsP·Pë
P»C-PeP°CĤCřCĤPePsPiPs P·P°CřPsP±Cř PIPëPIPsPrPëC,CHCřCĤ Cř PSPµP·PjC-PSPµPSPsPjCř
PIPëPiP»CĤPrC-. P— PeP°P»PsPj Cř PSPµP·PjC-PSPµPSPsPjCř PIPëPiP»CĤPrC-
PIPëPIPsPrPëC,CHCřCĤ PiCĤPëP±P»PëP·PSPs 15 % PrPsP·Pë P»C-PeP°CĤCřCĤPePsPiPs
P·P°CřPsP±Cř. PŸPµCĤPµPrPSC-PNë PeC-PSC†PµPIPëPNë PiPµCĤC-PsPr
PSP°PiC-PIIPëPIPµPrPµPSPSCĤ PrP°PiP°PiP»C-C,,P»PsP·PëPSCř P· PiP»P°P·PjPë PeCĤPsPIC-
(t_{1/2}) CřC,P°PSPsPIPëC,CH PiCĤPëP±P»PëP·PSPs 12,9 PiPsPrPëPSPë PiC-CřP»CĤ
PsPrPSPsCĤP°P·PsPIPsPiPs PiPµCĤPsCĤP°P»CHPSPsPiPs PiCĤPëPNëPsPjCř
PrP°PiP°PiP»C-C,,P»PsP·PëPSCř PI PrPsP·C- 10 PjPi.

PĥPµC,C,,PsCĤPjC-PSCž PiC-PrCĤPsC...P»PsCĤPëPr

PĥPëCĤPePsPIPëPNë PeP»C-CĤPµPSCř PjPµC,C,,PsCĤPjC-PSCř PiPµCĤPµPIPëC%CrC"
PeP»C-CĤPµPSCř PeCĤPµP°C,PëPSC-PSCř PiCĤPëP±P»PëP·PSPs PI 3,5 CĤP°P·P°, C%Ps
PIPeP°P·CřC" PSP° PeP°PSP°P»CHC†PµPICř CřPµPeCĤPµC†C-CĤ CĤPe PSP° PsCřPSPsPIPSPëPNë
CëP»CĤC... PµP»C-PjC-PSP°C†C-C— PjPµC,C,,PsCĤPjC-PSCř. PµC-CřP»CĤ
PiPµCĤPsCĤP°P»CHPSPsPiPs P·P°CřC,PSCřCřPIP°PSPSCĤ PjPµC,C,,PsCĤPjC-PSCř
PiCĤPëP±P»PëP·PSPs 90 % P»C-PeP°CĤCřCĤPePsPiPs P·P°CřPsP±Cř, C%Ps
PICřPjPsPeC,P°PICřCĤ, PIPëPIPsPrPëC,CHCřCĤ PSPëCĤPeP°PjPë PiCĤPsC,CĤPiPsPj
PiPµCĤCëPëC... 24 PiPsPrPëPS. PµPµCĤC-PsPr PSP°PiC-PIIPëPIPµPrPµPSPSCĤ P· PiP»P°P·PjPë
PeCĤPsPIC- CřC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 6,2 PiPsPrPëPSPë. PµPµCĤC-PsPr
PSP°PiC-PIIPëPIPµPrPµPSPSCĤ C-P· PeCĤPsPIC- CřC,P°PSPsPIPëC,CH PiCĤPëP±P»PëP·PSPs

17,6 PiPsPrPëPSPë, C%Ps PIPeP°P·CfC" PSP° PjPsP¶P»PëPICf CfC±P°CfC,CH
PµCjPëC,CjPsCtPëC,C-PI PI CjPsP»C- PrPµPiPs CjPsP·PiPsPrC-P»Cf
P»C-PeP°CjCfCHPePsPiPs P·P°CfPsP±Cf.

PhPeCjPµPjC- PiCjCzPiPë PiP°CtC-C"PSC,C-PI

PµP°CtC-C"PSC,Pë P· PiPsCjCzCεPµPSPSC¶Pj C,,CzPSPeCtC-C— PSPëCjPsPe

P"°PiP°PiP»C-C,,P»PsP·PëPS

PµCjPë CjC-PIPSsPIP°P¶PSC-PNë PePsPSCtPµPSC,CjP°CtC-C— P»C-PeP°CjCfCHPePsPiPs
P·P°CfPsP±Cf (20 PjPi PrP°PiP°PiP»C-C,,P»PsP·PëPSCf PsPrPëPS CjP°P· PSP° PrPsP±Cf
PiCjPsC,C¶PiPsPj 7 PrPSC-PI) PiP°CtC-C"PSC,Pë P· CtCfPeCjPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs
C,PëPiCf C,P° P· PiPsCjCfCεPµPSPSC¶PjPë C,,CfPSPeCtC-C— PSPëCjPsPe P»PµPiPePsPiPs,
PiPsPjC-CjPSPsPiPs P°P±Ps C,C¶P¶PePsPiPs CfC,CfPiPµPSC¶ (C%Ps P±CfP»Ps
PIPëP·PSP°CtPµPSPs P·P° CjPsP·CjP°C...PsPIP°PSPsCf CεPIPëPrPeC-CfC,CH
PeP»CfP±PsCtPePsPiPsC— C,,C-P»CHC,CjP°CtC-C— (CjPëPµPα)) PjP°P»Pë
PiPµPsPjPµC,CjPëCtPSC- CfPµCjPµPrPSC- P·PSP°CtPµPSPSC¶ CfPëCfC,PµPjPSPsC—
PµPeCfPiPsP·PëCtC-C— PrP°PiP°PiP»C-C,,P»PsP·PëPSCf, C¶PeC- P±CfP»Pë PIPëC%PëPjPë PSP°
45 %, PI 2,04 C- 3,03 CjP°P·P° PIC-PrPiPsPIC-PrPSPs, PSC-P¶ P°PSP°P»PsPiC-CtPSC-
PiPsPeP°P·PSPëPePë Cf PiP°CtC-C"PSC,C-PI P· CtCfPeCjPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs
C,PëPiCf P· PSPsCjPjP°P»CHPSPsCf C,,CfPSPeCtC-C"Cf PSPëCjPsPe. P'PëC%P°
CfPëCfC,PµPjPSP° PµPeCfPiPsP·PëCtC-C¶ PrP°PiP°PiP»C-C,,P»PsP·PëPSCf Cf
PiP°CtC-C"PSC,C-PI P· CtCfPeCjPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf C,P° P·
PiPsCjCfCεPµPSPSC¶PjPë C,,CfPSPeCtC-C— PSPëCjPsPe PSPµ PiCjPëP·PiPsPrPëP»P° PrPs
PIPëC%PsC— PrPsP±PsPiPsC— PµPeCfPeCjPµCtC-C— PiP»CHPePsP·Pë. P"PsP±PsPIP°
PµPeCfPeCjPµCtC-C¶ PiP»CHPePsP·Pë P· CfPµCtPµCf PiCjPë CjC-PIPSsPIP°P¶PSC-PNë
PePsPSCtPµPSC,CjP°CtC-C— P»C-PeP°CjCfCHPePsPiPs P·P°CfPsP±Cf Cf PiP°CtC-C"PSC,C-PI
P· CtCfPeCjPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf C,P° P· PiPsCjCfCεPµPSPSC¶PjPë
C,,CfPSPeCtC-C— PSPëCjPsPe P»PµPiPePsPiPs, PiPsPjC-CjPSPsPiPs P°P±Ps C,C¶P¶PePsPiPs
CfC,CfPiPµPSC¶ P±CfP»P° PIC-PrPiPsPIC-PrPSPs PSP° 42 %, 80 % C- 90 % PSPëP¶CtPsCf,
PSC-P¶ Cf PiP°CtC-C"PSC,C-PI P· CtCfPeCjPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf P·
PSPsCjPjP°P»CHPSPsCf C,,CfPSPeCtC-C"Cf PSPëCjPsPe. P'PiP»PëPI PiPµPjPsPrC-P°P»C-P·Cf
PSP° PµPeCfPiPsP·PëCtC-Cf PrP°PiP°PiP»C-C,,P»PsP·PëPSCf PSPµPIC-PrPsPjPëPNë (PrPëPI.
CjPsP·PrC-P»Pë B«PÿPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSC¶ C,P° PrPsP·PëB»,
B«PhCfPsP±P»PëPiPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B» C,P° PiC-PrCjPsP·PrC-P»
B«P—P°CfC,PsCfCfPIP°PSPSC¶ PsCfPsP±P»PëPiPëPj PiCjCfPiP°Pj PiP°CtC-C"PSC,C-PIB»).

PhPµC,C,,PsCjPjC-PSCz PiC-PrCjPsC...P»PsCjPëPr

Pj PiP°CtC-C"PSC,C-PI P·C- P·PSPëP¶PµPSPsCf C,,CfPSPeCtC-C"Cf PSPëCjPsPe PiPµCjC-PsPr
PSP°PiC-PIPIPëPiPµPrPµPSPSC¶ PjPµC,C,,PsCjPjC-PSCf P· PiP»P°P·PjPë PeCjPsPIC- C,P°
PeCjPsPIC- PiPsPrPsPIP¶CfC"C,CHCfC¶ C- P·PSPëP¶CfC"C,CHCfC¶ PSPëCjPePsPIPëPNë
PeP»C-CjPµPSCf (PrPëPI. CjPsP·PrC-P»Pë B«PµCjPsC,PëPiPsPeP°P·P°PSPSC¶B» C,P°
B«PhCfPsP±P»PëPiPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B»).

PµP°CtC-C"PSC,Pë P· PiPsCjCzCεPµPSPSC¶Pj C,,CzPSPeCtC-C— PiPµCtC-PSPePë

P"°PiP°PiP»C-C,,P»PsP·PëPS

Pj PiP°CtC-C"PSC,C-PI P· PiPsCjCfCεPµPSPSC¶Pj C,,CfPSPeCtC-C— PiPµCtC-PSPePë
P»PµPiPePsPiPs P°P±Ps PiPsPjC-CjPSPsPiPs CfC,CfPiPµPSC¶ (PeP»P°Cf Ph C- P' P·P°

PeP»P°CÍPëC,,C-PeP°C†C-C"CH PŞP°PNëP»PrP° Bḡ“ PıBḡ™CH) CÍPıCḡPıPrPSC-
PİPsPeP°P·PSPëPePë C_{max} C- AUC PrP°PİP°PiP»C-C,,P»PsP·PëPSCr P±CfP»Pë
PIC-PrPİPsPIC-PrPSPs PSP° 12 % C- 36 % PİPëC%oPëPjPë PİPsCḡC-PIPSCİPSPs P·
PİPsPeP°P·PSPëPeP°PjPë PİC-PrC-P±CḡP°PSPëC... P·P° PİPıPIPSPëPjPë PİP°CḡP°PjPıC,CḡP°PjPë
P·PrPsCḡPsPIPëC... CÍC†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PıPSPSCİ PI
PePsPSC,CḡPsP»CHPSC-PNë PiCḡCfPİC- PİC-CÍP»Cİ CḡP°P·PsPIPsPiPs
P·P°CÍC,PSCÍCfPIP°PSPSCİ PrP°PİP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP·C- 10 PjPi. PİC-
PIC-PrPjC-PSPSPSCÍC,C- PSPı CḡPsP·PiP»CİPrP°P»PëCÍCİ CİPe PeP»C-PSC-C†PSPs
P·PSP°C†CfC%oC-. PJ PİP°C†C-C"PSC,C-PI P· PİPsCḡCfC€PıPSPSCİPjPë C,,CfPSPeC†C-C—
PİPıC†C-PSPePë C,CİP¶PePsPiPs CÍC,CfPİPıPSCİ (PeP»P°CÍ PŸ P·P°
PeP»P°CÍPëC,,C-PeP°C†C-C"CH PŞP°PNëP»PrP° Bḡ“ PıBḡ™CH) CÍPıCḡPıPrPSC-
PİPsPeP°P·PSPëPePë C_{max} C- AUC PrP°PİP°PiP»C-C,,P»PsP·PëPSCr P±CfP»Pë
PIC-PrPİPsPIC-PrPSPs PSP° 40 % C- 67 % PİPëC%oPëPjPë PİPsCḡC-PIPSCİPSPs P·
PİPsPeP°P·PSPëPeP°PjPë PİC-PrC-P±CḡP°PSPëC... P·P° PİPıPIPSPëPjPë PİP°CḡP°PjPıC,CḡP°PjPë
P·PrPsCḡPsPIPëC... CÍC†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PıPSPSCİ PI
PePsPSC,CḡPsP»CHPSC-PNë PiCḡCfPİC-.

PıPıC,C,,PsCḡPjC-PSCé PiC-PrCḡPsC...P»PsCḡPëPr

PıP°CḡPjP°PePsPeC-PSPıC,PëC†PSC- PrPsCÍP»C-PrP¶PıPSPSCİ PjPıC,C,,PsCḡPjC-PSCr P·P°
CÍC†P°CÍC,CH PİP°C†C-C"PSC,C-PI P· PİPsCḡCfC€PıPSPSCİPjPë C,,CfPSPeC†C-C—
PİPıC†C-PSPePë PSPı PiCḡPsPIPsPrPëP»PëCÍCİ (PrPëPI. CḡPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PSCÍCfPIP°PSPSCİB»).

PıP°C†C-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCé

P"°PİP°PiP»C-C,,P»PsP·PëPS

P—P° PrP°PSPëPjPë PİPsPiCfP»CİC†C-PNëPSPsPiPs C,,P°CḡPjP°PePsPeC-PSPıC,PëC†PSPsPiPs
P°PSP°P»C·P·Cf PIC-Pe PSPı PjP°C" PeP»C-PSC-C†PSPs P·PSP°C†CfC%oPsPiPs PİPİP»PëPICr
PSP° CÍPëCÍC,PıPjPSCr PıPeCÍPİPsP·PëC†C-CH PrP°PİP°PiP»C-C,,P»PsP·PëPSCr; C,P°PePëPj
C†PëPSPsPj, PePsCḡPıPeC†C-Cİ PrPsP·Pë P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±Cf PSPı
PİPsC,CḡC-P±PSP°.

PıPıC,C,,PsCḡPjC-PSCé PiC-PrCḡPsC...P»PsCḡPëPr

P"¶CİPeC- PrP°PSC-, PsC,CḡPëPjP°PSC- CÍ C...PsPrC- PİCḡPsPIPıPrPıPSPSCİ
PePsPSC,CḡPsP»CHPsPIP°PSPëC... C,,P°CḡPjP°PePsPeC-PSPıC,PëC†PSPëC...
PrPsCÍP»C-PrP¶PıPSPCH PjPıC,C,,PsCḡPjC-PSCr P·P° CÍC†P°CÍC,CH P·PrPsCḡPsPIPëC...
PsCÍC-P± P»C-C,PSCHPsPiPs PIC-PeCf, CÍPIC-PrC†P°C,CH PİCḡPs C,Pı, C%oPs
P·P°PİP°P»CHPSPëPNë PİP»P°P·PjPsPIPëPNë PeP»C-CḡPıPSCr PjPıC,C,,PsCḡPjC-PSCr
P·PSPëP¶CfC"C,CHCÍCİ, PİPıCḡC-PsPr PSP°PİC-PIPİPëPIPıPrPıPSPSCİ
P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±Cf PİPsPrPsPIP¶CfC"C,CHCÍCİ C- C_{max}
P·P±C-P»CHC€CfC"C,CHCÍCİ PİPsCḡC-PIPSCİPSPs P· P°PSP°P»PsPiC-C†PSPëPjPë
PİPsPeP°P·PSPëPeP°PjPë CÍ P·PrPsCḡPsPIPëC... PsCÍC-P± PjPsP»PsPrC€PsPiPs PIC-PeCf.

PŸP°PePëPj C†PëPSPsPj, P·PjC-PSP° C,,P°CḡPjP°PePsPeC-PSPıC,PëPePë PjPıC,C,,PsCḡPjC-PSCr P·
PIC-PePsPj, PİPıCḡC€ P·P° PICÍPı, PİPsCİCÍPSCHC"C,CHCÍCİ P·PjC-PSPSCḡ
C,,CfPSPeC†C-C— PSPëCḡPsPe.

РμРμРrC-Р°C,СҢРёC±PSP° PīPsPīCfP»CЦC†C-СЦ

РᄡP°СҢРјP°PePsPeC-PSPμC,РёPeP° P»C-РeP°СҢCfCHPePsPiPs P·P°CfPsP±Cf PᄡCfC-PiPrCfPs
РμСҢPsP»PsPSPi PI PīPμPrC-Р°C,СҢРёC±PSC-PNᄡ PīPsPīCfP»CЦC†C-C— PSPμ
PIPёPIC±P°P»P°CfCH.

РҮC,Р°C,СҢ

P''P°PīP°PiP»C-C,,P»PsP·PёPS

P—P° PrP°PSPёPjPё PīPsPīCfP»CЦC†C-PNᄡPSPsPiPs C,,P°СҢРјP°PePsPeC-PSPμC,РёC±PSPsPiPs
P°PSP°P»C-P·Cf CfC,P°C,СҢ PīP°C†C-C''PSC,P° PSPμ PjP°C'' PeP»C-PSC-C±PSPs
P·PSP°C±CfC%PsPiPs PIPiP»PёPICf PSP° CfPёCfC,PμPjPSCf PμPeCfPīPsP·PёC†C-СҢ
PrP°PīP°PiP»C-C,,P»PsP·PёPSCf; C,P°PePёPj C±PёPSPsPj, PePsСҢРμPeC†C-СЦ PrPsP·Pё
P»C-РeP°СҢCfCHPePsPiPs P·P°CfPsP±Cf PSPμ PīPsC,СҢC-P±PSP°.

PᄡPμC,C,,PsСҢРјC-PSCз PiC-PrСҢPsC...P»PsСҢРёPr

РᄡP°СҢРјP°PePsPeC-PSPμC,РёC±PSC- PīP°СҢР°PjPμC,СҢРё PjPμC,C,,PsСҢРјC-PSCf Cf
P·PrPsСҢPsPIPёC... PsCfC-P± C- PīP°C†C-C''PSC,C-PI P· C†CfPeСҢPsPIPёPj PrC-P°P±PμC,PsPj 2-
PiPs C,PёPīCf CfCfC,C,C''PIPs PSPμ PIC-PrСҢC-P·PSCЦP»PёCfCЦ PīC-Pr C±P°Cf
PīСҢPsPIPμPrPμPSPSCЦ P°PSP°P»C-P·Cf PrP°PSPёC... P·P° PsP·PSP°PePsСҢ CfC,P°C,C-
(C±PsP»PsPIC-PePё 19, P¶C-PSPePё = 16). PᄡСҢC-Pj C,PsPiPs, PI
PePsPSC,СҢPsP»СҢPsPIP°PSPёC... PeP»C-PSC-C±PSPёC... PrPsCfP»C-PrP¶PμPSPSCЦC... Cf
PīP°C†C-C''PSC,C-PI P· C†CfPeСҢPsPIPёPj PrC-P°P±PμC,PsPj 2-PiPs C,PёPīCf
PiC-PīPsPiP»C-PePμPjC-C±PSPёPNᄡ PμC,,PμPeC, PjPμC,C,,PsСҢРјC-PSCf P±CfPI
PīPsСҢC-PIPSЦPSPSPёPj Cf C±PsP»PsPIC-PeC-PI C- P¶C-PSPsPe.

Р P°CfPsPIP° PSP°P»PμP¶PSC-CfC,СҢ

P''P°PīP°PiP»C-C,,P»PsP·PёPS

P—P° PrP°PSPёPjPё PīPsPīCfP»CЦC†C-PNᄡPSPsPiPs C,,P°СҢРјP°PePsPeC-PSPμC,РёC±PSPsPiPs
P°PSP°P»C-P·Cf СҢP°CfPsPIP° PSP°P»PμP¶PSC-CfC,СҢ PīP°C†C-C''PSC,P°
B (PīСҢРμPrCfC,P°PIPSPёPePё C''PICҢPsPīPμPsC—PrPSPsC—, PSPμPiСҢPsC—PrPSPsC—
СҢP°CfPё P°P±Ps P°P·C-P°C,CfCHPePsPiPs PīPsC...PsPrP¶PμPSPSCЦ) PSPμ PjP°C''
PeP»C-PSC-C±PSPs P·PSP°C±CfC%PsPiPs PIPiP»PёPICf PSP° CfPёCfC,PμPjPSCf
PμPeCfPīPsP·PёC†C-СҢ PrP°PīP°PiP»C-C,,P»PsP·PёPSCf; C,P°PePёPj C±PёPSPsPj,
PePsСҢРμPeC†C-СЦ PrPsP·Pё P»C-РeP°СҢCfCHPePsPiPs P·P°CfPsP±Cf PSPμ
PīPsC,СҢC-P±PSP°.

PᄡPμC,C,,PsСҢРјC-PSCз PiC-PrСҢPsC...P»PsСҢРёPr

P''PsCfP»C-PrP¶PμPSPSCЦ C,,P°СҢРјP°PePsPeC-PSPμC,РёC±PSPёC... PīP°СҢР°PjPμC,СҢC-PI
PjPμC,C,,PsСҢРјC-PSCf P·P°P»PμP¶PSPs PIC-Pr СҢP°CfPsPIPsC— PSP°P»PμP¶PSPsCfC,C-
PīP°C†C-C''PSC,P° PSPμ PīСҢPsPIPsPrPёP»PёCfCЦ. Pj C...PsPrC- PīСҢPsPIPμPrPμPSPSCЦ
PePsPSC,СҢPsP»СҢPsPIP°PSPёC... PeP»C-PSC-C±PSPёC... PrPsCfP»C-PrP¶PμPSCH
P·P°CfC,PsCfCfPīP°PSPSCЦ PjPμC,C,,PsСҢРјC-PSCf PīP°C†C-C''PSC,P°Pj P· C†CfPeСҢPsPIPёPj
PrC-P°P±PμC,PsPj 2-PiPs C,PёPīCf PiC-PīPsPiP»C-PePμPjC-C±PSPёPNᄡ PμC,,PμPeC, P±CfPI
PīPsСҢC-PIPSЦPSPSPёPj Cf PīСҢРμPrCfC,P°PIPSPёPeC-PI C''PICҢPsPīPμPsC—PrPSPsC—
(n = 249), PSPμPiСҢPsC—PrPSPsC— (n = 51) СҢP°CfPё C,P° PIPёC...C-PrC†C-PI P·
P>P°C,PёPSCfCHPePsC— PᄡPjPμСҢРёPePё (n = 24).

PhPrPSPSc†P°CÍPSPs	PhPμC,C,,PsCḡPjC-PS	PhPμC,C,,PsCḡPjC-PS	
P·P°CÍC,PsCÍPsPICrPIP°PSPëPN ₂ (CḡPμP¶PëPj			
P»C-PeP°CḡCÍCHPePëPN ₂	PrPsP·CfPIP°PSPSCİ)*P—PjC-PSP°	P—PjC-PSP°	
P·P°CÍC-P±	PİPsPeP°P·PSPëPeC-PI ^{БҒ}	PİPsPeP°P·PSPëPeC-PI ^{БҒ}	
(CḡPμP¶PëPj	AUC ^{БҒҮ}	C _{max}	
PrPsP·CfPIP°PSPSCİ)*			
<i>PлPsCḡPëPiCзPIP°PSPSCİ PrPsP·Pë PSPμ PIPëPjP°PiP°P»PsCÍCİ PrP»Cİ C,P°PePëC...</i>			
<i>P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI:</i>			
P«P»C-P±CfCḡPëPr (5 PjPi)	850 PjPi	↓ 9 % ^{Б§}	↓ 7 % ^{Б§}
PαCfCḡPsCÍPμPjC-Pr (40 PjPi)	850 PjPi	↑ 15 % ^{Б§}	↑ 22 % ^{Б§}
PкC-C,,PμPrPëPiC-PS (10 PjPi)	850 PjPi	↑ 9 %	↑ 20 %
PμCḡPsPiCḡP°PSPsP»PsP» (40 PjPi)	850 PjPi	↓ 10 %	↓ 6 %
P†P±CfPİCḡPsC,,PμPS (400 PjPi)	850 PjPi	↑ 5 % ^{Б§}	↑ 7 % ^{Б§}
<i>P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, CİPeC- PIPëPIPsPrCİC,CHCÍCİ PSPëCḡPeP°PjPë</i>			
<i>CєP»CİC...PsPj PeP°PSP°P»CHC†PμPIPsC— CÍPμPeCḡPμC†C-C—, PjPsP¶CзC,CH</i>			
<i>PİPsCÍPëP»CḡPIP°C,Pë PeCзPjCзP»CİC†C-Cḡ PjPμC,C,,PsCḡPjC-PSCз (PrPëPI. CḡPsP·PrC-P»</i>			
<i>B«P'P·P°C" PjPsPrC-Cİ P·C-PSCєPëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCєC-</i>			
<i>PIPëPrPë PIP·P°C" PjPsPrC-PN₂B»).</i>			
PİPëPjPμC,PëPrPëPS (400 PjPi)	850 PjPi	↑ 40 %	↑ 60 %

* PhPμC,C,,PsCḡPjC-PS C- PICÍC- PsPrPSPSc†P°CÍPSPs P·P°CÍC,PsCÍPsPICrPIP°PSC-
P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë P·P°CÍC,PsCÍPsPICrPIP°P»PëCÍCİ Cr PIPëPiP»CİPrC-
CḡP°P·PsPIPëC... PrPsP·.

^{БҒ} P'C-PrCÍPsC,PePsPIP° P·PjC-PSP° (P-/P±PμP· PsPrPSPSc†P°CÍPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±Cf C- P±PμP· P·PjC-PSPë =
0 %); ↑ C- ↓ PIPeP°P·CfCḡC,CH PIC-PrPİPsPIC-PrPSPs PSP° P·P±C-P»CHCєPμPSPSCİ C-
P·PjPμPSCєPμPSPSCİ PμPeCÍPİPsP·PëC†C-C—.

^{БҒҮ} AUC = AUC(INF) (PİP»PsC%oP° PİC-Pr PeCḡPëPIPsCḡ PePsPSC†PμPSC,CḡP°C†C-Cİ/C†P°CÍ,
PμPeCÍC,CḡP°PİPsP»CHPsPIP°PSP° PrPs PSPμCÍPeC-PSC†PμPSPSPsCÍC,C-).

^{Б§} PŸPİC-PIPIC-PrPSPScєPμPSPSCİ CÍPμCḡPμPrPSC-C... P°CḡPëC,,PjPμC,PëC†PSPëC...
P·PSP°C†PμPSCḡ.

P'PİP»PëPI PjPμC,C,,PsCḡPjC-PSCз PSP° C-PSCєC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë

Pj C,P°P±P»PëC†C- PSPëP¶C†Pμ PİCḡPμPrCÍC,P°PIP»PμPSC- PμC,,PμPeC,Pë
PjPμC,C,,PsCḡPjC-PSCr PSP° C-PSCєC- PsPrPSPSc†P°CÍPSPs P·P°CÍC,PsCÍPsPICrPIP°PSC-
P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë.

PŸP°P±P»PëC†Cİ 2

P'PİP»PëPI PjPμC,C,,PsCḡPjC-PSCз PSP° CÍPëCÍC,PμPjPSCз
PμPeCÍPİPsP·PëC†C-Cḡ PsPrPSPSc†P°CÍPSPs
P·P°CÍC,PsCÍPsPICзPIP°PSPëC... P»C-PeP°CḡCÍCHPePëC...
P·P°CÍPsP±C-PI

PhPrPSPSc†P°CÍPSPs	PhPμC,C,,PsCĤPjC-PS	PhPrPSPSc†P°CÍPSPs	
P·P°CÍC,PsCÍPsPICrPIP°PSPëPN ₂ (CĤPμP¶PëPj		P·P°CÍC,PsCÍPsPICrPIP°PSPëPN ₂	
P»C-PeP°CĤCÍCHPePëPN ₂	PrPsP·CfPIP°PSPSCĬ)*	P»C-PeP°CĤCÍCHPePëPN ₂	P·P°CÍC-P±
P·P°CÍC-P±		P—PjC-PSP°	P—PjC-PSP°
(CĤPμP¶PëPj		PİPsPeP°P·PSPëPeC-PI ^{BĤ}	PİPsPeP°P·PSPëPeC-PI ^{BĤ}
PrPsP·CfPIP°PSPSCĬ)*		AUC ^{BĤŸ}	C _{max}
<i>PμPsCĤPëPiCžPIP°PSPSCĬ PrPsP·Pë PSPμ PIPëPjP°PiP°P»PsCÍCĬ PrP»CĬ C,P°PePëC...</i>			
<i>P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI:</i>			
P“P»C-P±CfCĤPëPr (5 PjPi)	850 PjPi	↓ 22 % ^{B§}	↓ 37 % ^{B§}
PαCfCĤPsCÍPμPjC-Pr (40 PjPi)	850 PjPi	↓ 12 % ^{B§}	↓ 31 % ^{B§}
PkC-C,,PμPrPëPiC-PS (10 PjPi)	850 PjPi	↑ 10 % ^{B¶}	↑ 8 %
PμCĤPsPiCĤP°PSPsP»PsP» (40 PjPi)	850 PjPi	↑ 1 % ^{B¶}	↑ 2 %
P†P±CfPiCĤPsC,,PμPS (400 PjPi)	850 PjPi	↓ 3 % [#]	↑ 1 % [#]
PİPëPjPμC,PëPrPëPS (400 PjPi)	850 PjPi	↓ 5 % ^{B¶}	↑ 1 %

* PhPμC,C,,PsCĤPjC-PS C- PICÍC- PsPrPSPSc†P°CÍPSPs P·P°CÍC,PsCÍPsPICrPIP°PSC-
P»C-PeP°CĤCÍCHPeC- P·P°CÍPsP±Pë P·P°CÍC,PsCÍPsPICrPIP°P»PëCÍCĬ CÍ PIPëPiP»CĬPrC-
CĤP°P·PsPIPëC... PrPsP·.

^{BĤ} P'C-PrCÍPsC,PePsPIP° P·PjC-PSP° (P-/P±PμP· PsPrPSPSc†P°CÍPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCĬ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ C- P±PμP· P·PjC-PSPë =
0 %); ↑ C- ↓ PIPeP°P·CfCĤC,CH PIC-PrPİPsPIC-PrPSPs PSP° P·P±C-P»CHC€PμPSPSCĬ C-
P·PjPμPSC€PμPSPSCĬ PμPeCÍPiPsP·PëC†C-C—.

^{BĤŸ} AUC = AUC(INF) (PiP»PsC%oP° PiC-Pr PeCĤPëPIPsCĤ PePsPSC†PμPSC,CĤP°C†C-CĬ/C†P°CÍ,
PμPeCÍC,CĤP°PiPsP»CHPsPIP°PSP° PrPs PSPμCÍPeC-PSC†PμPSPSPsCÍC,C-), CĬPeC%oPs PSPμ
PIPeP°P·P°PSPs C-PSC€Pμ.

^{B§} PŸPiC-PIPIC-PrPSPsC€PμPSPSCĬ CÍPμCĤPμPrPSC-C... P°CĤPëC,,PjPμC,PëC†PSPëC...
P·PSP°C†PμPSCĤ, p-P·PSP°C†PμPSPSCĬ CĤC-P·PSPëC†C- <0,05.

^{B¶} P—PSP°C†PμPSPSCĬ AUC (0–24 PiPsPr) (PiP»PsC%oP° PiC-Pr PeCĤPëPIPsCĤ
PePsPSC†PμPSC,CĤP°C†C-CĬ/C†P°CÍ P· PjPsPjPμPSC,CÍ PIPiPμPrPμPSPSCĬ
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ B PrPs 24-C— PiPsPrPëPSPë), PiCĤPs CĬPeC-
PiPsPIC-PrPsPjP»CĬP»PsCÍCĬ.

[#] PŸPiC-PIPIC-PrPSPsC€PμPSPSCĬ CÍPμCĤPμPrPSC-C... P°CĤPëC,,PjPμC,PëC†PSPëC...
P·PSP°C†PμPSCĤ.

P'PiP»PëPI C-PSC€PëC... P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI PSP° PrP°PiP°PiP»C-C,,P»PsP·PëPS

Pj C,P°P±P»PëC†C- PSPëP¶C†Pμ PiCĤPμPrCÍC,P°PIP»PμPSC- PμC,,PμPeC,Pë
PsPrPSPSc†P°CÍPSPs P·P°CÍC,PsCÍPsPICrPIP°PSPëC... P»C-PeP°CĤCÍCHPePëC...
P·P°CÍPsP±C-PI PSP° PrP°PiP°PiP»C-C,,P»PsP·PëPS. PhPsCĤPμPeC†C-CĬ PrPsP·Pë
PrP°PiP°PiP»C-C,,P»PsP·PëPSCÍ PSPμ PiPsC,CĤC-P±PSP°.

PŸP°P±P»PëC†CĬ 3

$P'PiP \gg P\ddot{e}PI$ $PsP_{\tau}PSPsC \nmid P^{\circ}C\dot{I}PSPs$
 $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC \acute{z}PIP^{\circ}PSP\ddot{e}C \dots P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}C \dots$
 $P \cdot P^{\circ}C\dot{I}PsP \pm C - PI$ $PSP^{\circ}C\dot{I}P\ddot{e}C\dot{I}C, P_{\mu}P_jPSC \acute{z}$
 $P_{\mu}PeC\dot{I}PiPsP \cdot P\ddot{e}C \dagger C - C\dot{H}$ $P_{\tau}P^{\circ}PiP^{\circ}PiP \gg C - C_{,,}P \gg PsP \cdot P\ddot{e}PSC \acute{z}$

$P_{\hbar}PrPSPsC \nmid P^{\circ}C\dot{I}PSPs$	$P''P^{\circ}PiP^{\circ}PiP \gg C - C_{,,}P \gg PsP \cdot P\ddot{e}PSP''P^{\circ}PiP^{\circ}PiP \gg C - C_{,,}P \gg PsP \cdot P\ddot{e}PS$		
$P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC \acute{z}PIP^{\circ}PSP\ddot{e}PN_{\mathbb{N}}$	$(C\dot{I}P_{\mu}P_{\Pi}P\ddot{e}P_j$	$P - P_jC - PSP^{\circ}$	$P - P_jC - PSP^{\circ}$
$P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}PN_{\mathbb{N}}$	$PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC\dot{I}C) *$	$PiPsPeP^{\circ}P \cdot PSP\ddot{e}PeC - PI^{\mathbb{B}\ddot{I}}$	$PiPsPeP^{\circ}P \cdot PSP\ddot{e}PeC - PI^{\mathbb{B}\ddot{I}}$
$P \cdot P^{\circ}C\dot{I}C - P \pm$		$AUC^{\mathbb{B}\ddot{I}\ddot{Y}}$	C_{max}
$(C\dot{I}P_{\mu}P_{\Pi}P\ddot{e}P_j PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC\dot{I}C) *$			
$P_{\mathbb{L}}PsC\dot{I}P\ddot{e}PiC \acute{z}PIP^{\circ}PSPSC\dot{I}C PrPsP \cdot P\ddot{e} PSP_{\mu} PIP\ddot{e}P_jP^{\circ}PiP^{\circ}P \gg PsC\dot{I}C\dot{I}C PrP \gg C\dot{I}C C, P^{\circ}PeP\ddot{e}C \dots$			
$P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}C \dots P \cdot P^{\circ}C\dot{I}PsP \pm C - PI:$			
$P_{\mu}P_{\mu}C\dot{I}PsC\dot{I}P^{\circ}P \gg C\dot{H}PSC - PiC - PiPsPiP \gg C - PeP_{\mu}P_jC - C \nmid PSC - P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeC - P \cdot P^{\circ}C\dot{I}PsP \pm P\ddot{e}$			
$P_{\hbar}P_{\mu}C, C_{,,}PsC\dot{I}P_jC - PS$ (1000 P_jPi)	20 P_jPi	↓ 1 %	↓ 7 %
$P_{\Pi}C - PsPiP \gg C - C, P^{\circ}P \cdot PsPS$ (45 P_jPi)	50 P_jPi	0 %	↑ 9 %
$P\ddot{Y}P\ddot{e}C, P^{\circ}PiP \gg C - PiC, P\ddot{e}PS$ (100 P_jPi)	20 P_jPi	↑ 8 %	↓ 4 %
$P''P \gg C - P_jP_{\mu}PiC - C\dot{I}P\ddot{e}Pr$ (4 P_jPi)	20 P_jPi	↓ 1 %	↑ 1 %
$P'PsPiP \gg C - P \pm PsP \cdot P^{\circ}$ (0,2 P_jPi)	10 P_jPi	↑ 1 %	↑ 4 %
$C, C\dot{I}P\ddot{e} C\dot{I}P^{\circ}P \cdot P\ddot{e} PSP^{\circ} PrPsP \pm C \acute{r}$			
$P \dagger PSC \acute{e}C - P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeC - P \cdot P^{\circ}C\dot{I}PsP \pm P\ddot{e}$			
$P''C - PrC\dot{I}PsC \dots P \gg PsC\dot{I}C, C - P^{\circ}P \cdot P\ddot{e}Pr$ 50 P_jPi		↑ 7 %	↓ 1 %
(25 P_jPi)			
$P' C \acute{r} P_j P_{\mu} C, P^{\circ} PSC - Pr$ (1 P_jPi)	10 P_jPi $PsPrP\ddot{e}PS C\dot{I}P^{\circ}P \cdot$	↑ 5 %	↑ 8 %
	$PSP^{\circ} PrPsP \pm C \acute{r}$		
	$PiC\dot{I}PsC, C\dot{I}PiPsP_j$ 7		
	$PrPSC - PI$		
$P'P^{\circ}P \gg C\dot{I}P^{\circ}C\dot{I}C, P^{\circ}PS$ (320 P_jPi)	20 P_jPi	↑ 2 %	↓ 12 %
$P\ddot{Y}P\ddot{e}P_jPIP^{\circ}C\dot{I}C, P^{\circ}C, P\ddot{e}PS$ (40 P_jPi)	20 P_jPi	↓ 1 %	↓ 2 %
$P_{\hbar}PSC, P\ddot{e}P \pm P^{\circ}PeC, P_{\mu}C\dot{I}C - P^{\circ}P \gg C\dot{H}PSP\ddot{e}PN_{\mathbb{N}} P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}PN_{\mathbb{N}} P \cdot P^{\circ}C\dot{I}C - P \pm$			
$P \cdot P\ddot{e}C_{,,} P^{\circ}P_jPiC - PS$ (600 P_jPi)	10 P_jPi	↓ 22 %	↓ 7 %
$PsPrP\ddot{e}PS C\dot{I}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C \acute{r}$			
$PiC\dot{I}PsC, C\dot{I}PiPsP_j$ 6 $PrPSC - PI$			
$P \acute{K}P_{\mu}C\dot{I}C, P_{\mu}C\dot{I}PsC - PrPSP\ddot{e}PN_{\mathbb{N}} PiC\dot{I}PsC, P\ddot{e}P \cdot P^{\circ}PiP^{\circ}P \gg C\dot{H}PSP\ddot{e}PN_{\mathbb{N}} P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}PN_{\mathbb{N}} P \cdot P^{\circ}C\dot{I}C - P \pm$			
$P_{\hbar}P_{\mu}C_{,,} P_{\mu}PSP^{\circ}P_jC - PSPsPIP^{\circ}$	10 P_jPi	↑ 51 %	↑ 13 %
$PeP\ddot{e}C\dot{I}P \gg PsC, P^{\circ}$			
$(PSP^{\circ}PIP^{\circ}PSC, P^{\circ}P_{\Pi}C \acute{r}PIP^{\circ}P \gg C\dot{H}PSP^{\circ}$			
$PrPsP \cdot P^{\circ}$ 500 P_jPi $P \cdot$			
$PiPsPrP^{\circ}P \gg C\dot{H}C\acute{e}P\ddot{e}P_j$			
$P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C \acute{r}PIP^{\circ}PSPSC\dot{I}C$ 14			
$PrPsP \cdot PiPs$ 250 P_jPi $PePsP_{\Pi}PSC -$ 6			
$PiPsPrP\ddot{e}PS)$			

* $P \cdot P^{\circ}P \cdot PsPIP^{\circ} PrPsP \cdot P^{\circ}, C\dot{I}PeC \% Ps$ $PSP_{\mu} PIPeP^{\circ}P \cdot P^{\circ}PSPs C - PSC \acute{e}P_{\mu}$.

