

**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,

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

10/500 PjPi: CḡPsP¶PμPIPsPiPs PePsP»CHbPsCḡCf, PrPIPsPsPíCfPeP»P°,
PeP°PíCḡCfP»PsPíPsPrC-P±PSPsC— C,,PsCḡPjPë C,P°P±P»PμC,PeP°, PIPeCḡPëC,P°
PîP»C-PIPePsPIPsCḡ PsP±PsP»PsPSPePsCḡ, P· PiCḡP°PIC-CḡCfPIP°PSPSCḡPjB B«1072B»B
C-B B«10/500B» P· PsPrPSC-C"C— CḡC,PsCḡPsPSPë C,P° PîP»PsCḡPeP° P· C-PSC€PsC—
CḡC,PsCḡPsPSPë.

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

P«P°CḡPjP°PePsC,PμCḡP°PîPμPIC,PëC±PSP° PiCḡCfPîP°. P—P°CḡPsP±Pë PrP»Cḡ
P»C-PeCfPIP°PSPSCḡ CḡCfPeCḡPsPIPsPiPs PrC-P°P±PμC,Cf. PḡPμC,C,,PsCḡPjC-PS PI
PePsPjP±C-PSP°CḡC— P· PrP°PîP°PiP»C-C,,P»PsP·PëPSPsPj. PḡPsPr ATX A10B D15.

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

PḡPμC...P°PSC-P·Pj PrC-C—

PḡCḡC-PiPrCḡPs PμCḡPsP»PsPSPi

PḡCḡC-PiPrCḡPs PμCḡPsP»PsPSPi PîPsC"PrPSCḡC" PI CḡPsP±C- PrPIP°
PiC-PîPsPiP»C-PePμPjC-C±PSC- P·P°CḡPsP±Pë P· PjPμC...P°PSC-P·PjP°PjPë PrC-C—, C%oPs
PrPsPîPsPIPsCḡCḡC,CHb PsPrPëPS PsPrPSPsPiPs, PrP»Cḡ PîPsP»C-PíC€PμPSPSCḡ
PePsPSC,CḡPsP»Cḡ PiP»C-PePμPjC-C— Cḡ PîP°CḡC-C"PSC,C-PI P· CḡCfPeCḡPsPIPëPj
PrC-P°P±PμC,PsPj 2-PiPs C,PëPíCf: PrP°PîP°PiP»C-C,,P»PsP·PëPS, C-PSPiC-P±C-C,PsCḡ
PSP°C,CḡC-PNëPiP»CḡPePsP·PSPsPiPs PePsC,CḡP°PSCḡPîPsCḡC,PμCḡP° 2-PiPs C,PëPíCf
(C-PḡP—PḡPḡP"-2), C- PjPμC,C,,PsCḡPjC-PSCḡ PiC-PrCḡPsC...P»PsCḡPëPr, P±C-PiCḡP°PSC-Pr.

P"°PîP°PiP»C-C,,P»PsP·PëPS

PḡP°C,CḡC-PNëP·P°P»PμP¶PSPëPNë PePsC,CḡP°PSCḡPîPsCḡC,PμCḡ PiP»CḡPePsP·Pë 2-PiPs
C,PëPíCf (PḡP—PḡPḡP"-2), CḡPePëPNë PμPeCḡPíCḡPμCḡCḡC,CḡCḡCḡ PI
PíCḡPsPeCḡPëPjP°P»CHbPSPëC... PSPëCḡPePsPIPëC... PeP°PSP°P»CHbCḡCḡC...,
PIC-PrPîPsPIC-PrP°C" P·P° CḡPμP°P±CḡPsCḡP±CḡC-Cḡ P±C-P»CHbC€PsC— C±P°CḡC,PëPSPë
PIC-PrC,,C-P»CHbC,CḡPsPIP°PSPsC— PiP»CḡPePsP·Pë P· PíCḡPsCḡPIC-C,Cḡ
PeP°PSP°P»CHbCḡC-PI. P"°PîP°PiP»C-C,,P»PsP·PëPS C" C-PSPiC-P±C-C,PsCḡPsPj
PḡP—PḡPḡP"-2. PëP»CḡC...PsPj C-PSPiC-P±CḡPIP°PSPSCḡ PḡP—PḡPḡP"-2
PrP°PîP°PiP»C-C,,P»PsP·PëPS P·PjPμPSC€CḡC" CḡPμP°P±CḡPsCḡP±CḡC-Cḡ
PIC-PrC,,C-P»CHbC,CḡPsPIP°PSPsC— PiP»CḡPePsP·Pë C- P·PSPëP¶CḡC" PSPëCḡPePsPIPëPNë
PîPsCḡC-Pi PrP»Cḡ PiP»CḡPePsP·Pë, C,PëPj CḡP°PjPëPj P·P±C-P»CHbC€CḡC"
PμPeCḡPeCḡPμCḡC-Cḡ PiP»CḡPePsP·Pë C-P· CḡPμCḡPμCḡ. P"°PîP°PiP»C-C,,P»PsP·PëPS
C,P°PePsP¶ P·PSPëP¶CḡC" CḡPμP°P±CḡPsCḡP±CḡC-Cḡ 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»CfC†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»CfPePsP·Pë Cf
PïP°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,PïCfP°PSPrC-P°P»CHPSPëPNë
CfC-PIPS- PiP»CfPePsP·Pë PI PïP»P°P·PjC- PeCfPsPIC-. PµPµC,C,,PsCfPjC-PS P·PSPëP¶CfC"
CfPëPSC,PµP· PiP»CfPePsP·Pë PI PïPµC†C-PSC†C-, P·PSPëP¶CfC" PICfPjPsPeC,CfPIP°PSPSC¶
PiP»CfPePsP·Pë PI PePëC€PeC-PIPSëPeCf PNë PïC-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...PsPïP»PµPSPSC¶ PNë CfC,PëP»C-P·P°C†C-C— PiP»CfPePsP·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¶ PïP»P°P·PjPsPIPsPiPs CfC-PIPS¶ 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"°PïP°PiP»C-C,,P»PsP·PëPS

Pj P·PrPsCfPsPIPëC... CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PµPSPSC¶ C,P°
PïP°C†C-C" PSC,C-PI P· C†CfPeCfPsPIPëPj PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf PïC-CfP»C¶
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCr CfPïPsCfC,PµCfC-PiP°P»PsCfC¶
P·P±C-P»CHC€PµPSPSC¶ PeC-P»CHPePsCfC,C- PiP»CfPePsP·Pë, PIPëPIPµPrPµPSPsC— C-P·
CfPµC†PµCf. PµCfPëP±P»PëP·PSPs 70 Pi PiP»CfPePsP·Pë PIPëPIPµPrPëP»PsCfC¶ C-P·
CfPµC†PµCf P·P° PrPsP±Cf PïCfPë P·P°CfC,PsCfCfPIP°PSPSC- PrP°PïP°PiP»C-C,,P»PsP·PëPSCr
PI PrPsP·C- 5 P°P±Ps 10 PjPi PSP° PrPsP±Cf Cf PïP°C†C-C" PSC,C-PI P· C†CfPeCfPsPIPëPj
PrC-P°P±PµC,PsPj 2-PiPs C,PëPiCf PïCfPsC,C¶PiPsPj 12 C,PëP¶PSC-PI. PµP°PNëP¶Pµ
PjP°PeCfPëPjP°P»CHPSPµ PIPëPIPµPrPµPSPSC¶ PiP»CfPePsP·Pë
CfPïPsCfC,PµCfC-PiP°P»PsCfC¶ PI CfP°P·C- P·P°CfC,PsCfCfPIP°PSPSC¶
PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI PrPsP±PsPIC-PNë PrPsP·C- 20 PjPi. PÿP°PePµ
PIPëPIPµPrPµPSPSC¶ PiP»CfPePsP·Pë P· CfPµC†PµCf PïCfPë P·P°CfC,PsCfCfPIP°PSPSC-
PrP°PïP°PiP»C-C,,P»PsP·PëPSCr C,P°PePsP¶ PïCfPëP·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¶ PïCfPëPïPëPSPµPSPSC¶
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PïC-PrPIPëC%oPµPSPëPNë
PïPsPeP°P·PSPëPe PIPëPIPµPrPµPSPSC¶ PiP»CfPePsP·Pë PïPsPIPµCfC,P°C"C,CHCfC¶ PrPs
PIPëC...C-PrPSPsPiPs CfC-PIPS¶ PI CfPµCfPµPrPSCfPsPjCf P·P° 3 PrPSC-, C¶PeC%oPs
PrPsP·P° PrP°PïP°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,Cñ P·PrPsCñPsPIPëC... PsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSC¶ PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PSPµ P±CfP»Ps
PïPsPIbñ™ C¶P·P°PSPs P· PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëPj PïPsPrPsPIP¶PµPSPSC¶Pj
C-PSC,PµCñPIP°P»Cf QTc Cí CñP°P·C- P·P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°CñCfCñPePsPiPs
P·P°CfCfP±Cf PI PrPsP±PsPIPëC... PrPsP·P°C... PrPs 150 PjPi (PrPsP·P°, C¶PeP° Cí 15
CñP°P·C-PI PïPµCñPµPIPëC%CfPIP°P»P° PjP°PeCfPëPjP°P»CñPSCf
CñPµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cf). PñCñC-Pj C,PsPiPs, PeP»C-PSC-C±PSPs
P·PSP°C±CfC%PsPiPs PIPïP»PëPICr PSP° C-PSC,PµCñPIP°P» QTc PSPµ
CfPïPsCfC,PµCñC-PiP°P»PsCfC¶ PïC-CfP»C¶ P·P°CfC,PsCfCfPIP°PSPSC¶ P·PrPsCñPsPIPëPjPë
PrPsP±CñPsPIPsP»CñCfC¶PjPë PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI CñP°P·PsPIPëC...
PrPsP·P°C... PrPs 500 PjPi (PrPsP·P°, C¶PeP° PI 50 CñP°P·C-PI PïPµCñPµPIPëC%CfPIP°P»P°
PjP°PeCfPëPjP°P»CñPSCr CñPµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cf).

PαP°CñPjP°PePsPeC-PSPµC,PëPeP°.

PñCfC-PiPrC±Ps PµCñPsP»PsPSPi

P—P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°CñCfCñPePsPiPs P·P°CfCfP±Cf PñCfC-PiPrCfPs
PµCñPsP»PsPSPi P·PrPsCñPsPIPëPjPë PrPsP±CñPsPIPsP»CñCfC¶PjPë PïC-CfP»C¶
CfC,P°PSPPrP°CñC,PSPsPiPs PïCñPëPNëPsPjCf C—P¶C- PïPsCñC-PIPSC¶PSPs P·
PïCñPëPNëPsPjPsPj PSP°C,C%Pµ P·P°P±PµP·PïPµC±CfC” PsPrPSP°PePsPIPëPNë CfC,CfPïC-PSCH
PµPeCfPïPsP·PëCfC-C— PrP°PïP°PiP»C-C,,P»PsP·PëPSCr C,P° PjPµC,C,,PsCñPjC-PSCr
PïCñPsP»PsPSPiPsPIP°PSPsC— PrC-C—. PµPsCñC-PIPSC¶PSPs C-P·
P·P°CfC,PsCfCfPIP°PSPSC¶Pj P»C-PeP°CñCfCñPePsPiPs P·P°CfCfP±Cf PSP°C,C%Pµ, Cí
CñP°P·C- PNëPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶ PïC-Pr C±P°Cf CfC,P°PSPPrP°CñC,PSPsPiPs
PïCñPëPNëPsPjCf C—P¶C- CfPïPsCfC,PµCñC-PiP°C”C,CñCfC¶ P·PjPµPSC¶PµPSPSC¶
PjP°PeCfPëPjP°P»CñPSPsC— PePsPSCfPµPSC,CñP°CfC-C— PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PïP»P°P·PjC- PeCñPsPIC- PSP° 35 % C,P° P·P°C,CñPëPjPeP° PSP° 1bñ”2 PiPsPrPëPSPë C—C—
PrPsCfC¶PiPSPµPSPSC¶. PÿP°PePëPNë PIPïP»PëPI PïCñPëPNëPsPjCf C—P¶C- PSPµ
PIPIP°P¶P°C”C,CñCfC¶ PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëPj. PµCñPëPNëPsPj C—P¶C- PSPµ
C±PëPSPëC,Cñ C-CfC,PsC,PSPsPiPs PIPïP»PëPICr PSP° C,,P°CñPjP°PePsPeC-PSPµC,PëPeCf
PjPµC,C,,PsCñPjC-PSCr Cí CñP°P·C- PNëPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶ Cí CfPeP»P°PrC-
PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeP°CñCfCñPePsPiPs P·P°CfCfP±Cf PñCfC-PiPrCfPs
PµCñPsP»PsPSPi, C,P°P±P»PµC,PsPe, PIPeCñPëC,PëC... PïP»C-PIPePsPIPsCñ
PsP±PsP»PsPSPePsCñ, PïCñPsP»PsPSPiPsPIP°PSPsC— PrC-C—.

P’CfPjPsPeC,C±PIP°PSPSC¶

P”P°PïP°PiP»C-C,,P»PsP·PëPS

PµC-CfP»C¶ PïPµCñPsCñP°P»CñPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶
PjP°PeCfPëPjP°P»CñPSP° PePsPSCfPµPSC,CñP°CfC-C¶ (C_{max}) PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PïP»P°P·PjC- PeCñPsPIC-, C¶Pe PïCñP°PIPëP»Ps, PrPsCfC¶PiP°C”C,CñCfC¶ PïCñPsC,C¶PiPsPj
2 PiPsPrPëPS PïC-CfP»C¶ PïCñPëPNëPsPjCf P»C-PeP°CñCfCñPePsPiPs P·P°CfCfP±Cf
PSP°C,C%Pµ. Pj CñP°P·C- PïC-PrPIPëC%PµPSPSC¶ PrPsP·Pë PrP°PïP°PiP»C-C,,P»PsP·PëPSCr PI
PrC-P°PïP°P·PsPSC- C,PµCñP°PïPµPIC,PëC±PSPëC... PrPsP· P·PSP°C±PµPSPSC¶ C_{max} C- AUC
P·P±C-P»CñC€CfCñC,CñCfC¶ PïCñPsPiPsCñCfC-PNëPSPs P·P±C-P»CñC€PµPSPSCñ PrPsP·Pë.
PñP±CfCfP»CñC,PSP° P±C-PsPrPsCfC,CfPïPSC-CfC,Cñ PrP°PïP°PiP»C-C,,P»PsP·PëPSCr
PïC-CfP»C¶ PïPµCñPsCñP°P»CñPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSC¶
P»C-PeP°CñCfCñPePsPiPs P·P°CfCfP±Cf PI PrPsP·C- 10 PjPi CfC,P°PSPsPIPëC,Cñ 78 %.

P—P°CÍC,PsCÍCfPIP°PSPSCÍ P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf P· C—P¶PµCĤ P·
 PIPëCÍPsPePëPj PIPjC—CÍC,PsPj P¶PëCÍC—PI P·PSPëP¶CÍC" C_{max} PrP°PİP°PiP»C—C,,P»PsP·PëPSCf
 PSP° 50 % C— PİPsPrPsPIP¶CÍC" PİPsPeP°P·PSPëPe T_{max} PİCĤPëP±P»PëP·PSPs PSP°
 1 PiPsPrPëPSCf, P°P»Pµ PSPµ P·PjC—PSCĤC" PİPsPeP°P·PSPëPe AUC PİPsCĤC—PIPSCÍPSPs P·
 PİCĤPëPµPsPjPsPj P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf PSP°C,C%Pµ. P|C— P·PjC—PSPë
 PSPµ PIPİP°P¶P°CĤC,CHCÍCÍ PëP»C—PSC—C±PSPs P·PSP°C±CfC%PëPjPë C—
 PrP°PİP°PiP»C—C,,P»PsP·PëPS PjPsP¶PSP° P·P°CÍC,PsCÍPsPICfPIP°C,Pë PSPµP·P°P»PµP¶PSPs
 PIC—Pr PİCĤPëPµPsPjCf C—P¶C—.

PĥPµC,C,,PsCĤPjC—PSCż PiC—PrCĤPsC...P»PsCĤPëPr

PµC—CÍP»CÍ PsPrPSPsCĤP°P·PsPIPsPiPs PİPµCĤPsCĤP°P»CHPSPsPiPs PİCĤPëPµPsPjCf
 PjPµC,C,,PsCĤPjC—PSCf PİCĤPsP»PsPSPİPsPIP°PSPsC— PrC—C— PjPµPrC—P°PSP°
 PrPsCÍCÍPiPSPµPSPSCÍ C_{max} PrPsCĤC—PIPSCĤC" 7 PiPsPrPëPSP°Pj C,P° PjP°C"
 PrC—P°PİP°P·PsPS PIC—Pr 4 PrPs 8 PiPsPrPëPS. PŸC,CfPİC—PSCĤ PICfPjPsPeC,CfPIP°PSPSCÍ
 PjPµC,C,,PsCĤPjC—PSCf (P·P° PİPsPeP°P·PSPëPePsPj AUC) Cf CĤP°P·C— PİCĤPëPµPsPjCf
 PjPµC,C,,PsCĤPjC—PSCf PİCĤPsP»PsPSPİPsPIP°PSPsC— PrC—C— Cf PIPëPiP»CÍPrC—
 C,P°P±P»PµC,PsPe PİC—PrPIPëC%CfC"C,CHCÍCÍ PİCĤPëP±P»PëP·PSPs PSP° 50 % PİCĤPë
 PİCĤPëPµPsPjC— P· C—P¶PµCĤ. P'PİP»PëPICf C—P¶C— PSP° C_{max} C— T_{max} PjPµC,C,,PsCĤPjC—PSCf
 PSPµ CÍPiPsCÍC,PµCĤC—PiP°P»PsCÍCÍ.