$\mathbb{B}\ddot{I}$ $P' C - PrC\dot{I}PsC, PePsPIP^{\circ} P \cdot P_jC - PSP^{\circ} (P \cdot / P \pm P_{\mu}P \cdot PsPrPSPsC \nmid P^{\circ}C\dot{I}PSPsPiPs$
 $P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}C \acute{r}PIP^{\circ}PSPSC\dot{I}C P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PePsPiPs P \cdot P^{\circ}C\dot{I}PsP \pm C \acute{r} C - P \pm P_{\mu}P \cdot P \cdot P_jC - PSP\ddot{e} =$
 $0 \ %); \uparrow C - \downarrow PIPeP^{\circ}P \cdot C \acute{r}C\dot{H}C, C\dot{H} PIC - PrPiPsPIC - PrPSPs PSP^{\circ} P \cdot P \pm C - P \gg C\dot{H}C\acute{e}P_{\mu}PSPSC\dot{I}C C -$
 $P \cdot P_jP_{\mu}PSC \acute{e}P_{\mu}PSPSC\dot{I}C P_{\mu}PeC\dot{I}PiPsP \cdot P\ddot{e}C \dagger C - C \text{---}.$

$\mathbb{B}\ddot{I}\ddot{Y}$ $AUC = AUC(INF) (PiP \gg PsC \% P^{\circ} PiC - Pr PeC\dot{I}P\ddot{e}PIPsC\dot{H} PePsPSC \dagger P_{\mu}PSC, C\dot{I}P^{\circ}C \dagger C - C\dot{I}C / C \nmid P^{\circ}C\dot{I},$
 $P_{\mu}PeC\dot{I}C, C\dot{I}P^{\circ}PiPsP \gg C\dot{H}PsPIP^{\circ}PSP^{\circ} PrPs PSP_{\mu}C\dot{I}PeC - PSC \nmid P_{\mu}PSPSPsC\dot{I}C, C -) PrP \gg C\dot{I}$
 $P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}C \dots P \cdot P^{\circ}C\dot{I}PsP \pm C - PI, C\dot{I}PeC - P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC \acute{r}PIP^{\circ}P \gg P\ddot{e}C\dot{I}C\dot{I}C \acute{r}$
 $PIP\ddot{e}PiP \gg C\dot{I}PrC - C\dot{I}P^{\circ}P \cdot PsPIP\ddot{e}C \dots PrPsP \cdot, C - AUC = AUC(TAU) (PiP \gg PsC \% P^{\circ} PiC - Pr$
 $PeC\dot{I}P\ddot{e}PIPsC\dot{H} PePsPSC \dagger P_{\mu}PSC, C\dot{I}P^{\circ}C \dagger C - C\dot{I}C / C \nmid P^{\circ}C\dot{I}, PsP \pm P_jP_{\mu}P_{\Pi}P_{\mu}PSP^{\circ} PeC - PSC \dagger P_{\mu}P_j$
 $C - PSC, P_{\mu}C\dot{I}PIP^{\circ}P \gg C \acute{r} PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC\dot{I}C) PrP \gg C\dot{I} P \gg C - PeP^{\circ}C\dot{I}C\dot{H}PeP\ddot{e}C \dots P \cdot P^{\circ}C\dot{I}PsP \pm C - PI,$
 $C\dot{I}PeC - P \cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC \acute{r}PIP^{\circ}P \gg P\ddot{e}C\dot{I}C\dot{I}C \acute{r} PIP\ddot{e}PiP \gg C\dot{I}PrC - P \pm P^{\circ}PiP^{\circ}C, PsC\dot{I}P^{\circ}P \cdot PsPIP\ddot{e}C \dots$
 $PrPsP \cdot.$

$P'P\ddot{I}P \gg P\ddot{e}PI \text{ } P\tau P^{\circ}P\ddot{I}P^{\circ}PiP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\acute{r} \text{ } PSP^{\circ} \text{ } C-PSC\epsilon C- \\ P \gg C-PeP^{\circ}C\grave{H}C\acute{I}C\grave{H}PeC- \text{ } P \cdot P^{\circ}C\acute{I}PsP \pm P\ddot{e}$

PJ C, P^oP $\pm$ P $\gg$ P $\ddot{e}$ C $\dagger$ C- PSP $\ddot{e}$ P $\P$ C $\ddagger$ P μ P $\ddot{I}$ C $\grave{H}$ P μ P τ C $\acute{I}$ C, P^oPIP $\gg$ P μ PSC- P μ C,, P μ PeC, P $\ddot{e}$
P τ P^oP $\ddot{I}$ P^oPiP $\gg$ C-C,, P $\gg$ PsP $\cdot$ P $\ddot{e}$ PSC $\acute{r}$ PSP^o C-PSC ϵ C- PsP τ PSPsC $\ddagger$ P^oC $\acute{I}$ PSPs
P $\cdot$ P^oC $\acute{I}$ C, PsC $\acute{I}$ PsPIC $\acute{r}$ PIP^oPSC- P $\gg$ C-PeP^oC $\grave{H}$ C $\acute{I}$ C $\grave{H}$ PeC- P $\cdot$ P^oC $\acute{I}$ PsP $\pm$ P $\ddot{e}$.
P''P^oP $\ddot{I}$ P^oPiP $\gg$ C-C,, P $\gg$ PsP $\cdot$ P $\ddot{e}$ PS C $\acute{I}$ C $\acute{r}$ C, C, C''PIPs PSP μ PIP $\ddot{I}$ P $\gg$ P $\ddot{e}$ PIP^oPI PSP^o
C,, P^oC $\grave{H}$ PjP^oPePsPeC-PSP μ C, P $\ddot{e}$ PeC $\acute{r}$ PsP τ PSPsC $\ddagger$ P^oC $\acute{I}$ PSPs P $\cdot$ P^oC $\acute{I}$ C, PsC $\acute{I}$ PsPIC $\acute{r}$ PIP^oPSP $\ddot{e}$ C...
P $\gg$ C-PeP^oC $\grave{H}$ C $\acute{I}$ C $\grave{H}$ PeP $\ddot{e}$ C... P $\cdot$ P^oC $\acute{I}$ PsP $\pm$ C-PI.

$P\check{y}P^{\circ}P \pm P \gg P\ddot{e}C \dagger C\Pi \text{ } 4$

$P'PiP \gg P\ddot{e}PI \text{ } P\tau P^{\circ}PiP^{\circ}PiP \gg C-C, P \gg PsP \cdot P\ddot{e}PSC\acute{z} \text{ } PSP^{\circ} \\ C\acute{I}P\ddot{e}C\acute{I}C, P\mu PjPSC\acute{z} \text{ } P\mu PeC\acute{I}P\ddot{I}PsP \cdot P\ddot{e}C \dagger C-C\grave{H} \\ PsP\tau PSPsC\ddagger P^{\circ}C\acute{I}PSPs \text{ } P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{z}PIP^{\circ}PSP\ddot{e}C... \\ P \gg C-PeP^{\circ}C\grave{H}C\acute{I}C\grave{H}PeP\ddot{e}C... \text{ } P \cdot P^{\circ}C\acute{I}PsP \pm C-PI$

PhPrPSPsC‡P°CÍPSPs P·P°CÍC,PscÍPsPICrPIP°PSPëPNë P»C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± (CĤPμP¶PëPj PrPsP·CÍPIP°PSPSCΠ)*	P''P°PiP°PiP»C-C,,P»PsP·PëPS (CĤPμP¶PëPj PrPsP·CÍPIP°PSPSCΠ)*	PhPrPSPsC‡P°CÍPSPs P·P°CÍC,PscÍPsPICrPIP°PSPëPNë P»C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± P—PjC-PSP° P—PjC-PSP° PiPsPeP°P·PSPëPeC-PI ^{вђђ} PiPsPeP°P·PSPëPeC-PI ^{вђђ} AUC ^{вђђ} C _{max}	
PμPsCĤPëPiCzPIP°PSPSCΠ PrPsP·Pë PSPμ PIPëPjP°PiP°P»PsCÍCΠ PrP»CΠ C,P°PePëC... P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI:			
PμPμCĤPsCĤP°P»CHbPSC- PiC-PiPsPiP»C-PePμPjC-C‡PSC- P»C-PeP°CĤCÍCHPeC- P·P°CÍPsP±Pë			
PĤPμC,C,,PscĤPjC-PS (1000 PjPi)	20 PjPi	0 %	↓ 5 %
PμC-PsPiP»C-C,P°P·PsPS (45 PjPi)	50 PjPi	0 %	↓ 7 %
PŸPëC,P°PiP»C-PiC,PëPS (100 PjPi)	20 PjPi	↑ 1 %	↓ 11 %
P''P»C-PjPμPiC-CĤPëPr (4 PjPi)	20 PjPi	↑ 13 %	↑ 4 %
P†PSCεC- P»C-PeP°CĤCÍCHPeC- P·P°CÍPsP±Pë			
P''C-PrCĤPsC...P»PsCĤC,C-P°P·PëPr50 PjPi (25 PjPi)		↓ 1 %	↓ 5 %
P'CÍPjPμC,P°PSC-Pr (1 PjPi)	10 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±CÍ PiCĤPsC,CΠPiPsPj 7 PrPSC-PI	↑ 13 %	↑ 13 %
P'P°P»CÍP°CĤC,P°PS (320 PjPi)	20 PjPi	↑ 5 %	↓ 6 %
PŸPëPjPIP°CÍC,P°C,PëPS (40 PjPi)	20 PjPi	↑ 19 %	↓ 6 %
P''PëPiPsPeCÍPëPS (0,25 PjPi)	20 PjPi	0 %	↓ 1 %
PSP°PIP°PSC,P°P¶CÍPIP°P»CHbPSP° PrPsP·P°, PiPsC,C-Pj 10 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±CÍ PiCĤPsC,CΠPiPsPj 7 PrPSC-PI			
P'P°CĤC,,P°CĤPëPS (25 PjPi)	20 PjPi		
S-PIP°CĤC,,P°CĤPëPS	PSP°PIP°PSC,P°P¶CÍPIP°P»CHbPSP°	↑ 3 %	↑ 7 %
R-PIP°CĤC,,P°CĤPëPS	PrPsP·P°, PiPsC,C-Pj 10 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±CÍ PiCĤPsC,CΠPiPsPj 7 PrPSC-PI	↑ 6 %	↑ 8 %

* P P^oP $\cdot$ PsPIP^o PrPsP $\cdot$ P^o, C Π PeC%Ps PSP μ PIPeP^oP $\cdot$ P^oPSPs C-PSC ϵ P μ .

^{вђђ} P'C-PrC $\acute{I}$ PsC, PePsPIP^o P $\cdot$ PjC-PSP^o (P $\cdot$ /P $\pm$ P μ P $\cdot$ PsPrPSPsC $\ddagger$ P^oC $\acute{I}$ PSPsPiPs
P $\cdot$ P^oC $\acute{I}$ C, PsC $\acute{I}$ C $\acute{r}$ PIP^oPSPSC Π P $\gg$ C-PeP^oC $\grave{H}$ C $\acute{I}$ C $\grave{H}$ PePsPiPs P $\cdot$ P^oC $\acute{I}$ PsP $\pm$ C $\acute{r}$ C- P $\pm$ P μ P $\cdot$ P $\cdot$ PjC-PSP $\ddot{e}$ =
0 %); ↑ C- ↓ PIPeP^oP $\cdot$ C $\acute{r}$ C $\grave{H}$ C, CH $\ddot{H}$ PIC-PrP $\ddot{I}$ PsPIC-PrPSPs PSP^o P $\cdot$ P $\pm$ C-P $\gg$ CH $\ddot{H}$ C ϵ P μ PSPSC Π C-
P $\cdot$ PjP μ PSC ϵ P μ PSPSC Π P μ PeC $\acute{I}$ PiPsP $\cdot$ P $\ddot{e}$ C $\dagger$ C-C—.

^{вђђ} AUC = AUC(INF) (PiP $\gg$ PsC%P^o PiC-Pr $\cdot$ PeC $\grave{H}$ P $\ddot{e}$ PIPsC $\grave{H}$ PePsPSC $\dagger$ P μ PSC, C $\grave{H}$ P^oC $\dagger$ C-C Π /C $\ddagger$ P^oC $\acute{I}$,
P μ PeC $\acute{I}$ C, C $\grave{H}$ P^oPiPsP $\gg$ CH $\ddot{H}$ PsPIP^oPSP^o PrPs PSP μ C $\acute{I}$ PeC-PSC $\ddagger$ P μ PSPSPsC $\acute{I}$ C, C-) PrP $\gg$ C Π

$P \gg C - PeP^{\circ}C\bar{H}C\bar{H}PeP\bar{e}C \dots P \cdot P^{\circ}C\bar{I}PsP \pm C - PI, C\bar{I}PeC - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{I}PIP^{\circ}P \gg P\bar{e}C\bar{I}C\bar{I} C\bar{I}$
 $PIP\bar{e}PiP \gg C\bar{I}PrC - C\bar{H}P^{\circ}P \cdot PsPIP\bar{e}C \dots PrPsP \cdot, C - AUC = AUC(TAU) (P\bar{i}P \gg PsC\%P^{\circ} P\bar{i}C - Pr$
 $PeC\bar{H}P\bar{e}PIPsC\bar{H} PePsPSC\bar{I}P\mu PSC, C\bar{H}P^{\circ}C\bar{I}C - C\bar{I}/C\bar{I}P^{\circ}C\bar{I}, PsP \pm PjP\mu P\bar{I}P\mu PSP^{\circ} PeC - PSC\bar{I}P\mu Pj$
 $C - PSC, P\mu C\bar{H}PIP^{\circ}P \gg C\bar{I} PrPsP \cdot C\bar{I}PIP^{\circ}PSPSC\bar{I}) PrP \gg C\bar{I} P \gg C - PeP^{\circ}C\bar{H}C\bar{H}PeP\bar{e}C \dots P \cdot P^{\circ}C\bar{I}PsP \pm C - PI,$
 $C\bar{I}PeC - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{I}PIP^{\circ}P \gg P\bar{e}C\bar{I}C\bar{I} C\bar{I} PIP\bar{e}PiP \gg C\bar{I}PrC - P \pm P^{\circ}PiP^{\circ}C, PsC\bar{H}P^{\circ}P \cdot PsPIP\bar{e}C \dots$
 $PrPsP \cdot.$

$P\bar{L}P \gg C - PSC - C\bar{I}PSC - C \dots P^{\circ}C\bar{H}P^{\circ}PeC, P\mu C\bar{H}P\bar{e}C\bar{I}C, P\bar{e}PeP\bar{e}.$

$P\mu PsPeP^{\circ}P \cdot P^{\circ}PSPSC\bar{I}.$

$P\bar{L}C\bar{I}C - PiPrC\bar{I}Ps P\mu C\bar{H}PsP \gg PsPSPi P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSP\bar{e}PN\bar{e} C\bar{I}Pe PrPsP\bar{i}PsPIPSP\mu PSPSC\bar{I} PrPs$
 $PrC - C''C, P\bar{e} C, P^{\circ} C, C - P \cdot P\bar{e}C\bar{I}PSP\bar{e}C \dots PIP\bar{i}C\bar{H}P^{\circ}PI PrP \gg C\bar{I} P\bar{i}PsPeC\bar{H}P^{\circ}C\%P\mu PSPSC\bar{I}$
 $PiP \gg C - PeP\mu PjC - C\bar{I}PSPsPiPs PePsPSC, C\bar{H}PsP \gg C\bar{H} C\bar{I} PrPsC\bar{H}PsC\bar{I}P \gg P\bar{e}C \dots P \cdot C\bar{I}C\bar{I}PeC\bar{H}PsPIP\bar{e}Pj$
 $PrC - P^{\circ}P \pm P\mu C, PsPj 2 - PiPs C, P\bar{e}P\bar{i}C\bar{I}.$

$P''P^{\circ}P\bar{i}P^{\circ}PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS, P\bar{i}C\bar{H}P\bar{e} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{I}PIP^{\circ}PSPSC - C\bar{I}Pe PePsPjP\bar{i}PsPSP\mu PSC,$
 $P \gg C - PeP^{\circ}C\bar{H}C\bar{H}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C\bar{I} P\bar{L}C\bar{I}C - PiPrC\bar{I}Ps P\mu C\bar{H}PsP \gg PsPSPi,$
 $P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSP\bar{e}PN\bar{e} PrP \gg C\bar{I} P \cdot PSP\bar{e}P\bar{I}P\mu PSPSC\bar{I}:$

$\bar{B}\bar{H}\bar{Y} \quad C\bar{H}P\bar{e}P \cdot P\bar{e}PeC\bar{I} PiPsC\bar{I}P\bar{i}C - C, P^{\circ}P \gg C - P \cdot P^{\circ}C\bar{I}C - C - C\bar{I}P\mu C\bar{H}P\mu P \cdot C\bar{I}P\mu C\bar{H}C\bar{I}P\mu PIC\bar{I}$
 $PSP\mu PrPsC\bar{I}C, P^{\circ}C, PSC - C\bar{I}C, C\bar{H} C\bar{I} PrPsC\bar{H}PsC\bar{I}P \gg P\bar{e}C \dots P \cdot C\bar{I}C\bar{I}PeC\bar{H}PsPIP\bar{e}Pj PrC - P^{\circ}P \pm P\mu C, PsPj$
 $2 - PiPs C, P\bar{e}P\bar{i}C\bar{I} C, P^{\circ} PIC\bar{I}C, P^{\circ}PSPsPIP \gg P\mu PSP\bar{e}PjP\bar{e} C\bar{I}P\mu C\bar{H}C\bar{I}P\mu PIPs - C\bar{I}C\bar{I}PrP\bar{e}PSPSP\bar{e}PjP\bar{e}$
 $P \cdot P^{\circ}C \dots PIPsC\bar{H}C\bar{H}PIP^{\circ}PSPSC\bar{I}PjP\bar{e} (P\bar{Y}P\bar{Y}P -) P^{\circ}P \pm Ps PjPSPsP\bar{I}P\bar{e}PSPSP\bar{e}PjP\bar{e} C\bar{I}P\mu C\bar{H}C\bar{I}P\mu PIPs -$
 $C\bar{I}C\bar{I}PrP\bar{e}PSPSP\bar{e}PjP\bar{e} (P\bar{Y}P\bar{Y}) C, P^{\circ}PeC, PsC\bar{H}P^{\circ}PjP\bar{e} C\bar{H}P\bar{e}P \cdot P\bar{e}PeC\bar{I}.$

$P\bar{h}P \pm PjP\mu P\bar{I}P\mu PSPSC\bar{I} C\bar{I} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{I}PIP^{\circ}PSPSC -$

$\bar{B}\bar{H}\bar{Y} \quad P - P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{I}PIP^{\circ}PSPSC\bar{I} P \gg C - PeP^{\circ}C\bar{H}C\bar{H}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C\bar{I}$
 $P\bar{L}C\bar{I}C - PiPrC\bar{I}Ps P\mu C\bar{H}PsP \gg PsPSPi PSP\mu P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSPs P\bar{i}P^{\circ}C\bar{I}C - C''PSC, P^{\circ}Pj P \cdot$
 $C\bar{I}C\bar{I}PeC\bar{H}PsPIP\bar{e}Pj PrC - P^{\circ}P \pm P\mu C, PsPj 1 - PiPs C, P\bar{e}P\bar{i}C\bar{I} (PrP\bar{e}PI. C\bar{H}PsP \cdot PrC - P \gg$
 $B \ll P\bar{h}C\bar{I}PsP \pm P \gg P\bar{e}PIPsC\bar{I}C, C - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{I}PIP^{\circ}PSPSC\bar{I}B \gg).$

$P\mu C\bar{H}PsC, P\bar{e}P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\bar{I}.$

$P\bar{L}C\bar{I}C - PiPrC\bar{I}Ps P\mu C\bar{H}PsP \gg PsPSPi P\bar{i}C\bar{H}PsC, P\bar{e}P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSP\bar{e}PN\bar{e} P\bar{i}P^{\circ}C\bar{I}C - C''PSC, P^{\circ}Pj C - P \cdot:$

$B \cdot \quad PSP^{\circ}C\bar{I}PIPSC - C\bar{I}C, C\bar{H} PI P^{\circ}PSP^{\circ}PjPSP\mu P \cdot C - C\bar{I}P\mu C\bar{H}PN\bar{e}PsP \cdot PSPsC -$
 $C\bar{H}P\mu P^{\circ}PeC\bar{I}C - C - PiC - P\bar{i}P\mu C\bar{H}C\bar{I}C\bar{I}C, P \gg P\bar{e}PIPsC\bar{I}C, C - PrPs PrP^{\circ}P\bar{i}P^{\circ}PiP \gg C - C, P \gg PsP \cdot P\bar{e}PSC\bar{I},$
 $PSP^{\circ}P\bar{i}C\bar{H}P\bar{e}PeP \gg P^{\circ}Pr, P^{\circ}PSP^{\circ}C, C - P \gg P^{\circ}PeC, P\bar{e}C\bar{I}PSP\bar{e}C \dots C\bar{H}P\mu P^{\circ}PeC\bar{I}C - PN\bar{e} P^{\circ}P \pm Ps$
 $P^{\circ}PSPiC - PsPSP\mu PIC\bar{H}PsC, P\bar{e}C\bar{I}PSPsPiPs PSP^{\circ}P \pm C\bar{H}C\bar{I}PeC\bar{I}, P^{\circ}P \pm Ps$
 $PiC - P\bar{i}P\mu C\bar{H}C\bar{I}C\bar{I}C, P \gg P\bar{e}PIPsC\bar{I}C, C - PrPs PjP\mu C, C, PsC\bar{H}PjC - PSC\bar{I} PiC - PrC\bar{H}PsC \dots P \gg PsC\bar{H}P\bar{e}PrC\bar{I}$
 $(PrP\bar{e}PI. C\bar{H}PsP \cdot PrC - P \gg B \ll P\bar{h}PsP \pm C - C\bar{I}PSC - C\bar{H}P\mu P^{\circ}PeC\bar{I}C - C - B \gg) P^{\circ}P \pm Ps$
 $PiC - P\bar{i}P\mu C\bar{H}C\bar{I}C\bar{I}C, P \gg P\bar{e}PIC - C\bar{I}C, C\bar{H} PrPs P \pm C\bar{I}PrC\bar{H} - C\bar{I}PePsC - P \cdot PrPsP\bar{i}PsPjC - P\bar{I}PSP\bar{e}C \dots$
 $C\bar{H}P\mu C\bar{I}PsPIP\bar{e}PS;$

$B \cdot \quad PiPsC\bar{I}C, C\bar{H}P\bar{e}Pj P^{\circ}P \pm Ps C \dots C\bar{H}PsPSC - C\bar{I}PSP\bar{e}Pj PjP\mu C, P^{\circ}P \pm PsP \gg C - C\bar{I}PSP\bar{e}Pj$

P°C†PëPrPsP·PsPj, P·PsPeCḡPμPjP° PjPsP»PsC‡PSPsPePëCḡP»PëPj P°C†PëPrPsP·PsPj,
PrC-P°P±PμC,PëC‡PSPëPj PePμC,PsP°C†PëPrPsP·PsPj, C-P· PePsPjPsCḡ P°P±Ps P±PμP·.
P°C-P°P±PμC,PëC‡PSPëPμ PePμC,PsP°C†PëPrPsP· CḡP»C-Pr P»C-PeCḡPIP°C,Pë
C-PSCḡCḡP»C-PSPsPj (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C-
P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»);

B· PrC-P°P±PμC,PëC‡PSPsCḡ PḡCḡPμPePsPjPsCḡ;

B· C,CḡP¶PePsCḡ PSPëCḡPePsPIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ (CḡPëPḡPα
PjPμPSCëPμ 30 PjP»/C...PI/1,73 Pj²), C,PμCḡPjC-PSP°P»CḡPSPsCḡ CḡC,P°PrC-C°Cḡ
C...PIPsCḡPsP±Pë PSPëCḡPsPe P°P±Ps PḡP°C†C-C°PSC,P°Pj PSP° PrC-P°P»C-P·C- (PrPëPI.
CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»);

B· PiPsCḡC,CḡPëPjPë CḡC,P°PSP°PjPë, CḡPeC- PjPsP¶CḡC,Cḡ PIPḡP»PëPIP°C,Pë PSP°
C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe, C,P°PePëPjPë CḡPe:

- PrPμPiC-PrCḡP°C,P°C†C-Cḡ,
- C,CḡP¶PeP° C-PSC,,PμPeC†C-Cḡ,
- CëPsPe;

B· PiPsCḡC,CḡPëPj P°P±Ps C...CḡPsPSC-C‡PSPëPj P·P°C...PIPsCḡCḡPIP°PSPSCḡPj,
CḡPePμ PjPsP¶Pμ CḡPiCḡPëC‡PëPSPëC,Pë PiC-PiPsPeCḡC-Cḡ C,PeP°PSPëPS, C,P°PePëPj CḡPe:

- CḡPμCḡC†PμPIP° P°P±Ps PrPëC...P°P»CḡPSP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ,
- PSPμPrP°PIPSs PḡPμCḡPμPSPμCḡPμPSPëPμ C-PSC,,P°CḡPeC, PjC-PsPeP°CḡPrP°,
- CëPsPe;

B· PiPsCḡCḡCëPμPSPSCḡPj C,,CḡPSPeC†C-C— PḡPμC‡C-PSPePë;

B· PiPsCḡC,CḡPsCḡ P°P»PePsPiPsP»CḡPSPsCḡ C-PSC,PsPeCḡPëPeP°C†C-C°Cḡ,
P°P»PePsPiPsP»C-P·PjPsPj.

**P°P·P°C°PjPsPrC-Cḡ P· C-PSCëPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C°PjPsPrC-Pμ.**

PḡP°P±P»PëC†Cḡ 5

PḡP»C-PSC-C‡PSPs P·PSP°C‡CḡC%oC- PIP·P°C°PjPsPrC-C— P· P»C-PeP°CḡCḡCḡPePëPj
P·P°CḡPsP±PsPj PḡCḡC-PiPrCḡPs PμCḡPsP»PsPSPi

**P†PSPiC-P±C-C,PsCḡPë
PeP°CḡP±PsP°PSPiC-PrCḡP°P·Pë**

$P_{\text{л}}P \gg C - PSC - C \nmid PSP \ddot{P} N_{\text{л}}$ $PIP \ddot{P} \gg P \ddot{P} I$	$P \ddot{Y} P s P i C - C \ddot{H} P^{\circ} P j P^{\circ} C, P^{\circ} P \pm P s C - PSC \text{€} C - C - P S P i C - P \pm C - C, P s C \ddot{H} P \ddot{e}$ $P e P^{\circ} C \ddot{H} P \pm P s P^{\circ} P S P i C - P r C \ddot{H} P^{\circ} P \cdot P \ddot{e} (PSP^{\circ} P i C \ddot{H} P \ddot{e} P e P \gg P^{\circ} P r$ $P \cdot P s PSC - C \ddot{I} P^{\circ} P j C - P r, P^{\circ} C \nmid P_{\text{л}} C, P^{\circ} P \cdot P s P \gg P^{\circ} P j C - P r P^{\circ} P \pm P s$ $P r P \ddot{e} C \dots P \gg P s C \ddot{H} C, P_{\text{л}} P S P^{\circ} P j C - P r) C \nmid P^{\circ} C \ddot{I} C, P s C \ddot{I} P i C \ddot{H} P \ddot{e} C \nmid P \ddot{e} P S C \nmid C \ddot{H} C, C \ddot{H}$ $P \cdot P S P \ddot{e} P \nmid P_{\text{л}} P S P S C \nmid C \ddot{H} C - P I P S C \nmid C P \pm C - P e P^{\circ} C \ddot{H} P \pm P s P S P^{\circ} C, C r C r$ $C \ddot{I} P \ddot{e} C \ddot{H} P s P I P^{\circ} C, C \nmid C - P e C \ddot{H} P s P I C - C, P^{\circ} P i C \ddot{H} P \ddot{e} P \cdot P I P s P r C \nmid C, C \ddot{H} P r P s$ $P i C - P i P_{\text{л}} C \ddot{H} C \dots P \gg P s C \ddot{H} P_{\text{л}} P j C - C \nmid P S P s P i P s P j P_{\text{л}} C, P^{\circ} P \pm P s P \gg C - C \nmid P S P s P i P s$ $P^{\circ} C \nmid P \ddot{e} P r P s P \cdot C r P \pm P_{\text{л}} P \cdot P \cdot P j C - P S P^{\circ} P S C - P s P S P S P s P i P s$ $C - P S C, P_{\text{л}} C \ddot{H} P I P^{\circ} P \gg C r, P i C - P i P_{\text{л}} C \ddot{H} C \dots P \gg P s C \ddot{H} P_{\text{л}} P j C - C \nmid P S P s P i P s$ $P j P_{\text{л}} C, P^{\circ} P \pm P s P \gg C - C \nmid P S P s P i P s P^{\circ} C \nmid P \ddot{e} P r P s P \cdot C r. P \ddot{h} P r P S P s C \nmid P^{\circ} C \ddot{I} P S P_{\text{л}}$ $P \cdot P^{\circ} C \ddot{I} C, P s C \ddot{I} C r P I P^{\circ} P S P S C \nmid C \nmid P \ddot{e} C \dots P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e P \ddot{e} C \dots$ $P \cdot P^{\circ} C \ddot{I} P s P \pm C - P I C - P \cdot P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e P \ddot{e} P j P \cdot P^{\circ} C \ddot{I} P s P \pm P s P j$ $P_{\text{л}} C \ddot{I} C - P i P r C r P s P_{\text{л}} C \ddot{H} P s P \gg P s P S P i P j P s P \nmid P_{\text{л}} P i C - P r P I P \ddot{e} C \% P \ddot{e} C, P \ddot{e}$ $C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e C \ddot{H} P s P \cdot P I P \ddot{e} C, P e C r P \gg P^{\circ} P e C, P s P^{\circ} C \nmid P \ddot{e} P r P s P \cdot C r.$
$P' C, C \ddot{H} C \acute{z} C \nmid P^{\circ} P S P S C \nmid C$	$P \ddot{h} P s P \nmid P_{\text{л}} P \pm C r C, P \ddot{e} P r P s C \nmid C - P \gg C \ddot{H} P S P \ddot{e} P j P \pm C - P \gg C \ddot{H} C \text{€} C \nmid P^{\circ} C \ddot{I} C, P \ddot{e} P N_{\text{л}}$ $P e P s P S C, C \ddot{H} P s P \gg C \ddot{H} C \ddot{I} C, P^{\circ} P S C r C, P^{\circ} P e P \ddot{e} C \dots P i P^{\circ} C \nmid C - C'' P S C, C - P I.$
$P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e C - P \cdot P^{\circ} C \ddot{I} P s P \pm P \ddot{e}, C \% P s$ $P \cdot P S P \ddot{e} P \nmid C \acute{z} C \ddot{H} C, C \ddot{H} P e P \gg C - C \ddot{H} P_{\text{л}} P S C \ddot{I}$ $P j P_{\text{л}} C, C, P s C \ddot{H} P j C - P S C \acute{z}$	
$P_{\text{л}}P \gg C - PSC - C \nmid PSP \ddot{P} N_{\text{л}}$ $PIP \ddot{P} \gg P \ddot{P} I$	$P \ddot{h} P r P S P s C \nmid P^{\circ} C \ddot{I} P S P_{\text{л}} P \cdot P^{\circ} C \ddot{I} C, P s C \ddot{I} C r P I P^{\circ} P S P S C \nmid C$ $P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e P \ddot{e} C \dots P \cdot P^{\circ} C \ddot{I} P s P \pm C - P I, C \nmid P e C - P I P \ddot{P} \gg P \ddot{e} P I P^{\circ} C \ddot{H} C, C \ddot{H}$ $P S P^{\circ} P \cdot P^{\circ} P i P^{\circ} P \gg C \ddot{H} P S C r P e P^{\circ} P S P^{\circ} P \gg C \ddot{H} C \nmid P_{\text{л}} P I C r$ $C, C \ddot{H} P^{\circ} P S C \ddot{I} P i P s C \ddot{H} C, P S C r C \ddot{I} P \ddot{e} C \ddot{I} C, P_{\text{л}} P j C r P S P \ddot{e} C \ddot{H} P s P e, C \% P s$ $P \pm P_{\text{л}} C \ddot{H} P_{\text{л}} C r C \nmid P^{\circ} C \ddot{I} C, C \ddot{H} C r P I P \ddot{e} P I P_{\text{л}} P r P_{\text{л}} P S P S C - P j P_{\text{л}} C, C, P s C \ddot{H} P j C - P S C r$ $P S P \ddot{e} C \ddot{H} P e P^{\circ} P j P \ddot{e} (P S P^{\circ} P i C \ddot{H} P \ddot{e} P e P \gg P^{\circ} P r, P s C \ddot{H} P i P^{\circ} P S C - C \nmid P S C -$ $P e P^{\circ} C, C - P s P S P S C - C, C \ddot{H} P^{\circ} P S C \ddot{I} P i P s C \ddot{H} C, P_{\text{л}} C \ddot{H} P \ddot{e} - 2$ $[P \ddot{h} P_{\text{л}} P \ddot{Y} 2] / C - P S P i C - P \pm C - C, P s C \ddot{H} P \ddot{e} P_{\text{л}} P e C \ddot{I} C, C \ddot{H} C r P \cdot C - C -$ $P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e P \ddot{e} C \dots P \cdot P^{\circ} C \ddot{I} P s P \pm C - P I C, P^{\circ} C, P s P e C \ddot{I} P \ddot{e} P S C - P I$ $[P \ddot{h} P \ddot{h} P \ddot{Y} P \cdot], C, P^{\circ} P e C - C \nmid P e C \ddot{H} P^{\circ} P S P s P \gg P^{\circ} P \cdot P \ddot{e} P s, P I P^{\circ} P S P r P_{\text{л}} C, P^{\circ} P S C - P \pm,$ $P r P s P \gg C r C, P_{\text{л}} P i C \ddot{H} P^{\circ} P I C - C \ddot{H} C, P^{\circ} C \nmid P \ddot{e} P j P_{\text{л}} C, P \ddot{e} P r P \ddot{e} P s), P j P s P \nmid P_{\text{л}}$ $P \cdot P \pm C - P \gg C \ddot{H} C \text{€} C r P I P^{\circ} C, P \ddot{e} C \ddot{I} P \ddot{e} C \ddot{I} C, P_{\text{л}} P j P S C r P_{\text{л}} P e C \ddot{I} P i P s P \cdot P \ddot{e} C \nmid C - C \ddot{H}$ $P j P_{\text{л}} C, C, P s C \ddot{H} P j C - P S C r C, P^{\circ} P i C - P r P I P \ddot{e} C \% C r P I P^{\circ} C, P \ddot{e} C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e$ $C \ddot{H} P s P \cdot P I P \ddot{e} C, P e C r P \gg P^{\circ} P e C, P s P^{\circ} C \nmid P \ddot{e} P r P s P \cdot C r (P r P \ddot{e} P I. C \ddot{H} P s P \cdot P r C - P \gg$ $B \ll P \alpha P^{\circ} C \ddot{H} P j P^{\circ} P e P s P \gg P s P i C - C \nmid P S C - P I P \gg P^{\circ} C \ddot{I} C, P \ddot{e} P I P s C \ddot{I} C, C - B \gg).$
$P' C, C \ddot{H} C \acute{z} C \nmid P^{\circ} P S P S C \nmid C$	$P \acute{z} P_{\text{л}} P s P \pm C \dots C - P r P S P s P I C \ddot{H} P^{\circ} C \dots P s P I C r P I P^{\circ} C, P \ddot{e} P i P_{\text{л}} C \ddot{H} P_{\text{л}} P I P^{\circ} P i P \ddot{e} C, P^{\circ}$ $C \ddot{H} P \ddot{e} P \cdot P \ddot{e} P e P \ddot{e} C, P^{\circ} P e P s P i P s P s P r P S P s C \nmid P^{\circ} C \ddot{I} P S P s P i P s$ $P \cdot P^{\circ} C \ddot{I} C, P s C \ddot{I} C r P I P^{\circ} P S P S C \nmid C.$
$P \ddot{h} P \gg P e P s P i P s P \gg C \ddot{H}$	
$P_{\text{л}}P \gg C - PSC - C \nmid PSP \ddot{P} N_{\text{л}}$ $PIP \ddot{P} \gg P \ddot{P} I$	$P \ddot{h} P \gg P e P s P i P s P \gg C \ddot{H}, C \nmid P e P I C - P r P s P j P s, P \cdot P r P^{\circ} C, P_{\text{л}} P S$ $P i P s C, P_{\text{л}} P S C \nmid C - C \ddot{H} P I P^{\circ} C, P \ddot{e} P r C - C \ddot{H} P j P_{\text{л}} C, C, P s C \ddot{H} P j C - P S C r P S P^{\circ}$ $P j P_{\text{л}} C, P^{\circ} P \pm P s P \gg C - P \cdot P j P \gg P^{\circ} P e C, P^{\circ} C, C r.$
$P' C, C \ddot{H} C \acute{z} C \nmid P^{\circ} P S P S C \nmid C$	$P_{\text{л}} P s C, C \ddot{H} C - P \pm P S P s P \cdot P^{\circ} C \ddot{I} C, P_{\text{л}} C \ddot{H} P_{\text{л}} P i C, P \ddot{e} P i P^{\circ} C \nmid C - C'' P S C, C - P I P I C - P r$ $P S P^{\circ} P r P j C - C \ddot{H} P S P s P i P s P I P \nmid P \ddot{e} P I P^{\circ} P S P S C \nmid C P^{\circ} P \gg P e P s P i P s P \gg C \ddot{H} P i C - P r$ $C \nmid P^{\circ} C \ddot{I} P \cdot P^{\circ} C \ddot{I} C, P s C \ddot{I} C r P I P^{\circ} P S P S C \nmid C P \gg C - P e P^{\circ} C \ddot{H} C \ddot{I} C \ddot{H} P e P s P i P s$ $P \cdot P^{\circ} C \ddot{I} P s P \pm C r P_{\text{л}} C \ddot{I} C - P i P r C r P s P_{\text{л}} C \ddot{H} P s P \gg P s P S P i.$
$P \nmid P S C \ddot{I} C \acute{z} P \gg C - P S P^{\circ} P \pm P s P \cdot P^{\circ} C \ddot{I} P s P \pm P \ddot{e}, C \% P s C \ddot{I} C, P \ddot{e} P j C \acute{z} P \gg C \ddot{H} C \ddot{H} C, C \ddot{H} C \ddot{I} P_{\text{л}} P e C \ddot{H} P_{\text{л}} C \nmid C - C \ddot{H}$ $C - P S C \ddot{I} C \acute{z} P \gg C - P S C \acute{z}$	

<i>P_лP»C-PSC-C#PSPëPN_л PIPiP»PëPI</i>	P PëP·PëPe C _т PsP·PIPëC,PeC _т PiC-PiPsPiP»C-PePμPjC-C— PjPsP _т Pμ PiC-PrPIPëC% _о C _т PIP°C,PëC _т C _т C _т C _т P°P·C- PsPrPSPsC#P°C _т PSPsPiPs P·P°C _т C,PсC _т C _т PIP°PSPSC _т P _л C _т C-PiPrC _т Ps PμC _т PsP»PsPSPi P· C-PSC _т C _т P»C-PSPsPj P°P±Ps P·P°C _т PsP±P°PjPë, C% _о Ps C _т C,PëPjC _т P»C _т C _т C,CH C _т PμPeC _т PμC _т C-C _т C-PSC _т C _т P»C-PSC _т (PSP°PiC _т PëPeP»P°Pr, C _т C _т P»CHC,,PsPSC-P»C _т PμC#PsPIPëPSPsC _т) (PrPëPI. C _т PsP·PrC-P» B«PhC _т PsP±P»PëPIPsC _т C,C- P·P°C _т C,PсC _т C _т PIP°PSPSC _т B»).
<i>P'C,C_тC_тC#P°PSPSC_т</i>	Pj C _т P°P·C- PsPrPSPsC#P°C _т PSPsPiPs P·P°C _т C,PсC _т C _т PIP°PSPSC _т PjPsP _т C _т C,CH P±C _т C,Pë PiPsC,C _т C-P±PSC- PSPëP _т C#C- PrPsP·Pë C-PSC _т C _т P»C-PSC _т P°P±Ps P·P°C _т PsP±C-PI, C% _о Ps C _т C,PëPjC _т P»C _т C _т C,CH C _т PμPeC _т PμC _т C-C _т C-PSC _т C _т P»C-PSC _т , C% _о PsP± P·PSPëP·PëC,Pë C _т PëP·PëPe C _т PsP·PIPëC,PeC _т PiC-PiPsPiP»C-PePμPjC-C—.
<i>P>C-PeP°C_тC_тCHPeC- P·P°C_тPsP±Pë, C%_оPs PIPiP»PëPIP°CHC,CH PSP° PiP»C-PePμPjC-C#PSPëPN_л PePsPSC,C_тPsP»CH</i>	
<i>P_лP»C-PSC-C#PSPëPN_л PIPiP»PëPI</i>	P''PμC _т PeC- P»C-PeP°C _т C _т CHPeC- P·P°C _т PsP±Pë PiC-PrPIPëC% _о C _т C,CH C _т PëP·PëPe C _т PsP·PIPëC,PeC _т PiC-PiPμC _т PiP»C-PePμPjC-C— C,P° PjPsP _т C _т C,CH PiC _т PëP·PIPμC _т C,Pë PrPs PIC,C _т P°C,Pë PiP»C-PePμPjC-C#PSPsPiPs PePsPSC,C _т PsP»CH. P''Ps C,P°PePëC... P»C-PeP°C _т C _т CHPePëC... P·P°C _т PsP±C-PI PSP°P»PμP _т P°C,CH C,C-P°P·PëPrPë C,P° C-PSC&C- PrC-C _т C _т PμC,PëPePë, PePsC _т C,PëPePsC _т C,PμC _т PsC—PrPë, C,,PμPSPsC,C-P°P·PëPSPë, PiPsC _т PjPsPSPë C% _о PëC,PsPIPëPrPSPsC— P·P°P»PsP·Pë, PμC _т C,C _т PsPiPμPSPë, PiPμC _т PsC _т P°P»CHPSC- PiC _т PsC,PëP·P°PiP»C-PrPSC- P·P°C _т PsP±Pë, C,,PμPSC-C,PsC—PS, PSC-PePsC,PëPSPsPIP° PePëC _т P»PsC,P°, C _т PëPjPiP°C,PsPjC-PjPμC,PëPePë, P±P»PsPeP°C,PsC _т Pë PeP°P»CHC _т C-C''PIPëC... PeP°PSP°P»C-PI C,P° C-P·PsPSC-P°P·PëPr.
<i>P'C,C_тC_тC#P°PSPSC_т</i>	P _л PsP»Pë C,P°PeC- P»C-PeP°C _т C _т CHPeC- P·P°C _т PsP±Pë PiC _т PëP·PSP°C#P°CHC,CH PiP°C _т C-C''PSC,C _т C _т PePëPN _л PsC,C _т PëPjC _т C'' P _л C _т C-PiPrC _т Ps PμC _т PsP»PsPSPi, PSPμPsP±C...C-PrPSPs PIC _т C,P°PSPsPIPëC,Pë P·P° PSPëPj C _т PμC,PμP»CHPSPμ C _т PiPsC _т C,PμC _т PμP _т PμPSPSC _т P· PjPμC,PsC _т PrC-P°PiPSPsC _т C,PëPePë PIC,C _т P°C,Pë PePsPSC,C _т PsP»CH PSP°Pr C _т C-PIPSPμPj PiP»CHPePsP·Pë PI PeC _т PsPIC-. P _л PsP»Pë P·P°C _т C,PсC _т C _т PIP°PSPSC _т C,P°PePëC... P»C-PeP°C _т C _т CHPePëC... P·P°C _т PsP±C-PI PIC-PrPjC-PSC _т C _т C,CH PrP»C _т PiP°C _т C-C''PSC,P°, C _т PePëPN _л PsC,C _т PëPjC _т C'' P _л C _т C-PiPrC _т Ps PμC _т PsP»PsPSPi, PSPμPsP±C...C-PrPSPs PIC _т C,P°PSPsPIPëC,Pë P·P° PSPëPj C _т PμC,PμP»CHPSPμ C _т PiPsC _т C,PμC _т PμP _т PμPSPSC _т C% _о PsPrPs C _т PsP·PIPëC,PeC _т PiC-PiPsPiP»C-PePμPjC-C—.
<i>P>C-C,C-PN_л</i>	
<i>P_лP»C-PSC-C#PSPëPN_л PIPiP»PëPI</i>	PhPrPSPsC#P°C _т PSPμ P·P°C _т C,PсC _т C _т PIP°PSPSC _т C-PSPiC-P±C-C,PсC _т P° PkP—P _л P _т P''-2 P· P»C-C,C-C''Pj PjPsP _т Pμ C _т PiC _т PëC#PëPSPëC,Pë P·PjPμPSCëPμPSPSC _т PePsPSC _т PμPSC,C _т P°C _т C-C— P»C-C,C-C _т PI C _т PëC _т PsPIP°C,C _т C- PeC _т PsPIC-.
<i>P'C,C_тC_тC#P°PSPSC_т</i>	PkP° PiPsC#P°C,PeC _т P»C-PeC _т PIP°PSPSC _т P·P° PrPsPiPsPjPsPiPsC _т P _л C _т C-PiPrC _т Ps PμC _т PsP»PsPSPi PiPsC,C _т C-P±PSPs C#P°C _т C,C-CëPμ PePsPSC,C _т PsP»CHPIP°C,Pë PePsPSC _т PμPSC,C _т P°C _т C-C _т P»C-C,C-C _т PI C _т PëC _т PsPIP°C,C _т C- PeC _т PsPIC-; PjPsP _т Pμ P·PSP°PrPsP±PëC,PëC _т CH P·PjC-PSP° PrPsP·Pë.
<i>PμPsP·PëC,PëPIPSPëPN_л C,PμC_тC, PSP° PSP°C_тPIPSC-C_тC,CH PiP»CHPePsP·Pë PI C_тPμC#C-</i>	

<i>P_лP»C-PSC-C‡PSPëPN₆ PIPİP»PëPI</i>	P†PSPiC-P±C-C,PsCḡPë PќP—P _л PŷP“-2 P·P±C-P»CHC€C†CḡC,CH P _μ PeC†PeCḡP _μ C†C-Cḡ PiP»CḡPePsP·Pë P· C†P _μ C‡P _μ Cḡ, C- C†P _μ PİCḡPëP·PIPsPrPëC,CH PrPs PsC,CḡPëPjP°PSPSCḡ PİPsP·PëC,PëPIPSPëC... CḡP _μ P·C†P»CHC,P°C,C-PI PİCḡPë PIPëP·PSP°C‡P _μ PSPSC- PIPjC-C†C,C† PiP»CḡPePsP·Pë PI C†P _μ C‡C-.
<i>P'C,CḡC¿C‡P°PSPSCḡ</i>	P _л PsPSC-C,PsCḡPëPSPi PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ P· PİCḡPsPIP _μ PrP _μ PSPSCḡPj C,P _μ C†C,C-PI PSP° PSP°CḡPIPSC-C†C,CH PiP»CḡPePsP·Pë PI C†P _μ C‡C- PSP _μ CḡP _μ PePsPjP _μ PSPrC†C"C,CHC†Cḡ PİP°C†C-C"PSC,P°Pj, CḡPeC- PİCḡPëP _л PjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPë PќP—P _л PŷP“-2. P"»Cḡ PjPsPSC-C,PsCḡPëPSPiC† PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ C†P»C-Pr PIPëPePsCḡPëC†C,PsPIC†PIP°C,Pë P°P»CHC,P _μ CḡPSP°C,PëPIPSC- PjP _μ C,PsPrPë.
<i>P†PSC,P_μCḡC,,P_μCḡP_μPSC†C-Cḡ P· 1,5-P°PSPiC-PrCḡPsPiP»CḡC†PëC,PsPj (1,5-PḡP")</i>	
<i>P_лP»C-PSC-C‡PSPëPN₆ PIPİP»PëPI</i>	P·PëPjC-CḡCḡPIP°PSPSCḡ CḡC-PIPS-PI 1,5-PḡP" C" PSP _μ PSP°PrC-PN ₆ PSPëPj PjP _μ C,PsPrPsPj PrPsC†P»C-PrP¶P _μ PSPSCḡ PiP»C-PeP _μ PjC-C‡PSPsPiPs C†C,P°PSC† PİP°C†C-C"PSC,C-PI, CḡPeC- PİCḡPëP _л PjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPë PќP—P _л PŷP“-2.
<i>P'C,CḡC¿C‡P°PSPSCḡ</i>	P _л PsPSC-C,PsCḡPëPSPi PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ P· PİCḡPsPIP _μ PrP _μ PSPSCḡPj P°PSP°P»C-P·C† PSP° PIPëP·PSP°C‡P _μ PSPSCḡ 1,5-PḡP" PSP _μ CḡP _μ PePsPjP _μ PSPrC†C"C,CHC†Cḡ. P"»Cḡ PjPsPSC-C,PsCḡPëPSPiC† PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ C†P»C-Pr PIPëPePsCḡPëC†C,PsPIC†PIP°C,Pë P°P»CHC,P _μ CḡPSP°C,PëPIPSC- PjP _μ C,PsPrPë.

PḡC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C¿PIP°PSPSCḡ.

P>P°PeC,PsP°C†PëPrPsP·

PJ PiC-CTP»CΠCTHPμC"CTC,CTHP°CTC-PNεPSPëPNε PiPμCTHC-PsPr

PiPsPIC-PrPsPjP»CΠP»PsCTCH PiCTHPs PIPëPiP°PrPePë P»P°PeC,PsP°C†PëPrPsP·Cr,

PiPsPIBḡ™ CΠP·P°PSPsPiPs C-P· P·P°CTC,PsCTCrPIP°PSPSCΠPj PjPμC,C,,PsCTHPjC-PSCr,

PIPeP»CHC†P°CHC†Pë P»PμC,P°P»CHHPSC- PIPëPiP°PrPePë. PJ C†PëC... PIPëPiP°PrPeP°C...

PjPsP»PsC†PSPsPePëCTP»PëPNε P»P°PeC,PsP°C†PëPrPsP· PiPsC†PëPSP°PICCTC PjP°PNεPΠPμ

PSPμPiPsPjC-C,PSPs C- CTCrPiCTHPsPIPsPrPΠCrPIP°PICCTC PSPμCTPiPμC†PëC,,C-C†PSPëPjPë

CTPëPjPiC,PsPjP°PjPë, C,P°PePëPjPë CΠPe PSPμP·PrCrPΠP°PSPSCΠ, PjC-P°P»PiC-CΠ,

P°P±PrPsPjC-PSP°P»CHHPSPëPNε P±C-P»CH, CTHPμCTPiC-CTHP°C,PsCTHPSPëPNε

PrPëCTC,CTHPμCT P°P±Ps PiPsCTPëP»PμPSPSCΠ CTPsPSP»PëPIPsCTC,C-; PiCTHPsC,Pμ PiCTHPë

C,CΠPΠPePsPjCr P°C†PëPrPsP·C- CTPiPsCTC,PμCTHC-PiP°P»PëCTC PjC-PiPsC,PμCTHPjC-CΠ,

P°CTHC,PμCTHC-P°P»CHHPSP° PiC-PiPsC,PμPSP·C-CΠ C,P° CTHPμP·PëCTC,PμPSC,PSP°

P±CTHP°PrC-P°CTHPëC,PjC-CΠ.

P>P°PeC,PsP°C†PëPrPsP·, PiPsPIBḡ™ CΠP·P°PSPëPNε C-P· P·P°CTC,PsCTCrPIP°PSPSCΠPj

PjPμC,C,,PsCTHPjC-PSCr, C...P°CTHP°PeC,PμCTHPëP·CrPIP°PICCTC PiC-PrPIPëC%PμPSPSCΠPj

PePsPSC†PμPSC,CTHP°CTC-PNε P»P°PeC,P°C,Cr PI PeCTHPsPIC- (> 5 PjPjPsP»CH/P»),

P°C†PëPrPsP·PsPj C-P· P°PSC-PsPSPSPëPj C-PSC,PμCTHPIP°P»PsPj (P±PμP· PsP·PSP°Pe

PePμC,PsPSCrCTHC-C— P°P±Ps PePμC,PsPSPμPjC-C—) C,P° P·P±C-P»CHC€PμPSPSCΠPj

CTPiC-PIPIC-PrPSPsC€PμPSPSCΠ P»P°PeC,P°C,: PiC-CTCrPIP°C,: CTHC-PIPSC-

PjPμC,C,,PsCTHPjC-PSCr Cr PiP»P°P·PjC- PeCTHPsPIC- P·P°P·PIPëC†P°PNε CTc,P°PSPsPIPëP»Pë

> 5 PjPePi/PjP». PḡPμC,C,,PsCTHPjC-PS P·PSPëPΠCrC" P·P°C...PsPiP»PμPSPSCΠ

P»P°PeC,P°C,Cr PiPμC†C-PSPePsCTH, PiC-PrPIPëC%CrCTHC†Pë CTHC-PIPSC- P»P°PeC,P°C,Cr

Cr PeCTHPsPIC-, C%Ps P·P±C-P»CHC€CrC" CTHPëP·PëPe CTHPsP·PIPëC,PeCr

P»P°PeC,PsP°C†PëPrPsP·Cr, PsCTPsP±P»PëPIPs Cr PiP°CTC-C"PSC,C-PI PiCTCrPiPë

CTHPëP·PëPeCr.

PJ CTHP°P·C- PiC-PrPsP·CTHPë PSP° P»P°PeC,PsP°C†PëPrPsP·, PiPsPIBḡ™ CΠP·P°PSPëPNε C-P·

P·P°CTC,PsCTCrPIP°PSPSCΠPj PjPμC,C,,PsCTHPjC-PSCr, PiPsC,CTHC-P±PSPs PSPμPiP°PNεPSPs

PIPΠPëC,Pë PiC-PrC,CTHPëPjCrPIP°P»CHHPSPëC... P·P°C...PsPrC-PI PI CrPjPsPIP°C...

CTC,P°CTC-PsPSP°CTCr, P° C,P°PePsPΠ PSPμPiP°PNεPSPs PiCTHPëPiPëPSPëC,Pë

P·P°CTC,PsCTCrPIP°PSPSCΠ P»C-PeP°CTCrCHPePsPiPs P·P°CTPsP±Cr PḡCTC-PiPrCrPs

PμCTHPsP»PsPSPi.

PiPeC%Ps Cr PiP°CTC-C"PSC,C-PI, CΠPePëC... P»C-PeCrCTH,CH P»C-PeP°CTCrCHPePëPj

P·P°CTPsP±PsPj PḡCTC-PiPrCrPs PμCTHPsP»PsPSPi, PrC-P°PiPSPsCTC,PsPIP°PSPs

P»P°PeC,PsP°C†PëPrPsP· P°P±Ps C" CTPμCTHPNεPsP·PSP° PiC-PrPsP·CTHP° PSP° PNεPsPiPs

PSP°CΠIPSC-CTC,CH, CTHPμPePsPjPμPSPrCrC"C,CHCTC PSPμPiP°PNεPSPs

PiCTHPsPIPμCTC,Pë PiPμPjPsPrC-P°P»C-P· P· PjPμC,PsCTH PePsCTHPμPeC†C-C— P°C†PëPrPsP·Cr

C,P° PIPëPIPμPrPμPSPSCΠ PSP°PePsPiPëC†PμPSPsPiPs PjPμC,C,,PsCTHPjC-PSCr

(PjPμC,C,,PsCTHPjC-PSCr PiC-PrCTHPsC...P»PsCTHPëPr PIPëPIPsPrPëC,CHCTC C€P»CΠC...PsPj

PrC-P°P»C-P·Cr C-P· PeP»C-CTHPμPSCrPsPj PrPs 170 PjP»/C...PI P·P° CrPjPsPI

PSP°P»PμPΠPSPsC— PiPμPjPsPrPëPSP°PjC-PePë). P" PμPjPsPrC-P°P»C-P· C†P°CTC,Ps

CTPiCTHPëCΠPI P·PSPëPePSPμPSPSCr CTPëPjPiC,PsPjC-PI C,P° PsPrCrPΠP°PSPSCr

PiP°CTC-C"PSC,P°.

PḡPμPsP±C...C-PrPSPs PiPsPIC-PrPsPjPëC,Pë PiP°CTC-C"PSC,P°Pj C,P° C—C...PSC-Pj

CTHPsPrPëPSP°Pj PiCTHPs CTPëPjPiC,PsPjPë P»P°PeC,PsP°C†PëPrPsP·Cr C-

PiCTHPsC-PSCrCTC,CTCrPeC,CrPIP°C,Pë C—C..., C%PsP± Cr CTHP°P·C- PiPsCΠIPë C†PëC...

CTPëPjPiC,PsPjC-PI PIPsPSPë PiCTHPëPiPëPSPëP»Pë P·P°CTC,PsCTCrPIP°PSPSCΠ

P»C-PeP°CTCrCHPePsPiPs P·P°CTPsP±Cr PḡCTC-PiPrCrPs PμCTHPsP»PsPSPi C,P°

PiPsPIC-PrPsPjPëP»Pë PiCTHPs PiPsCΠPICr C†PëC... CTPëPjPiC,PsPjC-PI CTPIPsC"PjCr

P»C-PeP°CTCH.

P"P»CΠ PePsPΠPSPsPiPs P· PIC-PrPsPjPëC... C- PjPsPΠP»PëPIPëC... C,,P°PeC,PsCTHC-PI

CTHPëP·PëPeCr PIPëPSPëPePSPμPSPSCΠ P»P°PeC,PsP°C†PëPrPsP·Cr Cr P·PIBḡ™ CΠP·PeCr

C-P· P·P°CTC,PsCTCrPIP°PSPSCΠPj PjPμC,C,,PsCTHPjC-PSCr, PSPëPΠC†Pμ PSP°PIPμPrPμPSPs

CTHPμPePsPjPμPSPrP°CTC-C— C%PsPrPs P·PSPëPΠPμPSPSCΠ C,P°PePsPiPs CTHPëP·PëPeCr

C,P° PePsCTHPμPeC†C-C— P»P°PeC,PsP°C†PëPrPsP·Cr, PiPsPIBḡ™ CΠP·P°PSPsPiPs C-P·

P·P°CTC,PsCTCrPIP°PSPSCΠPj PjPμC,C,,PsCTHPjC-PSCr.

$P-P \gg PsPIP \nparallel P\ddot{e}PIP^{\circ}PSPSC \sqcup P^{\circ}P \gg PePsPiPsP \gg P\mu Pj$. $P\mathfrak{h}P \gg PePsPiPsP \gg CH\mathfrak{b} \text{ PiPsC}, P\mu PSC \uparrow C-CHC''$
 $PIP\ddot{i}P \gg P\ddot{e}PI \text{ PjP}\mu C, C,, PsC\mathfrak{h}PjC-PSCr \text{ PSP}^{\circ} \text{ PjP}\mu C, P^{\circ}P \pm PsP \gg C-P \cdot Pj \text{ P} \gg P^{\circ}PeC, P^{\circ}C, Cr, C\%Ps \text{ PjPsP} \nparallel P\mu$
 $P \cdot P \pm C-P \gg CHC\mathfrak{e}CrPIP^{\circ}C, P\ddot{e} \text{ C}\mathfrak{h}P\ddot{e}P \cdot P\ddot{e}Pe \text{ C}\mathfrak{h}PsP \cdot PIP\ddot{e}C, PeCr \text{ P} \gg P^{\circ}PeC, PsP^{\circ}C \uparrow P\ddot{e}PrPsP \cdot Cr,$
 $PiPsPiB\mathfrak{h}^{\text{TM}} \text{ C}\sqcup P \cdot P^{\circ}PSPsPiPs \text{ C-P} \cdot P \cdot P^{\circ}C\uparrow C, PsC\uparrow CrPIP^{\circ}PSPSC \sqcup Pj \text{ PjP}\mu C, C,, PsC\mathfrak{h}PjC-PSCr$.

$\text{P}_{\text{II}}\text{P}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}^{\circ}\text{PSC}, \text{C}-\text{PI}, \text{C}^{\dagger} \text{C}_{\text{II}}\text{PeP}\ddot{\text{C}}\dots \text{PSP}^{\circ} \text{C}_{\text{II}}, \text{PsPSC}-\text{P}\cdot\text{P}^{\circ}\text{C}^{\dagger}\text{C}, \text{PsC}^{\dagger}\text{C}^{\dagger}\text{PIP}^{\circ}\text{PSPSC}_{\text{II}}$
 $\text{P}\gg\text{C}-\text{PeP}^{\circ}\text{C}^{\dagger}\text{C}^{\dagger}\text{CH}\text{PePsPiPs} \text{P}\cdot\text{P}^{\circ}\text{C}^{\dagger}\text{PsP}\pm\text{C}^{\dagger} \text{P}_{\text{II}}\text{C}^{\dagger}\text{C}-\text{PiPrC}^{\dagger}\text{Ps} \text{P}_{\text{II}}\text{C}^{\dagger}\text{PsP}\gg\text{PsPSPi}$
 $\text{PIP}\ddot{\text{P}}\text{PSP}\ddot{\text{P}}\text{PeP}^{\circ}\text{C}^{\dagger}\text{C}, \text{CH} \text{C}^{\dagger}\text{P}\ddot{\text{P}}\text{PiC}, \text{PsPiP}\ddot{\text{C}}, \text{C}_{\text{II}}\text{P}\text{P}_{\text{II}}\text{PePsPiPs} \text{PiP}_{\text{II}}\text{C}, \text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{C}-\text{C}\ddagger\text{PSPsPiPs}$
 $\text{P}^{\circ}\text{C}^{\dagger}\text{P}\ddot{\text{P}}\text{PrPsP}-\text{C}^{\dagger}, \text{PiPsC}, \text{C}^{\dagger}\text{C}-\text{P}\pm\text{PSPs} \text{PsP}\pm\text{C}^{\dagger}\text{C}, \text{P}_{\text{II}}\text{P}\text{P}_{\text{II}}\ddot{\text{C}}, \text{P}\ddot{\text{C}} \text{PSP}^{\circ} \text{PSP}^{\circ}\text{C}_{\text{II}}\text{PIPSC}-\text{C}^{\dagger}\text{C}, \text{CH}$
 $\text{PePuC}, \text{PsP}^{\circ}\text{C}^{\dagger}\text{P}\ddot{\text{P}}\text{PrPsP}-\text{C}^{\dagger}, \text{PSPuP}\cdot\text{P}^{\circ}\text{P}\gg\text{PuP}\text{P}_{\text{II}}\text{PSPs} \text{PIC}-\text{Pr} \text{PePsPSC}\ddagger\text{PuPSC}, \text{C}^{\dagger}\text{P}^{\circ}\text{C}^{\dagger}\text{C}-$

PiP»CḤPePsP·Pë Cr PeCḤPsPIC-, PsCíPeC-P»CḤPePë PSP° C,P»C- P·P°CíC,PsCíCíPIP°PSPSCíC
P»C-PeP°CḤCíCḤPePsPiPs P·P°CíPsP±Cí PḤCíC-PiPrCíPs PḡCḤPsP»PsPSPi
PePḡC,PsP°CíPëPrPsP· PjPsPḡPḡ P±CíC,Pë PSP°CíPIPSPëPj, PSP°PIC-C,Ḥ CíPeC%Ps
CḤC-PIPḡPSCḤ PiP»CḤPePsP·Pë Cr PeCḤPsPIC- PSPëPḡCíPḡ 250 PjPi/PrP» (14 PjPjPsP»CḤ/P»)).
Pj CḤP°P·C- PiC-PrPsP·CḤPë PSP° PePḡC,PsP°CíPëPrPsP· CíP»C-Pr PiCḤPëPiPëPSPëC,Pë
P·P°CíC,PsCíCíPIP°PSPSCíC P»C-PeP°CḤCíCḤPePsPiPs P·P°CíPsP±Cí PḤCíC-PiPrCíPs
PḡCḤPsP»PsPSPi, PsP±CíC,PḡPḡPëC,Pë PiP°CíC-C"PSC,P° C- PSPḡPIC-PrPeP»P°PrPSPs
CḤPsP·PiPsCíP°C,Pë P»C-PeCíPIP°PSPSCíC. P"»CíC PePsCḤPḡPeCíC-C—
PePḡC,PsP°CíPëPrPsP·Cí PjPsPḡPḡ P±CíC,Pë PSPḡPsP±C...C-PrPSPḡ
P·P°CíC,PsCíCíPIP°PSPSCíC C-PSCíCíP»C-PSCí, PIPIPḡPrPḡPSPSCíC CḤC-PrPëPSPë C-
PePsCḤPḡPeCíC-CíC PICíPiP»PḡPIPsPrPSPsPiPs PsP±PjC-PSCí.

P—P° PrP°PSPëPjPë PiC-CíP»CíCḤPḡC"CíC,CḤP°CíC-PNḡPSPëC... PiPsPIC-PrPsPjP»PḡPSCḤ Cr
P±P°PiP°C,ḤPsC... PIPëPiP°PrPeP°C..., PsCíPsP±P»PëPIPs Cr PiP°CíC-C"PSC,C-PI C-P·
CíCíPeCḤPsPIPëPj PrC-P°P±PḡC,PsPj 1-PiPs C,PëPiCí, PSP°CíPIPS-CíC,Ḥ
PePḡC,PsP°CíPëPrPsP·Cí P±CíP»P° CḤPsP·PiC-P·PSP°PSP° PSPḡ PsPrCḤP°P·Cí C-
P»C-PeCíPIP°PSPSCíC CḤPsP·PiPsCíP°C,Ps C-P· P·P°C,CḤPëPjPePsCḤ CíPḡCḤPḡP· C,Pḡ, C%Ps
PePsPSCíPḡPSC,CḤP°CíC-CíC PiP»CḤPePsP·Pë Cr PeCḤPsPIC- P±CíP»P° PSPëPḡCíPsCḤ P·P°
CḤC-PIPS-, C%Ps P·P°P·PIPëCíP°PNḡ PsCíC-PeCíCḤC,ḤCíCíCíC Cr PIPëPiP°PrPeCí
PrC-P°P±PḡC,PëCíPSPsPiPs PePḡC,PsP°CíPëPrPsP·Cí (CíP°CíC,Ps PjPḡPSCëPḡ 250 PjPi/PrP»
(14 PjPjPsP»CḤ/P»)).

PíCíPeCḤPsPIPëPNḡ PrC-P°P±PḡC, 2-PiPs C,PëPiCí C,P° P·P°C...PIPsCḤCḤPIP°PSPSCíC
PiC-PrCëP»CíPSPePsPIPsC— P·P°P»PsP·Pë (PSP°PiCḤPëPeP»P°Pr PiPḡCḤPḡPSPḡCíPḡPSPëPNḡ
PiP°PSPeCḤPḡP°C,PëC, P°P±Ps PsPiPḡCḤP°CíC-CíC PSP° PiC-PrCëP»CíPSPePsPIC-PNḡ
P·P°P»PsP·C-) C,P°PePsPḡ C" C,,P°PeC,PsCḤP°PjPë CḤPëP·PëPeCí CḤPsP·PIPëC,PeCí
PePḡC,PsP°CíPëPrPsP·Cí. Pj PiC-CíP»CíCḤPḡC"CíC,CḤP°CíC-PNḡPSPëPNḡ PiPḡCḤC-PsPr
P±CíP»Ps P·P°CḤPḡC"CíC,CḤPsPIP°PSPs P»PḡC,P°P»CḤPSC- PIPëPiP°PrPePë
PePḡC,PsP°CíPëPrPsP·Cí PI PiP°CíC-C"PSC,C-PI C-P· CíCíPeCḤPsPIPëPj PrC-P°P±PḡC,PsPj 2-
PiPs C,PëPiCí, CíPeC- P·P°CíC,PsCíPsPICíPIP°P»Pë C-PSPiC-P±C-C,PsCḤPë KḤP—PḤPḡP"-2,
P·PsPeCḤPḡPjP° PrP°PiP°PiP»C-C,,P»PsP·PëPS.

P"Ps CrPjPsPI, C%Ps CíPiCḤPëCíCḤC,Ḥ CḤPsP·PIPëC,PeCí PrC-P°P±PḡC,PëCíPSPsPiPs
PePḡC,PsP°CíPëPrPsP·Cí P°P±Ps C-PSCëPëC... PePḡC,PsP°CíPëPrPsP·C-PI, PSP°P»PḡPḡP°C,Ḥ
PSPḡPrPsCíC,P°C,PSCíC C-PSCíCíP»C-PSC-P·P°CíC-CíC PIPSP°CíP»C-PrPsPe
P·PSPëPḡPḡPSPSCíC PrPsP·Pë C-PSCíCíP»C-PSCí P°P±Ps PiCḤPsPiCíCíPeCí PiCḤPëPNḡPsPjCí
PrPsP·Pë C-PSCíCíP»C-PSCí, PiPsCíC,CḤC- PiP°CḤCíCíPePsPIC-
P·P°C...PIPsCḤCḤPIP°PSPSCíC, P·PSPëPḡPḡPSPSCíC CíPiPsPḡPëPIP°PSPSCíC PeP°P»PsCḤC-PNḡ,
PePḡC,PsPiPḡPSPSP° PrC-C"°C,P°, C...C-CḤCíCḤPiC-CíPSPḡ PIC,CḤCíCíP°PSPSCíC,
P·PjPḡPSCëPḡPSPSCíC PsP±bḤ™C"PjCí CḤC-PrPëPSPë C,P° P·P»PsPIPḡPëPIP°PSPSCíC
P°P»PePsPiPsP»PḡPj.

PḤP·PSP°PePë C,P° CíPëPjPiC,PsPjPë CíPIC-PrCíP°C,Ḥ PiCḤPs PrPḡPiC-PrCḤP°C,P°CíC-CḤ C-
C,CíPḡPḡPëPNḡ PjPḡC,P°P±PsP»C-CíPSPëPNḡ P°CíPëPrPsP· C,P° PIPeP»CḤCíP°CḤC,ḤB
PSCíPrPsC,Cí, P±P»CḤPIP°PSPSCíC, P±C-P»CḤ Cr PḡPëPIPsC,C-, P·P°PiP°P»CḤPSPḡ
PSPḡP·PrCíPḡP°PSPSCíC C- P·P°PrPëCëPeCí. P' PrPḡCíPePëC... PIPëPiP°PrPeP°C... P±CíP»Pë
PIPëCíPIP»PḡPSC- C,,P°PeC,PsCḤPë CíC...PëP»CḤPSPsCíC,C- PrPs PePḡC,PsP°CíPëPrPsP·Cí,
C,P°PeC- CíPe P·PjPḡPSCëPḡPSPSCíC PrPsP·Pë C-PSCíCíP»C-PSCí, PiPsCíC,CḤPḡ
P·P°C...PIPsCḤCḤPIP°PSPSCíC P· PiP°CḤCíCíPePsCḤ, P·PjPḡPSCëPḡPSPSCíC
CíPiPsPḡPëPIP°PSPSCíC PeP°P»PsCḤC-PNḡ, C...C-CḤCíCḤPiC-CíPSPḡ PIC,CḤCíCíP°PSPSCíC,
CḤPsP·P»P°PrPë P· P±PsPeCí PiC-PrCëP»CíPSPePsPIPsC— P·P°P»PsP·Pë, C%Ps PrP°CḤC,Ḥ
PiC-PrCíC,P°PIPë PiCḤPëPiCíCíC,PëC,Pë PSPḡPrPsCíC,P°C,PSC-CíC,Ḥ C-PSCíCíP»C-PSCí

(PSP°PīCḡPēPeP»P°Pr, C†CṛPeCḡPsPIPēPNᵇ PrC-P°P±PμC, 1-PiPs C,PēPīCṛ,
PSP°CḷIPISC-CṛC,CH PI P°PSP°PjPSPμP·C- PīP°PSPeCḡPμP°C,PēC,Cṛ P°P±Ps
C...C-CḡCṛCḡPiC-C†PSPsPiPs PIC,CḡCṛC†P°PSPSCḷ PSP° PīC-PrCēP»CṛPSPePsPIC-PNᵇ
P·P°P»PsP·C-), C,P° P·P»PsPIP¶PēPIP°PSPSCḷ P°P»PePsPiPsP»PμPj.