P PsP·PİPsPrC—P»

P''P°PİP°PiP»C—C,,P»PsP·PëPS

P''P°PİP°PiP»C—C,,P»PsP·PëPS P·PIBĤ™ CÍP·CfC"C,CHCÍCÍ P· P±C—P»PeP°PjPë
 PİCĤPëP±P»PëP·PSPs PSP° 91 %. Pj PİP°C†C—C"PSC,C—PI P· PİPsCĤCfC€PµPSPSCÍPjPë
 C,,CfPSPeC†C—C— PSPëCĤPsPe P°P±Ps PİPµC†C—PSPePë P·PIBĤ™ CÍP·CfPIP°PSPSCÍ
 P»C—PeP°CÍCfCHPePsPiPs P·P°CÍPsP±Cf P· P±C—P»PeP°PjPë PSPµ P·PjC—PSCĤC"C,CHCÍCÍ.

PĥPµC,C,,PsCĤPjC—PSCż PiC—PrCĤPsC...P»PsCĤPëPr

P''PsCÍP»C—PrP¶PµPSPSCÍ CĤPsP·PİPsPrC—P»Cf PjPµC,C,,PsCĤPjC—PSCf
 PİCĤPsP»PsPSPİPsPIP°PSPsC— PrC—C— PSPµ PİCĤPsPIPsPrPëP»PëCÍCÍ; PİCĤPsC,Pµ
 PİC—CÍP»CÍ PsPrPSPsCĤP°P·PsPIPsPiPs PİPµCĤPsCĤP°P»CHPSPsPiPs
 P·P°CÍC,PsCÍCfPIP°PSPSCÍ PjPµC,C,,PsCĤPjC—PSCf PePsCĤPsC,PePsC— PrC—C— Cf PrPsP·C—
 850 PjPi PµPsPiPs CfCÍPIPSPëPµ PsP±BĤ™ C"Pj CĤPsP·PİPsPrC—P»Cf (V/F) CÍC,P°PSPsPIPëPI Cf
 CÍPµCĤPµPrPSCĤPsPjCf 654 B± 358 P». PĥPµC,C,,PsCĤPjC—PS PSPµP·PSP°C±PSPsCĤ
 PjC—CĤPsCĤ P·PIBĤ™ CÍP·CfC"C,CHCÍCÍ P· P±C—P»PeP°PjPë PİP»P°P·PjPë PeCĤPsPIC—, PSP°
 PIC—PrPjC—PSCf PIC—Pr CÍCfP»CHC,,PsPSC—P»CÍPµC±PsPIPëPSPë, CÍC,CfPİC—PSCĤ
 P·PIBĤ™ CÍP·CfPIP°PSPSCÍ P· P±C—P»PeP°PjPë CÍPePsC— CÍC,P°PSPsPIPëC,CH
 P±C—P»CHC€Pµ 90 %. PĥPµC,C,,PsCĤPjC—PS PİCĤPsPSPëPeP°C" PI PµCĤPëC,CĤPsC†PëC,Pë.

PĥPµC,P°P±PsP»C—P·Pj

P''P°PİP°PiP»C—C,,P»PsP·PëPS

PĥPµC,P°P±PsP»C—P·Pj PrP°PİP°PiP»C—C,,P»PsP·PëPSCf
 PsPİPsCÍPµCĤPµPrPePsPICfC"C,CHCÍCÍ PİPµCĤPµPIP°P¶PSPs UGT1A9; PjPµC,P°P±PsP»C—P·Pj,
 PsPİPsCÍPµCĤPµPrPePsPIP°PSPëPµ CYP, Cf P»CHPrPµPµ PSPµP·PSP°C±PSPëPµ.
 P''P°PİP°PiP»C—C,,P»PsP·PëPS C—PSC,PµPSCÍPëPIPS PjPµC,P°P±PsP»C—P·CfC"C,CHCÍCÍ
 PSP°CÍP°PjPİPµCĤPµPr P· CfC,PIPsCĤPµPSPSCÍPj PrP°PİP°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™ CĬP·P°PSPëPj P·
P»C-PeP°CĤCřCĤPePëPj P·P°CřPsP±PsPj.

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

P"°P°CřP»C-PrP¶PµPSPSCĬ P· PIPSCřC,CĤC-CĖPSCĤPsPIPµPSPSPëPj PIPiPµPrPµPSPSCĬPj
PsPrPSPsCĤP°P·PsPIPsC— PrPsP·Pë P·PrPsCĤPsPIPëPj PrPsP±CĤPsPIPsP»CHC†CĬPj
PiPsPeP°P·P°P»Pë, C%Ps PjPµC,C,,PsCĤPjC-PS PµPeCřPeCĤPµC,CřC"C,CHCřCĬ Cř
PSPµP·PjC-PSPµPSPsPjCř PIPëPiP»CĬPrC- P· CřPµC†PµCĤ C,P° PSPµ PiC-PrPrP°C"C,CHCřCĬ
PjPµC,P°P±PsP»C-P·PjCř PI PiPµC†C-PSC†C- (Cř P»CĤPrPµPNë PSPµ P±CřP»Ps
PIPëCĬPIP»PµPSPs PSC-CĬPePëC... PjPµC,P°P±PsP»C-C,C-PI) P°P±Ps PIPëPIPµPrPµPSPSCĤ P·
P¶PsPIC†CĤ.

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

P'PëPIPµPrPµPSPSCĬ

P"°P°PiP°PiP»C-C,,P»PsP·PëPS

P"°P°PiP°PiP»C-C,,P»PsP·PëPS C- PiPsPIĤĤ™ CĬP·P°PSC- P· PSPëPj PjPµC,P°P±PsP»C-C,Pë PI
PsCřPSPsPIPSpPjCř PIPëPIPsPrCĬC,CHCřCĬ CĖP»CĬC...PsPj PµPeCřPeCĤPµC†C-C— C-P·
CřPµC†PµCĤ. PµC-CřP»CĬ P·P°CřC,PSCřCřPIP°PSPSCĬ [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,PëPIPSpSCřC,C- PIPëPIPsPrPëC,CHCřCĬ PIC-PrPiPsPIC-PrPSPs C-P·
CřPµC†PµCĤ C,P° PeP°P»PsPj. P†P· CřPµC†PµCĤ PjPµPSCĖPµ 2 % PrPsP·Pë
P»C-PeP°CĤCřCĤPePsPiPs P·P°CřPsP±Cř PIPëPIPsPrPëC,CHCřCĬ Cř PSPµP·PjC-PSPµPSPsPjCř
PIPëPiP»CĬPrC-. P— PeP°P»PsPj Cř PSPµP·PjC-PSPµPSPsPjCř PIPëPiP»CĬPrC-
PIPëPIPsPrPëC,CHCřCĬ PiCĤPëP±P»PëP·PSPs 15 % PrPsP·Pë P»C-PeP°CĤCřCĤPePsPiPs
P·P°CřPsP±Cř. PŸPµCĤPµPrPSC-PNë PeC-PSC†PµPIPëPNë PiPµCĤC-PsPr
PSP°PiC-PIPIPëPIPµPrPµPSPSCĬ 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»CĬ
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 CĬPe PSP° PsCřPSPsPIPSpëPNë
CĖP»CĬC... PµP»C-PjC-PSP°C†C-C— PjPµC,C,,PsCĤPjC-PSCř. PµC-CřP»CĬ
PiPµCĤPsCĤP°P»CHPSPsPiPs P·P°CřC,PSCřCřPIP°PSPSCĬ PjPµC,C,,PsCĤPjC-PSCř
PiCĤPëP±P»PëP·PSPs 90 % P»C-PeP°CĤCřCĤPePsPiPs P·P°CřPsP±Cř, C%Ps
PICřPjPsPeC,P°PICřCĬ, PIPëPIPsPrPëC,CHCřCĬ PSPëCĤPeP°PjPë PiCĤPsC,CĬPiPsPj
PiPµCĤCĖPëC... 24 PiPsPrPëPS. PµPµCĤC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCĬ P· PiP»P°P·PjPë
PeCĤPsPIC- CřC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 6,2 PiPsPrPëPSPë. PµPµCĤC-PsPr
PSP°PiC-PIPIPëPIPµPrPµPSPSCĬ 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“ PḡBḡ™CH) CÍPµCḡPµPrPSC-
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 % PIPëC%oPëPjPë PİPsCḡC-PIPSCİPSPs P·
PİPsPeP°P·PSPëPeP°PjPë PİC-PrC-P±CḡP°PSPëC... P·P° PİPµPIPSPëPjPë PİP°CḡP°PjPµC,CḡP°PjPë
P·PrPsCḡPsPIPëC... CÍC†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PµPSPSCİ 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- PSPµ 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€PµPSPSCİPjPë C,,CfPSPeC†C-C—
PİPµC†C-PSPePë C,CİP¶PePsPiPs CÍC,CfPİPµPSCİ (PeP»P°CÍ PŸ P·P°
PeP»P°CÍPëC,,C-PeP°C†C-C"CH PŞP°PNëP»PrP° Bḡ“ PḡBḡ™CH) CÍPµCḡPµPrPSC-
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 % PIPëC%oPëPjPë PİPsCḡC-PIPSCİPSPs P·
PİPsPeP°P·PSPëPeP°PjPë PİC-PrC-P±CḡP°PSPëC... P·P° PİPµPIPSPëPjPë PİP°CḡP°PjPµC,CḡP°PjPë
P·PrPsCḡPsPIPëC... CÍC†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PµPSPSCİ PI
PePsPSC,CḡPsP»CHPSC-PNë PiCḡCfPİC-.

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

PαP°CḡPjP°PePsPeC-PSPµC,PëC†PSC- PrPsCÍP»C-PrP¶PµPSPSCİ PjPµC,C,,PsCḡPjC-PSCr P·P°
CÍC†P°CÍC,CH PİP°C†C-C"PSC,C-PI P· PİPsCḡCfC€PµPSPSCİPjPë C,,CfPSPeC†C-C—
PİPµC†C-PSPePë PSPµ PİCḡPsPIPsPrPëP»PëCÍCİ (PrPëPI. CḡPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PscÍCfPIP°PSPSCİB»).

PµP°C†C-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCz

P"°PİP°PiP»C-C,,P»PsP·PëPS

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

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

P"¶CİPeC- PrP°PSC-, PsC,CḡPëPjP°PSC- CÍ C...PsPrC- PİCḡPsPIPµPrPµPSPSCİ
PePsPSC,CḡPsP»CHPSPİP°PSPëC... C,,P°CḡPjP°PePsPeC-PSPµC,PëC†PSPëC...
PrPsCÍP»C-PrP¶PµPSCH PjPµC,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,Pµ, C%oPs
P·P°PİP°P»CHPSPëPNë PİP»P°P·PjPsPIPëPNë PeP»C-CḡPµPSCr PjPµC,C,,PsCḡPjC-PSCr
P·PSPëP¶CfC"C,CHCÍCİ, PİPµCḡC-PsPr PSP°PİC-PIPİPëPIPµPrPµPSPSCİ
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-PSPµC,PëPePë PjPµC,C,,PsCḡPjC-PSCr P·
PIC-PePsPj, PİPµCḡC€ P·P° PICÍPµ, PİPsCİCÍPSCḡC"C,CHCÍCİ P·PjC-PSPsCH
C,,CfPSPeC†C-C— PSPëCḡPsPe.

РμРμРrC-Р°C,СҒРёC±PSP° РїРsРїCрP»CЦC†C-CЦ

РᄡP°СҒРјР°РёРsРёC-PSPμC,РёРёР° Р»C-РёР°СҒCҒCҒРёРёРsРїРs Р·Р°CҒPс±Cр РҕCҒC-РїРrCрPс
РμСҒРsP»PсPSPи РИ РїРμРrC-Р°C,СҒРёC±PSC-Р№ РїРsРїCрP»CЦC†C-C— PSPμ
РIPёPIC±P°P»P°CҒCҒ.

РҮC,Р°C,СҒ

Р''P°РїP°РиP»C-C,,P»PсP·РёPS

Р—P° РrP°PSPёРјРё РїРsРїCрP»CЦC†C-Р№PSPсРиРs C,,P°СҒРјР°РёРsРёC-PSPμC,РёC±PSPсРиРs
P°PSP°P»C-Р·Cр CҒC,Р°C,СҒ РїР°C†C-C''PSC,Р° PSPμ РјР°C'' РёP»C-PSC-C±PSPс
Р·PSP°C±CрC%оРsРиРs РIPиP»РёPICр PSP° CҒРёCҒC,РμРјPSCр РμРёCҒРиРsР·РёC†C-CҒ
РrP°РїP°РиP»C-C,,P»PсP·РёPSCр; C,Р°РёРёРј C±РёPSPсРј, РёРsСҒРμРёC†C-CЦ РrPсP·Рё
P»C-РёР°СҒCҒCҒРёРёРs Р·Р°CҒPс±Cр PSPμ РїРsC,СҒC-Р±PSP°.

РҕРμC,C,,PсСҒРјC-PSCз РиC-РrСҒРsC...P»PсСҒРёP

РᄡP°СҒРјР°РёРsРёC-PSPμC,РёC±PSC- РїР°СҒР°РјC,СҒРё РјРμC,C,,PсСҒРјC-PSCр Cр
Р·РrPсСҒРsРIPёC... PсCҒC-Р± C- РїР°C†C-C''PSC,C-PI P· C†CрPёСҒРsРIPёРј РrC-Р°P±РμC,PсРј 2-
РиРs C,РёРиCр CҒCрC,C,C''PиРs PSPμ PIC-РrСҒC-Р·PSCЦP»РёCҒCЦ РиC-Рr C±P°CҒ
РиСҒРsРIPμРrРμPSPSCЦ P°PSP°P»C-Р·Cр РrP°PSPёC... Р·P° PсP·PSP°РёРsCҒ CҒC,Р°C,C-
(C±PсP»PсPIC-РёРё 19, РҒC-PSPёРё = 16). РҕСҒC-Рј C,PсРиРs, РИ
РёРsPSC,СҒРsP»CҒРsРIP°PSPёC... РёP»C-PSC-C±PSPёC... РrPсCҒP»C-РrPҒPμPSPSCЦC... Cр
РїР°C†C-C''PSC,C-PI P· C†CрPёСҒРsРIPёРј РrC-Р°P±РμC,PсРј 2-РиРs C,РёРиCр
РиC-РиРsРиP»C-РёРμРјC-C±PSPёР№ РμC,,РμРёC, РјРμC,C,,PсСҒРјC-PSCр P±CрPI
РиРsСҒC-РIPSCЦPSPSPёРј Cр C±PсP»PсPIC-РёC-PI C- РҒC-PSPсРё.

Р P°CҒPсРIP° PSP°P»PμPҒPSC-CҒC,СҒ

Р''P°РїP°РиP»C-C,,P»PсP·РёPS

Р—P° РrP°PSPёРјРё РїРsРїCрP»CЦC†C-Р№PSPсРиРs C,,P°СҒРјР°РёРsРёC-PSPμC,РёC±PSPсРиРs
P°PSP°P»C-Р·Cр СҒP°CҒPсРIP° PSP°P»PμPҒPSC-CҒC,СҒ РїР°C†C-C''PSC,Р°
B (РиСҒРμРrCҒC,Р°РIPSPёРёC C''PICҒРsРиРμPсC—РrPSPсC—, PSPμРиСҒРсC—РrPSPсC—
СҒP°CҒРё Р°P±Pс Р°P·C-Р°C,CҒCҒРёРёРs РиРsC...PсРrPҒPμPSPSCЦ) PSPμ РјР°C''
РёP»C-PSC-C±PSPс Р·PSP°C±CрC%оРsРиРs РIPиP»РёPICр PSP° CҒРёCҒC,РμРјPSCр
РμРёCҒРиРsР·РёC†C-CҒ РrP°РїP°РиP»C-C,,P»PсP·РёPSCр; C,Р°РёРёРј C±РёPSPсРј,
РёРsСҒРμРёC†C-CЦ РrPсP·Рё P»C-РёР°СҒCҒCҒРёРёРs Р·Р°CҒPс±Cр PSPμ
РиРsC,СҒC-Р±PSP°.