PμPμCḡPμPr PīPsC†P°C,PePsPj P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P»C-PeP°CḡCṛCHPePsPiPs
P·P°CṛPsP±Cṛ PḡCṛC-PiPrCṛPs PμCḡPsP»PsPSPI CṛP»C-Pr PICḡP°C...CṛPIP°C,Pē
PSP°CḷIPISC-CṛC,CH PI P°PSP°PjPSPμP·C- PīP°C†C-C”PSC,P° C„P°PeC,PsCḡC-PI, C°Ps
PjPsP¶CṛC,CH CṛPīCḡPēCḷC,Pē CḡPsP·PIPēC,PeCṛ PePμC,PsP°C†PēPrPsP·Cṛ, PI C,PsPjCṛ
C†PēCṛP»C- P·CṛPjPsPIP»PμPSCṛ P±CṛPrCH-CḷPePēPjPē PīCḡPēC†PēPSP°PjPē
PīP°PSPeCḡPμP°C,PēC†PSCṛ PSPμPrPsCṛC,P°C,PSC-CṛC,CH C-PSCṛCṛP»C-PSCṛ,
PsP±PjPμP¶PμPSPμ CṛPīPsP¶PēPIP°PSPSCḷ PeP°P»PsCḡC-PNᵇ C- P·P»PsPIP¶PēPIP°PSPSCḷ
P°P»PePsPiPsP»PμPj.

PŸP»C-Pr CḡPsP·PiP»CḷPSCṛC,Pē PjPsP¶P»PēPIC-CṛC,CH C,PēPjC†P°CṛPsPiPsPiPs
PīCḡPēPīPēPSPμPSPSCḷ PīCḡPēPNᵇPsPjCṛ P»C-PeP°CḡCṛCHPePsPiPs P·P°CṛPsP±Cṛ
PḡCṛC-PiPrCṛPs PμCḡPsP»PsPSPI PīP°C†C-C”PSC,P°PjPē, CḷPeC- PsC†C-PeCṛCḡC,CH
C...C-CḡCṛCḡPiC-C†PSPsPiPs PIC,CḡCṛC†P°PSPSCḷ (C°PsPSP°PNᵇPjPμPSCēPμ P·P° 3 PrPSC-
PrPs PNᵇPsPiPs PīCḡPsPiPμPrPμPSPSCḷ, PrPēPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsP»PsPiC-C†PSC- PIP»P°CṛC,PēPIPsCṛC,C-B»). P C-PIPμPSCḡ PiP»CḡPePsP·Pē
PI PeCḡPsPIC- PSP° PjPsPjPμPSC, PIPēCḷIP»PμPSPSCḷ PjPsP¶Pμ P±CṛC,Pē PSPēP¶C†PēPj,
PSC-P¶ P·P°P·PIPēC†P°PNᵇ PsC†C-PeCṛC”C,CHCṛCḷ PīCḡPē PrC-P°P±PμC,PēC†PSPsPjCṛ
PePμC,PsP°C†PēPrPsP·C- (PSP°PīCḡPēPeP»P°Pr PjPμPSCēPμ PSC-P¶ 250 PjPi/PrP»
(14 PjPjPsP»CH/P»)). PḡPμC,PsP°C†PēPrPsP· C- PiP»CḡPePsP·CṛCḡC-Cḷ PjPsP¶CṛC,CH
C,CḡPēPIP°C,Pē PrPsPICēPμ, PSC-P¶ P·P°P·PIPēC†P°PNᵇ PsC†C-PeCṛC”C,CHCṛCḷ.
P’PēPIPμPrPμPSPSCḷ PiP»CḡPePsP·Pē C-P· CṛPμC†PμCḡ PīCḡPsPrPsPIP¶CṛC”C,CHCṛCḷ
PīCḡPsC,CḷPiPsPj 3 PrPSC-PI PīC-CṛP»Cḷ PīCḡPēPīPēPSPμPSPSCḷ
P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P»C-PeP°CḡCṛCHPePsPiPs P·P°CṛPsP±Cṛ PḡCṛC-PiPrCṛPs
PμCḡPsP»PsPSPI (PrPēPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsP»PsPiC-C†PSC-
PIP»P°CṛC,PēPIPsCṛC,C-B»[\]](#), PsPrPSP°Pe Cṛ PīC-CṛP»CḷCḡPμC”CṛC,CḡP°C†C-PNᵇPSPēPNᵇ
PīPμCḡC-PsPr P±CṛP»Ps P·P°CḡPμC”CṛC,CḡPsPIP°PSPs PIPēPīP°PrPePē PePμC,PsP°C†PēPrPsP·Cṛ
C,P°/P°P±Ps PiP»CḡPePsP·CṛCḡC-C—, C°Ps C,CḡPēPIP°P»Pē PīPsPSP°Pr 6 PrPSC-PI, P° PI
PrPμCḷPePēC... PIPēPīP°PrPeP°C... Bḡ” PrPs 2 C,PēP¶PSC-PI PīC-CṛP»Cḷ
PīCḡPēPīPēPSPμPSPSCḷ P·P°CṛC,PsCṛCṛPIP°PSPSCḷ C-PSPIC-P±C-C,PsCḡC-PI PḡP—PḡPŸP”-2.

P—P° PSP°CḷIPSPsCṛC,C- PeP»C-PSC-C†PSPēC... PīPsPeP°P·P°PSCḡ CṛP»C-Pr
CḡPsP·PiP»CḷPSCṛC,Pē PjPsP¶P»PēPIC-CṛC,CH PePsPSC,CḡPsP»Cḡ CḡC-PIPSCḷ
PePμC,PsPSC-PI Cṛ PīP°C†C-C”PSC,C-PI P· CḡPēP·PēPePsPj CḡPsP·PIPēC,PeCṛ
PePμC,PsP°C†PēPrPsP·Cṛ. PḡPμPsP±C...C-PrPSPs PsC†C-PSCḡPIP°C,Pē PSP°CḷIPISC-CṛC,CH
PePμC,PsP°C†PēPrPsP·Cṛ PSPμP·P°P»PμP¶PSPs PIC-Pr PīPsC,PsC†PSPsPiPs CḡC-PIPSCḷ
PiP»CḡPePsP·Pē PI PeCḡPsPIC- Cṛ PīP°C†C-C”PSC,C-PI, CḷPeC- PjP°CḡC,CH PsP·PSP°PePē C,P°
CṛPēPjPīC,PsPjPē, C...P°CḡP°PeC,PμCḡPSC- PrP»Cḷ C,CḷP¶PePsPiPs
PjPμC,P°P±PsP»C-C†PSPsPiPs P°C†PēPrPsP·Cṛ. PμCḡPē PīC-PrPsP·CḡC- PSP°
PePμC,PsP°C†PēPrPsP· CṛP»C-Pr PīCḡPēPīPēPSPēC,Pē PīCḡPēPNᵇPsPj P»C-PeP°CḡCṛCHPePsPiPs
P·P°CṛPsP±Cṛ PḡCṛC-PiPrCṛPs PμCḡPsP»PsPSPI, PSPμPiP°PNᵇPSPs PīCḡPsPiPμCṛC,Pē
PrC-P°PiPSPsCṛC,PēPeCṛ C,P° P»C-PeCṛPIP°PSPSCḷ PePμC,PsP°C†PēPrPsP·Cṛ, CḷPeC°Ps
PIC-PS PīC-PrC,PIPμCḡPrPēC,CHCṛCḷ. PḡPμPsP±C...C-PrPSPs CṛPīPsCṛC,PμCḡC-PiP°C,Pē P·P°
CṛC,P°PSPsPj PīP°C†C-C”PSC,C-PI C°PsPrPs CṛCṛCṛPSPμPSPSCḷ PePμC,PsP°C†PēPrPsP·Cṛ
PīPμCḡPμPr PIC-PrPSPsPIP»PμPSPSCḷPj PīCḡPēPNᵇPsPjCṛ P»C-PeP°CḡCṛCHPePsPiPs
P·P°CṛPsP±Cṛ PḡCṛC-PiPrCṛPs PμCḡPsP»PsPSPI.

PŸP»C-Pr PīCḡPēP·CṛPīPēPSPēC,Pē P·P°CṛC,PsCṛCṛPIP°PSPSCḷ P»C-PeP°CḡCṛCHPePsPiPs

P·P°CÍPSP±Cí PьCÍC-PiPrCíPs PұCђPsP»PsPSPI, CИPеC%Ps C†Pμ PjPsP¶P»PëPIPs, PI C,PëPjC†P°CÍPSPiPëC... PeP»C-PSC-C†PSPëC... CÍPëC,CíP°C†C-CИC..., C%Ps PjPsP¶CíC,CH CÍPiCђPsPIPsPeCíPIP°C,Pë CђPsP·PIPëC,PsPe PePμC,PsP°C†PëPrPsP·Cí PI PïP°C†C-C"PS C-PI (PSP°PiCђPëPeP»P°Pr, PiCђPë C,CђPëPIP°P»PsPjCí PiPsP»PsPrCíPIP°PSPSC- C†PμCђPμP·PiPsCÍC,CђCí C...PIPsCђPsP±Cí P°P±Ps PI PïPμCђC-PsPr PiC-CÍP»CИ C...C-CђCíCђPiC-C†PSPsPiPs PIC,CђCíC†P°PSPSCИ). PќPμPsP±C...C-PrPSPs PïPμCђPμPePsPSP°C,PëCÍCИ PI CíCÍCíPSPμPSPSC- C,,P°PeC,PsCђC-PI CђPëP·PëPeCí CђPsP·PIPëC,PeCí PePμC,PsP°C†PëPrPsP·Cí PïPμCђPμPr PïPsPIC,PsCђPSPëPj PïPsC†P°C,PePsPj P»C-PeCíPIP°PSPSCИ. PұCђPëPNëPsPj P»C-PeP°CђCÍCHPePsPiPs P·P°CÍPSP±Cí PьCÍC-PiPrCíPs PұCђPsP»PsPSPI PjPsP¶PSP° PIC-PrPSPsPIPëC,Pë, PePsP»Pë CÍC,P°PS PïP°C†C-C"PS C,P° PeP»C-PSC-C†PSPs CÍC,P°P±C-P»CHPSPëPNë C- PIC-PS PjPsP¶Pμ PIP¶PëPIP°C,Pë C—P¶Cí PïPμCђPsCђP°P»CHPSPs (PrPëPI CђPsP·PrC-P» B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCíPIP°PSPSCИ C,P° PrPsP·PëB»).

PŸP»C-Pr PïPsPIC-PrPsPjPëC,Pë PïP°C†C-C"PS C-PI PiCђPs PsP·PSP°PePë C- CÍPëPjPiC,PsPjPë PePμC,PsP°C†PëPrPsP·Cí C,P° PSPμPsP±C...C-PrPSC-CÍC,CH PiCђPëPïPëPSPμPSPSCИ PiCђPëPNëPsPjCí P»C-PeP°CђCÍCHPePsPiPs P·P°CÍPSP±Cí PьCÍC-PiPrCíPs PұCђPsP»PsPSPI C- PSPμPiP°PNëPSPsPiPs P·PIPμCђPSPμPSPSCИ P·P° PjPμPrPëC†PSPsCђ PrPsPïPsPjPsPiPsCђ PiCђPë PIPëPSPëPePSPμPSPSC- C,P°PePëC... PsP·PSP°Pe C- CÍPëPjPiC,PsPjC-PI.

P—PjPμPSC€PμPSPSCИ PsP±вђ™ C"PjCé CђC-PrPëPSPë

P"°PïP°PiP»C-C,,P»PsP·PëPS PjPsP¶Pμ CÍPiCђPëC†PëPSPëC,Pë P·PjPμPSC€PμPSPSCИ PIPSCíC,CђC-C€PSCђPsCÍCíPrPëPSPSPsPiPs PsP±вђ™ C"PjCí, C%Ps C-PSPsPrC- PjPsP¶Pμ PiCђPsCИPIP»CИC,PëCÍCИ CÍPëPjPiC,PsPjP°C,PëC†PSPsCђ PiC-PiPsC,PμPSP·C-C"CH P°P±Ps PiPsCÍC,CђPëPjPë C,CђP°PSP·PëC,PsCђPSPëPjPë P·PjC-PSP°PjPë CђC-PIPSИ PeCђPμP°C,PëPSC-PSCí (PrPëPI. CђPsP·PrC-P» B«PұPsP±C-C†PSC- CђPμP°PeC†C-C—B»). PќP°PrC...PsPrPëP»Pë PiC-CÍP»CИCђPμC"CÍC,CђP°C†C-PNëPSC- PïPsPIC-PrPsPjP»PμPSPSCИ PiCђPs PIPëPïP°PrPePë PiPsCÍC,CђPsPiPs CíCђP°P¶PμPSPSCИ PSPëCђPsPe Cí PïP°C†C-C"PS C-PI P· C†CíPeCђPsPIPëPj PrC-P°P±PμC,PsPj 2-PiPs C,PëPiCí, CИPеC- PsPrPμCђP¶CíPIP°P»Pë C-PSPiC-P±C-C,PsCђPë PќP—PьPŸP"-2, P·PsPeCђPμPjP° PrP°PïP°PiP»C-C,,P»PsP·PëPS, PrPμCИPеC- C-P· C†PëC... PïP°C†C-C"PS C-PI PiPsC,CђPμP±CíPIP°P»Pë PiPsCÍPiC-C,P°P»C-P·P°C†C-C— C,P° PiCђPsPIPμPrPμPSPSCИ PrC-P°P»C-P·Cí. PұP°C†C-C"PS C,Pë P· PiPsCђCíC€PμPSPSCИPj C,,CíPSPeC†C-C— PSPëCђPsPe (CђPëPьP» PjPμPSC€Pμ 60 PjP»/C...PI/1,73 Pj²), PïP°C†C-C"PS C,Pë P»C-C,PSCђPsPiPs PIC-PeCí P°P±Ps PïP°C†C-C"PS C,Pë, CИPеC- PiCђPëPNëPjP°CђC,CH PïPμC,P»CHPsPIC- PrC-CíCђPμC,PëPePë, PjPsP¶CíC,CH PjP°C,Pë PiC-PrPIPëC%PμPSPëPNë CђPëP·PëPe P·PjPμPSC€PμPSPSCИ PsP±вђ™ C"PjCí CђC-PrPëPSPë P°P±Ps CђPsP·PIPëC,PeCí P°CђC,PμCђC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C—. PұPμCђPμPr PïPsC†P°C,PePsPj P·P°CÍC,PsCÍCíPIP°PSPSCИ PьCÍC-PiPrCíPs PұCђPsP»PsPSPI Cí PïP°C†C-C"PS C-PI P· PsPrPSC-C"CH P°P±Ps PeC-P»CHPePsPjP° P· C†PëC... C...P°CђP°PeC,PμCђPëCÍC,PëPe CÍP»C-Pr PsC†C-PSPëC,Pë PIPsP»PμPjC-C†PSPëPNë CÍC,P°C,CíCí C- C,,CíPSPeC†C-Cђ PSPëCђPsPe. PұC-CÍP»CИ PïPsC†P°C,PeCí C,PμCђP°PiC-C— CђPμPePsPjPμPSPPrCíC"C,CHCÍCИ CÍP»C-PrPeCíPIP°C,Pë P·P° PsP·PSP°PeP°PjPë C,P° CÍPëPjPiC,PsPjP°PjPë P°CђC,PμCђC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C— C,P° C,,CíPSPeC†C-C"CH PSPëCђPsPe.

PұPμCђPμPr PïPsC†P°C,PePsPj P·P°CÍC,PsCÍCíPIP°PSPSCИ P»C-PeP°CђCÍCHPePsPiPs P·P°CÍPSP±Cí PьCÍC-PiPrCíPs PұCђPsP»PsPSPI CÍP»C-Pr P·PIP°P¶PëC,Pë PSP°

PSP°CΠIPISC-CTC,CH C,,P°PeC,PsCTC-PI, C%Ps PjPsP¶CfC,CH PictjPsPIPsPeCfPIP°C,Pē CTjPsP·PIPēC,PsPe PiPsCTC,CTjPsPiPs CfCTjP°P¶PμPSPSCΠ PSPēCTjPsPe, PIPeP»CTC‡P°CTC‡Pē PiC-PiPsPIPsP»PμPjC-CT, C...CTjPsPSC-C‡PSCf PSPēCTjPePsPICf PSPμPrPsCTC,P°C,PSC-CTC,CH, P·P°CTC,C-PNēPSCf CTfPμCTC‡PμPICf PSPμPrPsCTC,P°C,PSC-CTC,CH C,P° CTfCfPiCfC,PSC" P·P°CTC,PsCTfCfPIP°PSPSCΠ P»C-PeP°CTjCTCHPePēC... P·P°CTfPs±C-PI (PrC-CfCTjPμC,PēPeC-PI, C-PSPiC-P±C-C,PsCTjC-PI PjPμPα, P±P»PsPeP°C,PsCTjC-PI CTjPμC‡PμPiC,PsCTjC-PI P°PSPiC-PsC,PμPSP·PēPSCf P†P†, PkPμP—P—).

PJCTjPsCTfPμPiCTfPēCT C- PiC-C" P»PsPSPμC,,CTjPēC,

PJ PiP°C†C-C"PSC,C-PI, CΠPeC- P·P°CTC,PsCTfPsPICfPIP°P»Pē C-PSPiC-P±C-C,PsCTjPē PkP—PμPjP"-2, Cf C,PsPjCf C‡PēCTfP»C- PrP°PiP°PiP»C-C,,P»PsP·PēPS, P·P°CTjPμC"CTC,CTjPsPIP°PSPs PIPēPiP°PrPePē CTfPμCTjPNēPsP·PSPēC... C-PSC,,PμPeC†C-PNē CTfPμC‡PsPIPēPIC-PrPSPēC... C€P»CΠC...C-PI, PI C,PsPjCf C‡PēCTfP»C- CfCTjPsCTfPμPiCTfPēCTfCf C- PiC-C"P»PsPSPμC,,CTjPēC,Cf, C%Ps PIPēPjP°PiP°P»Pē PiPsCTfPiC-C,P°P»C-P·P°C†C-C—. P—P°CTC,PsCTfCfPIP°PSPSCΠ C-PSPiC-P±C-C,PsCTjC-PI PkP—PμPjP"-2 Pict-PrPIPēC%CrC" CTjPēP·PēPe PIPēPSPēPePSPμPSPSCΠ C-PSC,,PμPeC†C-PNē CTfPμC‡PsPIPēPIC-PrPSPēC... C€P»CΠC...C-PI. PμP°C†C-C"PSC,C-PI PSPμPsP±C...C-PrPSPs PsP±CTC,PμP¶PēC,Pē PSP° PSP°CΠIPISC-CTC,CH CTfPēPjPiC,PsPjC-PI C-PSC,,PμPeC†C-PNē CTfPμC‡PsPIPēPIC-PrPSPēC... C€P»CΠC...C-PI C,P° P·P° PSP°CΠIPSPsCTC,C- PiPsPeP°P·P°PSCH PSPμPiP°PNēPSPs PictjPēP·PSP°C‡PēC,Pē P»C-PeCfPIP°PSPSCΠ (PrPēPI. CTjPsP·PrC-P» B«PμPsP±C-C‡PSC-CTjPμP°PeC†C-C—B»).

P"C-PiPsPiP»C-PePμPjC-CΠ PictjPē PsPrPSPsC‡P°CTfPSPsPjCž P·P°CTC,PsCTfCžPIP°PSPSC- P·C-PSCfCžP»C-PSPsPj C,P° CTfC,PēPjCžP»CΠC,PsCTjP°PjPē CTfPμPeCTjPμC†C-C—C-PSCfCžP»C-PSCž

P†PSCfCfP»C-PS C,P° CTfC,PēPjCfP»CΠC,PsCTjPē CTfPμPeCTjPμC†C-C— C-PSCfCfP»C-PSCf (PSP°PictjPēPeP»P°Pr CTfCfP»CHC,,PsPSC-P»CTfPμC‡PsPIPēPSP°), CΠPe PIC-PrPsPjPs, CTfPictjPēC‡PēPSCΠCTHC,CH CTjPsP·PIPēC,PsPe PiC-PiPsPiP»C-PePμPjC-C—. PμCTfC-PiPrCfPs PμCTjPsP»PsPSPi Cf PiPsC"PrPSP°PSPSC- P·C-PSCfCfP»C-PSPsPj P°P±Ps CTfC,PēPjCfP»CΠC,PsCTjPsPj CTfPμPeCTjPμC†C-C— C-PSCfCfP»C-PSCf PjPsP¶Pμ PiC-PrPIPēC%PēC,Pē CTjPēP·PēPe CTjPsP·PIPēC,PeCf PiC-PiPsPiP»C-PePμPjC-C— (PrPēPI. CTjPsP·PrC-P» B«PμPsP±C-C‡PSC-CTjPμP°PeC†C-C—B»). PjPsPjCf, C%PsP± P·PIPμCTC,Pē PrPs PjC-PSC-PjCfPjCf CTjPēP·PēPe CTjPsP·PIPēC,PeCf PiC-PiPsPiP»C-PePμPjC-C—, PjPsP¶Pμ P±CfC,Pē PSPμPsP±C...C-PrPSPēPj P·PSPēP·PēC,Pē PrPsP·Pē C-PSCfCfP»C-PSCf P°P±Ps CTfC,PēPjCfP»CΠC,PsCTjP° CTfPμPeCTjPμC†C-C— C-PSCfCfP»C-PSCf PictjPē C—C...PSCHPSPjCf P·P°CTC,PsCTfCfPIP°PSPSC- Cf PePsPjP±C-PSP°C†C-C— P·P»C-PeP°CTjCTCHPePēPj P·P°CTfPs±PsPj PμCTfC-PiPrCfPs PμCTjPsP»PsPSPi (PrPēPI. CTjPsP·PrC-P» B«P·P·P°C"PjPsPrC-CΠ P·C-PSC€PēPjPē P»C-PeP°CTjCTCHPePēPjPē P·P°CTfPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»).

PkPμPeCTjPsC,PēC‡PSPēPNē C,,P°CTfC†C-C—C, PictjPsPjPμP¶PēPSPē (PiP°PSPiCTjPμPSP° PαCžCTjPSCHC")

PJ PiPμCTjC-PsPr Pict-CTfP»CΠCTjPμC"CTC,CTjP°C†C-PNēPSPsPiPs CTfPiPsCTC,PμCTjPμP¶PμPSPSCΠ Cf PiP°C†C-C"PSC,C-PI C-P·C†CfPeCTjPsPIPēPj PrC-P°P±PμC,PsPj, CΠPeC- PsC,CTjPēPjCfPIP°P»Pē C-PSPiC-P±C-C,PsCTjPē PkP—PμPjP"-2, Cf C,PsPjCf C‡PēCTfP»C- PrP°PiP°PiP»C-C,,P»PsP·PēPS, PiPsPIC-PrPsPjP»CΠP»PsCTfCΠ PictjPs PSPμPeCTjPsC,PēC‡PSPēPNē C,,P°CTfC†C-C—C, PictjPsPjPμP¶PēPSPē (PiP°PSPiCTjPμPSP° PαCfCTjPSCHC"), C%Ps C" CTjC-PrPeC-CTfPSPsCH, P°P»Pμ CTfPμCTjPNēPsP·PSPsCH C,P°

PSP_μP±P_μP·P_μPμC±PSPsC_π PrP»C_μ P_μP_μC,C,C_μ PSP_μPeC_πPsC,P_μC±PSPsC_π
 C-PSC,,P_μPeC†C-C" C_π, C_μPeP° PIP_μPjP°P_μP°C" C,P_μC_πPjC-PSPsPIP_μPiPs
 C...C-C_πC_πC_πPiC-C±PSPsPiPs PIC,C_πC_πC_πC±P°PSPSC_μ. P'P_μPiP°PrPeP_μ
 C_πPμC"C_πC_πC_πPiP°P»P_μC_πC_μ C_μ C_π P_μC-PSPsPe, C,P°Pe C- PI C±PsP»PsPIC-PeC-PI.
 P_μPμC_πPN_μPsP·PSC- PSP°C_πP»C-PrPeP_μ PIP_μP»C_πC±P°P»P_μ PiPsC_πPiC-C,P°P»C-P°P°C†C-C_π,
 P±P°PiP°C,PsPeC_πP°C,PSC- PsP_μPμC_πP°C†C-C— C,P° C_πPjPμC_πC,C_π.

P_μP°C†C-C"PSC,C-PI, C_μPeC- PsC,C_πP_μP_μC_πC_πC_πC_π P_μC_πC- PiPrC_πPs P_μC_πPsP»PsPSPi,
 C_πP»C-Pr PsP±C_πC,P_μP_μP_μC,P_μ PSP° PSP°C_μPIPSC-C_πC,C_π PSP_μPeC_πPsC,P_μC±PSPsPiPs
 C,,P°C_πC†C-C—C,C_π C_π C_π C_πP°P·C- PIP_μPSP_μPePSP_μPSPSC_μ P±PsP»C_π P°P±Ps
 C...PIP_μC_πPsP±P»P_μPIPsC— C±C_πC,P»P_μPIPsC_πC-, P_μC_πP_μC,P_μPjP_μ P°P±Ps PSP°P±C_πC_μPeC_π
 PI PrC-P»C_μIPSC†C- C_πC,P°C,P_μPIP_μC... PsC_πPiP°PSC-PI C- PiC_πPsPjP_μP_μP_μP_μPSP_μ C,P° P·P°
 PSP°C_μPIPSPsC_πC- P»P_μC...PsPjP°PSP_μPeP_μ P°P±Ps P·P°PiP°P»C_πHPSPsPiPs
 PSP_μP·PrC_πP_μP°PSPSC_μ. Pj C_πP°P·C- PiC-PrPsP·C_πP_μ C_πP»C-Pr PSP_μPiP°PN_μPSPs
 C_πPsP·PiPsC±P°C,P_μ P»C-PeC_πPIP°PSPSC_μ P°PSC,P_μP±C-PsC,P_μPeP°PjP_μ C_πPeC_πPsPePsPiPs
 C_πPiP_μPeC,C_πP° PrC-C— C,P°, C_μPeC%Ps PSP_μPsP±C...C-PrPSPs, PiC_πPsPiP_μC_πC,P_μ
 C...C-C_πC_πC_πPiC-C±PSC_π PsP±C_πPsP±PeC_π. Pj C†C_πPsPjC_π C_πP°P·C- C_πP»C-Pr
 PiC_πP_μPiP_μPSP_μPeC,P_μ P»C-PeC_πPIP°PSPSC_μ P»C-PeP°C_πC_πC_πPeP_μPj P·P°C_πPsP±PsPj
 P_μC_πC- PiPrC_πPs P_μC_πPsP»PsPSPi, C_πPμC,PμP»C_πHPSPs PePsPSC,C_πPsP»C_πPIP°C,P_μ
 C_πC-PIPμPSC_π PiP»C_πPePsP·P_μ PI PeC_πPsPIC- C,P° PiC_πP_μP·PSP°C±P_μC,P_μ
 P°P»C_πC,PμC_πPSP°C,P_μPIPSC_π C,PμC_πP°PiC-C_π PrP»C_μ PiP»C-PePμPjC-C±PSPsPiPs
 PePsPSC,C_πPsP»C_π.

P_μPsPSC†P_μPSC,C_πP°C†C-C— PIC-C,P°PjC-PSCé B₁₂

P_μC-Pr C±P°C_π PePsPSC,C_πPsP»C_πHPsPiP°PSP_μPeC... PeP»C-PSC-C±PSP_μPeC...
 PrPsC_πP»C-PrP_μPμPSC_π P·P°C_πC,PsC_πC_πPiP°PSPSC_μ PjPμC,C,,PsC_πPjC-PSC_π, C%Ps
 C,C_πP_μPIP°P»P_μ PiC_πPsC,C_μPiPsPj 29 C,P_μP_μPSC-PI, PiC_πP_μP±P»P_μP·PSPs C_π 7 %
 PiP°C†C-C"PSC,C-PI C_πPiPsC_πC,PμC_πC-PiP°P»PsC_πC_μ P·PjPμPSC_μPePμPSPSC_μ C_πP°PSC-C_μPePμ
 PSPsC_πPjP°P»C_πHPSP_μPeC... C_πC-PIPSC-PI PIC-C,P°PjC-PSC_π B₁₂ C_π C_πP_μC_πPsPiP°C,C†C-
 PeC_πPsPIC- PSP_μP_μC±Pμ PSPsC_πPjP_μ, C%Ps PSPμ C_πC_πPiC_πPsPiPsPrP_μC_πPiP°P»PsC_πC_μ
 P_μPsPrPSP_μPjP_μ PeP»C-PSC-C±PSP_μPjP_μ PiC_πPsC_μPIP°PjP_μ. P_μP°PePμ P·PSP_μP_μPSPSC_μ,
 PN_μPjPsPIC-C_πPSPs, P·C_πPjPsPiP»PμPSPμ PIPiP»P_μPIPsPj PePsPjPiP»PμPeC_πC_π B«PIC-C,P°PjC-PS
 B₁₂-PIPSC_πC,C_πC-C_μPePSC-PN_μ C,,P°PeC,PsC_π P_μP°C_πC,P»P°B» PSP° P°P±C_πPsC_πP±C†C-C_π
 PIC-C,P°PjC-PSC_π B₁₂, PjPsP_μPμ C_πC_πPiC_πPsPiPsPrP_μC_πPiP°C,P_μC_πC_μ P°PSPμPjC-C" C_π, P°P»Pμ
 PiC_πP_μ PiC_πP_μPiP_μPSPμPSPSC- P·P°C_πC,PsC_πC_πPiP°PSPSC_μ PjPμC,C,,PsC_πPjC-PSC_π P°P±Ps
 PiC_πP_μ PiC_πP_μP·PSP°C±PμPSPSC- PIC-C,P°PjC-PSC_π B₁₂ PrPsC_πP_μC,C_π C_μPIP_μPrPePs
 P·PSP_μPeP°C". Pj PrPμC_μPeP_μPeC... PiP°C†C-C"PSC,C-PI (C-P· PSPμPrPsC_πC,P°C,PSC-Pj
 C_πC-PIPSPμPj C_πPiPsP_μP_μPiP°PSPSC_μ P°P±Ps P·P°C_πPIPsC"PSPSC_μ PIC-C,P°PjC-PSC_π B₁₂ C±P_μ
 PeP°P»C_πC†C-C_π) C_πPiPsC_πC,PμC_πC-PiP°C"C,C_πC_πC_μC_μ C_πC...P_μP»C_πHPSC-C_πC,C_π PrPs
 P·PSP_μP_μPSPSC_μ C_πC-PIPSC-PI PIC-C,P°PjC-PSC_π B₁₂ PSP_μP_μC±Pμ PSPsC_πPjP_μ.
 P_μPμPsP±C...C-PrPSPs C%PsC_πC-C±PSPs PiC_πPsPiPsPrP_μC,P_μ PsC†C-PSPeC_π
 PiPμPjP°C,PsP»PsPiC-C±PSP_μPeC... PiP°C_πP°PjPμC,C_πC-PI C,P° PePsP_μPSC- 2B_π"3 C_πPsPeP_μ
 PIP_μP·PSP°C±P°C,P_μ C_πC-PIPSC- PIC-C,P°PjC-PSC_π B₁₂ PrP»C_μ PePsPSC,C_πPsP»C_π P±C_πPrC_π-
 C_μPeP_μPeC... PIC-PrC...P_μP»PμPSC_π C_π PiP°C†C-C"PSC,C-PI, C_μPeC- PsC,C_πP_μP_μC_πC_πC_π,C_π
 P»C-PeC_πPIP°PSPSC_μ P»C-PeP°C_πC_πC_πPeP_μPj P·P°C_πPsP±PsPj P_μC_πC- PiPrC_πPs
 P_μC_πPsP»PsPSPi (PrP_μPI. C_πPsP·PrC-P» B«PμPsP±C-C±PSC- C_πPμP°PeC†C-C—B»).

P“CḡPëP±PePsPIC- C-PSC,,PμPeC†C-C— CḡC,P°C,PμPIPëC... PsCḡPiP°PSC-PI

P—P°CḡC,PsCḡC†PIP°PSPSCḡ PrP°PïP°PiP»C-C,,P»PsP·PëPSC† P·P±C-P»CHC€C†C” CḡPëP·PëPe
CḡPsP·PIPëC,PeC† PiCḡPëP±PePsPIPëC... C-PSC,,PμPeC†C-PNë CḡC,P°C,PμPIPëC...
PsCḡPiP°PSC-PI. PμP°C†C-C”PSC,Pë P· PSP°CḡPIPSC-CḡC,CH PI P°PSP°PjPSPμP·C-
PiCḡPëP±PePsPIPëC... C-PSC,,PμPeC†C-PNë CḡC,P°C,PμPIPëC... PsCḡPiP°PSC-PI P±C†P»Pë
P±C-P»CHC€ CḡC...PëP»CHPSC- PrPs CḡPsP·PIPëC,PeC† PiCḡPëP±PePsPIPëC...
C-PSC,,PμPeC†C-PNë CḡC,P°C,PμPIPëC... PsCḡPiP°PSC-PI (PrPëPI. CḡPsP·PrC-P»
B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

P PμPePsPjPμPSPPrPsPIP°PSPëPNë PjPsPSC-C,PsCḡPëPSPi C- PïCḡPsPIPμPrPμPSPSCḡ
PSP°P»PμPḡPSPsPiPs P»C-PeC†PIP°PSPSCḡ.

*P—P°CḡC,PsCḡC†PIP°PSPSCḡ Cḡ PïPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCH.*

P’P°PiC-C,PSC-CḡC,CH

P PμP·CHPjPμ CḡPëP·PëPeC-PI

PḡP° PïC-PrCḡC,P°PIC- PrP°PSPëC... PrPsCḡP»C-PrPḡPμPSCḡ PSP° C,PIP°CḡPëPSP°C...,
CḡPμP·C†P»CHC,P°C,Pë CḡPePëC... PIPeP°P·C†CHC,CH PSP° PïPsP±C-C†PSC† PrC-CH P·
P±PsPeC† PSPëCḡPsPe, P»C-PeP°CḡCḡCHPePëPNë P·P°CḡC-P± PḡCḡC-PiPrC†Ps
PμCḡPsP»PsPSPi PSPμ CḡPμPePsPjPμPSPPrC†C”C,CHCḡCḡ P·P°CḡC,PsCḡPsPIC†PIP°C,Pë PïC-Pr
C†P°Cḡ PrCḡC†PiPsPiPs C,P° C,CḡPμC,CHPsPiPs C,CḡPëPjPμCḡC,CḡC-PI PIP°PiC-C,PSPsCḡC,C-.

PḡP±PjPμPḡPμPSPëC... PrP°PSPëC... C%PsPrPs P·P°CḡC,PsCḡC†PIP°PSPSCḡ
P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±C† PḡCḡC-PiPrC†Ps PμCḡPsP»PsPSPi P°P±Ps
PrP°PïP°PiP»C-C,,P»PsP·PëPSC† PIP°PiC-C,PSPëPj PḡC-PSPeP°Pj PSPμPrPsCḡC,P°C,PSCḡPs,
C%PsP± PIPëP·PSP°C†PëC,Pë CḡPëP·PëPe CḡPμCḡPNëPsP·PSPëC... PICḡPsPrPḡPμPSPëC... PIP°Pr
CḡPsP·PIPëC,PeC† P°P±Ps PIPëPePëPrPSC-PI, PïPsPiḡḡ™ CḡP·P°PSPëC... C-P·
P·P°CḡC,PsCḡC†PIP°PSPSCḡPj P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±C†. P’
PsPïC†P±P»C-PePsPIP°PSPëC... PrP°PSPëC... PrPsCḡP»C-PrPḡPμPSCḡ
P·P°CḡC,PsCḡC†PIP°PSPSCḡ PjPμC,C,,PsCḡPjC-PSC† PïC-Pr C†P°Cḡ PIP°PiC-C,PSPsCḡC,C- PSPμ
PïPsPIC-PrPsPjP»CḡC”C,CHCḡCḡ PïCḡPs C†C-C,PePëPNë P·Piḡḡ™ CḡP·PsPe
P·P°CḡC,PsCḡC†PIP°PSPSCḡ PjPμC,C,,PsCḡPjC-PSC† P· CḡPëP·PëPePsPj CḡPμCḡPNëPsP·PSPëC...
PICḡPsPrPḡPμPSPëC... PIP°Pr CḡPsP·PIPëC,PeC† P°P±Ps PIPëPePëPrPSC-PI (PrPëPI. [B«P”P°PSC-
PrPsCḡP»C-PrPḡPμPSCḡB»](#)). P†CḡPSC†CHC,CH CḡPëP·PëPePë PrP»Cḡ PjP°C,PμCḡC- C,P°
PïP»PsPrP°, C%Ps PïPsPiḡḡ™ CḡP·P°PSC- P· PSPμPSP°P»PμPḡPSPëPj PePsPSC,CḡPsP»PμPj
C†C†PeCḡPsPIPsPiPs PrC-P°P±PμC,C† PïC-Pr C†P°Cḡ PIP°PiC-C,PSPsCḡC,C- (PrPëPI.
[B«PhC†C-PSPeP° PeP»C-PSC-C†PSPsC— PeP°CḡC,PëPSPëB»](#)).

Pj PrPsCḡP»C-PrPḡPμPSPSCḡC... PSP° C,PIP°CḡPëPSP°C... PïCḡPë PICḡC-C... CḡC-PIPSCḡC...
PrPsP·C†PIP°PSCḡ PIC-PrPjC-C†P°P»PëCḡCḡ C,P°PeC- PïPsP±C-C†PSC- CḡPIPëC%P°, CḡPe
CḡPsP·C€PëCḡPμPSPSCḡ PSPëCḡPePsPiPsC— PjPëCḡPePë C,P° C,C†P±C†P»CḡCḡPSC-
PrPëP»P°C,P°C†C-C—, CḡPeC- P±C†P»Pë PSPμ PïPsPIPSC-CḡC,CH PsP±PsCḡPsC,PSC-, C†
C%CḡCḡC-PI, CḡPePëPj PIPiPsPrPëP»Pë PrP°PïP°PiP»C-C,,P»PsP·PëPS PïC-Pr C†P°Cḡ

P' PsPiCrP±P»C-PePsPIP°PSPëC... PrP°PSPëC... PiC-CÍP»CÍÇPµC" CÍC,CÇP°C†C-PNëPSPëC... PrPsCÍP»C-PrP¶PµPSCĤ PSPµ PîPsPIC-PrPsPjP»CÍC" C,CĤCÍCÍ PîCÇPs C‡C-C,PePëPNë P·PIBĤ™ CÍP·PsPe PjC-P¶ PjPµC,C,,PsCÇPjC-PSPsPj C,P° CÍPµCÇPµPNëPsP·PSPëPjPë PICÇPsPrP¶PµPSPëPjPë PIP°PrP°PjPë CÇPsP·PIPëC,PeCr, PIPëPePëPrPSCÍPjPë P°P±Ps PSPµP±P°P¶P°PSPëPjPë PSP°CÍP»C-PrPeP°PjPë PrP»CÍ PjP°C,PµCÇPëPSCÍCĤPePsPiPs PsCÇPiP°PSC-P·PjCr P°P±Ps PîP»PsPrP° Cr CÇP°P·C- P·P°CÍC,PsCÍCrPIP°PSPSCÍ PjPµC,C,,PsCÇPjC-PSCr PiC-Pr C‡P°CÍ PIP°PiC-C,PSPsCÍC,C-. PhPrPSP°Pe P·P° CÇPµP·CrP»CĤC,P°C,P°PjPë C†PëC... PrPsCÍP»C-PrP¶PµPSCĤ PSPµPjPsP¶P»PëPIPs PsPrPSPsP·PSP°C‡PSPs PICÍC,P°PSPsPIPëC,Pë PIC-PrCÍCrC,PSC-CÍC,CĤ P±CrPrCĤ- CÍPePsPiPs CÇPëP·PëPeCr, PîPsPIBĤ™ CÍP·P°PSPsPiPs C-P· P·P°CÍC,PsCÍCrPIP°PSPSCÍPj PjPµC,C,,PsCÇPjC-PSCr, C‡PµCÇPµP· PjPµC,PsPrPsP»PsPiC-C‡PSC- PsP±PjPµP¶PµPSPSCÍ, P·PsPeCÇPµPjP° PSPµPIPµP»PëPePëPNë PsP±CÍCÍPi PIPëP±C-CÇPePë C,P° PSPµPIC-PrPîPsPIC-PrPSC-CÍC,CĤ PiCÇCrPîP°Pj P·P°CÍC,PsCÍCrPIP°PSPSCÍ

$P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs \quad P \cdot P^{\circ} C \bar{I} PsP \pm Cr \quad \bar{P}iPsC \bar{H} C - PIPSC \bar{I} P S P S C \bar{I}.$

$P''P^{\circ}PSC - PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu P S C \bar{H} P S P^{\circ} C, PIP^{\circ} C \bar{H} P \bar{e} P S P^{\circ} C \dots$

$P''P^{\circ}P \bar{i} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PS$

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu P S P S C - P \cdot P^{\circ} C \bar{I} C, PsC \bar{I} C r PIP^{\circ} P S P S C \bar{I} \quad PrP^{\circ} P \bar{i} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} P S C \bar{I}$
 $P \pm P \mu P \cdot \bar{P}iPsC \bar{I} P \mu C \bar{H} P \mu PrP S C \bar{H} Ps \quad C \bar{H} PIP \mu P S C - P \gg C \bar{H} P S P \bar{e} Pj \quad C \% C r C \bar{H} P^{\circ} Pj \quad P \cdot 21 \quad \bar{P}iPs \quad 90$
 $\bar{P}iPsC \bar{I} C, P S P^{\circ} C, P^{\circ} P \gg C \bar{H} P S P \bar{e} P N_{\bar{e}} \quad PrP \mu P S C \bar{H} \quad C r \quad PrPsP \cdot P^{\circ} C \dots 1, 15 \quad P^{\circ} P \pm Ps \quad 75 \quad PjPi/PePi/PrPsP \pm Cr$
 $\bar{P}iPsPIC - PrPsPjP \gg C \bar{I} P \gg PsC \bar{I} C \bar{I} \quad \bar{P}iC \bar{H} Ps \quad P \cdot P \pm C - P \gg C \bar{H} C \bar{e} P \mu P S P S C \bar{I} \quad PjP^{\circ} C \bar{I} P \bar{e} \quad P S P \bar{e} C \bar{H} PeP \bar{e} \quad C, P^{\circ}$
 $\bar{P}iC - PrPIP \bar{e} C \% P \mu P S P S C \bar{I} \quad C \bar{I} P^{\circ} C \bar{I} C, PsC, P \bar{e} \quad C \bar{H} PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu P S P S C \bar{I} \quad P S P \bar{e} C \bar{H} PePsPIP sC -$
 $PjP \bar{e} C \bar{I} PeP \bar{e} \quad C - C, C r P \pm C r P \gg C \bar{I} C \bar{H} P S P \bar{e} C \dots \quad PrP \bar{e} P \gg P^{\circ} C, P^{\circ} C \bar{I} C - P N_{\bar{e}} \quad \bar{P}iC \bar{H} P \bar{e} \quad PIC \bar{I} C - C \dots$
 $C \bar{H} C - PIP S C \bar{I} C \dots \quad PrPsP \cdot C r PIP^{\circ} P S C \bar{H}. \quad P \quad C - PIP \mu P S C \bar{H} \quad P \mu PeC \bar{I} \bar{P}iPsP \cdot P \bar{e} C \bar{I} C - C - \bar{P}iC \bar{H} P \bar{e}$
 $P S P^{\circ} P N_{\bar{e}} PjP \mu P S C \bar{e} C - P N_{\bar{e}} \quad PrPsC \bar{I} P \gg C - PrP \bar{I} C r PIP^{\circ} P S C - P N_{\bar{e}} \quad PrPsP \cdot C - C r \quad 15 \quad C \bar{H} P^{\circ} P \cdot C - PI$
 $\bar{P}iP \mu C \bar{H} P \mu PIP \bar{e} C \% C r PIP^{\circ} PI \quad C, P^{\circ} PeC r \quad \bar{P}iC \bar{H} P \bar{e} \quad PeP \gg C - P S C - C \bar{I} P S C - P N_{\bar{e}} \quad PrPsP \cdot C - 10 \quad PjPi \quad (P S P^{\circ}$
 $PsC \bar{I} P S PsPIC - PrP^{\circ} P S P \bar{e} C \dots \quad AUC). \quad P \quad PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu P S P S C \bar{I} \quad P S P \bar{e} C \bar{H} PePsPIP sC - PjP \bar{e} C \bar{I} PeP \bar{e} \quad C -$
 $C, C r P \pm C r P \gg C \bar{I} C \bar{H} P S C - PrP \bar{e} P \gg P^{\circ} C, P^{\circ} C \bar{I} C - C -, C \% Ps \quad C \bar{I} \bar{P}iPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg P \bar{e} C \bar{I} C \bar{I} \quad C r$
 $C \bar{H} PIP \mu P S C - P \gg C \bar{H} P S P \bar{e} C \dots \quad C, PIP^{\circ} C \bar{H} P \bar{e} PS, \quad \bar{P}iC \bar{H} PsC, C \bar{I} PiPsPj \quad \bar{P}iC \bar{H} P \bar{e} P \pm P \gg P \bar{e} P \cdot P S Ps \quad 1 -$
 $PjC - C \bar{I} C \bar{I} C \bar{I} P S PsPiPs \quad \bar{P}iP \mu C \bar{H} C - PsPrC r \quad \bar{P}iPsPIP S C - C \bar{I} C, C \bar{H} \quad P S P \mu$
 $PIC - PrP S PsPIP \gg C \bar{H} PIP^{\circ} P \gg P \bar{e} C \bar{I} C \bar{I}.$

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu P S P S C - \bar{P}iC \bar{H} P \mu P S P^{\circ} C, P^{\circ} P \gg C \bar{H} P S PsPiPs \quad C, P^{\circ}$
 $\bar{P}iPsC \bar{I} C, P S P^{\circ} C, P^{\circ} P \gg C \bar{H} P S PsPiPs \quad C \bar{H} PsP \cdot PIP \bar{e} C, PeC r \quad PrP^{\circ} P \bar{i} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PS$
 $PIPIP sPrP \bar{e} P \gg P \bar{e} \quad C \bar{I} P^{\circ} PjPeP^{\circ} Pj \quad C \% C r C \bar{H} C - PI \quad P \cdot 6 - PiPs \quad \bar{P}iPs \quad 21 - P N_{\bar{e}} \quad PrP \mu P S C \bar{H} \quad \bar{P}iP \mu C \bar{H} C - PsPrC r$
 $P \gg P^{\circ} PeC, P^{\circ} C \bar{I} C - C - PI \quad PrPsP \cdot P^{\circ} C \dots 1, 15 \quad P^{\circ} P \pm Ps \quad 75 \quad PjPi/PePi/PrPsP \pm Cr, \quad P^{\circ} \quad \bar{P}iPsC, PsPjC \bar{I} C, PIP s$
 $Ps\bar{P}iPsC \bar{I} P \mu C \bar{H} P \mu PrPePsPIP^{\circ} P S Ps \quad P \cdot P^{\circ} P \cdot P S P^{\circ} P \gg Ps \quad PIP \bar{i} P \gg P \bar{e} PIC r \quad P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs$
 $P \cdot P^{\circ} C \bar{I} PsP \pm Cr \quad \bar{P}iC - Pr \quad C \bar{I} P^{\circ} C \bar{I} \quad PIP S C \bar{I} C, C \bar{H} C - C \bar{e} P S C \bar{H} PsC \bar{I} C, C \bar{H} PsP \pm P S PsPiPs \quad C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{I}$
 $C - \bar{P}iC \bar{H} PsC, C \bar{I} PiPsPj \quad P \gg P^{\circ} PeC, P^{\circ} C \bar{I} C - C -. \quad P - P \pm C - P \gg C \bar{H} C \bar{e} P \mu P S P S C \bar{I}$
 $P \cdot P^{\circ} C \dots PIP sC \bar{H} PIP^{\circ} P S PsC \bar{I} C, C - P^{\circ} P \pm Ps \quad C \bar{I} C, C r \bar{P}iP \mu P S C \bar{I} \quad C, C \bar{I} P \bar{I} PePsC \bar{I} C, C -$
 $C \bar{H} PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu P S P S C \bar{I} \quad P S P \bar{e} C \bar{H} PePsPIP sC - PjP \bar{e} C \bar{I} PeP \bar{e} \quad C \bar{I} \bar{P}iPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg PsC \bar{I} C \bar{I} \quad C r$
 $21 - PrP \mu P S P S PsPiPs \quad \bar{P}iPsC, PsPjC \bar{I} C, PIP^{\circ}, \quad C \bar{I} PeP \mu \quad P \cdot P^{\circ} P \cdot P S P^{\circ} P \gg Ps \quad P \gg C - PeC r PIP^{\circ} P S P S C \bar{I} \quad PI$
 $PrPsP \cdot C - 75 \quad PjPi/PePi/PrPsP \pm Cr \quad (P \mu PeC \bar{I} \bar{P}iPsP \cdot P \bar{e} C \bar{I} C - C - PrP^{\circ} P \bar{i} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} P S C \bar{I} \quad C r$
 $PjP^{\circ} C, P \mu C \bar{H} C - PI \quad C - \bar{P}iPsC, PsPjC \bar{I} C, PIP^{\circ} \quad P \pm C r P \gg P \bar{e} \quad PIC - Pr\bar{P}iPsPIC - PrP S Ps \quad PI \quad 1415 \quad C - 137$
 $C \bar{H} P^{\circ} P \cdot C - PI \quad PIP \bar{e} C \% P \bar{e} PjP \bar{e} \quad P \cdot P^{\circ} \quad C, P^{\circ} PeC - C r \quad P \gg C \bar{H} PrP \bar{e} P S P \bar{e} \quad \bar{P}iC \bar{H} P \bar{e} \quad PeP \gg C - P S C - C \bar{I} P S C - P N_{\bar{e}}$
 $PrPsP \cdot C - 10 \quad PjPi, \quad P \cdot P^{\circ} \quad PrP^{\circ} P S P \bar{e} PjP \bar{e} \quad AUC). \quad P''PsP \cdot PsP \cdot P^{\circ} P \gg P \mu P \bar{I} P S P \mu \quad P \cdot P S P \bar{e} P \bar{I} P \mu P S P S C \bar{I}$
 $PjP^{\circ} C \bar{I} P \bar{e} \quad C, C - P \gg P^{\circ} \quad \bar{P}iPsC, PsPjC \bar{I} C, PIP^{\circ} \quad C \bar{I} \bar{P}iPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg PsC \bar{I} C \bar{I} \quad \bar{P}iC \bar{H} P \bar{e} \quad PrPsP \cdot P^{\circ} C \dots,$
 $C \% Ps \quad PI \quad 29 \quad P^{\circ} P \pm Ps \quad P \pm C - P \gg C \bar{H} C \bar{e} P \mu \quad C \bar{H} P^{\circ} P \cdot C - PI \quad \bar{P}iP \mu C \bar{H} P \mu PIP \bar{e} C \% C r PIP^{\circ} P \gg P \bar{e}$
 $PeP \gg C - P S C - C \bar{I} P S C r \quad PrPsP \cdot C r \quad 10 \quad PjPi \quad (P \cdot P^{\circ} \quad PrP^{\circ} P S P \bar{e} PjP \bar{e} \quad AUC). \quad P - PsPrP S P \bar{e} C \dots$
 $\bar{P}iPsP \pm C - C \bar{I} P S P \bar{e} C \dots \quad P \mu C, P \mu PeC, C - PI \quad P \cdot P^{\circ} \quad PeC - P S C \bar{I} P \mu PIP \bar{e} PjP \bar{e} \quad C \bar{H} P \mu P \cdot C r P \gg C \bar{H} C, P^{\circ} C, P^{\circ} PjP \bar{e}$
 $C \bar{H} PsP \cdot PIP \bar{e} C, PeC r \quad \bar{P}iC \bar{H} P \bar{e} \quad PrPsP \cdot C - 1 \quad PjPi/PePi/PrPsP \pm Cr \quad P S P \mu \quad PIC - PrPjC - C \bar{I} P \gg PsC \bar{I} C \bar{I} \quad (C r$
 $PrPsP \cdot C -, C \% Ps \quad PI \quad 19 \quad C \bar{H} P^{\circ} P \cdot C - PI \quad \bar{P}iP \mu C \bar{H} P \mu PIP \bar{e} C \% C r C'' \quad PeP \gg C - P S C - C \bar{I} P S C r \quad PrPsP \cdot C r \quad 10 \quad PjPi,$
 $P \cdot P^{\circ} \quad PrP^{\circ} P S P \bar{e} PjP \bar{e} \quad AUC). \quad P \bar{y} P^{\circ} PeC - C \bar{H} P \mu P \cdot C r P \gg C \bar{H} C, P^{\circ} C, P \bar{e} \quad PsC, C \bar{H} P \bar{e} PjP^{\circ} P S C - \bar{P}iC - Pr \quad C \bar{I} P^{\circ} C \bar{I}$
 $P \mu PeC \bar{I} \bar{P}iPsP \cdot P \bar{e} C \bar{I} C - C - P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs \quad P \cdot P^{\circ} C \bar{I} PsP \pm Cr \quad PI \quad \bar{P}iP \mu C \bar{H} C - PsPr$
 $C \bar{H} PsP \cdot PIP \bar{e} C, PeC r \quad P S P \bar{e} C \bar{H} PsPe \quad C r \quad C \% C r C \bar{H} C - PI, C \% Ps \quad PIC - Pr\bar{P}iPsPIC - PrP^{\circ} C''$
 $\bar{P}iC - P \cdot P S C \bar{H} PsPjC r \quad \bar{P}iP \mu C \bar{H} C - PsPrC r \quad PrC \bar{H} C r \bar{P}iPsPiPs \quad C, P^{\circ} \quad C, C \bar{H} P \mu C, C \bar{H} PsPiPs$
 $C, C \bar{H} P \bar{e} PjP \mu C \bar{I} C, C \bar{H} C - PI \quad C \bar{H} PsP \cdot PIP \bar{e} C, PeC r \quad \bar{P}iP \gg PsPrP^{\circ} \quad C r \quad P \gg C \bar{H} PrP \bar{e} P S P \bar{e}.$

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu P S P S C \bar{I} C \dots \quad P \mu PjP \pm C \bar{H} C - PsC, P \mu C, P^{\circ} P \gg C \bar{H} P S PsPiPs$
 $PIP S C r C, C \bar{H} C - C \bar{e} P S C \bar{H} PsC r C, C \bar{H} PsP \pm P S PsPiPs \quad C \bar{H} PsP \cdot PIP \bar{e} C, PeC r \quad C \% C r C \bar{H} C - PI \quad C, P^{\circ}$
 $PeC \bar{H} PsP \gg C - PI \quad PrP^{\circ} P \bar{i} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad PIP sPrP \bar{e} P \gg P \bar{e} \quad \bar{P}iC \bar{H} PsC, C \bar{I} PiPsPj \quad \bar{P}iP \mu C \bar{H} C - PsPrC r$
 $PsC \bar{H} PIP^{\circ} P S PsPiP \mu P S P \mu P \cdot C r, C \% Ps \quad PIC - Pr\bar{P}iPsPIC - PrP^{\circ} C'' \quad \bar{P}iP \mu C \bar{H} C \bar{e} PsPjC r$
 $C, C \bar{H} P \bar{e} PjP \mu C \bar{I} C, C \bar{H} C r \quad PIP^{\circ} PiC - C, P S PsC \bar{I} C, C - C r \quad P \gg C \bar{H} PrP \bar{e} P S P \bar{e}. \quad Pj \quad C \% C r C \bar{H} C - PI$

PrP°PīP°PiP»C-C,,P»PsP·PēPSP PSPμ C‡PēPSPēPI PSC- PμPjP±CḡC-PsP»PμC,P°P»CHPSPSC—, PSC- C,PμCḡP°C,PsPiPμPSPSPSC— PrC-C— Cr PrPsP·P°C... PrPs 75 PjPi/PePi/PrPsP±Cḡ (C%Ps P·P° PrP°PSPēPjPē AUC Cr 1441 CḡP°P· PīPμCḡPμPIPēC%CrC” PeP»C-PSC-C‡PSCḡ PrPsP·Cḡ 10 PjPi). P”PsP·PsP·P°P»PμP¶PSPēPNē PIPīP»PēPI PSP° PīP»PsPrPē C%CrCḡC-PI (CḡC,CḡCḡPeC,CḡCḡPSC- P°PSPsPjP°P»C-C— C,P° P·PSPēP¶PμPSPSCḡ PjP°CḡPē C,C-P»P°) PIPēPSPēPeP°PI P»PēCēPμ PīCḡPē PIPēCḡPsPePēC... PrPsP·P°C..., C%Ps PrPsCḡC-PIPSCḡPIP°P»Pē P°P±Ps PīPμCḡPμPIPēC%CrPIP°P»Pē 150 PjPi/PePi (C%Ps P·P° PrP°PSPēPjPē AUC Cr 2344 CḡP°P·Pē PīPμCḡPμPIPēC%CrC” PeP»C-PSC-C‡PSCḡ PrPsP·Cḡ 10 PjPi). PŷP°PePēPNē PIPīP»PēPI P°CḡPsC†C-CḡPIP°PICḡCḡ P· C,PsPeCḡPēC‡PSPsCḡ PrC-C”Cḡ P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ PSP° PjP°C,PμCḡPēPSCḡCHPePēPNē PsCḡPIP°PSC-P·Pj. P-PsPrPSPsPiPs C,PsPeCḡPēC‡PSPsPiPs PIPīP»PēPICḡ PSP° PIPSCḡC,CḡC-CēPSCḡPsCḡC,CḡPsP±PSPēPNē CḡPsP·PIPēC,PsPe PeCḡPsP»C-PI PīCḡPē PrPsP·P°C... PrPs 180 PjPi/PePi/PrPsP±Cḡ (C%Ps P·P° PrP°PSPēPjPē AUC Cr 1191 CḡP°P· PīPμCḡPμPIPēC%CrC” PeP»C-PSC-C‡PSCḡ PrPsP·Cḡ 10 PjPi) PSPμ CḡPīPsCḡC,PμCḡC-PiP°P»PsCḡCḡ.

PḡPμC,C,,PsCḡPjC-PSCž PiC-PrCḡPsC...P»PsCḡPēPr

PḡPμC,C,,PsCḡPjC-PSCḡ PiC-PrCḡPsC...P»PsCḡPēPr PSPμ PIPēCḡPIP»CḡPI PSPμCḡPīCḡPēCḡC,P»PēPIPsPiPs PIPīP»PēPICḡ PSP° CḡPsP·PIPēC,PsPe PīP»PsPrP° Cr PIP°PiC-C,PSPēC... C%CrCḡC-PI P»C-PSC-C— PŷPīCḡP°Pi-P”PsCḡP»C- C,P° PeCḡPsP»C-PI Cr PrPsP·C- PrPs 600 PjPi/PePi/PrPsP±Cḡ PI PīPμCḡC-PsPr PsCḡPiP°PSPsPiPμPSPμP·Cḡ. PjPμ CḡC,P°PSPsPIPēC,CH CḡC-PIPμPSCḡ PμPeCḡPīPsP·PēC†C-C—, C%Ps Cr 2Bḡ”6 CḡP°P·C-PI PīPμCḡPμPIPēC%CrC” C,P°PePēPNē PīCḡPē PeP»C-PSC-C‡PSC-PNē PrPsP·C- 2000 PjPi P· CḡCḡP°C...CrPIP°PSPSCḡPj PīP»PsC%Cr- PīPsPIPμCḡC...PSC- C,C-P»P° (PjPi/Pj²) PrP»Cḡ C%CrCḡC-PI C,P° PeCḡPsP»C-PI PIC-PrPīPsPIC-PrPSPs. P’PēP·PSP°C‡PμPSPSCḡ PIPSCḡC,CḡC-CēPSCḡPsCḡC,CḡPsP±PSPēC... PePsPSC†PμPSC,CḡP°C†C-PNē PrPμPjPsPSCḡC,CḡCḡPIP°P»Ps C‡P°CḡC,PePsPIPēPNē PīP»P°C†PμPSC,P°CḡPSPēPNē P±P°CḡBḡ™ C”Cḡ PrP»Cḡ PjPμC,C,,PsCḡPjC-PSCḡ.

P”PsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ

P PμP·CḡPjPμ CḡPēP·PēPeC-PI

P”PsC,PμPīPμCḡ PSPμPjP°C” C-PSC,,PsCḡPjP°C†C-C— PīCḡPs PSP°CḡPIPSC-CḡC,CH P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cḡ PḡCḡC-PiPrCḡPs PμCḡPsP»PsPSPi P°P±Ps PrP°PīP°PiP»C-C,,P»PsP·PēPSCḡ PI PiCḡCḡPrPSPsPjCḡ PjPsP»PsC†C- P»CḡPrPēPSPē, PīCḡPs C—C...PSC-PNē PIPīP»PēPI PSP° PSPμPjPsPIP»CḡC,, C%Ps P·PSP°C...PsPrCḡC,CHCḡCḡ PSP° PiCḡCḡPrPSPsPjCḡ PIPēPiPsPrPsPICḡPIP°PSPSC-, P°P±Ps PīCḡPs PIPīP»PēPI PSP° PīCḡPsPrCḡPeCḡPIP°PSPSCḡ PjPsP»PsPeP°.

PhP±PjPμP¶PμPSC- PrP°PSC- PsPīCḡP±P»C-PePsPIP°PSPēC... CḡPμP·CḡP»CHC,P°C,C-PI PrPsCḡP»C-PrP¶PμPSCḡ CḡPIC-PrC‡P°C,CH PīCḡPs PSP°CḡPIPSC-CḡC,CH PjPμC,C,,PsCḡPjC-PSCḡ PI PiCḡCḡPrPSPsPjCḡ PjPsP»PsC†C- P»CḡPrPēPSPē (PrPēPI. **B«P”P°PSC- PrPsCḡP»C-PrP¶PμPSCḡB»**). PhPrPSP°Pe PīPsPePē C%Ps PSPμPrPsCḡC,P°C,PSCḡPs C-PSC,,PsCḡPjP°C†C-C— C%PsPrPs PIPīP»PēPICḡ PjPμC,C,,PsCḡPjC-PSCḡ PSP° PSPμPjPsPIP»CḡC,, C%Ps P·PSP°C...PsPrCḡC,CHCḡCḡ PSP° PiCḡCḡPrPSPsPjCḡ PIPēPiPsPrPsPICḡPIP°PSPSC-, C,P° PSPμPjP°C” PrPsCḡC,CḡPīPSPsC— C-PSC,,PsCḡPjP°C†C-C—

C%PsPrPs PIPiP»PëPICr PjPµC,C,,PsCḡPjC-PSCr PSP° PīCḡPsPrCrPeCrPIP°PSPSCḡ
PjPsP»PsPeP°. P''P°PiP°PiP»C-C,,P»PsP·PëPS P±CrPI PSP°CḡPIPSPëPNḡ Cr PiCḡCrPrPSPsPjCr
PjPsP»PsC†C- C%CrCḡC-PI (PrPëPI. B«P''P°PSC- PrPsCḡP»C-PrPḡPµPSCḡB»). PhPrPSP°Pe
C†PµCḡPµP· PIPëPrPsPIC- PIC-PrPjC-PSPSPsCḡC,C- Cr C,,C-P·C-PsP»PsPiC-C—
P»P°PeC,P°C†C-C— PeP»C-PSC-C†PSP° P·PSP°C†PëPjC-CḡC,CH C†PëC... PrP°PSPëC... PSPµ C''
PsPrPSPsP·PSP°C†PSPsCḡ. PhCḡPeC-P»CHPePë PrPsP·CḡC-PIP°PSPSCḡ PSPëCḡPsPe
P»CḡPrPëPSPë PIC-PrP±CrPIP°C''C,CHCḡCḡ PIPSCrC,CḡC-CḡPSCḡPsCrC,CḡPsP±PSPs (in
utero) C,P° PīCḡPsC,CḡPiPsPj PīPµCḡCḡPëC... 2 CḡPsPeC-PI PḡPëC,C,Cḡ, PI PīPµCḡC-PsPr
PjPsPḡP»PëPIPsPiPs PIPiP»PëPICr PiCḡCrPrPSPsPiPs PIPëPiPsPrPsPICrPIP°PSPSCḡ PSP°
PsCḡPiP°PSC-P·Pj, PjPsPḡPµ P±CrC,Pë PSP°CḡPIPSPëPNḡ CḡPëP·PëPe PrP»Cḡ PSPëCḡPsPe
P»CḡPrPëPSPë, C%Ps CḡPsP·PIPëPIP°CḡC,CHCḡCḡ.

PḡPµCḡPµP· PīPsC,PµPSC†C-PNḡPSPs CḡPµCḡPNḡPsP·PSC- PīPsP±C-C†PSC- CḡPµP°PeC†C-C— Cr
PSPµPjPsPIP»CḡC,, C%Ps P·PSP°C...PsPrCḡC,CHCḡCḡ PSP° PiCḡCrPrPSPsPjCr
PIPëPiPsPrPsPICrPIP°PSPSC-, PḡC-PSPeP°Pj CḡPµPePsPjPµPSPrCrC''C,CHCḡCḡ PSPµ
PiPsPrCrPIP°C,Pë PiCḡCrPrPrCḡ PīC-Pr C†P°Cḡ P·P°CḡC,PsCḡCrPIP°PSPSCḡ
P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cr PḡCḡC-PiPrCrPs PµCḡPsP»PsPSi.

P''P°PSC- PrPsCḡP»C-PrPḡPµPSCḡ

P''P°PiP°PiP»C-C,,P»PsP·PëPS

P''P°PiP°PiP»C-C,,P»PsP·PëPS P±CrPI PSP°CḡPIPSPëPNḡ Cr PjPsP»PsC†C- C%CrCḡC-PI Cr
CḡPiC-PIPIC-PrPSPsCḡPµPSPSC- PjPsP»PsPePs/PiP»P°P·PjP° 0,49, C%Ps CḡPIC-PrC†PëC,CH
PiCḡPs C,Pµ, C%Ps PrP°PiP°PiP»C-C,,P»PsP·PëPS C,P° PNḡPsPiPs PjPµC,P°P±PsP»C-C,Pë
PīPsC,CḡP°PiP»CḡCḡC,CH Cr PiCḡCrPrPSPµ PjPsP»PsPePs PI PePsPSC†PµPSC,CḡP°C†C-C—,
CḡPeP° CḡC,P°PSPsPIPëC,CH PīCḡPëP±P»PëP·PSPs 50 % PIC-Pr PePsPSC†PµPSC,CḡP°C†C-C—
PI PīP»P°P·PjC- PjP°C,PµCḡC-. Pj CḡPIPµPSC-P»CHPSPëC... C%CrCḡC-PI, C%Ps
P·P°P·PSP°P»Pë PiCḡCḡPjPsPiPs PIPiP»PëPICr PrP°PiP°PiP»C-C,,P»PsP·PëPSCr, PSP°CḡPIPSPëPNḡ
CḡPëP·PëPe PīPsCḡCrCḡPµPSPSCḡ CḡPsP·PIPëC,PeCr PSPëCḡPsPe (CḡPsP·CḡPëCḡPµPSPSCḡ
PSPëCḡPePsPiPs— PjPëCḡPePë C- C,CrP±CrP»CḡCḡPSC- PrPëP»P°C,P°C†C-C—) PīC-Pr C†P°Cḡ
PrPsP·CḡC-PIP°PSPSCḡ.

PḡPµC,C,,PsCḡPjC-PSCḡ PiC-PrCḡPsC...P»PsCḡPëPr

PhPiCḡP±P»C-PePsPIP°PSC- CḡPµP·CrP»CHC,P°C,Pë PeP»C-PSC-C†PSPëC...
PrPsCḡP»C-PrPḡPµPSCḡ PI PīPµCḡC-PsPr P»P°PeC,P°C†C-C— PIPeP°P·CrCḡC,CH PSP°
PSP°CḡPIPSC-CḡC,CH PjPµC,C,,PsCḡPjC-PSCr Cr PiCḡCrPrPSPsPjCr PjPsP»PsC†C-
P»CḡPrPëPSPë, C%Ps PiCḡPëP·PIPsPrPëC,CH PrPs PIPiP»PëPICr PSP° PSPµPjPsPIP»CḡC,
PrPsP·, CḡPeC- PiCḡPëP±P»PëP·PSPs CḡC,P°PSPsPIP»CḡC,CH 0,11Bḡ"1 % PIC-Pr
PjP°C,PµCḡPëPSCḡCHPePsC— PrPsP·Pë, CḡPePsCḡPëPiPsPIP°PSPsC— P·P° PjP°CḡPsCḡ
C,C-P»P°; CḡPiC-PIPIC-PrPSPsCḡPµPSPSCḡ PePsPSC†PµPSC,CḡP°C†C-PNḡ
PjPµC,C,,PsCḡPjC-PSCr Cr PjPsP»PsC†C-/PiP»P°P·PjC- PI PjPµPḡP°C... 0,13Bḡ"1. PhPrPSP°Pe
PrPsCḡP»C-PrPḡPµPSPSCḡ PSPµ P±CrP»Pë PiCḡPëP·PSP°C†PµPSC- PrP»Cḡ C,PsC†PSPsPiPs
PICḡC,P°PSPsPIP»PµPSPSCḡ CḡPëP·PëPeCr P·P°CḡC,PsCḡCrPIP°PSPSCḡ PjPµC,C,,PsCḡPjC-PSCr
PīC-Pr C†P°Cḡ PiPsPrCrPIP°PSPSCḡ PiCḡCrPrPrCḡ C†PµCḡPµP· PSPµPIPµP»PëPePëPNḡ
PsP±CḡCḡPi PIPëP±C-CḡPePë C,P° PsP±PjPµPḡPµPSC-CḡC,CH PrP°PSPëC... C%PsPrPs
PSPµP±P°PḡP°PSPëC... CḡPIPëC%, CḡPeC- CḡPiPsCḡC,PµCḡC-PiP°P»PëCḡCḡ Cr
PSPµPjPsPIP»CḡC,.

P—P°CḡC,PsCḡCrPIP°PSPSCḡ PḡC-PSPeP°Pj C,P° C†PsP»PsPIC-PeP°Pj
CḡPµPiCḡPsPrCrPeC,PëPIPsPiPs PIC-PeCr

$$\text{в} \overline{\text{H}} \overline{\text{Y}} \quad \text{P}_{\text{H}} \text{PsC} \ddagger \text{P}^{\circ} \text{C}, \text{PePsPICr} \quad \text{PrPsP} \cdot \text{Cr} \quad \text{P} \gg \text{C} - \text{PeP}^{\circ} \text{C} \overline{\text{H}} \overline{\text{C}} \overline{\text{I}} \overline{\text{C}} \text{HbPePsPiPs} \quad \text{P} \cdot \text{P}^{\circ} \overline{\text{C}} \overline{\text{I}} \text{PsP} \pm \text{Cr} \quad \text{P}_{\text{b}} \overline{\text{C}} \overline{\text{I}} \text{C} - \text{PiPrCrPs}$$

$P' \text{ PsP} \pm B \bar{H}^{\text{TM}} C'' \text{ PrPSP}^{\circ} \text{PSC-PN}_{\text{e}} \text{ PiC} \bar{H} \text{CrPiC-PiP}^{\circ} \text{C} \bar{t} \text{C-C''PSC, C-PI, C} \bar{t} \text{PeC-P} \pm \text{C} \bar{H} \text{P}^{\circ} \text{P} \gg \text{P} \bar{e}$
 $\text{CrC} \bar{t} \text{P}^{\circ} \text{C} \bar{t} \text{C, CH} \text{Cr} 21 \text{ PiPsPrPIC-PN}_{\text{e}} \text{PSPs C} \bar{t} \text{P} \gg \text{C-PiPsPjCr PePsPSC, C} \bar{H} \text{PsP} \gg \text{CHPsPIP}^{\circ} \text{PSPsPjCr}$
 $\text{PeP} \gg \text{C-PSC-C} \bar{t} \text{PSPsPjCr PrPsC} \bar{t} \text{P} \gg \text{C-PrP} \bar{t} \text{P}_{\text{u}} \text{PSPSC-P} \cdot \text{PsC} \bar{t} \text{C-PSPeP} \bar{e} \text{P}_{\text{u}} \text{C,,P}_{\text{u}} \text{PeC, P} \bar{e} \text{PIPSPsC} \bar{t} \text{C, C-}$
 $\text{P-P}^{\circ} \text{C} \bar{t} \text{C, PsC} \bar{t} \text{CrPIP}^{\circ} \text{PSPSC} \bar{t} \text{PrP}^{\circ} \text{PiP}^{\circ} \text{PiP} \gg \text{C-,,P} \gg \text{PsP-P} \bar{e} \text{PSCr PrP} \gg \text{C} \bar{t} \text{PiPsPeC} \bar{H} \text{P}^{\circ} \text{C} \% \text{P}_{\text{u}} \text{PSPSC} \bar{t}$
 $\text{PiP} \gg \text{C-PeP}_{\text{u}} \text{PjC-C} \bar{t} \text{PSPsPiPs PePsPSC, C} \bar{H} \text{PsP} \gg \text{CH, P-P}^{\circ} \text{PiP}^{\circ} \text{P} \gg \text{PsPj 1424 (24 \%) P} \cdot 5936$
 $\text{PiP}^{\circ} \text{C} \bar{t} \text{C-C''PSC, C-PI, C} \bar{t} \text{PeC-PsC, C} \bar{H} \text{P} \bar{e} \text{PjCrPIP}^{\circ} \text{P} \gg \text{P} \bar{e} \text{P} \gg \text{C-PeCrPIP}^{\circ} \text{PSPSC} \bar{t}$
 $\text{PrP}^{\circ} \text{PiP}^{\circ} \text{PiP} \gg \text{C-,,P} \gg \text{PsP-P} \bar{e} \text{PSPsPj, P} \pm \text{CrP} \gg \text{P} \bar{e} \text{PIC-PePsPj PIC-Pr 65 C} \bar{H} \text{PsPeC-PI, P}^{\circ} 207 (3,5 \%)$
 $\text{PiP}^{\circ} \text{C} \bar{t} \text{C-C''PSC, C-PI PjP}^{\circ} \text{P} \gg \text{P} \bar{e} \text{PIC-Pe 75 C} \bar{H} \text{PsPeC-PI C, P}^{\circ} \text{P} \pm \text{C-P} \gg \text{CHC} \bar{e} \text{P}_{\text{u}} \cdot \text{P}_{\text{u}} \text{C-C} \bar{t} \text{P} \gg \text{C} \bar{t}$
 $\text{PiC} \bar{H} \text{PsPIP}_{\text{u}} \text{PrP}_{\text{u}} \text{PSPSC} \bar{t} \text{PjPsPSC-C, PsC} \bar{H} \text{P} \bar{e} \text{PSPiCr PSP} \bar{e} \text{C} \bar{H} \text{PePsPIP} \text{Sc-,,CrPSPeC} \bar{t} \text{C-C-}$

(C₇H₅PEP₇α) P±C₇PI P·C₇PsP±P»P_μPSPEP₇N₆ PIPëC₇PSPPiPsPe, C%₀Ps
P_μC₇,P_μPeC₇,PëPIPSC-C₇C,CH₅ P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P»C-PeP°C₇C₇CH₅PePsPiPs
P·P°C₇PsP±C₇ P₇P°C₇C-C''PSC,P°PjPë PIC-PePsPj PrPs 65 C₇PsPeC-PI C- P₇P°C₇C-C''PSC,P°PjPë
PIC-PePsPj P₇PsPSP°Pr 65 C₇PsPeC-PI P±C₇P»P° C₇C...PsP₇PsC₇. Pj P₇P°C₇C-C''PSC,C-PI
PIC-PePsPj ≥ 65 C₇PsPeC-PI P₇PsP±C-C₇PSC- C₇P_μP°PeC₇C-C— C₇ PIPëPiP»C₇PrC-
PiC-P₇PsC₇,P_μPSP·C-C— PIPëPSPëPeP»Pë C₇ P±C-P»CH₅C₇PsPiPs PIC-PrC₇PsC₇,PeP° C₇,PëC...,
PePsPiPs P»C-PeC₇PIP°P»Pë PrP°P₇P°PiP»C-C₇,P»PsP·PëPSPsPj (PrPëPI. C₇PsP·PrC-P»Pë
B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B» C₇,P° B«P_μPsP±C-C₇PSC-
C₇P_μP°PeC₇C-C-B»).