РҕРμC,C,,PсСҒРјC-PSCз РиC-РrСҒРsC...P»PсСҒРёP

Р''PсCҒP»C-РrPҒPμPSPSCЦ C,,P°СҒРјР°РёРsРёC-PSPμC,РёC±PSPёC... РїР°СҒР°РјC,СҒC-PI
РјРμC,C,,PсСҒРјC-PSCр Р·P°P»PμPҒPSPс PIC-Рr СҒP°CҒPсРIPсC— PSP°P»PμPҒPSPсCҒC,C-
РїР°C†C-C''PSC,Р° PSPμ РиСҒРsРIPсРrРёP»РёCҒCЦ. Рј C...PсРrC- РиСҒРsРIPμРrРμPSPSCЦ
РёРsPSC,СҒРsP»CҒРsРIP°PSPёC... РёP»C-PSC-C±PSPёC... РrPсCҒP»C-РrPҒPμPSCҒ
Р·Р°CҒC,PсCҒCрРIP°PSPSCЦ РјРμC,C,,PсСҒРјC-PSCр РїР°C†C-C''PSC,Р°Рј Р· C†CрPёСҒРsРIPёРј
РrC-Р°P±РμC,PсРј 2-РиРs C,РёРиCр РиC-РиРsРиP»C-РёРμРјC-C±PSPёР№ РμC,,РμРёC, P±CрPI
РиРsСҒC-РIPSCЦPSPSPёРј Cр РиСҒРμРrCҒC,Р°РIPSPёРёC-PI C''PICҒРsРиРμPсC—РrPSPсC—
(n = 249), PSPμРиСҒРсC—РrPSPсC— (n = 51) СҒP°CҒРё C,Р° РIPёC...C-РrC†C-PI P·
P>P°C,РёPSCҒCҒРёРёРsC— РҕРјРμCҒРёРёРё (n = 24).

PhPrPSPSc†P°CÍPSPs	PhPμC,C,,PsCḡPjC-PS	PhPμC,C,,PsCḡPjC-PS	
P·P°CÍC,PsCÍPsPIC†PIP°PSPëPNë(CḡPμP¶PëPj			
P»C-PeP°CḡCÍCHPePëPNë	PrPsP·C†PIP°PSPSCİı)*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·C†PIP°PSPSCİı)*			
<i>PлPsCḡPëPiCžPIP°PSPSCİı PrPsP·Pë PSPμ PIPëPjP°PiP°P»PsCÍCİı PrP»Cİı C,P°PePëC...</i>			
<i>P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI:</i>			
P“P»C-P±C†CḡPëPr (5 PjPi)	850 PjPi	↓ 9 % ^{Б§}	↓ 7 % ^{Б§}
PαC†CḡPsCÍPμPjC-Pr (40 PjPi)	850 PjPi	↑ 15 % ^{Б§}	↑ 22 % ^{Б§}
PќC-C,,PμPrPëPiC-PS (10 PjPi)	850 PjPi	↑ 9 %	↑ 20 %
PұCḡPsPiCḡP°PSPsP»PsP» (40 PjPi)	850 PjPi	↓ 10 %	↓ 6 %
P†P±C†PİCḡPsC,,PμPS (400 PjPi)	850 PjPi	↑ 5 % ^{Б§}	↑ 7 % ^{Б§}
<i>P>C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, CİPeC- PIPëPIPsPrCİC,CHCÍCİı PSPëCḡPeP°PjPë</i>			
<i>CєP»CİC...PsPj PeP°PSP°P»CHC†PμPIPsC— CÍPμPeCḡPμC†C-C—, PjPsP¶CžC,CH</i>			
<i>PİPsCÍPëP»CḡPIP°C,Pë PeCžPjCžP»CİC†C-Cḡ PjPμC,C,,PsCḡPjC-PSCž (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-PNëB»).</i>			
PİPëPjPμC,PëPrPëPS (400 PjPi)	850 PjPi	↑ 40 %	↑ 60 %

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

^{БҒ} P’C-PrCÍPsC,PePsPIP° P·PjC-PSP° (P-/P±PμP· PsPrPSPSc†P°CÍPSPsPiPs
P·P°CÍC,PsCÍC†PIP°PSPSCİı P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±C† C- P±PμP· P·PjC-PSPë =
0 %); ↑ C- ↓ PIPeP°P·C†CḡC,CH PIC-PrPİPsPIC-PrPSPs PSP° P·P±C-P»CHCєPμPSPSCİı C-
P·PjPμPSCєPμPSPSCİı 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-PrPSPScєPμPSPSCİı CÍPμCḡPμPrPSC-C... P°CḡPëC,,PjPμC,PëC†PSPëC...
P·PSP°C†PμPSCḡ.

P’PİP»PëPI PjPμC,C,,PsCḡPjC-PSCž 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-PSC† PSP° C-PSCєC- PsPrPSPSc†P°CÍPSPs P·P°CÍC,PsCÍPsPIC†PIP°PSC-
P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë.

PŸP°P±P»PëC†Cİ 2

P’PİP»PëPI PjPμC,C,,PsCḡPjC-PSCž PSP° CÍPëCÍC,PμPjPSCž
PμPeCÍPİPsP·PëC†C-Cḡ PsPrPSPSc†P°CÍPSPs
P·P°CÍC,PsCÍPsPICžPIP°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»PëPI PsPτPSPsC‡P°CÍPSPs
P·P°CÍC,PsCÍPsPIC‡PIP°PSPëC... P»C-PeP°CĤCÍCHPePëC...
P·P°CÍPsP±C-PI PSP° CÍPëCÍC,PμPjPSC‡
PμPeCÍPiPsP·PëC†C-CH PrP°PiP°PiP»C-C,,P»PsP·PëPSC‡

PhPrPSPsC‡P°CÍPSPs	P°P°PiP°PiP»C-C,,P»PsP·PëPSP°P°PiP°PiP»C-C,,P»PsP·PëPS		
P·P°CÍC,PsCÍPsPIC‡PIP°PSPëPN‡	(CĤPμP¶PëPj	P—PjC—PSP°	P—PjC—PSP°
P»C-PeP°CĤCÍCHPePëPN‡	PrPsP·C†PIP°PSPSCÍJ)*	PiPsPeP°P·PSPëPeC—PI ^{††}	PiPsPeP°P·PSPëPeC—PI ^{††}
P·P°CÍC—P±		AUC ^{†††}	C _{max}
(CĤPμP¶PëPj PrPsP·C†PIP°PSPSCÍJ)*			
<i>PμPsCĤPëPiC‡PIP°PSPSCÍJ PrPsP·Pë PSPμ PIPëPjP°PiP°P»PsCÍCÍ PrP»CÍJ C,P°PePëC...</i>			
<i>P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI:</i>			
<i>PμPμCĤPsCĤP°P»CHPSC— PiC—PiPsPiP»C—PePμPjC—C‡PSC— P»C-PeP°CĤCÍCHPeC— P·P°CÍPsP±Pë</i>			
PμPμC,,PsCĤPjC—PS (1000 PjPi)	20 PjPi	↓ 1 %	↓ 7 %
PμC—PsPiP»C—C,P°P·PsPS (45 PjPi)	50 PjPi	0 %	↑ 9 %
PŸPëC,P°PiP»C—PiC,PëPS (100 PjPi)	20 PjPi	↑ 8 %	↓ 4 %
P°P»C—PjPμPiC—CĤPëPr (4 PjPi)	20 PjPi	↓ 1 %	↑ 1 %
P°PsPiP»C—P±PsP·P° (0,2 PjPi)	10 PjPi	↑ 1 %	↑ 4 %
<i>C,CĤPë CĤP°P·Pë PSP° PrPsP±C†</i>			
<i>P†PSC€C— P»C—PeP°CĤCÍCHPeC— P·P°CÍPsP±Pë</i>			
P°C—PrCĤPsC...P»PsCĤC,C—P°P·PëPr 50 PjPi		↑ 7 %	↓ 1 %
(25 PjPi)			
P°C†PjPμC,P°PSC—Pr (1 PjPi)	10 PjPi PsPrPëPS CĤP°P·	↑ 5 %	↑ 8 %
	PSP° PrPsP±C†		
	PiCĤPsC,CÍPiPsPj 7		
	PrPSC—PI		
P°P°P»CÍP°CĤC,P°PS (320 PjPi)	20 PjPi	↑ 2 %	↓ 12 %
PŸPëPjPIP°CÍC,P°C,PëPS (40 PjPi)	20 PjPi	↓ 1 %	↓ 2 %
<i>PĤPSC,PëP±P°PeC,PμCĤC—P°P»CHPSPëPN‡ P»C—PeP°CĤCÍCHPePëPN‡ P·P°CÍC—P±</i>			
P PëC,,P°PjPiC—PS (600 PjPi)	10 PjPi	↓ 22 %	↓ 7 %
<i>PsPrPëPS CĤP°P· PSP° PrPsP±C†</i>			
<i>PiCĤPsC,CÍPiPsPj 6 PrPSC—PI)</i>			
<i>P†PμCÍC,PμCĤPsC—PrPSPëPN‡ PiCĤPsC,PëP·P°PiP°P»CHPSPëPN‡ P»C—PeP°CĤCÍCHPePëPN‡ P·P°CÍC—P±</i>			
PμPμC,,PμPSP°PjC—PSPsPIP°	10 PjPi	↑ 51 %	↑ 13 %
<i>PePëCÍP»PsC,P°</i>			
<i>(PSP°PIP°PSC,P°P¶C†PIP°P»CHPSP°</i>			
<i>PrPsP·P° 500 PjPi P·</i>			
<i>PiPsPrP°P»CHC€PëPj</i>			
<i>P·P°CÍC,PsCÍC†PIP°PSPSCÍJ 14</i>			
<i>PrPsP· PiPs 250 PjPi PePsP¶PSC— 6</i>			
<i>PiPsPrPëPS)</i>			

* P P°P·PsPIP° PrPsP·P°, CÍPeC%Ps PSPμ PIPeP°P·P°PSPs C—PSC€Pμ.

^{††} P°C—PrCÍPsC,PePsPIP° P·PjC—PSP° (P·/P±PμP· PsPrPSPsC‡P°CÍPSPsPiPs
P·P°CÍC,PsCÍC†PIP°PSPSCÍJ P»C—PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† C— P±PμP· P·PjC—PSPë =
0 %); ↑ C— ↓ PIPeP°P·C†CĤC,CH PIC—PrPiPsPIC—PrPSPs PSP° P·P±C—P»CHC€PμPSPSCÍJ C—
P·PjPμPSC€PμPSPSCÍJ PμPeCÍPiPsP·PëC†C—C—.

^{†††} AUC = AUC(INF) (PiP»PsC%P° PiC—Pr PeCĤPëPiPsCĤ PePsPSC†PμPSC,CĤP°C†C—CÍ/C‡P°CÍ,
PμPeCÍC,CĤP°PiPsP»CHPsPIP°PSP° PrPs PSPμCÍPeC—PSC‡PμPSPSPsCÍC,C—) PrP»CÍJ
P»C—PeP°CĤCÍCHPePëC... P·P°CÍPsP±C—PI, CÍPeC— P·P°CÍC,PsCÍPsPIC†PIP°P»PëCÍCÍ C†
PIPëPiP»CÍPrC— CĤP°P·PsPIPëC... PrPsP·, C— AUC = AUC(TAU) (PiP»PsC%P° PiC—Pr
PeCĤPëPiPsCĤ PePsPSC†PμPSC,CĤP°C†C—CÍ/C‡P°CÍ, PsP±PjPμP¶PμPSP° PeC—PSC†PμPj
C—PSC,PμCĤPIP°P»C† PrPsP·C†PIP°PSPSCÍJ) PrP»CÍJ P»C—PeP°CĤCÍCHPePëC... P·P°CÍPsP±C—PI,
CÍPeC— P·P°CÍC,PsCÍPsPIC†PIP°P»PëCÍCÍ C† PIPëPiP»CÍPrC— P±P°PiP°C,PsCĤP°P·PsPIPëC...
PrPsP·.

**P'PİP»PëPI PṛP°PİP°PiP»C-C,,P»PsP·PëPSCṛ PSP° C-PSC€C-
P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë**

PJ C,P°P±P»PëC†C- PSPëP¶C†Pµ PİCḡPµPṛCÍC,P°PIP»PµPSC- PµC,,PµPeC,Pë
PṛP°PİP°PiP»C-C,,P»PsP·PëPSCṛ PSP° C-PSC€C- PsPṛPSPsC†P°CÍPSPs
P·P°CÍC,PsCÍPsPICṛPIP°PSC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë.
P''P°PİP°PiP»C-C,,P»PsP·PëPS CÍC†C,C,C''PIPs PSPµ PİPİP»PëPIP°PI PSP°
C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCṛ PsPṛPSPsC†P°CÍPSPs P·P°CÍC,PsCÍPsPICṛPIP°PSPëC...
P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI.

PŸP°P±P»PëC†CΠ 4

**P'PİP»PëPI PṛP°PİP°PiP»C-C,,P»PsP·PëPSCṛ PSP°
CÍPëCÍC,PµPjPSCṛ PµPeCÍPİPsP·PëC†C-Cḡ
PsPṛPSPsC†P°CÍPSPs P·P°CÍC,PsCÍPsPICṛPIP°PSPëC...
P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI**

PhPṛPSPsC†P°CÍPSPs P·P°CÍC,PsCÍPsPICṛPIP°PSPëPN ₂ P»C-PeP°CḡCÍCHPePëPN ₂ P·P°CÍC-P± (CḡPµP¶PëPj PṛPsP·CṛPIP°PSPSCΠ)* P _µ PsCḡPëPiCṛPIP°PSPSCΠ PṛPsP·Pë PSPµ PİPëPjP°PiP°P»PsCÍCΠ PṛP»CΠ C,P°PePëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI:	P''P°PİP°PiP»C-C,,P»PsP·PëPS (CḡPµP¶PëPj PṛPsP·CṛPIP°PSPSCΠ)* P _µ PsCḡPëPiCṛPIP°PSPSCΠ PṛPsP·Pë PSPµ PİPëPjP°PiP°P»PsCÍCΠ PṛP»CΠ C,P°PePëC... P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI:	PhPṛPSPsC†P°CÍPSPs P·P°CÍC,PsCÍPsPICṛPIP°PSPëPN ₂ P»C-PeP°CḡCÍCHPePëPN ₂ P·P°CÍC-P± P—PjC-PSP° P—PjC-PSP° PİPsPeP°P·PSPëPeC-PI ^{§§} PİPsPeP°P·PSPëPeC-PI ^{§§} AUC ^{§§} C _{max}
PḡPµC,,PsCḡPjC-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-PjPµPİC-CḡPëPṛ (4 PjPi) 20 PjPi		↑ 13 % ↑ 4 %
P†PSC€C- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë		
P''C-PṛCḡPsC...P»PsCḡC,C-P°P·PëPṛ50 PjPi		↓ 1 % ↓ 5 %
P'CṛPjPµC,P°PSC-Pṛ (1 PjPi) 10 PjPi PsPṛPëPS CḡP°P· PSP°		↑ 13 % ↑ 13 %
	PṛPsP±Cṛ PİCḡPsC,CΠPiPsPj 7 PṛPSC-PI	
P'P°P»CÍP°CḡC,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¶CṛPIP°P»CHPSP° PṛPsP·P°, PİPsC,C-Pj 10 PjPi PsPṛPëPS CḡP°P· PSP° PṛPsP±Cṛ PİCḡPsC,CΠPiPsPj 7 PṛPSC-PI	
P'P°CḡC,,P°CḡPëPS (25 PjPi) 20 PjPi		
S-PIP°CḡC,,P°CḡPëPS	PSP°PIP°PSC,P°P¶CṛPIP°P»CHPSP°	↑ 3 % ↑ 7 %
R-PIP°CḡC,,P°CḡPëPS	PṛPsP·P°, PİPsC,C-Pj 10 PjPi	↑ 6 % ↑ 8 %
	PsPṛPëPS CḡP°P· PSP° PṛPsP±Cṛ PİCḡPsC,CΠPiPsPj 7 PṛPSC-PI	

* P P°P·PsPIP° PṛPsP·P°, CΠPeC%Ps PSPµ PİPeP°P·P°PSPs C-PSC€Pµ.

§§ P'C-PṛCÍPsC,PePsPIP° P·PjC-PSP° (P-/P±PµP· PsPṛPSPsC†P°CÍPSPsPiPs
P·P°CÍC,PsCÍCṛPIP°PSPSCΠ P»C-PeP°CḡCÍCHPePsPiPs P·P°CÍPsP±Cṛ C- P±PµP· P·PjC-PSPë =
0 %); ↑ C- ↓ PİPeP°P·CṛCḡC,CH PIC-PṛPİPsPIC-PṛPSPs PSP° P·P±C-P»CHC€PµPSPSCΠ C-
P·PjPµPSC€PµPSPSCΠ PµPeCÍPİPsP·PëC†C-C—.