P₇hP_μC₇,C₇,PsC₇PjC-PSC₇ PiC-PrC₇PsC...P»PsC₇PëPr

P₇PsPSC,C₇PsP»CH₅PsPIP°PSC- PeP»C-PSC-C₇PSC- PrPsC₇P»C-PrP₇P_μPSPSC₇
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ PjP_μC₇,C₇,PsC₇PjC-PSC₇ PSP_μ P₇P_μC₇P_μPrP±P°C₇P°P»Pë
PrPsC₇C,P°C,PSCH₅PsC— PeC-P»CH₅PePsC₇C, C- P₇P°C₇C-C''PSC,C-PI P»C-C,PSCH₅PsPiPs
PIC-PeC₇, C%₀PsP± PIPëP·PSP°C₇PëC₇,Pë, C₇Pë PIC-PrP₇PsPIC-PrCH₅ PSP°
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P»C-PeP°C₇C₇CH₅PePsPiPs P·P°C₇PsP±C₇ C₇ P₇P°C₇C-C''PSC,C-PI
P»C-C,PSCH₅PsPiPs PIC-PeC₇ PIC-PrC₇C-P·PSC₇C''C,CH₅C₇C₇ PIC-Pr PIC-PrP₇PsPIC-PrC- C₇
P₇P°C₇C-C''PSC,C-PI PjPsP»PsPrC₇PsPiPs PIC-PeC₇. P—P°PiP°P»PsPj PrPsP·C₇ PrP»C₇
P»C-C,PSC-C... P₇P°C₇C-C''PSC,C-PI C₇P»C-Pr PiC-PrP±PëC₇P°C,Pë P·
PsP±P_μC₇P_μP₇PSCH₅PsPiPs P·PSP°C₇P_μPSPSC₇
PrC-P°P₇P°P·PsPSC₇ PrPsP·, P· PsPiP»C₇PrC₇ PSP° P±C-P»CH₅C₇C₇ C₇P°C₇C,PsC₇C₇
P₇PsPiC-C₇C₇PeP_μPSPSC₇ C₇,C₇PSPeC₇C-C— P₇P_μC₇C-PSPePë, PSPëC₇PsPe P°P±Ps C₇P_μC₇C₇C₇
P° C₇,P°PePsP₇ PSP°C₇PIPSC-C₇C,CH₅ C₇C₇PiC₇C,PSC-C... P·P°C...PIPsC₇CH₅PIP°PSCH₅ P°P±Ps
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ C-PSC₇PëC... P»C-PeP°C₇C₇CH₅PePëC... P·P°C₇PsP±C-PI C₇,P°
PIPëC%₀PëP₇N₆ C₇PëP·PëPe C₇PsP·PIPëC,PeC₇ P»P°PeC,PsP°C₇PëPrPsP·C₇. P_μP°C₇C-C''PSC,P°Pj
P»C-C,PSCH₅PsPiPs PIC-PeC₇ C₇P_μPePsPjP_μPSPPrPsPIP°PSP° P±C-P»CH₅C₇ C₇P°C₇C,P°
PsC₇C-PSPeP° C₇,C₇PSPeC₇C-C— PSPëC₇PsPe (PrPëPI. C₇PsP·PrC-P»
B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B»).

P_μPsC₇C₇C₇PeP_μPSPSC₇ C₇,C₇PSPeC₇C-C— PSPëC₇PsPe

P—P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C₇,P»PsP·PëPSC₇ PSP_μ
C₇P_μPePsPjP_μPSPPrC₇C''C,CH₅C₇C₇, C₇PeC%₀Ps C₇PEP₇α C₇C,P°PSPsPIPëC,CH₅ PjP_μPSC₇PeP_μ
45 PjP»/C...PI/1,73 Pj² (PrPëPI. C₇PsP·PrC-P»Pë [B«P₇Y₇PiPsC₇C-P± P·P°C₇C,PsC₇C₇PIP°PSPSC₇
C₇,P° PrPsP·PëB»](#) C₇,P° B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B»), C-
P₇CH₅PsC₇,PëP₇PsPeP°P·P°PSP_μ P₇P°C₇C-C''PSC,P°Pj C-P· PSPëC₇PePsPiPsC₇
PSP_μPrPsC₇C,P°C,PSCH₅PsC₇ C₇,C₇PIP₇PePsPiPs C₇C,C₇PiP_μPSC₇ (C₇PEP₇α PjP_μPSC₇PeP_μ
30 PjP»/C...PI/1,73 Pj²) P°P±Ps C₇,P_μC₇PjC-PSP°P»CH₅PSPsC₇ C₇C,P°PrC-C''C₇ C...PIPsC₇PsP±Pë
PSPëC₇PsPe (PrPëPI. C₇PsP·PrC-P» B B«P_μC₇PsC₇,PëP₇PsPeP°P·P°PSPSC₇B»).

P—P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C₇,P»PsP·PëPSC₇ PIPëPIC₇P°P»PsC₇C₇ C₇
PrPiPsC... PrPsC₇P»C-PrP₇P_μPSPSC₇C... PiP»C-PeP_μPjC-C₇PSPsPiPs PePsPSC,C₇PsP»C₇,
C₇PeC- PIPeP»C₇C₇P°P»Pë P₇P°C₇C-C''PSC,C-PI C-P· P₇PsC₇C₇C₇PeP_μPSPSC₇Pj C₇,C₇PSPeC₇C-C—
PSPëC₇PsPe P₇PsPjC-C₇PSPsPiPs C₇C,C₇PiP_μPSC₇ (C₇PEP₇α PIC-Pr 45 PrPs
60 PjP»/C...PI/1,73 Pj² C₇,P° C₇PEP₇α PIC-Pr 30 PrPs 60 PjP»/C...PI/1,73 Pj²).

P_μC₇PsC₇,C-P»CH₅ P±P_μP·P₇P_μPePë PrP°P₇P°PiP»C-C₇,P»PsP·PëPSC₇ PI P₇P°C₇C-C''PSC,C-PI C-P·
C₇PEP₇α PIC-Pr 45 PrPs 60 PjP»/C...PI/1,73 Pj² P±C₇PI C₇C...PsP₇PëP₇N₆ P· C₇,P°PePëPj PI
P·P°PiP°P»CH₅PSC-PN₆ P₇PsP₇C₇P»C₇C₇C— P₇P°C₇C-C''PSC,C-PI C-P· C₇C₇PeC₇PsPIPëPj
PrC-P°P±P_μC,PsPj 2-PiPs C₇,PëPiC₇. P₇PsC₇P° PI P₇P°C₇C-C''PSC,C-PI PiC₇C₇PiPë
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C₇,P»PsP·PëPSC₇ PIC-PrPjC-C₇P°P»PsC₇C₇

Р·PSPëP¶PµPSPSC¼ C¶PËP¬Pα PîPsC¶C-PIPSC¼PSPs Р· PîC¶CíPîPsC¶
P·P·C¶C,PsC¶CíPîP°PSPSC¼ PîP»P°C†PµP±Ps, C¶PËP¬Pα P·P·P·PIPëC±P°P№
PîPsPIPµC¶C,P°P»P°C¶C¼ PîPs PIPëC...C-PrPSPëC... P·PSP°C±PµPSC¶ PîC-C¶P»C¼
PîC¶PëPîPëPSPµPSPSC¼ P»C-PeCíPîP°PSPSC¼. P¶ PîP°C†C-C"PSC,C-PI C-P·
PîPsC¶CíCëPµPSPSC¼P¶ C,,CíPSPeC†C-C— PSPëC¶PsPe, C¼PeC- PîC¶PëP№PjP°C¶C,CH
PîP°PîP°PîP»C-C,,P»PsP·PëPS PîP»C¼ PîP»C-PePµPjC-C±PSPsPîPs PePsPSC,C¶PsP»C¶,
PIC-PrPjC-C±P°C"C,CHC¶C¼ PIPëC%P° P№PjPsPIC-C¶PSC-C¶C,CH PIPëPSPëPePSPµPSPSC¼
P°C¶C,PµC¶C-P°P»CHPSPsC— PîC-PîPsC,PµPSP·C-C— C,P° C¶PëP·PëPe PîPsC¶C,C¶PsPîPs
CíC¶P°P¶PµPSPSC¼ PSPëC¶PsPe. P¶ PîPsC¶P»C-PrP¶PµPSPSC- P·P° CíC±P°C¶C,C¶
PîP°C†C-C"PSC,C-PI C-P· C¶PËP¬Pα PIC-Pr 30 PîPs 60 PjP»/C...PI/1,73 Pj² Cí 13
PîP°C†C-C"PSC,C-PI, C¼PeC- PsC,C¶PëPjCíPîP°P»Pë PîP°PîP°PîP»C-C,,P»PsP·PëPS,
C¶PîPsC¶C,PµC¶C-PîP°P»PëC¶C¼ PîPµC¶PµP»PsPjPë PeC-C¶C,PsPe PîPsC¶C-PIPSC¼PSPs Р·
PIC-PrC¶CíC,PSC-C¶C,C¶ PîPµC¶PµP»PsPjC-PI Cí C,PëC... PîP°C†C-C"PSC,C-PI, C¼PeC-
PsC,C¶PëPjCíPîP°P»Pë PîP»P°C†PµP±Ps.

P¬PµC,C,,PsC¶PjC-PSCé PîC-PrC¶PsC...P»PsC¶PëPr

P¬PµC,C,,PsC¶PjC-PS P·PSP°C±PSPsC¶ PjC-C¶PsC¶ PIPëPIPîPîPëC,CHC¶C¼ PSPëC¶PeP°PjPë,
C,PsPjCí C¶PëP·PëPe PSP°PePsPîPëC±PµPSPSC¼ PjPµC,C,,PsC¶PjC-PSCí PI PsC¶PîP°PSC-P·PjC-
B C,P° C¶PsP·PIPëC,PeCí P»P°PeC,PsP°C†PëPrPsP·Cí P·P±C-P»CHCëCíC"C,CHC¶C¼
PIC-PrPîPsPIC-PrPSPs PîPs C¶C,CíPîPµPSC¼ C,C¼P¶PePsC¶C,C- PîPsC¶CíCëPµPSPSC¼
C,,CíPSPeC†C-C— PSPëC¶PsPe. P—P°C¶C,PsC¶CíPîP°PSPSC¼ P»C-PeP°C¶CíCHPePsPîPs
P·P°C¶PsP±Cí P¬C¶C-PîPîCíPs PµC¶PsP»PsPSPi PîC¶PsC,PëPîPsPeP°P·P°PSPµ PîC¶Pë
PSPëC¶PePsPIC-P№ PSPµPîPsC¶C,P°C,PSPsC¶C,C- C,C¼P¶PePsPîPs C¶C,CíPîPµPSC¼ C,P°
PîC¶Pë C¶PsP·C¶P°C...PsPIP°PSC-P№ CëPIPëPrPePsC¶C,C- PeP»CíP±PsC±PePsPIPSc—
C,,C-P»CHC,C¶P°C†C-C— (C¶PËP¬Pα) PjPµPSCëPµ 30 PjP»/C...PI/1,73 Pj² (PrPëPI.
C¶PsP·PrC-P»Pë [B«P¶PîPsC¶C-P± P·P°C¶C,PsC¶CíPîP°PSPSC¼ C,P° PrPsP·PëB»](#),
[B«PµC¶PsC,PëPîPsPeP°P·P°PSPSC¼B»](#), [B«P¬C¶PsP±P»PëPIPSc¶C,C-](#)
[P·P°C¶C,PsC¶CíPîP°PSPSC¼B»](#) C,P° B«PαP°C¶PjP°PePsP»PsPîC-C±PSC-
PIP»P°C¶C,PëPIPSc¶C,C-B»).

PµPsC¶CéCëPµPSPSC¼ C,,CéPSPeC†C-C— PîPµC±C-PSPePë

P—P°C¶C,PsC¶CíPîP°PSPSC¼ PjPµC,C,,PsC¶PjC-PSCí PîP°C†C-C"PSC,P°Pj C-P·
PîPsC¶CíCëPµPSPSC¼PjPë C,,CíPSPeC†C-C— PîPµC±C-PSPePë P±CíP»Ps PîPsPîB¶™ C¼P·P°PSPs
C-P· PrPµC¼PePëPjPë PIPëPîP°PrPeP°PjPë P»P°PeC,PsP°C†PëPrPsP·Cí. P¬C¶C-PîPîCíPs
PµC¶PsP»PsPSPi PSPµ C¶PµPePsPjPµPSPPrPsPIP°PSPëP№ PîP°C†C-C"PSC,P°Pj C-P·
PîPsC¶CíCëPµPSPSC¼PjPë C,,CíPSPeC†C-C— PîPµC±C-PSPePë (PrPëPI. C¶PsP·PrC-P»
B«P¬C¶PsP±P»PëPIPSc¶C,C- P·P°C¶C,PsC¶CíPîP°PSPSC¼B»).

P"C-C,Pë.

P·PµP·PîPµPeP° C,P° PµC,,PµPeC,PëPIPSC-C¶C,CH P·P°C¶C,PsC¶CíPîP°PSPSC¼
P»C-PeP°C¶CíCHPePsPîPs P·P°C¶PsP±Cí P¬C¶C-PîPîCíPs PµC¶PsP»PsPSPi
PîPµPrC-P°C,C¶PëC±PSPëPj PîP°C†C-C"PSC,P°Pj (PIC-PePsPj PîPs 18 C¶PsPeC-PI) PSPµ
PIC¶C,P°PSPsPIP»PµPSC-.

PµPµC¶PµPrPsP·CéPIP°PSPSC¼.

$$\text{B}\ddot{\text{H}}\ddot{\text{Y}} \quad \text{PePsPSC} \uparrow \text{P}\mu\text{PSC}, \text{C}\ddot{\text{H}}\text{P}^\circ\text{C} \uparrow \text{C}-\text{C}-\text{PIC}-\text{C}, \text{P}^\circ\text{PjC}-\text{PSCr} \text{ B}_{12} \text{ (PrP}\ddot{\text{e}}\text{PI. C}\ddot{\text{H}}\text{PsP} \cdot \text{PrC}-\text{P} \gg$$

В«PhCfPSP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»);

вґґ PiCґPëP±PePsPIC- C-PSC,,PµPeC†C-C— CfC,P°C,PµPIPëC... PsCґPiP°PSC-PI (PrPëPI. CґPsP·PrC-P» В«PhCfPSP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

P"PsCfPIC-Pr PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSCґ

PhCfPeC-P»CHPePë PeP»C-PSC-C†PSC- PIPëPiCґPsP±CfPIP°PSPSCf
PiCґPsPIPsPrCfC,CHCfCfCf PI CґC-P·PSPëC... CfPjPsPIP°C..., C,Ps C†P°CfC,PsC,Cf
PiPsP±C-C†PSPëC... CґPµP°PeC†C-PN, C°Ps CfPiPsCfC,PµCґC-PiP°C"C,CHCfCfCf PI
PeP»C-PSC-C†PSPëC... PIPëPiCґPsP±CfPIP°PSPSCfC... P»C-PeP°CґCfCHPePsPiPs
P·P°CfPsP±Cf, PSPµ PjPsP¶PSP° P±PµP·PiPsCfPµCґPµPrPSCґPs PiPsCґC-PIPSCfC,Pë P·
C†P°CfC,PsC,PsCґ PI PeP»C-PSC-C†PSPëC... PIPëPiCґPsP±CfPIP°PSPSCfC... C-PSCëPëC...
P»C-PeP°CґCfCHPePëC... P·P°CfPsP±C-PI, P° PsC,CґPëPjP°PSC- PiPsPeP°P·PSPëPePë
PjPsP¶CfC,CH PSPµ PIC-PrPsP±CґP°P¶P°C,Pë CґPµP°P»CHPSCf C†P°CfC,PsC,Cf
PiPsP±C-C†PSPëC... CґPµP°PeC†C-PN, C°Ps CfPiPsCfC,PµCґC-PiP°CґC,CHCfCfCf Cf
PeP»C-PSC-C†PSC-PN PiCґP°PeC,PëC†C-.

P"P°PiP°PiP»C-C,,P»PsP·PëPS C- PjPµC,C,,PsCґPjC-PSCз PiC-PrCґPsC...P»PsCґPëPr

P"P»CfCf PsC†C-PSPëPë P±PµP·PiPµPePë P±CfP»Pë PIPëPePsCґPëCfC,P°PSC- PrP°PSC-,
PsC,CґPëPjP°PSC- P·P° CfC†P°CfC,Cґ PiPsPiPµCґPµPrPSCґPs PIPëP·PSP°C†PµPSPëC...
PiP°C†C-C"PSC,C-PI вґґ CfC†P°CfPSPëPeC-PI 8 PePsCґPsC,PePsCfC,CґPsPePsPIPëC...
PiP»P°C†PµP±Ps-PePsPSC,CґPsP»CHPsPIP°PSPëC... PrPsCfP»C-PrP¶PµPSCґ
CfCfPiCfC,PSCHPsPiPs P·P°CfC,PsCfCfPIP°PSPSCfCf PrP°PiP°PiP»C-C,,P»PsP·PëPSCf C-
PjPµC,C,,PsCґPjC-PSCf PePsCґPsC,PePsC— P°P±Ps PiCґPsP»PsPSPiPsPIP°PSPSc— PrC-C—.
PhPeCґC-Pj C†CHPsPiPs, P±CfP»Ps PiCґPsPIPµPrPµPSPs PrPµPeC-P»CHPeP°
PrPsPrP°C,PePsPIPëC... PrPsCfP»C-PrP¶PµPSCґ: PrPsCfP»C-PrP¶PµPSPSCfCf
PjPsPSPSc,PµCґP°PiC-C— PjPµC,C,,PsCґPjC-PSPsPj C- PrPsCfP»C-PrP¶PµPSPSCfCf
PePsPjP±C-PSPsPIP°PSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCfCf C-PSPiC-P±C-C,PsCґP°
PrPëPiPµPiC,PëPrPëP»PiPµPiC,PëPrP°P·Pë-4 (P"PiPµ4) C,P° PjPµC,C,,PsCґPjC-PSCf P°P±Ps
C-PSCfCfP»C-PSCf C,P° PjPµC,C,,PsCґPjC-PSCf, 2 PrPsCfP»C-PrP¶PµPSPSCfCf
CґP°PSPSCHPsC— PePsPjP±C-PSPsPIP°PSPSc— C,PµCґP°PiC-C— PjPµC,C,,PsCґPjC-PSPsPj, P°
C,P°PePsP¶ 2 PrPsCfP»C-PrP¶PµPSPSCfCf P·P° CfC†P°CfC,Cґ PiP°C†C-C"PSC,C-PI P·
CfPµCґC†PµPIPs-CfCfPrPëPSPSPëPj P·P°C...PIPsCґCHPIP°PSPSCfCf (PґPґP—) C-
C†CfPeCґPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf, CfPeC- PsC,CґPëPjCfPIP°P»Pë CfPIPsC"
P·PIPëC†P°PNPSPµ P»C-PeCfPIP°PSPSCfCf (PjPµC,C,,PsCґPjC-PS CfPe P±P°P·PsPIP°
C,PµCґP°PiC-CfC). P"P»CfCf CfC†P°CfC,C- Cf PrPsCfP»C-PrP¶PµPSPSCfCf..., PiC-Pr C†P°Cf
CfPePëC... P·P°P±PµP·PiPµC†CfPIP°P»PsCfCf PiCґPsPIPµPrPµPSPSCfCf P±P°P·PsPIPsC—
C,PµCґP°PiC-C— C-P· P·P°CfC,PsCfCfPIP°PSPSCfCfPj P°P±Ps P±PµP·
P·P°CfC,PsCfCfPIP°PSPSCfCf PjPµC,C,,PsCґPjC-PSCf, PI PsP±вґґ C"PPrPSP°PSCf PiCґCfPiCf 8
PiP»P°C†PµP±Ps-PePsPSC,CґPsP»CHPsPIP°PSPëC... PrPsCfP»C-PrP¶PµPSCґ CfPe
CfC†P°CfPSPëPePë P±CfP»Pë PIPëP»CHC†PµPSC- C,C-P»CHPePë C,C- PiP°C†C-C"PSC,Pë,
CfPeC- PsC,CґPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCfCf PjPµC,C,,PsCґPjC-PSPsPj. Pj C...PsPrC-
PiCґPsPIPµPrPµPSPSCfCf C†PëC... 8 PrPsCfP»C-PrP¶PµPSCґ 983 PiP°C†C-C"PSC,Pë PsPrPëPS
CґP°P· PSP° PrPsP±Cf PsC,CґPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCfCf
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cf PrPsP·C- 10 PjPi C,P° PjPµC,C,,PsCґPjC-PSPsPj C- 1185
PiP°C†C-C"PSC,C-PI PsC,CґPëPjCfPIP°P»Pë PiP»P°C†PµP±Ps C- PjPµC,C,,PsCґPjC-PS. Pj C†PëC...
8 PrPsCfP»C-PrP¶PµPSPSCfCf... CfPµCґPµPrPSCfCf C,CґPëPIP°P»C-CfC,CH
PµPeCfPiPsP·PëC†C-C— CfC,P°PSPsPIPëP»P° 23 C,PëP¶PSC-. PґPµCґPµPrPSC-PN PIC-Pe
PiPsPiCfP»CfC†C-C— CfC,P°PSPsPIPëPI 57 CґPsPeC-PI, 2 % PsCfC-P± P±CfP»Pë PIC-PePsPj
PiPsPSP°Pr 75 CґPsPeC-PI. 54 % PiPsPiCfP»CfC†C-C— CfC,P°PSPsPIPëP»Pë C†PsP»PsPIC-PePë;

$P_{\mu}P_{\pm}C-C\#PSC-C\bar{C}P_{\mu}P^{\circ}PeC\bar{C}-C-, P\cdot P^{\circ}C\bar{C}P_{\mu}C''C\bar{C}C, C\bar{C}P_{\mu}PIP^{\circ}PSC-C\bar{C}P\bar{C}P\gg P^{\circ}C\bar{C}P_{\mu}P\pm Ps-$
 $PePsPSC, C\bar{C}P_{\mu}P\gg CH\bar{C}PsPIP^{\circ}PSP\bar{C}C... PrPsC\bar{C}P\gg C-PrP\bar{C}P_{\mu}PSPSC\bar{C}C... C\bar{C}\geq 2\% P\bar{C}P^{\circ}C\bar{C}-C''PSC, C-PI,$
 $C\bar{C}PeC-PsC, C\bar{C}P\bar{C}PjC\bar{C}PIP^{\circ}P\gg P\bar{C}P\gg C-PeC\bar{C}PIP^{\circ}PSPSC\bar{C}C PrP^{\circ}P\bar{C}P^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\bar{C}PSPsPj C-$
 $PjP_{\mu}C, C,,PsC\bar{C}PjC-PSPsPj$

		% $PiP^{\circ}C\uparrow C-C''PSC, C-PI$	
		$P_hPSP^{\circ}P \gg C-P. PrP^{\circ}PSP\ddot{e}C... 8 PsP \pm 6\overline{h}^{\text{TM}} C''PrPSP^{\circ}PSP\ddot{e}C... PiP \gg P^{\circ}C\uparrow P_{\mu}P \pm Ps-$	
		$PePsPSC, C\overline{h}PsP \gg ChPsPIP^{\circ}PSP\ddot{e}C... PrPsC\overline{I}P \gg C-PrP\overline{I}P_{\mu}PSC\overline{h}$	
$P_{\mu}PsP \pm C-C\uparrow PSP^{\circ}$		$P_{\mu}P \gg P^{\circ}C\uparrow P_{\mu}P \pm Ps C- P''P^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PSP''P^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PS$	
$C\overline{h}P_{\mu}P^{\circ}PeC\uparrow C-C\overline{I}$		$PjP_{\mu}C, C,, PsC\overline{h}PjC-PSC\acute{e} PrPsP \cdot C- 5 PjPi C- C\acute{e} PrPsP \cdot C- 10 PjPi C-$	
		$N=1185$	
		$PjP_{\mu}C, C,, PsC\overline{h}PjC-PS$	
		$N=410$	
		$N=983$	
$P''C\overline{h}P\ddot{e}P \pm PePsPIC-$		1,5	9,4
$C-PSC,, P_{\mu}PeC\uparrow C-C-$			9,3
$C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C...$			
$PsC\overline{h}PiP^{\circ}PSC-PI$			
$C\acute{r} P\overline{I}C-PSPsPe^{*}$			
$P\acute{K}P^{\circ}P \cdot PsC,, P^{\circ}C\overline{h}P\ddot{e}PSPiC-C,$		5,9	6,3
$P\uparrow PSC,, P_{\mu}PeC\uparrow C-C-$		3,6	6,1
$C\overline{I}P_{\mu}C\uparrow PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...$			5,2
$C\overline{e}P \gg C\overline{I}C... C-PI^{\overline{B}\overline{h}}$			5,5
$P''C-P^{\circ}C\overline{h}P_{\mu}C\overline{I}$		5,6	5,9
$P''PsP \gg PsPIPSP\ddot{e}PN_{\acute{e}} P \pm C-P \gg Ch\overline{h}$		2,8	5,4
$P''C\overline{h}P\ddot{e}P \pm PePsPIC-$		0	4,3
$C-PSC,, P_{\mu}PeC\uparrow C-C-$			3,6
$C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C...$			
$PsC\overline{h}PiP^{\circ}PSC-PI$			
$C\acute{r}$			
$C\uparrow PsP \gg PsPIC-PeC-PI^{\overline{B}\overline{h}\overline{y}}$			
$P''C\overline{h}P\ddot{e}Pi$		2,4	4,1
$P\acute{K}C\acute{r}PrPsC, P^{\circ}$		2,0	3,9
$P^{\circ}C-P \gg Ch\overline{h} C\acute{r} C\overline{I}PiP\ddot{e}PSC-$		3,2	3,4
$P-P^{\circ}PiP^{\circ}PjPsC\overline{h}PsC\uparrow P_{\mu}PSPSC\overline{I}$		2,2	3,2
$P_{\overline{L}}P^{\circ}C\overline{e}P_{\mu}P \gg Ch\overline{h}$		1,9	3,2
$P-P^{\circ}PeC\overline{h}P_{\mu}Pi$		1,6	2,9
$P''P\ddot{e}C\overline{I}P \gg C-PiC-PrP_{\mu}PjC-C\overline{I}$		1,4	2,7
$P\alpha P^{\circ}C\overline{h}P\ddot{e}PSPiC-C,$		1,1	2,7
$P-P \pm C-P \gg Ch\overline{h}C\overline{e}P_{\mu}PSPSC\overline{I}$		1,4	2,4
$C\uparrow P^{\circ}C\overline{I}C, PsC, P\ddot{e}$			2,6
$C\overline{I}P_{\mu}C\uparrow PsPIP\ddot{e}PiC\acute{r}C\overline{I}PeP^{\circ}PSPSC\overline{I}^{\overline{B}\overline{S}}$			
$P''P\ddot{e}C\overline{I}PePsPjC,, PsC\overline{h}C, PiC\overline{h}P\ddot{e}$		1,1	2,2
$C\overline{I}P_{\mu}C\uparrow PsPIP\ddot{e}PiC\acute{r}C\overline{I}PeP^{\circ}PSPSC-$			1,6

* $P''C\overline{h}P\ddot{e}P \pm PePsPIC- C-PSC,, P_{\mu}PeC\uparrow C-C- C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C... PsC\overline{h}PiP^{\circ}PSC-PI$
 $PsC... PsPiP \gg Ch\overline{h}C\overline{h}C, Ch\overline{h} C, P^{\circ}PeC- PiPsP \pm C-C\uparrow PSC- C\overline{h}P_{\mu}P^{\circ}PeC\uparrow C-C-,$
 $PiP_{\mu}C\overline{h}P_{\mu}C\overline{h}P^{\circ}C... PsPIP^{\circ}PSC- PI PiPsC\overline{h}C\overline{I}PrPeC\acute{r} P \cdot PjP_{\mu}PSC\overline{e}P_{\mu}PSPSC\overline{I} C\uparrow P^{\circ}C\overline{I}C, PsC, P\ddot{e},$
 $C\overline{I}PeC- C\overline{I}PiPsC\overline{I}C, P_{\mu}C\overline{h}C-PiP^{\circ}P \gg P\ddot{e}C\overline{I}C\overline{I} C\acute{r} P\overline{I}C-PSPsPe:$
 $PiC\acute{r}P \gg Ch\overline{h}PiPsPIP^{\circ}PiC-PSP^{\circ}P \gg Ch\overline{h}PSP^{\circ} PiC\overline{h}P\ddot{e}P \pm PePsPIP^{\circ} C-PSC,, P_{\mu}PeC\uparrow C-C\overline{I},$
 $PIP^{\circ}PiC-PSP^{\circ}P \gg Ch\overline{h}PSP^{\circ} C-PSC,, P_{\mu}PeC\uparrow C-C\overline{I}, C-PSC,, P_{\mu}PeC\uparrow C-C\overline{I} C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C...$
 $PsC\overline{h}PiP^{\circ}PSC-PI, PiC\acute{r}P \gg Ch\overline{h}PiPsPIP^{\circ}PiC-PSC-C,, PiC\overline{h}P\ddot{e}P \pm PePsPIP^{\circ} C-PSC,, P_{\mu}PeC\uparrow C-C\overline{I}$
 $C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C... PsC\overline{h}PiP^{\circ}PSC-PI, PiC\acute{r}P \gg Ch\overline{h}PiPsPIP^{\circ}PiC-PSP^{\circ}P \gg Ch\overline{h}PSP\ddot{e}PN_{\acute{e}}$
 $PeP^{\circ}PSPPr\ddot{e}PrPsP, P^{\circ}P \pm C\overline{I}C\uparrow P_{\mu}C\overline{I} PiC\acute{r}P \gg Ch\overline{h}PiP\ddot{e}, PiP_{\mu}PSC-C, P^{\circ}P \gg Ch\overline{h}PSP\ddot{e}PN_{\acute{e}}$
 $PeP^{\circ}PSPPr\ddot{e}PrPsP \cdot C, P^{\circ} P \pm P^{\circ}PeC, P_{\mu}C\overline{h}C-P^{\circ}P \gg Ch\overline{h}PSP\ddot{e}PN_{\acute{e}} PIP^{\circ}PiC-PSC-C,,$
 $(P_{\overline{L}}C-P \gg Ch\overline{h}PeC-C\overline{I}C, Ch\overline{h} (N) P\overline{I}C-PSPsPe: PiP \gg P^{\circ}C\uparrow P_{\mu}P \pm Ps C- PjP_{\mu}C, C,, PsC\overline{h}PjC-PS = 534,$
 $PrP^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PS C\acute{r} PrPsP \cdot C- 5 PjPi C- PjP_{\mu}C, C,, PsC\overline{h}PjC-PS 223,$
 $PrP^{\circ}PiP^{\circ}PiP \gg C-C,, P \gg PsP \cdot P\ddot{e}PS C\acute{r} PrPsP \cdot C- 10 PjPi C- PjP_{\mu}C, C,, PsC\overline{h}PjC-PS = 430).$

$\overline{B}\overline{h}$ $P\uparrow PSC,, P_{\mu}PeC\uparrow C-C- C\overline{I}P_{\mu}C\uparrow PsPIP\ddot{e}PIC-PrPSP\ddot{e}C... C\overline{e}P \gg C\overline{I}C... C-PI PsC... PsPiP \gg Ch\overline{h}C\overline{h}C, Ch\overline{h}$
 $C, P^{\circ}PeC- PiPsP \pm C-C\uparrow PSC- C\overline{h}P_{\mu}P^{\circ}PeC\uparrow C-C-, PiP_{\mu}C\overline{h}P_{\mu}C\overline{h}P^{\circ}C... PsPIP^{\circ}PSC- PI PiPsC\overline{h}C\overline{I}PrPeC\acute{r}$
 $P \cdot PjP_{\mu}PSC\overline{e}P_{\mu}PSPSC\overline{I} C\uparrow P^{\circ}C\overline{I}C, PsC, P\ddot{e}: C-PSC,, P_{\mu}PeC\uparrow C-C\overline{I} C\overline{I}P_{\mu}C\uparrow PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...$
 $C\overline{e}P \gg C\overline{I}C... C-PI, C\uparrow P\ddot{e}C\overline{I}C, P\ddot{e}C,, PiC-C''P \gg PsPSP_{\mu}C,, C\overline{h}P\ddot{e}C,, C\acute{r}C\overline{h}P_{\mu}C, C\overline{h}P\ddot{e}C, C-$
 $PiC\overline{h}PsC\overline{I}C, P^{\circ}C, P\ddot{e}C,,$

$\overline{B}\overline{h}\overline{y}$ $P''C\overline{h}P\ddot{e}P \pm PePsPIC- C-PSC,, P_{\mu}PeC\uparrow C-C- C\overline{I}C, P^{\circ}C, P_{\mu}PIP\ddot{e}C... PsC\overline{h}PiP^{\circ}PSC-PI$
 $PsC... PsPiP \gg Ch\overline{h}C\overline{h}C, Ch\overline{h} C, P^{\circ}PeC- PiPsP \pm C-C\uparrow PSC- C\overline{h}P_{\mu}P^{\circ}PeC\uparrow C-C-,$
 $PiP_{\mu}C\overline{h}P_{\mu}C\overline{h}P^{\circ}C... PsPIP^{\circ}PSC- PI PiPsC\overline{h}C\overline{I}PrPeC\acute{r} P \cdot PjP_{\mu}PSC\overline{e}P_{\mu}PSPSC\overline{I} C\uparrow P^{\circ}C\overline{I}C, PsC, P\ddot{e},$

PePsPSC,ChPsP»CH

P°P°PiP°PiP»C-C,,P»PsP·PëPS

P°P°PSC-, PiChPµPrCfC,P°PIP»PµPSC- PI C,P°P±P»PëC†C- 7, PsC,ChPëPjP°PSPs Cr C...PsPrC-
PiChPsPIPµPrPµPSPSCl 12 PiP»P°C†PµP±Ps-PePsPSC,ChPsP»CHPsPIP°PSPëC...
PrPsCfP»C-PrP¶PµPSCH PrP»C¶ PiP»C-PePµPjC-C†PSPsPiPs PePsPSC,ChPsP»CH
C,ChPëPIP°P»C-CfC,CH PIC-Pr 12 PrPs 24 C,PëP¶PSC-PI. PJ 4 PrPsCfP»C-PrP¶PµPSPSClC...
PrP°PiP°PiP»C-C,,P»PsP·PëPS P·P°CfC,PsCfPsPICfPIP°PICfC¶ C¶Pe PjPsPSPsC,PµChP°PiC-C¶,
Cr 8 PrPsCfP»C-PrP¶PµPSPSClC... PrP°PiP°PiP»C-C,,P»PsP·PëPS
P·P°CfC,PsCfPsPICfPIP°PICfC¶ C¶Pe PrPsPiPsPIPSPµPSPSCl PrPs PsCfPSPsPIPSPsC—
C,PµChP°PiC-C— PiChPsC,PëPrC-P°P±PµC,PëC†PSPëPjPë P»C-PeP°ChCfCHPePëPjPë
P·P°CfPsP±P°PjPë P°P±Ps Cr CfPeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC— C,PµChP°PiC-C— P·
PjPµC,C,,PsChPjC-PSPsPj.

PjC- PrP°PSC- PIC-PrPsP±ChP°P¶P°CHC,CH PrC-CH PrP°PiP°PiP»C-C,,P»PsP·PëPSCr Cr 2338
PiP°C†C-C°PSC,C-PI C-P· CfPµChPµPrPSCHPSCH C,ChPëPIP°P»C-CfC,CH
PµPeCfPiPsP·PëC†C-C— 21 C,PëP¶PrPµPSCH. PµP°C†C-C°PSC,Pë PsC,ChPëPjCrPIP°P»Pë
PiP»P°C†PµP±Ps (N=1393), PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C- 5 PjPi (N=1145) P°P±Ps
PrP°PiP°PiP»C-C,,P»PsP·PëPS Cr PrPsP·C- 10 PjPi (N=1193) PsPrPëPS ChP°P· PSP° PrPsP±Cf.
P¶PµChPµPrPSC-PNë PIC-Pe PiPsPiCfP»C¶C†C-C— CfC,P°PSPsPIPëPI 55 ChPsPeC-PI C- 2 %
PsCfC-P± P±CfP»Pë PIC-PePsPj PIC-Pr 75 ChPsPeC-PI. 50 % PiPsPiCfP»C¶C†C-C—
CfC,P°PSPsPIPëP»Pë C†PsP»PsPIC-PePë; 81 % PsCfC-P± P±CfP»Pë
C°PICChPsPiPµPsC—PrPSPsC— ChP°CfPë, 14 % бґ“ P°P·C-P°C,CfCHPePsPiPs
PiPsC...PsPrP¶PµPSPSCl C- 3 % бґ“ PSPµPiChPsC—PrPSPsC— ChP°CfPë P°P±Ps
P°C,,ChPsP°PjPµChPëPeP°PSC†C-. PкP° PIPëC...C-PrPSPsPjCr ChC-PIPSC- CrC†P°CfPSPëPePë
PrPsCfP»C-PrP¶PµPSPSCl PjP°P»Pë C†CfPeChPsPIPëPNë PrC-P°P±PµC, C-P·
CfPµChPµPrPSCHPSCH C,ChPëPIP°P»C-CfC,CH 6 ChPsPeC-PI; CfPµChPµPrPSC-PNë
ChC-PIPµPSCH HbA1c CfC,P°PSPsPIPëPI 8,3 %; 21 % CrC†P°CfPSPëPeC-PI
PrPsCfP»C-PrP¶PµPSPSCl PjP°P»Pë PiC-PrC,PIPµChPµPrP¶PµPSC- PjC-PeChPsCfCfPrPëPSPSC-
CfCfPeP»P°PrPSPµPSPSCl C†CfPeChPsPIPsiPs PrC-P°P±PµC,Cr. PαCfPSPeC†C-C¶
PSPëChPsPe PSP° PIPëC...C-PrPSPsPjCr ChC-PIPSC- P±CfP»P° PSPsChPjP°P»CHPSPsCH
P°P±Ps P·P»PµPiPeP° PiPsChCfCεPµPSPsCH Cr 92 % PiP°C†C-C°PSC,C-PI, PiPsPjC-ChPSPs
PiPsChCfCεPµPSPsCH бґ“ Cr 8 % PiP°C†C-C°PSC,C-PI (CfPµChPµPrPSCl ChPëPлPα бґ“
86 PjP»/C...PI/1,73 Pj²).

PJ C,P°P±P»PëC†C- 7 PSP°PIPµPrPµPSC- PSP°PNëP±C-P»CHCε C†P°CfC,C- PiPsP±C-C†PSC-
ChPµP°PeC†C-C—, PiPsPiбґ™ C¶P·P°PSC- C-P· P·P°CfC,PsCfCfPIP°PSPSClPj
PrP°PiP°PiP»C-C,,P»PsP·PëPSCr. PjC- PiPsP±C-C†PSC- ChPµP°PeC†C-C— P±CfP»Pë
PIC-PrCfCfC,PSC- PSP° PIPëC...C-PrPSPsPjCr ChC-PIPSC-, ChPµC°CfC,ChCfPIP°P»PëCfC¶
C†P°CfC,C-CεPµ Cr PiChCfPiC- P»C-PeCfPIP°PSPSCl PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj, PSC-P¶
Cr PiChCfPiC- P·P°CfC,PsCfCfPIP°PSPSCl PiP»P°C†PµP±Ps, C-
CfPiPsCfC,PµChC-PiP°P»PëCfC¶ PiChPëPSP°PNëPjPSC- Cr 2 % PiP°C†C-C°PSC,C-PI, C¶PeC-
PsC,ChPëPjCrPIP°P»Pë P»C-PeCfPIP°PSPSCl PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C-
5 PjPi P°P±Ps 10 PjPi.

PyP°P±P»PëC†CЦ 7

***PμPsP±C-C‡PSC- CЦPμP°PeC†C-C—,
P·P°CЦPμC″CÍC,CЦPsPIP°PSC- C¿ PïP»P°C†PμP±Ps-
PePsPSC,CЦPsP»CЦPsPIP°PSPëC...
PrPsCÍP»C-PrP¶PμPSPSCЦC... PiP»C-PePμPjC-C‡PSPsPiPs
PePsPSC,CЦPsP»CЦ C¿ ≥ 2 % PïP°C†C-C″PSC,C-PI, CЦPeC-
PsC,CЦPëPjC¿PIP°P»Pë P»C-PeC¿PIP°PSPSCЦ
PrP°PïP°PiP»C-C,,P»PsP·PëPSPsPj***

	% PïP°C†C-C″PSC,C-PI <i>PhPSP°P»C-P· PsP±6T™ C″PrPSP°PSPëC... PrP°PSPëC... 12B</i> <i>PiP»P°C†PμP±Ps-PePsPSC,CЦPsP»CЦPsPIP°PSPëC...</i> <i>PrPsCÍP»C-PrP¶PμPSCЦ</i> <i>PμP»P°C†PμP±PsP″P°PïP°PiP»C-C,,P»PsP·PëPSP″P°PïP°PiP»C-C,,P»PsP·PëPS</i> <i>N=1393</i> <i>5 PjPi</i> <i>10 PjPi</i> <i>N=1145</i> <i>N=1193</i>		
<i>PμPsP±C-C‡PSP° CЦPμP°PeC†C-CЦ</i>			
P″CЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CÍC,P°C,PμPIPëC... PsCЦPiP°PSC-PI CÍ P¶C-PSPsPe*	1,5	8,4	6,9
PkP°P·PsC,,P°CЦPëPSPiC-C, P†PSC,,PμPeC†C-C— CÍPμC‡PsPIPëPIC-PrPSPëC...	6,2 3,7	6,6 5,7	6,3 4,3
C€P»CЦC...C-PI ⁵ P′C-P»CЦ CÍ CÍPïPëPSC- P—P±C-P»CЦC€PμPSPSCЦ C‡P°CÍC,PsC,Pë CÍPμC‡PsPIPëPiCÍCÍPeP°PSPSCЦ ⁵⁵	3,2 1,7	3,1 2,9	4,2 3,8
P″CЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CÍC,P°C,PμPIPëC... PsCЦPiP°PSC-PI CÍ C‡PsP»PsPIC-PeC-PI ⁵⁸	0,3	2,8	2,7
PkCÍPrPsC,P° P″CЦPëPi P″PëCÍP»C-PiC-PrPμPjC-CЦ P—P°PeCЦPμPi P″PëCÍPePsPjC,,PsCЦC, PiCЦPë CÍPμC‡PsPIPëPiCÍCÍPeP°PSPSC- P′C-P»CЦ CÍ PeC-PSC†C-PIPeP°C...	2,4 2,3 1,5 1,5 0,7 1,4	2,8 2,7 2,1 2,2 1,6 2,0	2,5 2,3 2,5 1,9 2,1 1,7

* P″CЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CÍC,P°C,PμPIPëC... PsCЦPiP°PSC-PI
PsC...PsPiP»CЦCЦC, C, P°PeC- PiPsP±C-C‡PSC- CЦPμP°PeC†C-C—,
PiPμCЦPμCЦP°C...PsPIP°PSC- PI PiPsCЦCЦPrPeCÍ P·PjPμPSC€PμPSPSCЦ C‡P°CÍC,PsC,Pë,
CЦPeC- CÍPiPsCÍC,PμCЦC-PiP°P»PëCÍCЦ CÍ P¶C-PSPsPe:
PICÍP»CЦPiPsPIP°PiC-PSP°P»CЦPSP° PiCЦPëP±PePsPIP° C-PSC,,PμPeC†C-CЦ,
PIP°PiC-PSP°P»CЦPSP° C-PSC,,PμPeC†C-CЦ, PICÍP»CЦPiPsPIP°PiC-PSP°P»CЦPSPëPN
PeP°PSPPrPëPrPsP·, PICÍP»CЦPiPsPIP°PiC-PSC-C,, C-PSC,,PμPeC†C-CЦ CÍC,P°C,PμPIPëC...
PsCЦPiP°PSC-PI, PiPμPSC-C,P°P»CЦPSPëPN PeP°PSPPrPëPrPsP·, PiCЦPëP±PePsPIP°
C-PSC,,PμPeC†C-CЦ CÍC,P°C,PμPIPëC... PsCЦPiP°PSC-PI, PICÍP»CЦPiC-C,, C-PSC,,PμPeC†C-CЦ
CÍPμC‡PsCÍC,P°C,PμPiPsPiPs C,CЦP°PeC,CÍ, P°P±CÍC†PμCÍ PICÍP»CЦPiPë C,P°

$P \pm P^\circ PeC, P_\mu C \bar{H} C - P^\circ P \gg CHbPSP\bar{e}PN_\# PIP^\circ PiC - PSC - C, . (P_\# C - P \gg CHbPeC - C\acute{I}C, CH (N) P \parallel C - PSPsPe:$
 $P\ddot{I}P \gg P^\circ C \dagger P_\mu P \pm Ps = 677, PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS \text{ } \acute{C}r \text{ } PrPsP \cdot C - 5 PjPi = 581,$
 $PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS \text{ } \acute{C}r \text{ } PrPsP \cdot C - 10 PjPi = 598).$

^{БҖ} $P \dagger PSC, P_\mu PeC \dagger C - C - C\acute{I}P_\mu C \ddagger PsPIP\bar{e}PIC - PrPSP\bar{e}C... C\epsilon P \gg C\bar{I}C... C - PI \text{ } PsC... PsP\ddot{I}P \gg C\bar{H}C\bar{H}C, CH$
 $C, P^\circ PeC - P\ddot{I}PsP \pm C - C \ddagger PSC - C\bar{H}P_\mu P^\circ PeC \dagger C - C -, P\ddot{I}P_\mu C \bar{H}P_\mu C \bar{H}P^\circ C... PsPIP^\circ PSC - PI \text{ } P\ddot{I}PsC \bar{H}C\bar{I}PrPeC\acute{r}$
 $P \cdot PjP_\mu PSC\epsilon P_\mu PSPSC\bar{I} C \ddagger P^\circ C\acute{I}C, PsC, P\bar{e}: C - PSC, P_\mu PeC \dagger C - C\bar{I} C\acute{I}P_\mu C \ddagger PsPIP\bar{e}PIC - PrPSP\bar{e}C...$
 $C\epsilon P \gg C\bar{I}C... C - PI, C \dagger P\bar{e}C\acute{I}C, P\bar{e}C, PIP\bar{e}PeP \gg P\bar{e}PeP^\circ PSP^\circ Escherichia C - PSC, P_\mu PeC \dagger C - C\bar{I}$
 $C\acute{I}P_\mu C \ddagger PsPIP\bar{e}PIC - PrPSP\bar{e}C... C\epsilon P \gg C\bar{I}C... C - PI, C - PSC, P_\mu PeC \dagger C - C\bar{I} C\acute{I}P_\mu C \ddagger PsC\acute{I}C, P^\circ C, P_\mu PIPsPiPs$
 $C, C\bar{H}P^\circ PeC, \acute{C}r, PiC - C''P \gg PsPSP_\mu C, C\bar{H}P\bar{e}C, C, C\bar{H}P\bar{e}PiPsPSC - C, \acute{C}rC\bar{H}P_\mu C, C\bar{H}P\bar{e}C,$
 $PSP\bar{e}C\bar{H}PePsPIP^\circ C - PSC, P_\mu PeC \dagger C - C\bar{I} C - P\ddot{I}C\bar{H}PsC\acute{I}C, P^\circ C, P\bar{e}C, .$

^{БҖҫ} $P - P \pm C - P \gg CHbC\epsilon P_\mu PSPSC\bar{I} C \ddagger P^\circ C\acute{I}C, PsC, P\bar{e} C\acute{I}P_\mu C \ddagger PsPIP\bar{e}PiC\acute{r}C\acute{I}PeP^\circ PSPSC\bar{I}$
 $PsC... PsP\ddot{I}P \gg C\bar{H}C'' C, P^\circ PeC - P\ddot{I}PsP \pm C - C \ddagger PSC - C\bar{H}P_\mu P^\circ PeC \dagger C - C -, P\ddot{I}P_\mu C \bar{H}P_\mu C \bar{H}P^\circ C... PsPIP^\circ PSC - PI$
 $P\ddot{I}PsC \bar{H}C\bar{I}PrPeC\acute{r} P \cdot PjP_\mu PSC\epsilon P_\mu PSPSC\bar{I} C \ddagger P^\circ C\acute{I}C, PsC, P\bar{e}: P\ddot{I}PsP \gg P^\circ PeC - C\acute{r}C\bar{H}C - C\bar{I},$
 $P\ddot{I}PsP \gg C - C\acute{r}C\bar{H}C - C\bar{I} C - P\ddot{I}C - PrPIP\bar{e}C\%_0 P_\mu PSP\bar{e}PN_\# PrC - C\acute{r}C\bar{H}P_\mu P \cdot$

^{БҖ} $P''C\bar{H}P\bar{e}P \pm PePsPIC - C - PSC, P_\mu PeC \dagger C - C - C\acute{I}C, P^\circ C, P_\mu PIP\bar{e}C... PsC\bar{H}PiP^\circ PSC - PI$
 $PsC... PsP\ddot{I}P \gg C\bar{H}C\bar{H}C, CH C, P^\circ PeC - P\ddot{I}PsP \pm C - C \ddagger PSC - C\bar{H}P_\mu P^\circ PeC \dagger C - C -,$
 $P\ddot{I}P_\mu C \bar{H}P_\mu C \bar{H}P^\circ C... PsPIP^\circ PSC - PI \text{ } P\ddot{I}PsC \bar{H}C\bar{I}PrPeC\acute{r} P \cdot PjP_\mu PSC\epsilon P_\mu PSPSC\bar{I} C \ddagger P^\circ C\acute{I}C, PsC, P\bar{e},$
 $C\bar{I}PeC - C\acute{I}P\ddot{I}PsC\acute{I}C, P_\mu C \bar{H}C - PiP^\circ P \gg P\bar{e}C\acute{I}CH \text{ } \acute{C}r \text{ } C \ddagger PsP \gg PsPIC - PeC - PI: P \pm P^\circ P \gg P^\circ PSC - C,,$
 $PiC\bar{H}P\bar{e}P \pm PePsPIP^\circ C - PSC, P_\mu PeC \dagger C - C\bar{I} C\acute{I}C, P^\circ C, P_\mu PIP\bar{e}C... PsC\bar{H}PiP^\circ PSC - PI,$
 $PeP^\circ PSPPrP\bar{e}PrPsP \cdot PSP\bar{e}PN_\# P \pm P^\circ P \gg P^\circ PSC - C,, PiP_\mu PSC - C, P^\circ P \gg CHbPSP\bar{e}PN_\# PeP^\circ PSPPrP\bar{e}PrPsP \cdot,$
 $C - PSC, P_\mu PeC \dagger C - C\bar{I} C\acute{I}C, P^\circ C, P_\mu PIP\bar{e}C... PsC\bar{H}PiP^\circ PSC - PI \text{ } \acute{C}r \text{ } C \ddagger PsP \gg PsPIC - PeC - PI,$
 $C - PSC, P_\mu PeC \dagger C - C\bar{I} C\acute{I}C, P^\circ C, P_\mu PIPsPiPs C \ddagger P \gg P_\mu PSP^\circ, P \pm P^\circ P \gg P^\circ PSPsPiPsC\acute{I}C, P\bar{e}C,,$
 $C - PSC, P_\mu PeC \dagger C - PN_\# PSP\bar{e}PN_\# P \pm P^\circ P \gg P^\circ PSPsPiPsC\acute{I}C, P\bar{e}C,, C - PSC, P_\mu PeC \dagger C - C\bar{I}$
 $C\acute{I}C, P^\circ C, P_\mu PIP\bar{e}C... PsC\bar{H}PiP^\circ PSC - PI C - P \cdot P^\circ P\ddot{I}P^\circ P \gg P_\mu PSPSC\bar{I} PeC\bar{H}P^\circ PN_\# PSCHbPsC - P\ddot{I}P \gg PsC, C -$
 $(P_\# C - P \gg CHbPeC - C\acute{I}C, CH (N) C \ddagger PsP \gg PsPIC - PeC - PI: P\ddot{I}P \gg P^\circ C \dagger P_\mu P \pm Ps = 716,$
 $PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS \text{ } \acute{C}r \text{ } PrPsP \cdot C - 5 PjPi = 564, PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS \text{ } \acute{C}r \text{ } PrPsP \cdot C -$
 $10 PjPi = 595).$

$P\bar{h}PSP^\circ P \gg C - P \cdot PsP \pm \mathfrak{e}\bar{H}^{\text{TM}} C'' PrPSP^\circ PSP\bar{e}C... PrP^\circ PSP\bar{e}C... 13$
 $P\ddot{I}P \gg P^\circ C \dagger P_\mu P \pm Ps - PePsPSC, C\bar{H}PsP \gg CHbPsPIP^\circ PSP\bar{e}C...$
 $PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSCHb P \gg C - PeC \acute{e} PIP^\circ PSPSC\bar{I}$
 $PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PSPsPj \text{ } \acute{C}e \text{ } PrPsP \cdot C - 10 PjPi$
 $PrP \gg C\bar{I} P\ddot{I}P \gg C - PeP_\mu PjC - C \ddagger PSPsPiPs PePsPSC, C\bar{H}PsP \gg C\bar{H}$

$P''P^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PS \text{ } \acute{C}r \text{ } PrPsP \cdot C - 10 PjPi \text{ } C, P^\circ PePsP \parallel P \pm C\acute{r}PI \text{ } PsC \dagger C - PSP_\mu PSP\bar{e}PN_\# P \cdot P^\circ$
 $PrP^\circ PSP\bar{e}PjP\bar{e} P \pm C - P \gg CHbC\epsilon PsPiPs P\ddot{I}P \gg P^\circ C \dagger P_\mu P \pm Ps - PePsPSC, C\bar{H}PsP \gg CHbPsPIP^\circ PSPsPiPs$
 $PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSPSC\bar{I} PiP \gg C - PeP_\mu PjC - C \ddagger PSPsPiPs PePsPSC, C\bar{H}PsP \gg C\bar{H}. P''P^\circ PSC -$
 $PsC... PsP\ddot{I}P \gg C\bar{H}PiP^\circ P \gg P\bar{e} PrP^\circ PSC - /C\bar{H}P_\mu P \cdot C\acute{r}P \gg CHbC, P^\circ C, P\bar{e} 13 P\ddot{I}P \gg P^\circ C \dagger P_\mu P \pm Ps -$
 $PePsPSC, C\bar{H}PsP \gg CHbPsPIP^\circ PSP\bar{e}C... PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSCHb, P \cdot PsPeC\bar{H}P_\mu PjP^\circ 3$
 $PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSCHb PjPsPSPsC, P_\mu C\bar{H}P^\circ PiC - C -, 9 PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSCHb$
 $PrPsP\ddot{I}PsPIPSP_\mu PSPSC\bar{I} PrP^\circ P\ddot{I}P^\circ PiP \gg C - C, P \gg PsP \cdot P\bar{e}PSC\acute{r} PrPs PsC\acute{I}PSPsPIPSPsC -$
 $C, P_\mu C\bar{H}P^\circ PiC - C - P\ddot{I}C\bar{H}PsC, P\bar{e}PrC - P^\circ P \pm P_\mu C, P\bar{e}C \ddagger PSP\bar{e}PjP\bar{e} P \gg C - PeP^\circ C\bar{H}C\acute{I}CHbPeP\bar{e}PjP\bar{e}$
 $P \cdot P^\circ C\acute{I}PsP \pm P^\circ PjP\bar{e}, P^\circ C, P^\circ PePsP \parallel PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSPSC\bar{I} C\bar{H}P^\circ PSPSCHbPsC -$
 $PePsPjP \pm C - PSPsPIP^\circ PSPsC - C, P_\mu C\bar{H}P^\circ PiC - C - PjP_\mu C, C, PsC\bar{H}PjC - PSPsPj. Pj C... PsPrC -$
 $P\ddot{I}C\bar{H}PsPIP_\mu PrP_\mu PSPSC\bar{I} C \dagger P\bar{e}C... 13 PrPsC\acute{I}P \gg C - PrP \parallel P_\mu PSCHb 2360 P\ddot{I}P^\circ C \dagger C - C''PSC, C - PI$
 $PsPrP\bar{e}PS C\bar{H}P^\circ P \cdot PSP^\circ PrPsP \pm C\acute{r} PsC, C\bar{H}P\bar{e}PjC\acute{r}PIP^\circ P \gg P \gg C - PeC\acute{r}PIP^\circ PSPSC\bar{I}$

PrP°PīP°PiP»C-C,,P»PsP·PēPSPsPj Cí PrPsP·C- 10 PjPi C-P· CÍPμCḡPμPrPSCḡPsCḡ
C,CḡPēPIP°P»C-CÍC,Cḡ PμPeCÍPīPsP·PēC†C-C— 22 C,PēP¶PSC-. PŸPμCḡPμPrPSC-PNē PIC-Pe
PīPsPīCíP»CÍC†C-C— CÍC,P°PSPsPIPēPI 59 CḡPsPeC-PI, 4 % PsCÍC-P± P±CíP»Pē PIC-PePsPj
PIC-Pr 75 CḡPsPeC-PI. 58 % PīPsPīCíP»CÍC†C-C— CÍC,P°PSPsPIPēP»Pē C†PsP»PsPIC-PePē;
84 % PsCÍC-P± P±CíP»Pē C"PICḡPsPīPμPsC—PrPSPsC— CḡP°CÍPē, 9 % Bḡ"
P°P·C-P°C,CÍCḡPePsPīPs PīPsC...PsPrP¶PμPSPSCÍ C- 3 % Bḡ" PSPμPiCḡPsC—PrPSPsC—
CḡP°CÍPē P°P±Ps P°C,,CḡPsP°PjPμCḡPēPeP°PSC†C-. PḡP° PIPēC...C-PrPSPsPjCí CḡC-PIPSC-
CíC†P°CÍPSPēPePē PrPsCÍP»C-PrP¶PμPSPSCÍ PjP°P»Pē C†CíPeCḡPsPIPēPNē PrC-P°P±PμC, C-P·
CÍPμCḡPμPrPSCḡPsCḡ C,CḡPēPIP°P»C-CÍC,Cḡ 9 CḡPsPeC-PI; CÍPμCḡPμPrPSC-PNē
CḡC-PIPμPSCḡ HbA1c CÍC,P°PSPsPIPēPI 8,2 %; 30 % CíC†P°CÍPSPēPeC-PI
PrPsCÍP»C-PrP¶PμPSPSCÍ PjP°P»Pē PiC-PrC,PIPμCḡPrP¶PμPSPμ PjC-PeCḡPsCÍCíPrPēPSPSPμ
P·P°C...PIPSCḡPIP°PSPSCÍ. PḡCíPSPeC†C-CÍ PSPēCḡPsPe PSP° PIPēC...C-PrPSPsPjCí
CḡC-PIPSC- P±CíP»P° PSPsCḡPjP°P»CḡPSPsCḡ P°P±Ps P·P»PμPiPeP° PīPsCḡCíCēPμPSPsCḡ Cí
88 % PīP°C†C-C"PSC,C-PI, PīPsPjC-CḡPSPs PīPsCḡCíCēPμPSPsCḡ Bḡ" Cí 11 %
PīP°C†C-C"PSC,C-PI (CÍPμCḡPμPrPSCÍ CḡPēPḡPḡ Bḡ" 82 PjP»/C...PI/1,73 Pj²).

P—PjPμPSCēPμPSPSCÍ PsP±Bḡ™ C"PjCé CḡC-PrPēPSPē

P"P°PīP°PiP»C-C,,P»PsP·PēPS CÍPīCḡPēC†PēPSCÍC" PsCÍPjPsC,PēC†PSPēPNē PrC-CíCḡPμP·,
C%oPs PjPsP¶Pμ PiCḡPēP·PIPμCÍC,Pē PrPs P·PSPēP¶PμPSPSCÍ
PIPSC†C,CḡC-CēPSCḡPsCÍCíPrPēPSPSPsPīPs PsP±Bḡ™ C"PjCí. PḡPsP±C-C†PSC-
CḡPμP°PeC†C-C—, PīPsPIBḡ™ CÍP·P°PSC- P·C- P·PjPμPSCēPμPSPSCÍPj PsP±Bḡ™ C"PjCí
CḡC-PrPēPSPē (PIPeP»CḡC†PSPs P· PīPsPIC-PrPsPjP»PμPSPSCÍPjPē PiCḡPs
P·PSPμPIPsPrPSPμPSPSCÍ, PiC-PīPsPIPsP»PμPjC-Cḡ, PsCḡC,PsCÍC,P°C,PēC†PSC†
PiC-PīPsC,PμPSP·C-Cḡ P°P±Ps P°CḡC,PμCḡC-P°P»CḡPSC† PiC-PīPsC,PμPSP·C-Cḡ), PrP»CÍ
PiCḡCíPi PrPsCÍP»C-PrP¶PμPSCḡ, C%oPs PsP±Bḡ™ C"PrPSC†PIP°P»Pē 12 C- 13
PePsCḡPsC,PePsCÍC,CḡPsPePsPIPēC... PīP»P°C†PμP±Ps-PePsPSC,CḡPsP»CḡPsPIP°PSPēC...
PrPsCÍP»C-PrP¶PμPSCḡ, C,P° PrP»CÍ PrPsCÍP»C-PrP¶PμPSPSCÍ DECLARE PSP°PIPμPrPμPSPs
PI C,P°P±P»PēC†C- 8 (PrPēPI. CḡPsP·PrC-P» B«PḡCÍPsP±P»PēPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCÍB»).

PŸP°P±P»PēC†CÍ 8

*PμPsP±C-C†PSC- CḡPμP°PeC†C-C—, PīPsPIBḡ™ CÍP·P°PSC- P·C- P·PjPμPSCēPμPSPSCÍPj
PsP±Bḡ™ C"PjCé CḡC-PrPēPSPē*, PI PeP»C-PSC-C†PSPēC... PrPsCÍP»C-PrP¶PμPSPSCÍC...
P·P°CÍC,PsCÍCíPIP°PSPSCÍ PrP°PīP°PiP»C-C,,P»PsP·PēPSCé*

<i>PμPsPeP°P·PSPēPe</i>	<i>PḡPSP°P»C-P· PrP°PSPēC... 12 PsP±Bḡ™ C"PrPSP°PSPēC... PīP»P°C†PμP±Ps- PePsPSC,CḡPsP»CḡPsPIP°PSPēC... PrPsCÍP»C-PrP¶PμPSCḡ</i>			<i>PḡPSP°P»C-P· PrP°PSPēC... 13 PsP±Bḡ™ C"PrPSP°PSPēC... PīP»P°C†PμP±Ps- PePsPSC,CḡPsP»CḡPsPIP°PSPēC... PrPsCÍP»C-PrP¶PμPSCḡ</i>			<i>P"PsCÍP»C-PrP¶PμPSPSCÍ DECLARE</i>
	<i>PμP»P°C†PμP±Ps</i>	<i>P"°PīP°PiP»C-- C,,P»PsP·PēPS</i>	<i>P"°PīP°PiP»C-- C,,P»PsP·PēPS</i>	<i>PμP»P°C†PμP±Ps</i>	<i>P"°PīP°PiP»C-- C,,P»PsP·PēPS</i>	<i>10 PjPi</i>	<i>PμP»P°C†PμP±PsC,,P»PsP·PēPS</i>
<i>P—P°PiP°P»CḡPSP°</i>	N=1393	N=1145	N=1193	N=2295	N=2360	N=8569	N=8574
<i>PeC-P»CḡPeC-CÍC,Cḡ</i>	5	7	9	17	27	207	213
<i>CéC†P°CÍPSPēPeC-PI</i>	(0,4 %)	(0,6 %)	(0,8 %)	(0,7 %)	(1,1 %)	(2,4 %)	(2,5 %)
<i>PrPsCÍP»C-PrP¶PμPSPSCÍ</i>							
<i>N (%)</i>							
<i>PμC-PrPiCḡCíPīP° PīP°C†C-C"PSC,C-PI, n (%)</i>							
<i>PμP°C†C-C"PSC,Pē,</i>	n=55	n=40	n=31	n=267	n=236	n=934	n=866
<i>CÍPeC-</i>	1	0	3	4	6	57	57
<i>PsC,CḡPēPjCíCḡC,Cḡ</i>	(1,8 %)		(9,7 %)	(1,5 %)	(2,5 %)	(6,1 %)	(6,6 %)
<i>PīPμC,P»CḡPsPIC-</i>							
<i>PrC-CḡCḡPμC,PēPePē</i>							

P _u P ^o C†C-C"PSC, P _ë P- P _i P _s C†C†C†P _u PSPSC†C†P _j C _„ C†PSP _ë C†C-C— PSP _ë C†P _s P _ë P _i P _s P _j C-C†PSP _s P _i P _s C†C, C†P _i P _u PSC†C† C, C†P _u P _ë P _s C†C, C- P- C†P _ë P _ë P _ë P _ë ≥30 C, P ^o <60 P _j P/C...PI /1,73 P _j ²	n=107 2 (1,9 %)	n=107 1 (0,9 %)	n=89 1 (1,1 %)	n=268 4 (1,5 %)	n=265 5 (1,9 %)	n=658 30 (4,6 %)	n=604 35 (5,8 %)
P _u P ^o C†C-C"PSC, P _ë P- P _i C-P _ë P _s P _j P»P _u PSPSC†C† P _i C-P _i P _s P _i P»P _u P _j C-C† P _s C†C, P _s C†C, P ^o C, P _ë C†PSC† P _i C-P _i P _s C, P _u PSP·C-C† P ^o P±P _s P ^o C†C, P _u C†C-P ^o P»C†PSC† P _i C-P _i P _s C, P _u PSP·C-C†.	n=276 1 (0,4 %)	n=216 1 (0,5 %)	n=204 3 (1,5 %)	n=711 6 (0,8 %)	n=665 11 (1,7 %)	n=3950 121 (3,1 %)	n=3948 117 (3,0 %)

* P—P_jP_uPSC†P_uPSPSC†C† P_sP±BTM C"P_jC† C†C-P_rP_ëPSP_ë P_iP_ëP»C†C†P^oC"

P_iP_sP_iC-P_rP_sP_jP»P_uPSPSC†C† P_iC†P_s P·PSP_uP_iP_sP_rPSP_uPSPSC†C†, P_iC-P_iP_sP_iP»P_uP_jC-C†,
P_sC†C, P_sC†C, P^oC, P_ëC†PSC† P_iC-P_iP_sC, P_uPSP·C-C† P^oP±P_s P^oC†C, P_uC†C-P^oP»C†PSC†
P_iC-P_iP_sC, P_uPSP·C-C†.

P"C-P_iP_sP_iP»C-P_ëP_uP_jC-C†C†

P_ëP^oC†C, P_sC, P^o P_uP_iC-P·P_sP_rC-PI P_iC-P_iP_sP_iP»C-P_ëP_uP_jC-C—, C†P_ëC- P±C†P»P_ë
P·P^oC†P_uC"C†C, C†P_sP_iP^oPSC- P_iC-P_r C†P^oC† P_iC†P_sP_iP_uP_rP_uPSPSC†C†
P_rP_sC†P»C-P_rP_uP_uPSPSC†C†, PSP^oP_iP_uP_rP_uPSP^o PI C, P^oP±P»P_ëC†C- 9. P·P_iC-P·P_sP_rP_ë
P_iC-P_iP_sP_iP»C-P_ëP_uP_jC-C— C†P_iP_sC†C, P_uC†C-P_iP^oP»P_ëC†C†C† C†P^oC†C, C-C†P_u, P_ëP_sP»P_ë
P_rP^oP_iP^oP_iP»C-C„ P»P_sP·P_ëP_s P_rP_sP_rP^oP_iP^oP»P_ë P_rP_s C†C†P»C†C„ P_sPSC-P»C†P_uC†P_sP_iP_ëPSP_ë
P^oP±P_s C-PSC†C†P»C-PSC† (P_rP_ëPI. C†P_sP·P_rC-P» B«P_hC†P_sP±P»P_ëP_iP_sC†C, C-
P·P^oC†C, P_sC†C†P_iP^oPSPSC†C†B»).

P_ëP^oP±P»P_ëC†C†C† 9

P_ëP^oC†C, P_sC, P^o P_uP_iC-P·P_sP_rC-PI P_iC-P_iP_sP_iP»C-P_ëP_uP_jC-C—* C, C†P_uP_uP_ëP_sP_iP_s
C†C, C†P_iP_uPSC†C† C, P^o P_iC-P_iP_sP_iP»C-P_ëP_uP_jC-C— B P· C†C-P_iPSP_uP_j P_iP»C†P_ëP_sP·P_ë
< 54 P_jP_i/P_rP»⁶⁷ C† P_ëP_sPSC, C†P_sP»C†P_sP_iP^oPSP_ëC... P_ëP»C-PSC-C†PSP_ëC...
P_rP_sC†P»C-P_rP_uP_uPSPSC†C†C... P_iP»C-P_ëP_uP_jC-C†PSP_sP_iP_s P_ëP_sPSC, C†P_sP»C†

P _u P _s P _ë P ^o P·PSP _ë P _ë	P _u P»P ^o C†P _u P±P _s	P ^o P _i P ^o P _i P»C-C„P»P _s P·P _ë P ^o P _i P ^o P _i P»C-C„P»P _s P·P _ë	
		PS	PS
		5 P _j P _i	10 P _j P _i
P ^o P _s P _r P ^o P _i P ^o PSPSC†C† P _r P _s	N=137	N=137	N=135
P _j P _u C, C„P _s C†P _j C-PSC† (24 C, P _ë P _u PSC-)			
P·P _i C-P·P _s P _r P _ë C, C†P _u P _u P _ë P _s P _i P _s	0	0	0
C†C, C†P _i P _u PSC†C† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _ë P _s P·P _ë <	0	0	0
54 P _j P _i /P _r P» [n (%)]			
P ^o P _s P _r P ^o P _i P ^o PSPSC†C† P _r P _s	N=226	—	N=225
C-PSP _i C-P±C-C, P _s C†C† P ^o P _u P _u 4 (P· P ^o P±P _s			
P±P _u P· P _j P _u C, C„P _s C†P _j C-PSC†) (24			
C, P _ë P _u PSC-)			
P·P _i C-P·P _s P _r P _ë C, C†P _u P _u P _ë P _s P _i P _s	0	—	1 (0,4)
C†C, C†P _i P _u PSC†C† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _ë P _s P·P _ë <	1 (0,4)	—	1 (0,4)
54 P _j P _i /P _r P» [n (%)]			
P ^o P _s P _r P ^o P _i P ^o PSPSC†C† P _r P _s	N=197	N=212	N=196
C-PSC†C†P»C-PSC† P· P ^o P±P _s P±P _u P·			
C-PSC†P _ë C... P _u P _u P _ë ⁶⁷ (24 C, P _ë P _u PSC-)			
P·P _i C-P·P _s P _r P _ë C, C†P _u P _u P _ë P _s P _i P _s	1 (0,5)	2 (0,9)	2 (1,0)
C†C, C†P _i P _u PSC†C† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _ë P _s P·P _ë <	43 (21,8)	55 (25,9)	45 (23,0)
54 P _j P _i /P _r P» [n (%)]			

*B B P·P_iC-P·P_sP_rP_ë P_iC-P_iP_sP_iP»C-P_ëP_uP_jC-C— C, C†P_uP_uP_ëP_sP_iP_s C†C, C†P_iP_uPSC†C† P±C†P»P_ë
P_iP_ëP·PSP^oC†P_uPSC- C†P_ë C, C†P_uP_uP_ëP_sP_iP_s C†C†C†C†P_uPSPSC†C† C†P_iC-P_rP_sP_jP_sC†C, C- P^oP±P_s
P_iP_sP_iP_uP_rC-PSP_ëP_ë, C%_oP_s P_iP_ëP_jP^oP_iP^oP»P_ë PSP^oP_rP^oPSPSC†C† P·P_sP_iPSC-C†PSC†P_sC—

(CÍ'C,PsCĤPsPSPSCĤPsC—) PrPsPĭPsPjPsPiPë C- PIC-PrP·PSP°C±P°P»PëCÍ'CĬ C€PIPëPrPePëPj
PIC-PrPSPsPiP»PµPSPSCĬPj CÍ'C,P°PSCr PSpµP·P°P»PµP¶PSPs PIC-Pr CĤC-PIPSCĬ
PiP»CĤPePsP·Pë.

вĤ B B P·PĭC-P·PsPrPë PiC-PĭPsPiP»C-PePµPjC-C— P· CĤC-PIPSPµPj PiP»CĤPePsP·Pë
< 54 PjPi/PrP» (3 PjPjPsP»CH/P») PIPëP·PSP°C±P°P»PëCÍ'CĬ CĬPe PµPĭC-P·PsPrPë
PiC-PĭPsPiP»C-PePµPjC-C—, C%oPs PIC-PrPĭPsPIC-PrP°P»Pë PeCĤPëC,PµCĤC-CĬPj CĤC-PIPSCĬ
PiP»CĤPePsP·Pë, P° C,P°PePsP¶ PSpµ P±CÍ'P»Pë PePIP°P»C-C,,C-PePsPIP°PSC- CĬPe
PµPĭC-P·PsPrPë C,CĬP¶PePsPiPs CÍ'C,CrPĭPµPSCĬ.

вĤŸB B PµPµPŸ вĤ“ PĭPµCĤPsCĤP°P»CHbPSP° PĭCĤPsC,PëPrC-P°P±PµC,PëC±PSP°
C,PµCĤP°PĭC-CĬ.

PJ PrPsCÍ'P»C-PrP¶PµPSPSC- DECLARE PµPĭC-P·PsPrPë PiC-PĭPsPiP»C-PePµPjC-C—
C,CĬP¶PePsPiPs CÍ'C,CrPĭPµPSCĬ CÍ'PĭPsCÍ'C,PµCĤC-PiP°P»PëCÍ'CĬ Cr 58 (0,7 %) P· 8574
PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjCrPIP°P»Pë P»C-PeCÍ'PIP°PSPSCĬ
PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C- 10 PjPi, C,P° Cr 83 (1,0 %) P· 8569
PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjCrPIP°P»Pë PĭP»P°C†PµP±Ps.