§§ AUC = AUC(INF) (PİP»PsC%P° PİC-Pṛ PeCḡPëPIPḡCḡ PePsPSC†PµPSC,CḡP°C†C-CΠ/C†P°CÍ,
PµPeCÍC,CḡP°PİPsP»CHPḡPIP°PSP° PṛPs PSPµCÍPeC-PSC†PµPSPSPsCÍC,C-) PṛP»CΠ

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

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

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

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

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

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

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

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

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

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

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

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

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 CḡPḡCḡPëC‡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**

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

<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»PsSPi 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»PsSPi, 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»PsSPi, 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»PsSPi 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‡PSPëP№ 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 P†CḡPëP·PIPsPrPëC,CH PrPs PsC,CḡPëPjP°PSPSC‡ PİPsP·PëC,PëPIPSPëC... CḡP _μ P·C†P»CHC,P°C,C-PI P†CḡPë 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°PSPSC‡</i>	P _л PsPSC-C,PsCḡPëPSPi PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ P· P†CḡPsPIP _μ PrP _μ PSPSC‡Pj C,P _μ C†C,C-PI PSP° PSP°C‡PIPSC-C†C,CH PiP»CḡPePsP·Pë PI C†P _μ C‡C- PSP _μ CḡP _μ PePsPjP _μ PSPrC†C"C,CHC†C‡ PİP°C†C-C"PSC,P°Pj, C‡PeC- P†CḡPëP№PjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPë PќP—P _л PŷP“-2. P"»C‡ 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-C‡ P· 1,5-P°PSPiC-PrCḡPsPiP»CḡC†PëC,PsPj (1,5-PḡP")</i>	
<i>P_лP»C-PSC-C‡PSPëP№ PIPİP»PëPI</i>	P·PëPjC-CḡCḡPIP°PSPSC‡ CḡC-PIPS-PI 1,5-PḡP" C" PSP _μ PSP°PrC-P№PSPëPj PjP _μ C,PsPrPsPj PrPsC†P»C-PrP¶P _μ PSPSC‡ PiP»C-PeP _μ PjC-C‡PSPsPiPs C†C,P°PSC† PİP°C†C-C"PSC,C-PI, C‡PeC- P†CḡPëP№PjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPë PќP—P _л PŷP“-2.
<i>P'C,CḡC¿C‡P°PSPSC‡</i>	P _л PsPSC-C,PsCḡPëPSPi PiP»C-PeP _μ PjC-C‡PSPsPiPs PePsPSC,CḡPsP»Cḡ P· P†CḡPsPIP _μ PrP _μ PSPSC‡Pj P°PSP°P»C-P·C† PSP° PIPëP·PSP°C‡P _μ PSPSC‡ 1,5-PḡP" PSP _μ CḡP _μ PePsPjP _μ PSPrC†C"C,CHC†C‡. P"»C‡ 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°PSPSC‡.

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,

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

PIPeP»CTHC†P°CTHC†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·, PiPsPIBTM 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-CTHCrPIP°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». PμPμC,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 PiCTHCrPiPë

CTHPëP·PëPeCr.

PJ CTHP°P·C- PiC-PrPsP·CTHPë PSP° P»P°PeC,PsP°C†PëPrPsP·, PiPsPIBTM 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°CTHCrCHPePsPiPs P·P°CTPsP±Cr PμCTC-PiPrCrPs

PμCTHPsP»PsPSPi.

PIPeC%Ps Cr PiP°CTC-C"PSC,C-PI, CΠPePëC... P»C-PeCrCTHC,CH P»C-PeP°CTHCrCHPePëPj

P·P°CTPsP±PsPj PμCTC-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°.

PκPμPsP±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°CTHCrCHPePsPiPs P·P°CTPsP±Cr PμCTC-PiPrCrPs PμCTHPsP»PsPSPi C,P°

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

P»C-PeP°CTHC.

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·PIBTM 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, PiPsPIBTM CΠP·P°PSPsPiPs C-P·

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

РμPsCḡCáC€PμPSPSCḡ C,,CáPSPeC†C-C— PSPëCḡPsPe. P'PëPïP°PrPePë
P»P°PeC,PsP°C†PëPrPsP·Cḡ, PïPsPIḡḡ™ CḡP·P°PSPsPiPs C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj
PjPμC,C,,PsCḡPjC-PSCḡ, Cḡ PïC-CḡP»CḡCḡPμC"ḡC,CḡP°C†C-PMḡPSPëPMḡ PïPμCḡC-PsPr
PïPμCḡPμPIP°PḡPSPs C,CḡP°PïP»CḡP»PëCḡCḡ Cḡ PïP°C†C-C"ḡPSC,C-PI P·C- P·PSP°C†PSPëPjPë
PïPsCḡCḡC€PμPSPSCḡPjPë C,,CḡPSPeC†C-C— PSPëCḡPsPe. P PëP·PëPe PeCḡPjCḡP»CḡC†C-C—
PjPμC,C,,PsCḡPjC-PSCḡ C,P° CḡPsP·PIPëC,PeCḡ P»P°PeC,PsP°C†PëPrPsP·Cḡ,
PïPsPIḡḡ™ CḡP·P°PSPsPiPs C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PjPμC,C,,PsCḡPjC-PSCḡ,
P·CḡPsCḡC,P°C" P·C- P·P±C-P»CḡC€PμPSPSCḡPj C,CḡPḡPePsCḡC,C- PïPsCḡCḡC€PμPSPSCḡ
C,,CḡPSPeC†C-C— PSPëCḡPsPe, PsCḡPeC-P»CḡPePë PjPμC,C,,PsCḡPjC-PS P·PSP°C†PSPsCḡ
PjC-CḡPsCḡ PIPëPIPsPrPëC,CḡCḡCḡ PSPëCḡPeP°PjPë. PḡP»C-PSC-C†PSC-
CḡPμPePsPjPμPSPrP°C†C-C— PSP° PsCḡPSPsPIC- CḡC,P°PSCḡ C,,CḡPSPeC†C-C— PSPëCḡPsPe
PïP°C†C-C"ḡPSC,P° PIPeP»CḡC†P°CḡC,Cḡ (PrPëPI. CḡPsP·PrC-P»Pë B«PḡPïPsCḡC-P±
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PëB», B«P»P°CḡPjP°PePsP»PsPiC-C†PSC-
PIP»P°CḡC,PëPIPsCḡC,C-B»):

- *РμPμCḡPμPr PïPsC†P°C,PePsPj C,PμCḡP°PïC-C— P»C-PeP°CḡCḡCḡPePëPj P·P°CḡPsP±PsPj*
РḡCḡC-PiPrCḡPs РμCḡPsP»PsPSPi PSPμPsP±C...C-PrPSPs CḡPsP·CḡP°C...CḡPIP°C,Pë
C€PIPëPrPeC-CḡC,Cḡ PeP»CḡP±PsC†PePsPiPsC— C,,C-P»CḡC,CḡP°C†C-C— (CḡPëPḡPḡ).
- *РḡCḡC-PiPrCḡPs РμCḡPsP»PsPSPi PïCḡPsC,PëPïPsPeP°P·P°PSPëPMḡ PïP°C†C-C"ḡPSC,P°Pj*
C-P· CḡPëPḡPḡ PjPμPSC€Pμ 30 PjP»/C...PI/1,73 Pj² (PrPëPI. CḡPsP·PrC-P»
B«РμCḡPsC,PëPïPsPeP°P·P°PSPSCḡB»).
- *В CḡPëPḡPḡ CḡP»C-Pr PIPëP·PSP°C†P°C,Pë C%ḡPsPSP°PMḡPjPμPSC€Pμ C%ḡPsCḡPsPeCḡ*
PICḡC-Pj PïP°C†C-C"ḡPSC,P°Pj, CḡPeC- PsC,CḡPëPjCḡCḡC,Cḡ РḡCḡC-PiPrCḡPs
РμCḡPsP»PsPSPi. РμP°C†C-C"ḡPSC,P°Pj, CḡPeC- PjP°CḡC,Cḡ PïC-PrPIPëC%ḡPμPSPëPMḡ
CḡPëP·PëPe PïPsCḡCḡC€PμPSPSCḡ C,,CḡPSPeC†C-C— PSPëCḡPsPe (PSP°PïCḡPëPeP»P°Pr,
PsCḡPsP±Pë P»C-C,PSCHḡPsPiPs PIC-PeCḡ), C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe CḡP»C-Pr
PsC†C-PSCHḡPIP°C,Pë C†P°CḡC,C-C€Pμ.

P'P·P°C"ḡPjPsPrC-Cḡ P· P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë. PhPrPSPsC†P°CḡPSPμ
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ РḡCḡC-PiPrCḡPs
РμCḡPsP»PsPSPi C-P· PïPμPIPSPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë
PïC-PrPIPëC%ḡCḡ" CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ P»P°PeC,PsP°C†PëPrPsP·Cḡ,
PïPsPIḡḡ™ CḡP·P°PSPsPiPs C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PjPμC,C,,PsCḡPjC-PSCḡ; PrPs
PSPëC... PSP°P»PμPḡP°C,Cḡ P»C-PeP°CḡCḡCḡPeC- P·P°CḡPsP±Pë, C%ḡPs
PïPsCḡCḡC€CḡCḡC,Cḡ C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe, PïCḡPëP·PIPsPrCḡC,Cḡ PrPs
P·PSP°C†PSPëC... P·PjC-PS PïPμPjPsPrPëPSP°PjC-PePë, PIPïP»PëPIP°CḡC,Cḡ PSP°
PePëCḡP»PsC,PSPs-P»CḡPḡPSPëPMḡ CḡC,P°PS P°P±Ps PïPsCḡPëP»CḡCḡC,Cḡ
PeCḡPjCḡP»CḡC†C-Cḡ PjPμC,C,,PsCḡPjC-PSCḡ (P·PsPeCḡPμPjP° PeP°C,C-PsPSPSC-
P»C-PeP°CḡCḡCḡPeC- P·P°CḡPsP±Pë) (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C"ḡPjPsPrC-Cḡ P·
C-PSC€PëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C"ḡPjPsPrC-PMḡB»). PḡPsPjCḡ PjPsPḡPμ P±CḡC,Pë PrPsC†C-P»CḡPSPëPMḡ P±C-P»CḡC€
C†P°CḡC,PëPMḡ PePsPSC,CḡPsP»Cḡ CḡC,P°PSCḡ C,P°PePëC... PïP°C†C-C"ḡPSC,C-PI.

P'C-Pe 65 CḡPsPeC-PI C- CḡC,P°CḡC€Pμ. P PëP·PëPe CḡPsP·PIPëC,PeCḡ
P»P°PeC,PsP°C†PëPrPsP·Cḡ, PïPsPIḡḡ™ CḡP·P°PSPsPiPs C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj
PjPμC,C,,PsCḡPjC-PSCḡ, P·CḡPsCḡC,P°C" P·C- P·P±C-P»CḡC€PμPSPSCḡPj PIC-PeCḡ,
PsCḡPeC-P»CḡPePë Cḡ PïP°C†C-C"ḡPSC,C-PI P»C-C,PSCHḡPsPiPs PIC-PeCḡ C†P°CḡC,C-C€Pμ
C,CḡP°PïP»CḡC"ḡC,CḡCḡCḡ PïPsCḡCḡC€PμPSPSCḡ C,,CḡPSPeC†C-C— PïPμC†C-PSPePë,
PSPëCḡPsPe P°P±Ps CḡPμCḡC†Cḡ, PSC-Pḡ Cḡ PïP°C†C-C"ḡPSC,C-PI P±C-P»CḡC€
PjPsP»PsPrPsPiPs PIC-PeCḡ. РμP°C†C-C"ḡPSC,P°Pj P»C-C,PSCHḡPsPiPs PIC-PeCḡ CḡP»C-Pr
C†P°CḡC,C-C€Pμ PsC†C-PSCḡPIP°C,Pë C,,CḡPSPeC†C-Cḡ PSPëCḡPsPe (PrPëPI. CḡPsP·PrC-P»

В«PŸPİPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCÍ C,P° PrPsP·PëB»).

*P PµPSC,PiPµPSPsP»PsPiC-C±PSC- PrPsCÍP»C-PrP¶PµPSPSCÍ C-P·
P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj PePsPSC,CŤP°CÍC,PSPëC... CŤPµC±PsPIPëPS.
P'PSCÍC,CŤC-C€PSCĤPsCÍCÍPrPëPSPSPµ PİPİPµPrPµPSPSCÍ PÑPsPrPsPIPjC-CÍPSPëC...
PePsPSC,CŤP°CÍC,PSPëC... CŤPµC±PsPIPëPS PİP°C†C-C"PSC,P°Pj, CÍPeC-
PsC,CŤPëPjCÍPIP°P»Pë PjPµC,C,,PsCŤPjC-PS, PİCŤPëP·PIPsPrPëP»Ps PrPs PiPsCÍC,CŤPsPiPs
P·PSPëP¶PµPSPSCÍ PSPëCŤPePsPIPsC— C,,CÍPSPeC†C-C— C,P° CŤPsP·PIPëC,PeCÍ
P»P°PeC,PsP°C†PëPrPsP·CÍ. PµP°C†C-C"PSC,P°Pj, CÍPeC- PjP°CĤC,CH Pİ P°PSP°PjPSPµP·C-
PİPsCŤCÍC€PµPSPSCÍ C,,CÍPSPeC†C-C— PİPµC±C-PSPePë, P°P»PePsPiPsP»C-P·Pj P°P±Ps
CÍPµCŤC†PµPICÍ PSPµPrPsCÍC,P°C,PSC-CÍC,CH, C,P° PİP°C†C-C"PSC,P°Pj, CÍPePëPj
P±CÍPrCÍC,CH PİPİPsPrPëC,Pë PÑPsPrPsPIPjC-CÍPSC- PePsPSC,CŤP°CÍC,PSC-
CŤPµC±PsPIPëPSPë PİPSCÍC,CŤC-C€PSCĤPsP°CŤC,PµCŤC-P°P»CHPSPs,
PSPµPsP±C...C-PrPSPs PİCŤPëPİPëPSPëC,Pë P·P°CÍC,PsCÍCÍPIP°PSPSCÍ
P»C-PeP°CŤCÍCHPePsPiPs P·P°CÍPsP±CÍ PµCÍC-PİPrCÍPs PµCŤPsP»PsPSPi PSP° C±P°CÍ
PİCŤPsPIPµPrPµPSPSCÍ PİCŤPsC†PµPrCÍCŤPë PsP±CÍC,PµP¶PµPSPSCÍ, C°%Ps
PİPµCŤPµPrP±P°C±P°C" PİPİPµPrPµPSPSCÍ PÑPsPrPsPIPjC-CÍPSPëC...
PePsPSC,CŤP°CÍC,PSPëC... CŤPµC±PsPIPëPS, P°P±Ps PrPs PSPµC—. PŞPµCŤPµP· 48 PİPsPrPëPS
PİC-CÍP»CÍ PİCŤPsC†PµPrCÍCŤPë CÍP»C-Pr PİPsPIC,PsCŤPSPs PsC†C-PSPëC,Pë CŤPëPµPα, C-
CÍPeC°%Ps C,,CÍPSPeC†C-CÍ PSPëCŤPsPe PİPëCÍPİPëC,CHCÍCÍ CÍC,P°P±C-P»CHPSPsCĤ,
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ P»C-PeP°CŤCÍCHPePsPiPs P·P°CÍPsP±CÍ PµCÍC-PİPrCÍPs
PµCŤPsP»PsPSPi PjPsP¶PSP° PİPsPSPsPIPëC,Pë.*

*PÍC-CŤCÍCŤPİC-C±PSPµ PIC,CŤCÍC±P°PSPSCÍ C,P° C-PSC€C- PİCŤPsC†PµPrCÍCŤPë.
PµCŤPëPİPëPSPµPSPSCÍ CÍPİPsP¶PëPIP°PSPSCÍ C—P¶C- C,P° CŤC-PrPëPS PSP° C±P°CÍ
C...C-CŤCÍCŤPİC-C±PSPëC... P°P±Ps C-PSC€PëC... PİCŤPsC†PµPrCÍCŤ P·P±C-P»CHC€CÍC"
CŤPëP·PëPe P·PjPµPSC€PµPSPSCÍ PsP±BŤ™ C"PjCÍ CŤC-PrPëPSPë, CŤPsP·PIPëC,PeCÍ
P°CŤC,PµCŤC-P°P»CHPSPsC— PİC-PİPsC,PµPSP·C-C— C,P° PİPsCŤCÍC€PµPSPSCÍ
C,,CÍPSPeC†C-C— PSPëCŤPsPe. P—P°CÍC,PsCÍCÍPIP°PSPSCÍ P»C-PeP°CŤCÍCHPePsPiPs
P·P°CÍPsP±CÍ PµCÍC-PİPrCÍPs PµCŤPsP»PsPSPi CÍP»C-Pr C,PëPjC±P°CÍPsPIPs
PİCŤPëPİPëPSPëC,Pë, PİPsPePë CÍPİPsP¶PëPIP°PSPSCÍ PİP°C†C-C"PSC,P°PjPë C—P¶C- C,P°
CŤC-PrPëPSPë PsP±PjPµP¶PµPSPµ.*