P“CĤPëP±PePsPIC- C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI

PJ PrPsCÍ'P»C-PrP¶PµPSPSCĬC... PePsPSC,CĤPsP»CĤ PiP»C-PePµPjC-C— PiCĤPëP±PePsPIC-
C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI C±P°CÍ'C,C-C€Pµ P±CÍ'P»Pë
P·P°CĤPµC"CÍ'C,CĤPsPIP°PSC- Cr CĤP°P·C- P»C-PeCÍ'PIP°PSPSCĬ
PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj. P“CĤPëP±PePsPIC- C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC...
PsCĤPiP°PSC-PI Cr 12 PĭP»P°C†PµP±Ps-PePsPSC,CĤPsP»CHbPsPIP°PSPëC...
PrPsCÍ'P»C-PrP¶PµPSPSCĬC... CÍ'PĭPsCÍ'C,PµCĤC-PiP°P»PëCÍ'CĬ Cr 0,9 % PĭP°C†C-C"PSC,C-PI,
CĬPeC- PsC,CĤPëPjCrPIP°P»Pë PĭP»P°C†PµP±Ps, Cr 5,7 % PĭP°C†C-C"PSC,C-PI, CĬPeC-
PsC,CĤPëPjCrPIP°P»Pë P»C-PeCÍ'PIP°PSPSCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C-
5 PjPi, C- Cr 4,8 % PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjCrPIP°P»Pë P»C-PeCÍ'PIP°PSPSCĬ
PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C- 10 PjPi. P§PµCĤPµP· CĤPsP·PIPëC,PsPe
C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI PrPsCÍ'C,CĤPsPePsPiPs
PiCĤPëPĭPëPSPëP»Pë CrC±P°CÍ'C,CH Cr PrPsCÍ'P»C-PrP¶PµPSPSC- 0 % PĭP°C†C-C"PSC,C-PI,
CĬPeC- PsC,CĤPëPjCrPIP°P»Pë PĭP»P°C†PµP±Ps, C- 0,2 % PĭP°C†C-C"PSC,C-PI, CĬPeC-
PsC,CĤPëPjCrPIP°P»Pë P»C-PeCÍ'PIP°PSPSCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C-
10 PjPi. P†PSC,,PµPeC†C-C— C±P°CÍ'C,C-C€Pµ CÍ'PĭPsCÍ'C,PµCĤC-PiP°P»PëCÍ'CĬ Cr P¶C-PSPsPe,
P°PSC-P¶ Cr C±PsP»PsPIC-PeC-PI (PrPëPI. C,P°P±P»PëC†CĤ 7). PkP°PNëP±C-P»CHbC€
C±P°CÍ'C,PëPjPë PiCĤPëP±PePsPIPëPjPë C-PSC,,PµPeC†C-CĬPjPë CÍ'C,P°C,PµPIPëC...
PsCĤPiP°PSC-PI, PiCĤPs CĬPeC- PĭPsPIC-PrPsPjP»CĬP»PsCÍ'CHb, P±CÍ'P»Pë
PICÍ'P»CHbPiPsPIP°PiC-PSP°P»CHbPSC- PiCĤPëP±PePsPIC- C-PSC,,PµPeC†C-C— Cr P¶C-PSPsPe
C- P±P°P»P°PSC-C, Cr C±PsP»PsPIC-PeC-PI. PJ PĭP°C†C-C"PSC,C-PI C-P· PiCĤPëP±PePsPIPëPjPë
C-PSC,,PµPeC†C-CĬPjPë CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI PI P°PSP°PjPSPµP·C-
C±P°CÍ'C,C-C€Pµ P±CÍ'P»Pë P·P°CĤPµC"CÍ'C,CĤPsPIP°PSC- PiCĤPëP±PePsPIC-
C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI PĭC-Pr C±P°CÍ'
PrPsCÍ'P»C-PrP¶PµPSPSCĬ, PSC-P¶ Cr PĭP°C†C-C"PSC,C-PI, Cr CĬPePëC... PI P°PSP°PjPSPµP·C-
C,P°PeC- C-PSC,,PµPeC†C-C— P±CÍ'P»Pë PIC-PrCÍ'CrC,PSC- (10,0 %, 23,1 % C- 25,0 %
PĭPsCĤC-PIPSCĬPSPs P· 0,8 %, 5,9 % C- 5,0 % Cr PiCĤCrPiC- P·P°CÍ'C,PsCÍ'CrPIP°PSPSCĬ
PĭP»P°C†PµP±Ps, PrP°PĭP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP·C- 5 PjPi C-
PrP°PĭP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP·C- 10 PjPi PIC-PrPĭPsPIC-PrPSPs). PJ
PrPsCÍ'P»C-PrP¶PµPSPSC- B DECLARE CÍ'PµCĤPNëPsP·PSC- PiCĤPëP±PePsPIC-
C-PSC,,PµPeC†C-C— CÍ'C,P°C,PµPIPëC... PsCĤPiP°PSC-PI P±CÍ'P»Pë
P·P°CĤPµC"CÍ'C,CĤPsPIP°PSC- Cr < 0,1 % PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjCrPIP°P»Pë

P»C-PeCfPIP°PSPSCl PpP°PpP°PiP»C-C,,P»PsP·PëPSPsPj Cí PrPsP·C- 10 PjPi, C,P° Cí < 0,1 %
PpP°C†C-C"psc,C-PI, ClPeC- PsC,CtjPëPjCfPIP°P»Pë PpP»P°C†PpP±Ps. P"CtjPëP±PePsPIC-
C-PSC,,PpPeC†C-C— CíC,P°C,PpPIPëC... PsCtjPiP°PSC-PI, C%Ps CíC,P°P»Pë PíCtjPëC†PëPSPsCtj
PíCtjPëPíPëPSPpPSPSCl P·P°CíC,PsCíCfPIP°PSPSCl PpPsCíP»C-PpP¶CíPIP°PSPsPiPs
P»C-PeP°CtjCíCtjPePsPiPs P·P°CíPsP±Cí, P±CíP»Pë P·P°CtjPpC"CíC,CtjPsPIP°PSC- Cí 0,9 %
PpP°C†C-C"psc,C-PI, ClPeC- PsC,CtjPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCl
PpP°PpP°PiP»C-C,,P»PsP·PëPSPsPj Cí PrPsP·C- 10 PjPi, C,P° Cí < 0,1 % PpP°C†C-C"psc,C-PI,
ClPeC- PsC,CtjPëPjCfPIP°P»Pë PpP»P°C†PpP±Ps.

P PpP°PeC†C-C— PiC-PpPpCtjC†CzC,P»PëPiPsCíC,C-

PpC-Pr C†P°Cí P»C-PeCfPIP°PSPSCl PpP°PpP°PiP»C-C,,P»PsP·PëPSPsPj
PpPsPIC-PrPsPjP»ClP»PsCíCl PíCtjPs CtjPpP°PeC†C-C— PiC-PpPpCtjC†CíC,P»PëPiPsCíC,C-
(PSP°PíCtjPëPeP»P°Pr, P°PSPiC-PsPSPpPICtjPsC,PëC†PSPëPn PSP°P±CtjClPe,
PeCtjPsPíPëPíw[™] ClPSPeP°, PíC-PrPIPëC%PpPSP° C†CíC,P»PëPIC-CíC,Ctj PrPs
P»C-PeP°CtjCíCtjPePsPiPs P·P°CíPsP±Cí). PpC-Pr C†P°Cí PeP»C-PSC-C†PSPëC...
PpPsCíP»C-PpP¶PpPSCtj PiP»C-PePpPjC-C†PSPsPiPs PePsPSC,CtjPsP»Ctj CíPpCtjPnPsP·PSC-
P°PSP°C,,C-P»P°PeC,PëC†PSC- CtjPpP°PeC†C-C— C- C,ClP¶PeC- PpPsP±C-C†PSC-
CtjPpP°PeC†C-C— P· P±PsPeCí C€PeC-CtjPë C,P° PIPëPpP°PrPePë
P°PSPiC-PsPSPpPICtjPsC,PëC†PSPsPiPs PSP°P±CtjClPeCí CíPpPsCíC,PpCtjC-PiP°P»PëCíCí Cí
0,2 % PpP°C†C-C"psc,C-PI, ClPeC- PsC,CtjPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCl
P»C-PeP°CtjCíCtjPePëPj P·P°CíPsP±PsPj PpPsCtjC-PIPSClPSPSCl, C- Cí 0,3 %
PpP°C†C-C"psc,C-PI, ClPeC- PsC,CtjPëPjCfPIP°P»Pë P»C-PeCfPIP°PSPSCl
PpP°PpP°PiP»C-C,,P»PsP·PëPSPsPj. PíPeC%Ps PIPëPSPëPeP°CtjC,Ctj CtjPpP°PeC†C-C—
PiC-PpPpCtjC†CíC,P»PëPiPsCíC,C-, PSPpPsP±C...C-PrPSPs PíCtjPëPíPëPSPëC,Pë
P·P°CíC,PsCíCfPIP°PSPSCl PpP°PpP°PiP»C-C,,P»PsP·PëPSCí; P»C-PeCfPIP°PSPSCl
PíCtjPsPiPsPrClj,Ctj PIC-PrPpPsPIC-PrPSPs PrPs CíC,P°PSPpP°CtjC,Cí PSP°PrP°PSPSCl
PjPpPrPëC†PSPsC— PrPsPiPsPjPsPiPë PrPs P·PSPëPePSPpPSPSCl CíPëPjPiC,PsPjC-PI.

PpPpC,PsP°C†PëPrPsP·

Pj PrPsCíP»C-PrP¶PpPSPSC- DECLARE PíCtjPs ClPIPëC%P° PrC-P°P±PpC,PëC†PSPsPiPs
PePpC,PsP°C†PëPrPsP·Cí (P"pPp) PpPsPIC-PrPsPjP»ClP»PsCíCl Cí 27 P· 8574
PpP°C†C-C"psc,C-PI PíCtjCíPíPë P»C-PeCfPIP°PSPSCl PpP°PpP°PiP»C-C,,P»PsP·PëPSPsPj C,P° Cí
12 P· 8569 PpP°C†C-C"psc,C-PI PíCtjCíPíPë PpP»P°C†PpP±Ps. PŸPpPsCíC,PpCtjPpP¶CíPIP°PSC-
PpPiC-P·PsPrPë CtjC-PIPSsPjC-CtjPSPs CtjPsP·PpPsPrC-P»PëP»PëCíCl PíCtjPsC,ClPiPsPj
PpPpCtjC-PsPrCí PrPsCíP»C-PrP¶PpPSPSCl.

P>P°P±PsCtjP°C,PsCtjPSC- PrPsCíP»C-PrP¶PpPSPSCl

*P—P±C-P»ChC€PpPSPSCl CtjC-PIPS-C PI PeCtjPpP°C,PëPSC-PSCz PI CíPëCtjPsPIP°C,C†C-
PeCtjPsPIC- C,P° P·PjPpPSC€PpPSPSCl CtjPëPpPα*

P"°PpP°PiP»C-C,,P»PsP·PëPS

PpPsC†P°C,PsPe P»C-PeCfPIP°PSPSCl C-PSPiC-P±C-C,PsCtjP°PjPë PkP—PpPŸP"2,
PIPeP»CtjC†P°CtjC†Pë PrP°PpP°PiP»C-C,,P»PsP·PëPS, CíPíCtjPëC†PëPSClC" PSPpP·PSP°C†PSPp
PíC-PrPIPëC%PpPSPSCl CtjC-PIPS-PI PeCtjPpP°C,PëPSC-PSCí PI CíPëCtjPsPIP°C,C†C-
PeCtjPsPIC- C,P° P·PjPpPSC€PpPSPSCl CtjPëPpPα. PíC- P·PjC-PSPë CtjC-PIPSl
PeCtjPpP°C,PëPSC-PSCí PI CíPëCtjPsPIP°C,C†C- PeCtjPsPIC- C,P° CtjPëPpPα P·P°P·PIPëC†P°Pn
PIC-PrP±CíPIP°CtjC,CtjCíCl PíCtjPsC,ClPiPsPj PrPiPsC... C,PëP¶PSC-PI PíC-CíP»Cl
PpPsC†P°C,PeCí C,PpCtjP°PiC-C—, P° PpPsC,C-Pj CíC,P°P±C-P»C-P·CíCtjC,CtjCíCl

PSPμP·P°P»PμP¶PSPs PIC-Pr PIPëC...C-PrPSPsPiPs CḡC-PIPSCḡ C,,CfPSPeC†C-C— PSPëCḡPsPe.
P—PjC-PSPë, CḡPeC- PSPμ PIC-PrPiPsPIC-PrP°CḡC,CH C†C-PNḡ PeP°CḡC,PëPSC-,
PiPsPIPëPSPSC- C†PiPsPSC†PeP°C,Pë PrPs PiPsPrP°P»CHC€PsPiPs PsP±C†C,PμP¶PμPSPSCḡ
PrP»Cḡ PIPëPeP»CḡC†PμPSPSCḡ PjPsP¶P»PëPIPsC†C,C- PiPsC†C,CḡPsPiPs C†CḡP°P¶PμPSPSCḡ
PSPëCḡPsPe (PrPëPI. CḡPsP·PrC-P» B«PhC†PsP±P»PëPIPsC†C,C-
P·P°C†C,PsC†C†PIP°PSPSCḡB»). Pj PrPIPsC... PrPsC†P»C-PrP¶PμPSPSCḡC... P·P° C†C†P°C†C,C-
PiP°C†C-C”PSC,C-PI P· C†C†PeCḡPsPIPëPj PrC-P°P±PμC,PsPj 2-PiPs C,PëPiC† P·
PiPsCḡC†C€PμPSPSCḡPj C,,CfPSPeC†C-C— PSPëCḡPsPe PiPsPjC-CḡPSPsPiPs C†C,C†PiPμPSCḡ
C,CḡP¶PePsC†C,C- PiPsC†C,CḡPëPNḡ PIPiP»PëPI PSP° CḡPëPḡPα P·PSPëPeP°PI PiC-C†P»Cḡ
PiCḡPëPiPëPSPμPSPSCḡ P»C-PeC†PIP°PSPSCḡ, C%Ps C†PIC-PrC†PëC,CH PiCḡPs C,Pμ, C%Ps
PiPsC†C,CḡC- PiPμPjPsPrPëPSP°PjC-C†PSC- P·PjC-PSPë PjPsP¶C†C,CH PIC-PrC-PiCḡP°PIP°C,Pë
PiPμPIPSC† CḡPsP»CH C† P·PjC-PSP°C... C,,CfPSPeC†C-C— PSPëCḡPsPe, CḡPeC-
C†PiPsC†C,PμCḡC-PiP°CḡC,CHC†Cḡ PiCḡPë P·P°C†C,PsC†C†PIP°PSPSC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSC†.

P—P±C-P»CHC€PμPSPSCḡ PiPμPjP°C,PsPeCḡPëC,Cé

P”P°PiP°PiP»C-C,,P»PsP·PëPS

P’ PsP±Bḡ™ C”PrPSP°PSC-PNḡ PiCḡC†PiC- PiP°C†C-C”PSC,C-PI, CḡPeC- P±CḡP°P»Pë
C†C†P°C†C,CH C† 13 PiP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPëC...
PrPsC†P»C-PrP¶PμPSPSCḡC... PiP»C-PePμPjC-C†PSPsPiPs PePsPSC,CḡPsP»Cḡ,
P·P±C-P»CHC€PμPSPSCḡ PiPsCḡC-PIPSCḡPSPs P· PIPëC...C-PrPSPëPj CḡC-PIPSPμPj
C†PμCḡPμPrPSC-C... PiPsPeP°P·PSPëPeC-PI PiPμPjP°C,PsPeCḡPëC,C†
C†PiPsC†C,PμCḡC-PiP°P»PsC†Cḡ C† PiP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjC†PIP°P»Pë
P»C-PeC†PIP°PSPSCḡ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj, PiPsC†PëPSP°CḡC†Pë P· C,PëP¶PSCḡ 1,
C- C,CḡPëPIP°P»Ps PrPs C,PëP¶PSCḡ 16, PePsP»Pë CḡC-P·PSPëC†Cḡ PjC-P¶
C†PμCḡPμPrPSC-PjPë PiPsPeP°P·PSPëPeP°PjPë PiPμPjP°C,PsPeCḡPëC,C† PiPsCḡC-PIPSCḡPSPs
P· C†PμCḡPμPrPSC-PjPë PiPsPeP°P·PSPëPeP°PjPë PiPμPjP°C,PsPeCḡPëC,C† PSP°
PIPëC...C-PrPSPsPjC† CḡC-PIPSC- PrPsC†CḡPiP»P° PjP°PeC†PëPjP°P»CHPSPëC...
P·PSP°C†PμPSCḡ. PkP° C,PëP¶PSC- 24 C†PμCḡPμPrPSC- PIC-PrC...PëP»PμPSPSCḡ
PiPsPeP°P·PSPëPeC-PI PiPμPjP°C,PsPeCḡPëC,C† PiPsCḡC-PIPSCḡPSPs P· PIPëC...C-PrPSPëPj
CḡC-PIPSPμPj C†C,P°PSPsPIPëP»Pë -0,33 % C† PiCḡC†PiC- P·P°C†C,PsC†C†PIP°PSPSCḡ
PiP»P°C†PμP±Ps C- 2,30 % C† PiCḡC†PiC- P»C-PeC†PIP°PSPSCḡ
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj C† PrPsP·C- 10 PjPi. PkP° C,PëP¶PSC- 24 PiPsPeP°P·PSPëPePë
PiPμPjP°C,PsPeCḡPëC,C† PSP° CḡC-PIPSC- > 55 % P±C†P»Pë P·P°CḡPμC”C†C,CḡPsPIP°PSC- PI
0,4 % PiP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjC†PIP°P»Pë PiP»P°C†PμP±Ps, C- PI 1,3 %
PiP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSCḡ
PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj C† PrPsP·C- 10 PjPi.

P—P±C-P»CHC€PμPSPSCḡ CḡC-PIPSC-PI C...PsP»PμC†C,PμCḡPëPSCé
P»C-PiPsPiCḡPsC,PμC—PSC-PI PSPëP·CHPePsC— C%C-P»CHPSPsC†C,C-

P”P°PiP°PiP»C-C,,P»PsP·PëPS

P’ PsP±Bḡ™ C”PrPSP°PSC-PNḡ PiCḡC†PiC- PiP°C†C-C”PSC,C-PI, CḡPeC- P±CḡP°P»Pë
C†C†P°C†C,CH C† 13 PiP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPëC...
PrPsC†P»C-PrP¶PμPSPSCḡC... PiP»C-PePμPjC-C†PSPsPiPs PePsPSC,CḡPsP»Cḡ, P·PjC-PSP°
PiPsCḡC-PIPSCḡPSPs P· PIPëC...C-PrPSPëPj CḡC-PIPSPμPj C†PμCḡPμPrPSC-C...
P·PSP°C†PμPSCḡ PiPsPeP°P·PSPëPeC-PI P»C-PiC-PrPSPsPiPs PsP±PjC-PSC†
C†PiPsC†C,PμCḡC-PiP°P»P°C†CH PI PiCḡC†PiC- PiP°C†C-C”PSC,C-PI, CḡPeC-
PsC,CḡPëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSCḡ PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj,

PĭPsCĤC-PIPSCĬPSPs P· PĭP°C†C-C" PSC,P°PjPë, CĬPeC- PsC,CĤPëPjC†PIP°P»Pë
 PĭP»P°C†Pμ±Ps. PŸPμCĤPμPrPSC-PNē PIC-PrCĬPsC,PsPe PĭPsCĤC-PIPSCĬPSPs P·
 PIPëC...C-PrPSPëPj CĤC-PIPSPμPj PSP° C,PëP¶PSC- 24 P·PjC-PSPëPICĬCĬ PSP° 0,0 %
 PĭPsCĤC-PIPSCĬPSPs P· 2,5 % PrP»CĬ P·P°PĭP°P»CHbPSPsPiPs C...PsP»PμCĬC,PμCĤPëPSC† C-
 PSP° -1,0 % PĭPsCĤC-PIPSCĬPSPs P· 2,9 % PrP»CĬ C...PsP»PμCĬC,PμCĤPëPSC† P·PμPĶP© C†
 PiCĤC†PiC- P·P°CĬC,PsCĬC†PIP°PSPSCĬ PĭP»P°C†Pμ±Ps C- PiCĤC†PiC- P»C-PeC†PIP°PSPSCĬ
 PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj C† PrPsP·C- 10 PjPi PIC-PrPĭPsPIC-PrPSPs. Pj
 PrPsCĬP»C-PrP¶PμPSPSC- DECLARE C†PμCĤPμPrPSC- B P·PSP°C†PμPSPSCĬ
 B PĭPsCĤC-PIPSCĬPSPs B P· B PIPëC...C-PrPSPëPj B CĤC-PIPSPμPj B C†PμCĤPμP· B 4 CĤPsPePë
 P·PjC-PSPëP»PëCĬCĬ PSP° 0,4 PjPi/PrP» PiCĤPsC,Pë -4,1 PjPi/PrP» PrP»CĬ
 P·P°PĭP°P»CHbPSPsPiPs C...PsP»PμCĬC,PμCĤPëPSC†, PSP° -2,5 PjPi/PrP» PiCĤPsC,Pë
 -4,4 PjPi/PrP» PrP»CĬ C...PsP»PμCĬC,PμCĤPëPSC† P·PμPĶP© C† PiCĤC†PiC-
 P»C-PeC†PIP°PSPSCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPSPsPj C† PrPsP·C- 10 PjPi C,P°
 PĭP»P°C†Pμ±Ps PIC-PrPĭPsPIC-PrPSPs.

PμPsPSC†PμPSC,CĤP°C†C-C— PIC-C,P°PjC-PSCž B₁₂

PμPμC,C,,PsCĤPjC-PSCž PiC-PrCĤPsC...P»PsCĤPëPr

PμC-Pr C†P°CĬ PeP»C-PSC-C†PSPëC... PrPsCĬP»C-PrP¶PμPSCHb P·P°CĬC,PsCĬC†PIP°PSPSCĬ
 PjPμC,C,,PsCĤPjC-PSC†, C°%Ps C,CĤPëPIP°P»Pë PiCĤPsC,CĬPiPsPj 29 C,PëP¶PSC-PI,
 PiCĤPëP±P»PëP·PSPs C† 7 % PĭP°C†C-C" PSC,C-PI CĬPiPsCĬC,PμCĤC-PĭP°P»PsCĬCĬ
 P·PjPμPSC€PμPSPSCĬ CĤC-PIPSC-PI PIC-C,P°PjC-PSC† B₁₂ C† CĬPëCĤPsPIP°C,C†C- PeCĤPsPIC-
 PSPëP¶C†Pμ PSPSCĤPjPë.

P"PsCĬPIC-Pr PĭC-CĬP»CĬCĤPμC"CĬC,CĤP°C†C-PNēPSPsPiPs P·P°CĬC,PsCĬCžPIP°PSPSCĬ

P"P°PĭP°PiP»C-C,,P»PsP·PëPS

PμCĤPsC,CĬPiPsPj PĭC-CĬP»CĬCĤPμC"CĬC,CĤP°C†C-PNēPSPsPiPs PĭPμCĤC-PsPrC†
 P·P°CĬC,PsCĬC†PIP°PSPSCĬ PrP°PĭP°PiP»C-C,,P»PsP·PëPSC† PIPëCĬPIP»PμPSPs
 PrPsPrP°C,PePsPIC- PĭPsP±C-C†PSC- CĤPμP°PeC†C-C—. PhCĬPeC-P»CHbPePë PrP°PSC- PĭCĤPs
 C†C- CĤPμP°PeC†C-C— PsC,CĤPëPjC†CĤC,CHCĬCĬ C† PIPëPiP»CĬPrC-
 PrPsP±CĤPsPIC-P»CHbPSPëC... PĭPsPIC-PrPsPjP»PμPSCHb PIC-Pr PĭPsPiC†P»CĬC†C-C—
 PSPμPIC-PrPsPjPsC— C†PëCĬPμP»CHbPSPsCĬC,C-, P·P°P·PIPëC†P°PNē PSPμPjPsP¶P»PëPiPs
 PrPsCĬC,PsPIC-CĤPSPs PsC†C-PSPëC,Pë C†P°CĬC,PsC,C† C—C... PIPëPSPëPePSPμPSPSCĬ
 P°P±Ps PICĬC,P°PSPsPIPëC,Pë P·PiBĤ™ CĬP·PsPe C-P· P·P°CĬC,PsCĬC†PIP°PSPSCĬPj
 P»C-PeP°CĤCĬCHbPePsPiPs P·P°CĬPsP±C†.

P†PSC,,PμPeC†C-C—: PSPμPeCĤPsC,PëC†PSPëPNē C,,P°CĬC†C-C—C, PiCĤPsPjPμP¶PëPSPë
(PiP°PSPiCĤPμPSP° PαC†CĤPSCĤC"), C†CĤPsCĬPμPĭCĬPëCĬ C,P° PĭC-C"P»PsPSPμC,,CĤPëC,.

P PsP·P»P°PrPë PjPμC,P°P±PsP»C-P·PjCž C,P° C...P°CĤC†CžPIP°PSPSCĬ: PePμC,PsP°C†PëPrPsP·.

P PsP·P»P°PrPë PSPëCĤPsPe C,P° CĬPμC†PsPIPëPrC-P»PμPSPSCĬ: PiPsCĬC,CĤPμ
C†CĤP°P¶PμPSPSCĬ PSPëCĤPsPe.

P—P°C...PIPSCĤCĤPIP°PSPSCĬ C€PeC-CĤPë C,P° PĭC-PrC€PeC-CĤPSPsC—
PeP»C-C,PePsPIPëPSPë: PIPëCĬPëPĭ.

PμPμC,C,,PsCĤPjC-PSCž PiC-PrCĤPsC...P»PsCĤPëPr

$P''P_{\mu}P_{\dot{I}}P^{\circ}C, P_sP_{\pm}C-P \gg C-P^{\circ}C_{\dot{H}}PSC- C_{\dot{H}}P_sP \cdot P \gg P^{\circ}PrP_{\ddot{e}}: C \dots P_sP \gg P_{\mu}C_{\dot{I}}C, P^{\circ}C, P_{\ddot{e}}C_{\dot{+}}PSP_{\mu},$
 $P_{\dot{I}}P_{\mu}P_{\dot{I}}P^{\circ}C, P_sC_{\dot{+}}P_{\mu}P \gg C_{\dot{H}}P \gg C_{\dot{I}}C_{\dot{H}}PSP_{\mu} C, P^{\circ} P \cdot P_jC-C_{\dot{e}}P^{\circ}PSP_{\mu} P_{\dot{I}}P_{\mu}P_{\dot{I}}P^{\circ}C, P_sC_{\dot{+}}P_{\mu}P \gg C_{\dot{H}}P \gg C_{\dot{I}}C_{\dot{H}}PSP_{\mu}$
 $C_{\dot{f}}C_{\dot{H}}P^{\circ}P_{\dot{I}}P_{\mu}PSPSC_{\dot{I}} P_{\dot{I}}P_{\mu}C_{\dot{+}}C-PSPeP_{\ddot{e}}.$

$P_{\mu}P_sPIC-PrP_sP_jP \gg P_{\mu}PSPSC_{\dot{I}} P_{\dot{I}}C_{\dot{H}}P_s P_{\dot{I}}C-PrP_sP \cdot C_{\dot{H}}C_{\dot{H}}PIP^{\circ}PSC- P_{\dot{I}}P_sP_{\pm}C-C_{\dot{+}}PSC-$
 $C_{\dot{H}}P_{\mu}P^{\circ}PeC_{\dot{+}}C-C-$

$P_{\mu}P_sPIC-PrP_sP_jP \gg P_{\mu}PSPSC_{\dot{I}} P_{\dot{I}}C_{\dot{H}}P_s P_{\dot{I}}P_sP_{\pm}C-C_{\dot{+}}PSC- C_{\dot{H}}P_{\mu}P^{\circ}PeC_{\dot{+}}C-C- P_{\dot{I}}C-C_{\dot{I}}P \gg C_{\dot{I}}$
 $B C_{\dot{H}}P_{\mu}C''C_{\dot{I}}C, C_{\dot{H}}P^{\circ}C_{\dot{+}}C-C- P \gg C-PeP^{\circ}C_{\dot{H}}C_{\dot{I}}CHPeP_sP_{\dot{I}}P_s P \cdot P^{\circ}C_{\dot{I}}P_sP_{\pm}C_{\dot{f}} P_jP^{\circ}C'' PIP^{\circ}P_{\dot{I}}P \gg P_{\ddot{e}}PIP_{\mu}$
 $P \cdot PSP^{\circ}C_{\dot{+}}P_{\mu}PSPSC_{\dot{I}}. P_{\dot{I}}P_{\mu} PrP^{\circ}C'' P \cdot P_jP_sP_{\dot{I}}C_{\dot{f}} P_{\dot{I}}C_{\dot{H}}P_sPIP_sPrP_{\ddot{e}}C, P_{\ddot{e}} P_jP_sPSC-C, P_sC_{\dot{H}}P_{\ddot{e}}PSP_{\dot{I}}$
 $C_{\dot{I}}P_{\dot{I}}C-PIPIC-PrPSP_sC_{\dot{e}}P_{\mu}PSPSC_{\dot{I}} PeP_sC_{\dot{H}}P_{\ddot{e}}C_{\dot{I}}C, CH/C_{\dot{H}}P_{\ddot{e}}P \cdot P_{\ddot{e}}Pe P_{\dot{I}}C_{\dot{H}}P_{\ddot{e}}$
 $P \cdot P^{\circ}C_{\dot{I}}C, P_sC_{\dot{I}}C_{\dot{f}}PIP^{\circ}PSPSC- C_{\dot{+}}CHPeP_sP_{\dot{I}}P_s P \gg C-PeP^{\circ}C_{\dot{H}}C_{\dot{I}}CHPeP_sP_{\dot{I}}P_s P \cdot P^{\circ}C_{\dot{I}}P_sP_{\pm}C_{\dot{f}}.$
 $P_{\dot{H}}P_{\mu}PrP_{\ddot{e}}C_{\dot{+}}PSP_{\ddot{e}}P_j C, P^{\circ} C, P^{\circ}C_{\dot{H}}P_jP^{\circ}C_{\dot{+}}P_{\mu}PIC, P_{\ddot{e}}C_{\dot{+}}PSP_{\ddot{e}}P_j P_{\dot{I}}C_{\dot{H}}P^{\circ}C_{\dot{+}}C-PIPSP_{\ddot{e}}PeP^{\circ}P_j, P^{\circ}$
 $C, P^{\circ}PeP_sP_{\dot{I}} P_{\dot{I}}P^{\circ}C_{\dot{+}}C-C''PSC, P^{\circ}P_j P^{\circ}P_{\pm}P_s C-C \dots PSC-P_j P \cdot P^{\circ}PeP_sPSPSP_{\ddot{e}}P_j$
 $P_{\dot{I}}C_{\dot{H}}P_{\mu}PrC_{\dot{I}}C, P^{\circ}PIPSP_{\ddot{e}}PeP^{\circ}P_j C_{\dot{I}}P \gg C-Pr P_{\dot{I}}P_sPIC-PrP_sP_jP \gg C_{\dot{I}}C, P_{\ddot{e}} P_{\dot{I}}C_{\dot{H}}P_s C_{\dot{f}}C_{\dot{I}}C-$
 $PIP_{\ddot{e}}P_{\dot{I}}P^{\circ}PrP_{\ddot{e}} P_{\dot{I}}C-PrP_sP \cdot C_{\dot{H}}C_{\dot{H}}PIP^{\circ}PSP_{\ddot{e}}C \dots P_{\dot{I}}P_sP_{\pm}C-C_{\dot{+}}PSP_{\ddot{e}}C \dots C_{\dot{H}}P_{\mu}P^{\circ}PeC_{\dot{+}}C-PN_{\dot{e}} C, P^{\circ}$
 $PIC-PrC_{\dot{I}}C_{\dot{f}}C, PSP_sC_{\dot{I}}C, C- P_{\mu}C, P_{\mu}PeC, P_{\ddot{e}}PIPSP_sC_{\dot{I}}C, C- P \gg C-PeP^{\circ}C_{\dot{H}}C_{\dot{I}}CHPeP_sP_{\dot{I}}P_s P \cdot P^{\circ}C_{\dot{I}}P_sP_{\pm}C_{\dot{f}}$
 $C_{\dot{+}}P_{\mu}C_{\dot{H}}P_{\mu}P \cdot P_{\dot{H}}PIC, P_sP_jP^{\circ}C, P_{\ddot{e}}P \cdot P_sPIP^{\circ}PSC_{\dot{f}} C-PSC, P_sC_{\dot{H}}P_jP^{\circ}C_{\dot{+}}C-PN_{\dot{e}}PSC_{\dot{f}} C_{\dot{I}}P_{\ddot{e}}C_{\dot{I}}C, P_{\mu}P_jC_{\dot{f}} P \cdot$
 $C, P^{\circ}C_{\dot{H}}P_jP^{\circ}PeP_sPSP^{\circ}P_{\dot{I}}P \gg C_{\dot{I}}PrC_{\dot{f}} P \cdot P^{\circ} P_{\dot{I}}P_sC_{\dot{I}}P_{\ddot{e}}P \gg P^{\circ}PSPSC_{\dot{I}}P_j: <https://aisf.dec.gov.ua>.$

$P_{\dot{Y}}P_{\mu}C_{\dot{H}}P_jC-PS P_{\dot{I}}C_{\dot{H}}P_{\ddot{e}}PrP^{\circ}C, PSP_sC_{\dot{I}}C, C-.$

3 $C_{\dot{H}}P_sPeP_{\ddot{e}}.$

$P_jP_jP_sPIP_{\ddot{e}} P \cdot P_{\pm}P_{\mu}C_{\dot{H}}C-P_{\dot{I}}P^{\circ}PSPSC_{\dot{I}}.$

$P-P_{\pm}P_{\mu}C_{\dot{H}}C-P_{\dot{I}}P^{\circ}C, P_{\ddot{e}} P_{\dot{I}}C_{\dot{H}}P_{\ddot{e}} C, P_{\mu}P_jP_{\dot{I}}P_{\mu}C_{\dot{H}}P^{\circ}C, C_{\dot{f}}C_{\dot{H}}C- PSP_{\ddot{e}}P_{\dot{I}}C_{\dot{+}}P_{\mu} 25^{\circ}P_{\dot{Y}}.$
 $P-P_{\pm}P_{\mu}C_{\dot{H}}C-P_{\dot{I}}P^{\circ}C, P_{\ddot{e}} P_{\dot{I}} P_sC_{\dot{H}}P_{\ddot{e}}P_{\dot{I}}C-PSP^{\circ}P \gg CHPePSC-PN_{\dot{e}} C_{\dot{f}}P_{\dot{I}}P^{\circ}PeP_sPIC_{\dot{+}}C-.$
 $P-P_{\pm}P_{\mu}C_{\dot{H}}C-P_{\dot{I}}P^{\circ}C, P_{\ddot{e}} C_{\dot{f}} PSP_{\mu}PrP_sC_{\dot{I}}C, C_{\dot{f}}P_{\dot{I}}PSP_sP_jC_{\dot{f}} PrP \gg C_{\dot{I}} PrC-C, P_{\mu}PN_{\dot{e}} P_jC-C_{\dot{I}}C_{\dot{+}}C-.$

$P_jP_{\dot{I}}P^{\circ}PeP_sPIP_{\ddot{e}}P^{\circ}.$

$P_{\mu}P_s 7 C, P^{\circ}P_{\pm}P \gg P_{\mu}C, P_sPe C_{\dot{f}} P_{\pm}P \gg C-C_{\dot{I}}C, P_{\mu}C_{\dot{H}}C-; P_{\dot{I}}P_s 4 P_{\pm}P \gg C-C_{\dot{I}}C, P_{\mu}C_{\dot{H}}P_{\ddot{e}} C_{\dot{f}}$
 $PeP^{\circ}C_{\dot{H}}C, P_sPSPSC-PN_{\dot{e}} PeP_sC_{\dot{H}}P_sP_{\pm}C_{\dot{+}}C-.$

$P_{\dot{L}}P^{\circ}C, P_{\mu}P_{\dot{I}}P_sC_{\dot{H}}C-C_{\dot{I}} PIC-PrP_{\dot{I}}C_{\dot{f}}C_{\dot{I}}PeC_{\dot{f}}.$

$P-P^{\circ} C_{\dot{H}}P_{\mu}C_{\dot{+}}P_{\mu}P_{\dot{I}}C, P_sP_j.$

$P'P_{\ddot{e}}C_{\dot{H}}P_sP_{\pm}PSP_{\ddot{e}}Pe.$

$P_{\dot{H}}C_{\dot{I}}C, C_{\dot{H}}P^{\circ}P-P_{\mu}PSP_{\mu}PeP^{\circ} P_{\dot{X}}P^{\circ}C_{\dot{H}}P_jP^{\circ}C_{\dot{I}}CHCHC, P_{\ddot{e}}PeP^{\circ}P \gg C_{\dot{I}} P_{\dot{Y}}P_{\dot{I}} / AstraZeneca$

Pharmaceuticals LP.

**РѢС-СІС†РμР•PSP°С...PsPrP¶PμPSPSCІІ PIPёCЃPsP±PSPёPeP° C,P° P°PrCЃPμCІP°
PjC-СІС†CІІ PİCЃPsPIP°PrP¶PμPSPSCІІ PNёPsPiPs PrC-СІP»CHΉPSPsCІC,C-.**

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62 East, Mount Vernon, IN, 47620, United States.