*P"C-PİPsPeCÍPëC±PSC- CÍC,P°PSPë. P"PµPeC-P»CHPeP° PİPëPİP°PrPeC-PI
P»P°PeC,PsP°C†PëPrPsP·CÍ, PİPsPİBŤ™ CÍP·P°PSPsPiPs C-P· P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj
PjPµC,C,,PsCŤPjC-PSCÍ, CÍ PİC-CÍP»CÍCŤPµC"CÍC,CŤP°C†C-PÑPSPëPÑ PİPµCŤC-PsPr
PİPëPSPëPeP»Pë CÍ PİP°C†C-C"PSC,C-PI C-P· PİPsCÍC,CŤPsCĤ P·P°CÍC,C-PÑPSPsCĤ
CÍPµCŤC†PµPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CH (P·PsPeCŤPµPjP° C,P°PePsCĤ, C°%Ps
CÍCÍPİCŤPsPIPsPrP¶CÍPIP°P»P°CÍCÍ PİC-PİPsPİPµCŤC,,CÍP·C-C"CĤ C,P°
PİC-PİPsPeCÍPµPjC-C"CĤ). PŸPµCŤC†PµPIPs-CÍCÍPrPëPSPSPëPÑ PePsP»P°PİCÍ (C€PsPe),
PİPsCÍC,CŤPëPÑ C-PSC,,P°CŤPeC, PjC-PsPeP°CŤPrP°, CÍPµPİCÍPëCÍ C,P° C-PSC€C-
CÍC,P°PSPë, C°%Ps CÍCÍPİCŤPsPIPsPrP¶CÍCĤC,CHCÍCÍ PİC-PİPsPeCÍPµPjC-C"CĤ,
CÍPİCŤPëC±PëPSCÍP»Pë PİPsCÍPICÍ P»P°PeC,PsP°C†PëPrPsP·CÍ, P° C,P°PePsP¶ PjPsP¶CÍC,CH
CÍPİCŤPëC±PëPSPëC,Pë PİCŤPµCŤPµPSP°P»CHPSCÍ P°P·PsC,PµPjC-CĤ. PİPeC°%Ps
PİPëPSPëPePSCÍC,CH PİPsPrC-P±PSC- CÍPİPëC°%P°, P·P°CÍC,PsCÍCÍPIP°PSPSCÍ
P»C-PeP°CŤCÍCHPePsPiPs P·P°CÍPsP±CÍ PµCÍC-PİPrCÍPs PµCŤPsP»PsPSPi CÍP»C-Pr
PİCŤPëPİPëPSPëC,Pë.*

*P—P»PsPIP¶PëPIP°PSPSCÍ P°P»PePsPiPsP»PµPj. PŤP»PePsPiPsP»CH PİPsC,PµPSC†C-CĤC"
PİPİP»PëPİ PjPµC,C,,PsCŤPjC-PSCÍ PSP° PjPµC,P°P±PsP»C-P·Pj P»P°PeC,P°C,CÍ, C°%Ps PjPsP¶Pµ
P·P±C-P»CHC€CÍPIP°C,Pë CŤPëP·PëPe CŤPsP·PIPëC,PeCÍ P»P°PeC,PsP°C†PëPrPsP·CÍ,
PİPsPİBŤ™ CÍP·P°PSPsPiPs C-P· P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj PjPµC,C,,PsCŤPjC-PSCÍ.*

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

PiP»CḤPePsP·Pë Cr PeCḤPsPIC-, PsCÍPeC-P»CḤPePë PSP° C,P»C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍ 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- PSPëPḡC±Pḡ 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°PSPSCÍ P»C-PeP°CḤCÍCḤPePsPiPs P·P°CÍPsP±CÍ PḤCÍC-PiPrCÍPs
PḡCḤPsP»PsPSPi, PsP±CÍC,PḡPḡPëC,Pë PiP°CÍC-C"PS C, P° C- PSPḡPIC-PrPeP»P°PrPSPs
CḤPsP·PiPsC±P°C,Pë P»C-PeCÍPIP°PSPSCÍ. P" P»CÍ PePsCḤPḡPeCÍC-C—
PePḡC,PsP°CÍPëPrPsP·CÍ PjPsPḡPḡ P±CÍC,Pë PSPḡPsP±C...C-PrPSPḡ
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ C-PSCÍCÍP»C-PSCÍ, PIPIPḡPrPḡPSPSCÍ CḤC-PrPëPSPë C-
PePsCḤPḡPeCÍC-CÍ 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"PS C-PI C-P·
CÍCÍPeCḤPsPIPëPj PrC-P°P±PḡC,PsPj 1-PiPs C,PëPiCÍ, PSP°CÍPIPS C-CÍC,Ḥ
PePḡC,PsP°CÍPëPrPsP·CÍ P±CÍP»P° CḤPsP·PiC-P·PSP°PSP° PSPḡ PsPrCḤP°P·CÍ C-
P»C-PeCÍPIP°PSPSCÍ CḤPsP·PiPsC±P°C,Ps C-P· P·P°C,CḤPëPjPePsCḤ C±PḡCḤPḡP· C,Pḡ, C%Ps
PePsPSC±PḡPSC,CḤP°CÍC-CÍ PiP»CḤPePsP·Pë Cr PeCḤPsPIC- P±CÍP»P° PSPëPḡC±PsCḤ P·P°
CḤC-PIPS-, C%Ps P·P°P·PIPëC±P°PNḡ PsC±C-PeCÍCḤC,ḤCÍCÍ Cr PIPëPiP°PrPeCÍ
PrC-P°P±PḡC,PëC±PSPsPiPs PePḡC,PsP°CÍPëPrPsP·CÍ (C±P°CÍC,Ps PjPḡPSCëPḡ 250 PjPi/PrP»
(14 PjPjPsP»CḤ/P»)).

PiCÍPeCḤPsPIPëPNḡ PrC-P°P±PḡC, 2-PiPs C,PëPiCÍ C,P° P·P°C...PIPsCḤCḤPIP°PSPSCÍ
PiC-PrCëP»CÍPSPePsPIPsC— P·P°P»PsP·Pë (PSP°PiCḤPëPeP»P°Pr PiPḡCḤPḡPSPḡCÍPḡPSPëPNḡ
PiP°PSPeCḤPḡP°C,PëC, P°P±Ps PsPiPḡCḤP°CÍC-CÍ 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"PS 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 KḤ—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,PëC±PSPsPiPs
PePḡC,PsP°CÍPëPrPsP·CÍ P°P±Ps C-PSCëPëC... PePḡC,PsP°CÍPëPrPsP·C-PI, PSP°P»PḡPḡP°C,Ḥ
PSPḡPrPsCÍC,P°C,PSCÍ C-PSCÍCÍP»C-PSC-P·P°CÍC-CÍ PIPSP°CÍP»C-PrPsPe
P·PSPëPḡPḡPSPSCÍ PrPsP·Pë C-PSCÍCÍP»C-PSCÍ P°P±Ps PiCḤPsPiCÍCÍPeCÍ PiCḤPëPNḡPsPjCÍ
PrPsP·Pë C-PSCÍCÍP»C-PSCÍ, PiPsCÍC,CḤC- PiP°CḤCÍC±PePsPIC-
P·P°C...PIPsCḤCḤPIP°PSPSCÍ, P·PSPëPḡPḡPSPSCÍ CÍPiPsPḡPëPIP°PSPSCÍ PeP°P»PsCḤC-PNḡ,
PePḡC,PsPiPḡPSPSP° PrC-C" C,P°, C...C-CḤCÍCḤPiC-C±PSPḡ PIC,CḤCÍC±P°PSPSCÍ,
P·PjPḡPSCëPḡPSPSCÍ PsP±bḤ™ C" PjCÍ CḤC-PrPëPSPë C,P° P·P»PsPIPḡPëPIP°PSPSCÍ
P°P»PePsPiPsP»PḡPj.

PḤP·PSP°PePë C,P° CÍPëPjPiC,PsPjPë CÍPIC-PrC±P°C,Ḥ PiCḤPs PrPḡPiC-PrCḤP°C,P°CÍC-CḤ C-
C,CÍPḡPePëPNḡ PjPḡC,P°P±PsP»C-C±PSPëPNḡ P°CÍPëPrPsP· C,P° PIPeP»CḤC±P°CḤC,ḤB
PSCÍPrPsC,CÍ, P±P»CḤPIP°PSPSCÍ, P±C-P»CḤ Cr PḡPëPIPsC,C-, P·P°PiP°P»CḤPSPḡ
PSPḡP·PrCÍPḡP°PSPSCÍ 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·PjPḡPSCëPḡPSPSCÍ PrPsP·Pë C-PSCÍCÍP»C-PSCÍ, PiPsCÍC,CḤPḡ
P·P°C...PIPsCḤCḤPIP°PSPSCÍ P· PiP°CḤCÍC±PePsCḤ, P·PjPḡPSCëPḡPSPSCÍ
CÍPiPsPḡPëPIP°PSPSCÍ PeP°P»PsCḤC-PNḡ, C...C-CḤCÍCḤPiC-C±PSPḡ PIC,CḤCÍC±P°PSPSCÍ,
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»[P](#)), 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... PëP»C-PSC-C†PSPëC... CÍPëC,CíP°C†C-CИC..., C%Ps PjPsP¶CíC,CH
CÍPiCђPsPIPsPëCíPIP°C,Pë CђPsP·PIPëC,PсPе PëPμC,PsP°C†PëPrPsP·Cí PI PïP°C†C-C”PSC,C-PI
(PSP°PíCђPëPëP»P°Pr, PíCђPë C,CђPëPIP°P»PsPjCí PiPsP»PsPrCíPIP°PSPSC- C†PμCђPμP·
PiPsCÍC,CђCí C...PIPsCђPsP±Cí P°P±Ps PI PïPμCђC-PsPr PíC-CÍP»CИ
C...C-CђCíCђPiC-C†PSPsPiPs PIC,CђCíC†P°PSPSCИ). PќPμPsP±C...C-PrPSPs
PïPμCђPμPëPsPSP°C,PëCÍCИ PI CíCÍCíPSPμPSPSC- C,,P°PëC,PsCђC-PI CђPëP·PëPëCí
CђPsP·PIPëC,PëCí PëPμC,PsP°C†PëPrPsP·Cí PïPμCђPμPr PïPsPIC,PsCђPSPëPj PïPsC†P°C,PëPsPj
P»C-PëCíPIP°PSPSCИ. PұCђPëPμPëPj P»C-PëP°CђCÍCHPëPsPiPs P·P°CÍPsP±Cí
PьCÍC-PiPrCíPs PұCђPsP»PsPSPi PjPsP¶PSP° PIC-PrPSPsPIPëC,Pë, PëPsP»Pë CÍC,P°PS
PïP°C†C-C”PSC,P° PëP»C-PSC-C†PSPs CÍC,P°P±C-P»CHPSPëPμ 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”PSC,C-PI PíCђPs PsP·PSP°PëPë C- CÍPëPjPiC,PsPjPë
PëPμC,PsP°C†PëPrPsP·Cí C,P° PSPμPsP±C...C-PrPSC-CÍC,CH PíCђPëPïPëPSPμPSPSCИ
PíCђPëPμPëPjCí P»C-PëP°CђCÍCHPëPsPiPs P·P°CÍPsP±Cí PьCÍC-PiPrCíPs PұCђPsP»PsPSPi C-
PSPμPiP°PμPSPsPiPs P·PIPμCђPSPμPSPSCИ P·P° PjPμPrPëC†PSPsCђ PrPsPïPsPjPsPiPsCђ PíCђPë
PIPëPSPëPëPSPμPSPSC- C,P°PëPëC... PsP·PSP°Pë C- CÍPëPjPiC,PsPjC-PI.

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

P”P°PïP°PiP»C-C,,P»PsP·PëPS PjPsP¶Pμ CÍPíCђPëC†PëPSPëC,Pë P·PjPμPSC€PμPSPSCИ
PIPSCíC,CђC-C€PSCђPsCÍCíPrPëPSPSPsPiPs PsP±вђ™ C”PjCí, C%Ps C-PSPsPrC- PjPsP¶Pμ
PíCђPsCИPIP»CИC,PëCÍCИ CÍPëPjPiC,PsPjP°C,PëC†PSPsCђ PiC-PiPsC,PμPSP·C-C”Cђ P°P±Ps
PiPsCÍC,CђPëPjPë C,CђP°PSP·PëC,PsCђPSPëPjPë P·PjC-PSP°PjPë CђC-PIPSCИ
PëCђPμP°C,PëPSC-PSCí (PrPëPI. CђPsP·PrC-P» B«PұPsP±C-C†PSC- CђPμP°PëC†C-C—B»).

PќP°PrC...PsPrPëP»Pë PíC-CÍP»CИCђPμC”CÍC,CђP°C†C-PμPSC- PïPsPIC-PrPsPjP»PμPSPSCИ
PíCђPs PIPëPïP°PrPëPë PiPsCÍC,CђPsPiPs CíCђP°P¶PμPSPSCИ PSPëCђPsPë Cí
PïP°C†C-C”PSC,C-PI P· C†CíPëCђPsPIPëPj PrC-P°P±PμC,PsPj 2-PiPs C,PëPíCí, CИPеC-
PsPrPμCђP¶CíPIP°P»Pë C-PSPiC-P±C-C,PsCђPë PќP—PьPÿP”-2, P·PsPëCђPμPjP°
PrP°PïP°PiP»C-C,,P»PsP·PëPS, PrPμCИPëC- C-P· C†PëC... PïP°C†C-C”PSC,C-PI
PïPsC,CђPμP±CíPIP°P»Pë PiPsCÍPiC-C,P°P»C-P·P°C†C-C— C,P° PíCђPsPIPμPrPμPSPSCИ
PrC-P°P»C-P·Cí. PұP°C†C-C”PSC,Pë P· PïPsCђCíC€PμPSPSCИPj C,,CíPSPëC†C-C— PSPëCђPsPë
(CђPëPьP» PjPμPSC€Pμ 60 PjP»/C...PI/1,73 Pj²), PïP°C†C-C”PSC,Pë P»C-C,PSCђPsPiPs PIC-PëCí
P°P±Ps PïP°C†C-C”PSC,Pë, CИPеC- PíCђPëPμPjP°CђC,CH PïPμC,P»CHPсPIC-
PrC-CíCђPμC,PëPëPë, PjPsP¶CíC,CH PjP°C,Pë PíC-PrPIPëC%PμPSPëPμ CђPëP·PëPë
P·PjPμPSC€PμPSPSCИ PsP±вђ™ C”PjCí CђC-PrPëPSPë P°P±Ps CђPsP·PIPëC,PëCí
P°CђC,PμCђC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C—. PұPμCђPμPr PïPsC†P°C,PëPsPj
P·P°CÍC,PsCÍCíPIP°PSPSCИ PьCÍC-PiPrCíPs PұCђPsP»PsPSPi Cí PïP°C†C-C”PSC,C-PI P·
PsPrPSC-C”Cђ P°P±Ps PëC-P»CHPëPsPjP° P· C†PëC... C...P°CђP°PëC,PμCђPëCÍC,PëPë CÍP»C-Pr
PsC†C-PSPëC,Pë PIPsP»PμPjC-C†PSPëPμ CÍC,P°C,CíCí C- C,,CíPSPëC†C-Cђ PSPëCђPsPë.
PұC-CÍP»CИ PïPsC†P°C,PëCí C,PμCђP°PíC-C— CђPμPëPsPjPμPSPPrCíC”C,CHCÍCИ
CÍP»C-PrPëCíPIP°C,Pë P·P° PsP·PSP°PëP°PjPë C,P° CÍPëPjPiC,PsPjP°PjPë
P°CђC,PμCђC-P°P»CHPSPsC— PiC-PiPsC,PμPSP·C-C— C,P° C,,CíPSPëC†C-C”Cђ PSPëCђPsPë.

PұPμCђPμPr PïPsC†P°C,PëPsPj P·P°CÍC,PsCÍCíPIP°PSPSCИ P»C-PëP°CђCÍCHPëPsPiPs
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 PictPsPIPsPeCfPIP°C,Pē CTsPsP·PIPēC,PsPe PiPsCTC,CTsPsPiPs CfCTP°P¶PμPSPSCΠ PSPēCTsPsPe, PIPeP»CTC‡P°CTC‡Pē PiC-PiPsPIPsP»PμPjC-CT, C...CTsPsPSC-C‡PSCf PSPēCTsPePsPICf PSPμPrPsCTC,P°C,PSC-CTC,CH, P·P°CTC,C-PNēPSCf CT¶PμCTC‡PμPICf PSPμPrPsCTC,P°C,PSC-CTC,CH C,P° CTfCfPiCfC,PSC" P·P°CTC,PsCTfCfPIP°PSPSCΠ P»C-PeP°CTCfCHPePēC... P·P°CTfPs±C-PI (PrC-CfCTPμC,PēPeC-PI, C-PSPiC-P±C-C,PsCTC-PI PḡPḡPḡ, P±P»PsPeP°C,PsCTC-PI CTsPμC‡PμPiC,PsCTC-PI P°PSPiC-PsC,PμPSP·PēPSCf P†P†, PkPḡP—P—).

PJCTsPsCTfPμPiCTfPēCT C- PiC-C" P»PsPSPμC,,CTsPēC,

PJ PiP°C†C-C"PSC,C-PI, CΠPeC- P·P°CTC,PsCTfPsPICfPIP°P»Pē C-PSPiC-P±C-C,PsCTsPē PkP—PḡPḡP"-2, Cf C,PsPjCf C‡PēCTfP»C- PrP°PiP°PiP»C-C,,P»PsP·PēPS, P·P°CTsPμC"CTfC,CTsPsPIP°PSPs PIPēPiP°PrPePē CTfPμCTsPNēPsP·PSPēC... C-PSC,,PμPeC†C-PNē CTfPμC‡PsPIPēPIC-PrPSPēC... CēP»CΠC...C-PI, PI C,PsPjCf C‡PēCTfP»C- CfCTsPsCTfPμPiCTfPēCTfCf C- PiC-C"P»PsPSPμC,,CTsPēC,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,PsCTC-PI PkP—PḡPḡP"-2 PiC-PrPIPēC%CrC" CTsPēP·PēPe PIPēPSPēPePSPμPSPSCΠ C-PSC,,PμPeC†C-PNē CTfPμC‡PsPIPēPIC-PrPSPēC... CēP»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... CēP»CΠC...C-PI C,P° P·P° PSP°CΠIPSPsCTC,C- PiPsPeP°P·P°PSCḡ PSPμPiP°PNēPSPs PiCTsPēP·PSP°C‡PēC,Pē P»C-PeCfPIP°PSPSCΠ (PrPēPI. CTsPsP·PrC-P» B«PḡPsP±C-C‡PSC-CTsPμP°PeC†C-C—B»).

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

P†PSCfCfP»C-PS C,P° CTfC,PēPjCfP»CΠC,PsCTsPē CTfPμPeCTsPμC†C-C— C-PSCfCfP»C-PSCf (PSP°PiCTsPēPeP»P°Pr CTfCfP»CHC,,PsPSC-P»CTfPμC‡PsPIPēPSP°), CΠPe PIC-PrPsPjPs, CTfPiCTsPēC‡PēPSCΠCTC,CH CTsPsP·PIPēC,PsPe PiC-PiPsPiP»C-PePμPjC-C—. PḡCTfC-PiPrCfPs PḡCTsPsP»PsPSPi Cf PiPsC"PrPSP°PSPSC- P·C-PSCfCfP»C-PSPsPj P°P±Ps CTfC,PēPjCfP»CΠC,PsCTsPsPj CTfPμPeCTsPμC†C-C— C-PSCfCfP»C-PSCf PjPsP¶Pμ PiC-PrPIPēC%PēC,Pē CTsPēP·PēPe CTsPsP·PIPēC,PeCf PiC-PiPsPiP»C-PePμPjC-C— (PrPēPI. CTsPsP·PrC-P» B«PḡPsP±C-C‡PSC-CTsPμP°PeC†C-C—B»). PḡPsPjCf, C%PsP± P·PIPμCTfC,Pē PrPs PjC-PSC-PjCfPjCf CTsPēP·PēPe CTsPsP·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,PsCTsP° CTfPμPeCTsPμC†C-C— C-PSCfCfP»C-PSCf PiCTsPē C—C...PSCḡPsPjCf P·P°CTfC,PsCTfCfPIP°PSPSC- Cf PePsPjP±C-PSP°C†C-C— P·P»C-PeP°CTCfCHPePēPj P·P°CTfPs±PsPj PḡCTfC-PiPrCfPs PḡCTsPsP»PsPSPi (PrPēPI. CTsPsP·PrC-P» B«P·P·P°C"PjPsPrC-CΠ P·C-PSCēPēPjPē P»C-PeP°CTCfCHPePēPjPē P·P°CTfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»).

PkPμPeCTsPsC,PēC‡PSPēPNē C,,P°CTfC†C-C—C, PictPsPjPμP¶PēPSPē (PiP°PSPiCTsPμPSP° PḡCžCTsPSCḡC")

PJ PiPμCTC-PsPr PiC-CTfP»CΠCTsPμC"CTfC,CTsP°C†C-PNēPSPsPiPs CTfPiPsCTC,PμCTsPμP¶PμPSPSCΠ Cf PiP°C†C-C"PSC,C-PI C-P·C†CfPeCTsPsPIPēPj PrC-P°P±PμC,PsPj, CΠPeC- PsC,CTsPēPjCfPIP°P»Pē C-PSPiC-P±C-C,PsCTsPē PkP—PḡPḡP"-2, Cf C,PsPjCf C‡PēCTfP»C- PrP°PiP°PiP»C-C,,P»PsP·PēPS, PiPsPIC-PrPsPjP»CΠP»PsCTfCΠ PictPs PSPμPeCTsPsC,PēC‡PSPēPNē C,,P°CTfC†C-C—C, PictPsPjPμP¶PēPSPē (PiP°PSPiCTsPμPSP° PḡCfCTsPSCḡC"), C%Ps C" CTsC-PrPeC-CTfPSPsCT, P°P»Pμ CTfPμCTsPNēPsP·PSPsCT 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_μ P_μC-PSPsPe, C,P°Pe C- PI C±PsP»PsPIC-PeC-PI.
 P_μPμC_πPN_μPsP·PSC- PSP°C_μP»C-PrPeP_μ PIPeP»C_πC±P°P»P_μ PiPsC_μPiC-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_μPjPμC_πC,C_π.

P_μP°C†C-C"PSC,C-PI, C_μPeC- PsC,C_πP_μP_μC_πC_πC_πC_π P_μC_μC_μC-PIPrC_μPs P_μC_πPsP»PsPSPi,
 C_μP»C-Pr PsP±C_μC_μ,P_μP_μP_μC,P_μ PSP° PSP°C_μPIPSC-C_μC_μ PSP_μPeC_πPsC,P_μC±PSPsPiPs
 C,,P°C_μC†C-C—C,C_μ C_μ C_μ 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_μC,P»P_μPIPsC_μC-, P_μC_πP_μC,P_μPjP_μ P°P±Ps PSP°P±C_μC_μPeC_μ
 PI PrC-P»C_μIPSC†C- C_μC,P°C,P_μPIP_μC... PsC_μPiP°PSC-PI C- P_μC_πPsPjP_μP_μP_μP_μPSP_μ C,P° P·P°
 PSP°C_μPIPSPsC_μC- P»P_μC...PsPjP°PSPeP_μ P°P±Ps P·P°PiP°P»C_μHPSPsPiPs
 PSP_μP·PrC_μP_μP°PSPSC_μ. Pj C_μP°P·C- P_μC-PrPsP·C_μP_μ C_μP»C-Pr PSP_μPiP°PN_μPSPs
 C_μPsP·PiPsC±P°C,P_μ P»C-PeC_μPIP°PSPSC_μ P°PSC,P_μP±C-PsC,P_μPeP°PjP_μ C_μPeC_μPsPePsPiPs
 C_μPiP_μPeC,C_μP° PrC-C— C,P°, C_μPeC%Ps PSP_μPsP±C...C-PrPSPs, P_μC_μPsPiP_μC_μC,P_μ
 C...C-C_μC_μC_μPiC-C±PSC_μ PsP±C_μPsP±PeC_μ. Pj C†C_μPsPjC_μ C_μP°P·C- C_μP»C-Pr
 P_μC_μP_μP_μPSP_μC,P_μ P»C-PeC_μPIP°PSPSC_μ P»C-PeP°C_μC_μC_μPeP_μPj P·P°C_μPsP±PsPj
 P_μC_μC-PIPrC_μPs P_μC_μPsP»PsPSPi, C_μPμC,PμP»C_μHPSPs PePsPSC,C_μPsP»C_μPIP°C,P_μ
 C_μC-PIPμPSC_μ PiP»C_μPePsP·P_μ PI PeC_μPsPIC- C,P° P_μC_μP_μP·PSP°C±P_μC,P_μ
 P°P»C_μC,PμC_μPSP°C,P_μPIPSC_μ C,PμC_μP°P_μC-C_μ PrP»C_μ PiP»C-PePμPjC-C±PSPsPiPs
 PePsPSC,C_μPsP»C_μ.

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

P_μC-Pr C±P°C_μ PePsPSC,C_μPsP»C_μHPsPiP°PSP_μC... PeP»C-PSC-C±PSP_μC...
 PrPsC_μP»C-PrP_μPμPSC_μ P·P°C_μC,PsC_μC_μPiP°PSPSC_μ PjPμC,C,,PsC_μPjC-PSC_μ, C%Ps
 C,C_μP_μPIP°P»P_μ P_μC_μPsC,C_μPiPsPj 29 C,P_μP_μPSC-PI, P_μC_μP_μP±P»P_μP·PSPs C_μ 7 %
 P_μP°C†C-C"PSC,C-PI C_μPiPsC_μC,PμC_μC-PiP°P»PsC_μC_μ P·PjPμPSC_μPePμPSPSC_μ C_μP°PSC-C_μPePμ
 PSPsC_μPjP°P»C_μHPSP_μC... C_μC-PIPSC-PI PIC-C,P°PjC-PSC_μ B₁₂ C_μ C_μP_μC_μPsPiP°C,C†C-
 PeC_μPsPIC- PSP_μP_μC±Pμ PSPsC_μPjP_μ, C%Ps PSPμ C_μC_μP_μC_μPsPiPsPrP_μC_μPiP°P»PsC_μC_μ
 P_μPsPrPSP_μPjP_μ PeP»C-PSC-C±PSP_μPjP_μ P_μC_μPsC_μPIP°PjP_μ. P_μP°PePμ P·PSP_μP_μPSPSC_μ,
 PN_μPjPsPIC-C_μPSPs, P·C_μPjPsPiP»PμPSPμ PIPiP»P_μPIPsPj PePsPjP_μP»PμPeC_μC_μ B«PIC-C,P°PjC-PS
 B₁₂-PIPSC_μC,C_μC-C_μPePSC-PN_μ C,,P°PeC,PsC_μ P_μP°C_μC,P»P°B» PSP° P°P±C_μPsC_μP±C†C-C_μ
 PIC-C,P°PjC-PSC_μ B₁₂, PjPsP_μPμ C_μC_μP_μP_μC_μPsPiPsPrP_μC_μPiP°C,P_μC_μC_μ P°PSPμPjC-C" C_μ, P°P»Pμ
 P_μC_μP_μ P_μC_μP_μP_μPSP_μPSPSC- P·P°C_μC,PsC_μC_μPiP°PSPSC_μ PjPμC,C,,PsC_μPjC-PSC_μ P°P±Ps
 P_μC_μP_μ P_μC_μP_μP·PSP°C±PμPSPSC- PIC-C,P°PjC-PSC_μ B₁₂ PrPsC_μP_μC,C_μ C_μPIP_μPrPePs
 P·PSP_μPeP°C". Pj PrPμC_μPeP_μC... P_μP°C†C-C"PSC,C-PI (C-P· PSPμPrPsC_μC,P°C,PSC-Pj
 C_μC-PIPSPμPj C_μPiPsP_μP_μPIP°PSPSC_μ P°P±Ps P·P°C_μPIPsC"PSPSC_μ PIC-C,P°PjC-PSC_μ B₁₂ C±P_μ
 PeP°P»C_μC†C-C_μ) C_μPiPsC_μC,PμC_μC-PiP°C"C,C_μC_μC_μC_μ C_μC...P_μP»C_μHPSC-C_μC,C_μ PrPs
 P·PSP_μP_μPSPSC_μ C_μC-PIPSC-PI PIC-C,P°PjC-PSC_μ B₁₂ PSP_μP_μC±Pμ PSPsC_μPjP_μ.
 P_μPμPsP±C...C-PrPSPs C%PsC_μC-C±PSPs P_μC_μPsPiPsPrP_μC,P_μ PsC†C-PSPeC_μ
 PiPμPjP°C,PsP»PsPiC-C±PSP_μC... P_μP°C_μP°PjPμC,C_μC-PI C,P° PePsP_μPSC- 2B_μ"3 C_μPsPeP_μ
 PIP_μP·PSP°C±P°C,P_μ C_μC-PIPSC- PIC-C,P°PjC-PSC_μ B₁₂ PrP»C_μ PePsPSC,C_μPsP»C_μ P±C_μPrC_μ-
 C_μPeP_μC... PIC-PrC...P_μP»PμPSC_μ C_μ P_μP°C†C-C"PSC,C-PI, C_μPeC- PsC,C_μP_μP_μC_μC_μC_μ,C_μ
 P»C-PeC_μPIP°PSPSC_μ P»C-PeP°C_μC_μC_μPeP_μPj P·P°C_μPsP±PsPj P_μC_μC-PIPrC_μPs
 P_μC_μPsP»PsPSPi (PrP_μPI. C_μPsP·PrC-P» B«PμPsP±C-C±PSC- C_μPμP°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,Cḡ 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 PiCḡCḡPrPrCḡ.*

P’P°PiC-C,PSC-CḡC,CH

P PμP·CḡPjPμ 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†CḡC,CH PSP° PïPsP±C-C†PSC† PrC-Cḡ 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†CḡC,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 PSPëCḡPePsPSPsC— PjPëCḡPePë C,P° C,C†P±C†P»CḡCḡPSC-
PrPëP»P°C,P°C†C-C—, CḡPeC- P±C†P»Pë PSPμ PïPsPIPSC-CḡC,Cḡ PsP±PsCḡPsC,PSC-, C†
C%CḡCḡC-PI, CḡPePëPj PIPsPrPëP»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

$P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs \ P \cdot P^{\circ} C \bar{I} PsP \pm C \bar{r} \ PiPsC \bar{H} C - PIPSC \bar{I} PSPSC \bar{I}.$

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

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

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu PSPSC - P \cdot P^{\circ} C \bar{I} C, PsC \bar{I} C \bar{r} PIP^{\circ} PSPSC \bar{I} \ PrP^{\circ} P \bar{I} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PSC \bar{r}$
 $P \pm P \mu P \cdot PiPsC \bar{I} P \mu C \bar{H} P \mu PrPSC \bar{H} Ps \ C \bar{H} PIP \mu PSC - P \gg C \bar{H} PSP \bar{e} Pj \ C \% C \bar{r} C \bar{H} P^{\circ} Pj \ P \cdot 21 \ PiPs \ 90$
 $PiPsC \bar{I} C, PSP^{\circ} C, P^{\circ} P \gg C \bar{H} PSP \bar{e} P \bar{N} \bar{e} \ PrP \mu PSC \bar{H} \ C \bar{r} \ PrPsP \cdot P^{\circ} C \dots 1, 15 \ P^{\circ} P \pm Ps \ 75 \ PjPi/PePi/PrPsP \pm C \bar{r}$
 $PiPsPIC - PrPsPjP \gg C \bar{I} P \gg PsC \bar{I} C \bar{I} \ PiC \bar{H} Ps \ P \cdot P \pm C - P \gg C \bar{H} C \bar{e} P \mu PSPSC \bar{I} \ PjP^{\circ} C \bar{I} P \bar{e} \ PSP \bar{e} C \bar{H} PeP \bar{e} \ C, P^{\circ}$
 $PiC - PrPIP \bar{e} C \% P \mu PSPSC \bar{I} \ C \bar{r} P^{\circ} C \bar{I} C, PsC, P \bar{e} \ C \bar{H} PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu PSPSC \bar{I} \ PSP \bar{e} C \bar{H} PePsPIPSC -$
 $PjP \bar{e} C \bar{I} P \bar{e} P \bar{e} \ C - C, C \bar{r} P \pm C \bar{r} P \gg C \bar{I} C \bar{H} PSP \bar{e} C \dots \ PrP \bar{e} P \gg P^{\circ} C, P^{\circ} C \bar{I} C - P \bar{N} \bar{e} \ PiC \bar{H} P \bar{e} \ PIC \bar{I} C - C \dots$
 $C \bar{H} C - PIPSC \bar{I} C \dots \ PrPsP \cdot C \bar{r} PIP^{\circ} PSC \bar{H}. \ P \ C - PIP \mu PSC \bar{H} \ P \mu PeC \bar{I} P \bar{I} PsP \cdot P \bar{e} C \bar{I} C - C - PiC \bar{H} P \bar{e}$
 $PSP^{\circ} P \bar{N} \bar{e} PjP \mu PSC \bar{e} C - P \bar{N} \bar{e} \ PrPsC \bar{I} P \gg C - PrP \bar{I} C \bar{r} PIP^{\circ} PSC - P \bar{N} \bar{e} \ PrPsP \cdot C - C \bar{r} \ 15 \ C \bar{H} P^{\circ} P \cdot C - PI$
 $PiP \mu C \bar{H} P \mu PIP \bar{e} C \% C \bar{r} PIP^{\circ} PI \ C, P^{\circ} PeC \bar{r} \ PiC \bar{H} P \bar{e} \ PeP \gg C - PSC - C \bar{r} PSC - P \bar{N} \bar{e} \ PrPsP \cdot C - 10 \ PjPi \ (PSP^{\circ}$
 $PsC \bar{I} PSPsPIC - PrP^{\circ} PSP \bar{e} C \dots \ AUC). \ P \ PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu PSPSC \bar{I} \ PSP \bar{e} C \bar{H} PePsPIPSC - PjP \bar{e} C \bar{I} P \bar{e} P \bar{e} \ C -$
 $C, C \bar{r} P \pm C \bar{r} P \gg C \bar{I} C \bar{H} PSC - PrP \bar{e} P \gg P^{\circ} C, P^{\circ} C \bar{I} C - C -, \ C \% Ps \ C \bar{I} PiPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg P \bar{e} C \bar{I} C \bar{I} \ C \bar{r}$
 $C \bar{H} PIP \mu PSC - P \gg C \bar{H} PSP \bar{e} C \dots \ C, PIP^{\circ} C \bar{H} P \bar{e} PS, \ PiC \bar{H} PsC, C \bar{I} PiPsPj \ PiC \bar{H} P \bar{e} P \pm P \gg P \bar{e} P \cdot PSPs \ 1 -$
 $PjC - C \bar{I} C \bar{I} C \bar{r} PSPsPiPs \ PiP \mu C \bar{H} C - PsPrC \bar{r} \ PiPsPIPSC - C \bar{I} C, C \bar{H} \ PSP \mu$
 $PIC - PrPSPsPIP \gg C \bar{H} PIP^{\circ} P \gg P \bar{e} C \bar{I} C \bar{I}.$

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu PSPSC - PiC \bar{H} P \mu PSP^{\circ} C, P^{\circ} P \gg C \bar{H} PSPsPiPs \ C, P^{\circ}$
 $PiPsC \bar{I} C, PSP^{\circ} C, P^{\circ} P \gg C \bar{H} PSPsPiPs \ C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r} \ PrP^{\circ} P \bar{I} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PS$
 $PIPIPsPrP \bar{e} P \gg P \bar{e} \ C \bar{I} P^{\circ} PjPeP^{\circ} Pj \ C \% C \bar{r} C \bar{H} C - PI \ P \cdot 6 - PiPs \ PiPs \ 21 - P \bar{N} \bar{e} \ PrP \mu PSC \bar{H} \ PiP \mu C \bar{H} C - PsPrC \bar{r}$
 $P \gg P^{\circ} PeC, P^{\circ} C \bar{I} C - C - PI \ PrPsP \cdot P^{\circ} C \dots 1, 15 \ P^{\circ} P \pm Ps \ 75 \ PjPi/PePi/PrPsP \pm C \bar{r}, \ P^{\circ} \ PiPsC, PsPjC \bar{I} C, PIPs$
 $PsPiPsC \bar{I} P \mu C \bar{H} P \mu PrPePsPIP^{\circ} PSPs \ P \cdot P^{\circ} P \cdot PSP^{\circ} P \gg Ps \ PIPiP \gg P \bar{e} PIC \bar{r} \ P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs$
 $P \cdot P^{\circ} C \bar{I} PsP \pm C \bar{r} \ PiC - Pr \ C \bar{r} P^{\circ} C \bar{I} \ PIPSC \bar{r} C, C \bar{H} C - C \bar{e} PSC \bar{H} PsC \bar{r} C, C \bar{H} PsP \pm PSPsPiPs \ C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r}$
 $C - PiC \bar{H} PsC, C \bar{I} PiPsPj \ P \gg P^{\circ} PeC, P^{\circ} C \bar{I} C - C -. \ P - P \pm C - P \gg C \bar{H} C \bar{e} P \mu PSPSC \bar{I}$
 $P \cdot P^{\circ} C \dots PIPsC \bar{H} PIP^{\circ} PSPsC \bar{I} C, C - P^{\circ} P \pm Ps \ C \bar{I} C, C \bar{r} PiP \mu PSC \bar{I} \ C, C \bar{I} P \bar{I} PePsC \bar{I} C, C -$
 $C \bar{H} PsP \cdot C \bar{e} P \bar{e} C \bar{H} P \mu PSPSC \bar{I} \ PSP \bar{e} C \bar{H} PePsPIPSC - PjP \bar{e} C \bar{I} P \bar{e} P \bar{e} \ C \bar{I} PiPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg PsC \bar{I} C \bar{I} \ C \bar{r}$
 $21 - PrP \mu PSPSPsPiPs \ PiPsC, PsPjC \bar{I} C, PIP^{\circ}, \ C \bar{I} PeP \mu \ P \cdot P^{\circ} P \cdot PSP^{\circ} P \gg Ps \ P \gg C - PeC \bar{r} PIP^{\circ} PSPSC \bar{I} \ PI$
 $PrPsP \cdot C - 75 \ PjPi/PePi/PrPsP \pm C \bar{r} \ (P \mu PeC \bar{I} P \bar{I} PsP \cdot P \bar{e} C \bar{I} C - C - PrP^{\circ} P \bar{I} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PSC \bar{r} \ C \bar{r}$
 $PjP^{\circ} C, P \mu C \bar{H} C - PI \ C - PiPsC, PsPjC \bar{I} C, PIP^{\circ} \ P \pm C \bar{r} P \gg P \bar{e} \ PIC - PrPiPsPIC - PrPSPs \ PI \ 1415 \ C - 137$
 $C \bar{H} P^{\circ} P \cdot C - PI \ PIP \bar{e} C \% P \bar{e} PjP \bar{e} \ P \cdot P^{\circ} \ C, P^{\circ} PeC - C \bar{r} \ P \gg C \bar{H} PrP \bar{e} PSP \bar{e} \ PiC \bar{H} P \bar{e} \ PeP \gg C - PSC - C \bar{r} PSC - P \bar{N} \bar{e}$
 $PrPsP \cdot C - 10 \ PjPi, \ P \cdot P^{\circ} \ PrP^{\circ} PSP \bar{e} PjP \bar{e} \ AUC). \ P''PsP \cdot PsP \cdot P^{\circ} P \gg P \mu P \bar{I} PSP \mu \ P \cdot PSP \bar{e} P \bar{I} P \mu PSPSC \bar{I}$
 $PjP^{\circ} C \bar{I} P \bar{e} \ C, C - P \gg P^{\circ} \ PiPsC, PsPjC \bar{I} C, PIP^{\circ} \ C \bar{I} PiPsC \bar{I} C, P \mu C \bar{H} C - PiP^{\circ} P \gg PsC \bar{I} C \bar{I} \ PiC \bar{H} P \bar{e} \ PrPsP \cdot P^{\circ} C \dots,$
 $C \% Ps \ PI \ 29 \ P^{\circ} P \pm Ps \ P \pm C - P \gg C \bar{H} C \bar{e} P \mu \ C \bar{H} P^{\circ} P \cdot C - PI \ PiP \mu C \bar{H} P \mu PIP \bar{e} C \% C \bar{r} PIP^{\circ} P \gg P \bar{e}$
 $PeP \gg C - PSC - C \bar{r} PSC \bar{r} \ PrPsP \cdot C \bar{r} \ 10 \ PjPi \ (P \cdot P^{\circ} \ PrP^{\circ} PSP \bar{e} PjP \bar{e} \ AUC). \ P - PsPrPSP \bar{e} C \dots$
 $PiPsP \pm C - C \bar{r} PSP \bar{e} C \dots \ P \mu C, P \mu PeC, C - PI \ P \cdot P^{\circ} \ PeC - PSC \bar{I} P \mu PIP \bar{e} PjP \bar{e} \ C \bar{H} P \mu P \cdot C \bar{r} P \gg C \bar{H} C, P^{\circ} C, P^{\circ} PjP \bar{e}$
 $C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r} \ PiC \bar{H} P \bar{e} \ PrPsP \cdot C - 1 \ PjPi/PePi/PrPsP \pm C \bar{r} \ PSP \mu \ PIC - PrPjC - C \bar{r} P \gg PsC \bar{I} C \bar{I} \ (C \bar{r}$
 $PrPsP \cdot C -, \ C \% Ps \ PI \ 19 \ C \bar{H} P^{\circ} P \cdot C - PI \ PiP \mu C \bar{H} P \mu PIP \bar{e} C \% C \bar{r} C'' \ PeP \gg C - PSC - C \bar{r} PSC \bar{r} \ PrPsP \cdot C \bar{r} \ 10 \ PjPi,$
 $P \cdot P^{\circ} \ PrP^{\circ} PSP \bar{e} PjP \bar{e} \ AUC). \ P \bar{y} P^{\circ} PeC - C \bar{H} P \mu P \cdot C \bar{r} P \gg C \bar{H} C, P^{\circ} C, P \bar{e} \ PsC, C \bar{H} P \bar{e} PjP^{\circ} PSC - PiC - Pr \ C \bar{r} P^{\circ} C \bar{I}$
 $P \mu PeC \bar{I} P \bar{I} PsP \cdot P \bar{e} C \bar{I} C - C - P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} PePsPiPs \ P \cdot P^{\circ} C \bar{I} PsP \pm C \bar{r} \ PI \ PiP \mu C \bar{H} C - PsPr$
 $C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r} \ PSP \bar{e} C \bar{H} PsPe \ C \bar{r} \ C \% C \bar{r} C \bar{H} C - PI, \ C \% Ps \ PIC - PrPiPsPIC - PrP^{\circ} C''$
 $PiC - P \cdot PSC \bar{H} PsPjC \bar{r} \ PiP \mu C \bar{H} C - PsPrC \bar{r} \ PrC \bar{H} C \bar{r} PiPsPiPs \ C, P^{\circ} \ C, C \bar{H} P \mu C, C \bar{H} PsPiPs$
 $C, C \bar{H} P \bar{e} PjP \mu C \bar{I} C, C \bar{H} C - PI \ C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r} \ PiP \gg PsPrP^{\circ} \ C \bar{r} \ P \gg C \bar{H} PrP \bar{e} PSP \bar{e}.$

PJ $PrPsC \bar{I} P \gg C - PrP \bar{I} P \mu PSPSC \bar{I} C \dots \ P \mu PjP \pm C \bar{H} C - PsC, P \mu C, P^{\circ} P \gg C \bar{H} PSPsPiPs$
 $PIPSC \bar{r} C, C \bar{H} C - C \bar{e} PSC \bar{H} PsC \bar{r} C, C \bar{H} PsP \pm PSPsPiPs \ C \bar{H} PsP \cdot PIP \bar{e} C, PeC \bar{r} \ C \% C \bar{r} C \bar{H} C - PI \ C, P^{\circ}$
 $PeC \bar{H} PsP \gg C - PI \ PrP^{\circ} P \bar{I} P^{\circ} PiP \gg C - C, P \gg PsP \cdot P \bar{e} PS \ PIPiPsPrP \bar{e} P \gg P \bar{e} \ PiC \bar{H} PsC, C \bar{I} PiPsPj \ PiP \mu C \bar{H} C - PsPrC \bar{r}$
 $PsC \bar{H} PIP^{\circ} PSPsPiP \mu PSP \mu P \cdot C \bar{r}, \ C \% Ps \ PIC - PrPiPsPIC - PrP^{\circ} C'' \ PiP \mu C \bar{H} C \bar{e} PsPjC \bar{r}$
 $C, C \bar{H} P \bar{e} PjP \mu C \bar{I} C, C \bar{H} C \bar{r} \ PIP^{\circ} PiC - C, PSPsC \bar{I} C, C - C \bar{r} \ P \gg C \bar{H} PrP \bar{e} PSP \bar{e}. \ Pj \ C \% C \bar{r} C \bar{H} C - PI$

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. P|Pμ 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 PḡCḡPsP»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°.

PḡP±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»**). PḡPrPSP°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 PiCḡPëP±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

$$\text{в} \text{т} \text{ж} \quad \text{P} \text{u} \text{P} \text{s} \text{C} \text{†} \text{P}^{\circ} \text{C}, \text{P} \text{e} \text{P} \text{s} \text{P} \text{I} \text{C} \text{r} \quad \text{P} \text{r} \text{P} \text{s} \text{P} \cdot \text{C} \text{r} \quad \text{P} \gg \text{C} - \text{P} \text{e} \text{P}^{\circ} \text{C} \text{H} \text{C} \text{I} \text{C} \text{H} \text{P} \text{e} \text{P} \text{s} \text{P} \text{i} \text{P} \text{s} \quad \text{P} \cdot \text{P}^{\circ} \text{C} \text{I} \text{P} \text{s} \text{P} \pm \text{C} \text{r} \quad \text{P} \text{b} \text{C} \text{I} \text{C} - \text{P} \text{i} \text{P} \text{r} \text{C} \text{r} \text{P} \text{s}$$

$P_4C_7P\ddot{e}P_iP\ddot{e}PSP_\mu PSPSC_{II} P \cdot P^\circ C\acute{I}C, PsC\acute{I}C\acute{z}PIP^\circ PSPSC_{II} P \gg C - PeP^\circ C_7C\acute{I}CHPePsPiPs P \cdot P^\circ C\acute{I}PsP \pm C\acute{z} C \ddagger P_\mu C_7P_\mu P \cdot P_iC_7PsPIP_\mu PrP_\mu PSPSC_{II} PsP \pm C\acute{I}C, P_\mu P \P P_\mu PSCH C - P \cdot P \cdot P^\circ C\acute{I}C, PsC\acute{I}C\acute{z}PIP^\circ PSPSC_{II} Pj P \mathbb{N} PsPrPsPIP^\circ PSP\ddot{e}C... PePsPSC, C_7P^\circ C\acute{I}C, PSP\ddot{e}C... C_7P_\mu C \ddagger PsPIP\ddot{e}PS$

РµР°С†С-С"РSC,Р°Рј, СЇРёС- РјР°СҢС,СҢ РІ Р°РSP°РјРSPµР·С- Р·Р°С...РІРScҢСҢРІР°РSPSCЇ
РіРµС†С-РSPёРё, Р°Р»РёРPsРіРsР»С-Р·Рј Р°Р±Рs СІРµСҢС†РµРІСІС
РSPµРРPsСІС,Р°С,РSC-СІС,СҢ, С,Р° РіР°С†С-С"РSC,Р°Рј, СЇРёРёРј Р±С†РРС†С,СҢ
РІРІРPsРРёС,Рё Р№РsРРPsРІРјС-СІРSC- РёРsРSC,СҢР°СІС,РSC- СҢРµС†РsРІРёРSPё
РІРSCС†С,СҢС-СёРSCҢРsР°СҢС,РµСҢС-Р°Р»СҢРSPs, РSPµРsР±С...С-РРSPs
РіСҢРёРёРёРSPёС,Рё Р·Р°СІС,РsСІС†РРІР°РSPSCЇ РҗСІС-РіРРС†Рs РµСҢРsР»РsРSPі РSP°
С±Р°СІ РіСҢРsРІРµРµРSPSCЇ РіСҢРsС†РµРРС†СҢРё РsР±СІС,РµР¶РµРSPSCЇ, С%Рs
РіРµСҢРµРРР±Р°Р°С" РІРІРµРµРµРSPSCЇ Р№РsРРPsРІРјС-СІРSPёС...
РёРsРSC,СҢР°СІС,РSPёС... СҢРµС†РsРІРёРSP, Р°Р±Рs РРPs РSPµС—. Р§РµСҢРµРµ 48 РіРsРРёРёРSP
РіС-СІР»СЇ РіСҢРsС†РµРРС†СҢРё СІР»С-РР РіРsРІС,РsСҢРSPs РsС†С-РSPёС,Рё СҢРёРРРРРРР,
СЇРёС%Рs С,,С†РSPёС†С-СЇ РSPёСҢРsРё РІРёСЇРІРёС,СҢСІСЇ СІС,Р°Р±С-Р»СҢРSPsСҢ,
Р·Р°СІС,РsСІС†РРІР°РSPSCЇ Р»С-РёР°СҢСІСҢРёРsРі Р·Р°СІРsР±СІ РҗСІС-РіРРС†Рs
РµСҢРsР»РsРSPі РјРsР¶РSP° РіРsРSPsРІРёС,Рё (РРРёРІ. СҢРsР·РРС-Р»
В«РҢСІРsР±Р»РёРPsСІС,С- Р·Р°СІС,РsСІС†РРІР°РSPSCЇВ»).

*РјРёРјС†РµРРІРsРІРµ РіСҢРёРёРёРSPµРSPSCЇ Р·Р°СІС,РsСІС†СҗРІР°РSPSCЇ
Р»С-РёР°СҢСІСҢРёРsРі Р·Р°СІРsР±СІ РРР»СЇ РіСҢРsРІРµРµРSPSCЇ РsРіРµСҢР°С†С-С—*

РµРµСҢРµРР СІРµСҢР№Р№РsР·РSPёРјРё С...С-СҢСІСҢРіС-С±РSPёРјРё РІС,СҢСІС†Р°РSPSCЇРјРё
Р°Р±Рs РіСҢРsС†РµРРС†СҢРёРё, РіРsРІВҢ™ СЇР·Р°РSPёРјРё Р· С,СҢРёРРІР°Р»Р»Рё
РіРsР»РsРРРС†РРІР°РSPSCЇРј, СІР»С-РР РіСҢРёР·Р·СІРёРSPёС,Рё РіСҢРёР№Р№РsРј
Р»С-РёРаСҢСІСҢРёРsРі Р·РµРРСҢСІСҢРёРs Р·Р°СІРsР±СІ РҗСІС-РіРРС†Рs РµСҢРsР»РsРSPі
С%РsРSP°Р№РјРSCёРµ РSP° 3 РРSC-, СЇРёС%Рs С†Рµ РјРsР¶РР»РёРРs. РµСҢРёРёР№РsРј
РҗСІС-РіРРС†Рs РµСҢРsР»РsРSPі РјРsР¶РSP° РІС-РРSPsРІРёС,Рё, РёРsР»Рё СІС,Р°РPS
РіР°С†С-С"РSC,Р° РёР»С-РSC-С±РSPs СІС,Р°Р±С-Р»СҢРSPёР№ С- РІС-РS РјРsР¶Рµ
РІР¶РёРРІР°С,Рё С—Р¶СІ РіРµСҢРsСҢР»Р»СҢР»СҢРs (РРРёРІ. СҢРsР·РРС-Р»Рё
В«РҢСІРsР±Р»РіРіРsР»РіРsР»РsРіС-С±РSC- РІР»Р°СІС,РёРІPsСІС,С-В»).

Р—Р°СІС,РsСІС†СҗРІР°РSPSCЇ РsСІСРsР±Р»РіРіРі РіСҢСҗРіРіР°Рј РіР°С†С-С"РSC,С-РІ

Р—Р°СІС,РsСІС†СҗРІР°РSPSCЇ РіР°С†С-С"РSC,Р°Рј Р»С-С,РSCҢРsРіРs РІС-РёСҗ

РҗСІС-РіРРС†Рs РµСҢРsР»РsРSPі

РёРµРјРјР°С" РSPµРsР±С...С-РРSPsСІС,С- СІ Р·РјС-РSC- СҢРµР¶РіР РРPsР·РРІР°РSPSCЇ
Р»С-РёРаСҢСІСҢРёРsРі Р·РаСІРsР±СІ РҗСІС-РіРРС†Рs РµСҢРsР»РsРSPі РРР»СЇ
РіР°С†С-С"РSC,С-РІ Р·Р°Р»Р¶РSPs РІС-РР РІС-РёСІ. Р РµР�РsРјРSPРС†С"С,СҢСІСЇ
Р±С-Р»СҢСё С±Р°СІС,Рs РіСҢРsРІРsРРРёС,Рё РsС†С-РSPёСІ С,,С†РSPёС†С-С— РSPёСҢРsРё СІ
РіР°С†С-С"РSC,С-РІ Р»С-С,РSCҢРsРіРs РІС-РёСІ.

Р"Р°РіРРіР»Р»С-С,,Р»РsР·РёРSP

Р' РsР±ВҢ™ С"РРSP°РSC-Р№ РіСҢСІРіС- РіРаС†С-С"РSC,С-РІ, СЇРёС- Р±СҢР°Р»Рё
СІС†Р°СІС,СҢ СІ 21 РіРsРРІС-Р№РSPs СІР»С-РіРsРјСІ РёРsРSC,СҢРsР»СҢРsРІР°РSPsРјСІ
РёР»С-РSC-С±РSPsРјСІ РРPsСІР»С-РРРµРµРSPSC- Р РsС†С-РSPёР РµС,,РµРёС,РёРІPsСІС,С-
Р·РаСІС,РsСІС†РРІР°РSPSCЇ РРРіРРіР»Р»С-С,,Р»РsР·РёРSPСІ РРР»СЇ РіРsРёСҢРаСҢРµРSPSCЇ
РіР»С-РёРµРјРјС-С±РSPsРіРs РёРsРSC,СҢРsР»СҢ, Р·РРіРР»Р»РsРј 1424 (24 %) Р· 5936
РіРаС†С-С"РSC,С-РІ, СЇРёС- РsС,СҢРёРіРРІРР»Р»Р»Р»Р»Р»Р»Р»Р» Р»С-РёСІРРІР°РSPSCЇ
РРРРіРРіР»Р»С-С,,Р»РsР·РёРSPsРј, Р±СІР»Рё РІС-РёРsРј РІС-РР 65 СҢРsРёС-РІ, Р° 207 (3,5 %)
РіРаС†С-С"РSC,С-РІ РјР»Р»Р» РІС-Рё 75 СҢРsРёС-РІ С,Р° Р±С-Р»СҢСёРµРµ. РµС-СІР»СЇ
РіСҢРsРІРµРµРSPSCЇ РјРsРSC-С,РsСҢРёРSPіСІ РSPёСҢРёРsРІС— С,,С†РSPёС†С-С—

(C₇H₅PEP₇α) P±C₇PI P·C₇PsP±P»P_μPSPEP₇N₆ PIPëC₇PS₇PIPsPe, C%₀Ps
P_μC,,P_μPeC,PëPI₇SC-C₇C,CH₅ P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P»C-PeP°C₇C₇CH₅PePsPiPs
P·P°C₇PsP±C₇ P₇P°C₇C-C''PSC,P°P₇Pë PIC-PePsP₇ PrPs 65 C₇PsPeC-PI C- P₇P°C₇C-C''PSC,P°P₇Pë
PIC-PePsP₇ P₇PsPSP°Pr 65 C₇PsPeC-PI P±C₇P»P° C₇C...PsP₇PsC₇. P₇ P₇P°C₇C-C''PSC,C-PI
PIC-PePsP₇ ≥ 65 C₇PsPeC-PI P₇PsP±C-C₇PSC- C₇P_μP°PeC₇C-C— C₇ PIPëPiP»C₇PIPrC-
PiC-P₇PsC,P_μPSP·C-C— PIPëPSPëPeP»Pë C₇ P±C-P»CH₅C₇PsPiPs PIC-PrC₇PsC,PeP° C,PëC...,
PePsPiPs P»C-PeC₇PIP°P»Pë PrP°P₇P°PiP»C-C,,P»PsP·PëPSPsP₇ (PrPëPI. C₇PsP·PrC-P»Pë
B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B» C,P° B«P_μPsP±C-C₇PSC-
C₇P_μP°PeC₇C-C-B»).

P₇hP_μC,C,,PsC₇P₇JC-PSC₇ PiC-PrC₇PsC...P»PsC₇PëPr

P₇PsPSC,C₇PsP»CH₅PsPIP°PSC- PeP»C-PSC-C₇PSC- PrPsC₇P»C-PrP₇PIP_μPSPSC₇
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P₇P_μC,C,,PsC₇P₇JC-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°C₇PëC,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 P₇PsP»PsPrC₇PsPiPs PIC-PeC₇. P—P°PiP°P»PsP₇ 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_μPIP°PSC-C₇C,CH₅ P₇PsC₇PëPSP°C₇C₇Pë P· PSPëP₇PSCH₅PsPiPs P·PSP°C₇P_μPSPSC₇
PrC-P°P₇P°P·PsPSC₇ PrPsP·, P· PsPiP»C₇PIPrC₇ PSP° P±C-P»CH₅C₇C₇ C₇P°C₇C,PsC,C₇
P₇PsPiC-C₇C₇PeP_μPSPSC₇ C,,C₇PSPeC₇C-C— P₇P_μC₇C-PSPePë, PSPëC₇PsPe P°P±Ps C₇P_μC₇C₇C₇
P° C,P°PePsP₇ PSP°C₇PIPSC-C₇C,CH₅ C₇C₇PiC₇C,PSC-C... P·P°C...PIPsC₇CH₅PIP°PSC₇ P°P±Ps
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ C-PSC₇PëC... P»C-PeP°C₇C₇CH₅PePëC... P·P°C₇PsP±C-PI C,P°
PIPëC%₀PëP₇N₆ C₇PëP·PëPe C₇PsP·PIPëC,PeC₇ P»P°PeC,PsP°C₇PëPrPsP·C₇. P_μP°C₇C-C''PSC,P°P₇
P»C-C,PSCH₅PsPiPs PIC-PeC₇ C₇P_μPePsP₇P_μPSP₇PsPIP°PSP° P±C-P»CH₅C₇ C₇P°C₇C,P°
PsC₇C-PSPeP° C,,C₇PSPeC₇C-C— PSPëC₇PsPe (PrPëPI. C₇PsP·PrC-P»
B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B»).

P_μPsC₇C₇C₇PeP_μPSPSC₇ C,,C₇PSPeC₇C-C— PSPëC₇PsPe

P—P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C,,P»PsP·PëPSC₇ PSP_μ
C₇P_μPePsP₇P_μPSP₇PrC₇C''C,CH₅C₇C₇, C₇PeC%₀Ps C₇PEP₇α C₇C,P°PSPsPIPëC,CH₅ P₇P_μPSC₇PeP_μ
45 P₇P»/C...PI/1,73 P₇² (PrPëPI. C₇PsP·PrC-P»Pë [B«P₇Y₇PIPsC₇C-P± P·P°C₇C,PsC₇C₇PIP°PSPSC₇
C,P° PrPsP·PëB»](#) C,P° B«PhC₇PsP±P»PëPIPsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇B»), C-
PiC₇PsC,PëP₇PsPeP°P·P°PSP_μ P₇P°C₇C-C''PSC,P°P₇ C-P· PSPëC₇PePsPIPsC₇
PSP_μPrPsC₇C,P°C,PSCH₅C₇C, C,C₇PIP₇PePsPiPs C₇C,C₇PiP_μPSC₇ (C₇PEP₇α P₇P_μPSC₇PeP_μ
30 P₇P»/C...PI/1,73 P₇²) P°P±Ps C,P_μC₇P₇JC-PSP°P»CH₅PSPsC₇ C₇C,P°PrC-C''C₇ C...PIPsC₇PsP±Pë
PSPëC₇PsPe (PrPëPI. C₇PsP·PrC-P» B B«P_μC₇PsC,PëP₇PsPeP°P·P°PSPSC₇B»).

P—P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C,,P»PsP·PëPSC₇ PIPëPIC₇P°P»PsC₇C₇ C₇
PrPIPsC... PrPsC₇P»C-PrP₇PIP_μPSPSC₇C... PiP»C-PeP_μP₇JC-C₇PSPsPiPs PePsPSC,C₇PsP»C₇,
C₇PeC- PIPeP»C₇C₇P°P»Pë P₇P°C₇C-C''PSC,C-PI C-P· P₇PsC₇C₇C₇PeP_μPSPSC₇P₇ C,,C₇PSPeC₇C-C—
PSPëC₇PsPe P₇PsP₇JC-C₇PSPsPiPs C₇C,C₇PiP_μPSC₇ (C₇PEP₇α PIC-Pr 45 PrPs
60 P₇P»/C...PI/1,73 P₇² C,P° C₇PEP₇α PIC-Pr 30 PrPs 60 P₇P»/C...PI/1,73 P₇²).

P_μC₇PsC,,C-P»CH₅ P±P_μP·P₇P_μPePë PrP°P₇P°PiP»C-C,,P»PsP·PëPSC₇ PI P₇P°C₇C-C''PSC,C-PI C-P·
C₇PEP₇α PIC-Pr 45 PrPs 60 P₇P»/C...PI/1,73 P₇² P±C₇PI C₇C...PsP₇PIPëP₇N₆ P· C,P°PePëP₇ PI
P·P°PiP°P»CH₅PSC-PN₆ P₇PsP₇C₇P»C₇C₇C-C— P₇P°C₇C-C''PSC,C-PI C-P· C₇C₇PeC₇PsPIPëP₇
PrC-P°P±P_μC,PsP₇ 2-PiPs C,PëPiC₇. P₇PsC₇P° PI P₇P°C₇C-C''PSC,C-PI PiC₇C₇PiPë
P·P°C₇C,PsC₇C₇PIP°PSPSC₇ PrP°P₇P°PiP»C-C,,P»PsP·PëPSC₇ PIC-PrP₇JC-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.

$P''P^{\circ}P_iP^{\circ}P_iP \gg C-C, P \gg PsP \cdot P\ddot{e}PS$

PJ C $\overline{H}$ P $^{\circ}$ P·C- P $\ddot{i}$ P μ C $\overline{H}$ P μ PrPsP·C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ PSp μ PsP $\pm$ C...C-PrPSPs P·PIP μ C $\overline{H}$ PSC $\acute{r}$ C,P $\ddot{e}$ C $\acute{r}$ C $\overline{C}$
PrPs P $\gg$ C-PeP $^{\circ}$ C $\overline{H}$ C $\overline{C}$ P $^{\circ}$ P $\pm$ Ps PrPs C,PsPeC $\acute{r}$ P $\ddot{e}$ PePsP $\gg$ PsPiC-C $\ddagger$ PSPsPiPs C $\ddagger$ P μ PSC,C $\overline{H}$ C $\acute{r}$.
P'P $\ddot{e}$ PIP μ PrP μ PSPSC $\overline{C}$ PrP $^{\circ}$ P $\ddot{i}$ P $^{\circ}$ P $\ddot{i}$ P $\gg$ C-C,,P $\gg$ PsP·P $\ddot{e}$ PSC $\acute{r}$ P·P $^{\circ}$ PrPsP $\ddot{i}$ PsPjPsPiPsC $\overline{H}$
PiP μ PjPsPrC-P $^{\circ}$ P $\gg$ C-P·C $\acute{r}$ PSp μ PIP $\ddot{e}$ PIC $\ddagger$ P $^{\circ}$ P $\gg$ PsC $\acute{r}$ C $\overline{C}$.

$P_{\overline{H}}P_{\mu}C,C,,PsC\overline{H}PjC-PSC\acute{z} PiC-PrC\overline{H}PsC...P \gg PsC\overline{H}P\ddot{e}Pr$

P'C $\acute{r}$ P $\gg$ P $\ddot{e}$ P·P $^{\circ}$ C $\overline{H}$ P μ C''C $\acute{r}$ C,C $\overline{H}$ PsPIP $^{\circ}$ PSC- PIP $\ddot{e}$ P $\ddot{i}$ P $^{\circ}$ PrPeP $\ddot{e}$ P $\ddot{i}$ P μ C $\overline{H}$ P μ PrPsP·C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$
PjP μ C,C,,PsC $\overline{H}$ PjC-PSC $\acute{r}$ PiC-PrC $\overline{H}$ PsC...P $\gg$ PsC $\overline{H}$ P $\ddot{e}$ PrC $\acute{r}$, P·PsPeC $\overline{H}$ P μ PjP $^{\circ}$
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ P $\gg$ C-PeP $^{\circ}$ C $\overline{H}$ C $\acute{r}$ CHPePsPiPs P·P $^{\circ}$ C $\acute{r}$ PsP $\pm$ C $\acute{r}$ PI PrPsP·P $^{\circ}$ C... > 50 Pi.
P μ C $\overline{H}$ Ps C $\overline{H}$ PsP·PIP $\ddot{e}$ C,PsPe P $\gg$ P $^{\circ}$ PeC,PsP $^{\circ}$ C $\ddagger$ P $\ddot{e}$ PrPsP·C $\acute{r}$ P $\ddot{i}$ PsPIC-PrPsPjP $\gg$ C $\overline{C}$ P $\gg$ PsC $\acute{r}$ C $\overline{C}$
PiC $\overline{H}$ P $\ddot{e}$ P $\pm$ P $\gg$ P $\ddot{e}$ P·PSPs PI 32 % PIP $\ddot{e}$ P $\ddot{i}$ P $^{\circ}$ PrPeC-PI P $\ddot{i}$ P μ C $\overline{H}$ P μ PrPsP·C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$
PjP μ C,C,,PsC $\overline{H}$ PjC-PSC $\acute{r}$ (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$ B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C-
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$). P $\overline{H}$ P μ C,C,,PsC $\overline{H}$ PjC-PS PiC-PrPrP $^{\circ}$ C''C,CHC $\acute{r}$ C $\overline{C}$ PrC-P $^{\circ}$ P $\gg$ C-P·C $\acute{r}$
P·PeP $\gg$ C-C $\overline{H}$ P μ PSC $\acute{r}$ PsPj PrPs 170 PjP $\gg$ /C...PI P·P $^{\circ}$ C $\acute{r}$ PjPsPI PSP $^{\circ}$ P $\gg$ P μ P $\overline{H}$ PSPsC—
PiP μ PjPsPrP $\ddot{e}$ PSP $^{\circ}$ PjC-PeP $\ddot{e}$. P $\ddot{y}$ P $^{\circ}$ PeP $\ddot{e}$ Pj C $\ddagger$ P $\ddot{e}$ PSPsPj, PrP $\gg$ C $\overline{C}$ P $\ddot{i}$ P $^{\circ}$ C $\ddagger$ C-C''PSC,C-PI, C $\acute{r}$ C $\overline{C}$ PeP $\ddot{e}$ C...
PiC-PrPsP·C $\overline{H}$ C $\overline{H}$ C''C,CHC $\acute{r}$ C $\overline{C}$ P $\ddot{i}$ P μ C $\overline{H}$ P μ PrPsP·C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ PjP μ C,C,,PsC $\overline{H}$ PjC-PSC $\acute{r}$,
PiP μ PjPsPrC-P $^{\circ}$ P $\gg$ C-P· PjPsP $\overline{H}$ P μ P $\pm$ C $\acute{r}$ C,P $\ddot{e}$ PePsC $\overline{H}$ P $\ddot{e}$ C $\acute{r}$ PSP $\ddot{e}$ Pj PrP $\gg$ C $\overline{C}$ PIP $\ddot{e}$ PIP μ PrP μ PSPSC $\overline{C}$
PSP $^{\circ}$ PePsPiP $\ddot{e}$ C $\ddagger$ P μ PSPsPiPs P $\gg$ C-PeP $^{\circ}$ C $\overline{H}$ C $\acute{r}$ CHPePsPiPs P·P $^{\circ}$ C $\acute{r}$ PsP $\pm$ C $\acute{r}$.

$P_{\mu}PsP \pm C-C \ddagger PSC- C\overline{H}P_{\mu}P^{\circ}PeC \ddagger C-C-.$

P'P $^{\circ}$ P $\overline{H}$ P $\gg$ P $\ddot{e}$ PIC- P $\ddot{i}$ PsP $\pm$ C-C $\ddagger$ PSC- C $\overline{H}$ P μ P $^{\circ}$ PeC $\ddagger$ C-C— PIPeP $^{\circ}$ P·P $^{\circ}$ PSC- PSP $\ddot{e}$ P $\overline{H}$ C $\ddagger$ P μ C,P $^{\circ}$ C $\acute{r}$
C-PSC ϵ P $\ddot{e}$ C... C $\overline{H}$ PsP·PrC-P $\gg$ P $^{\circ}$ C... C-PSC $\acute{r}$ C,C $\overline{H}$ C $\acute{r}$ PeC $\ddagger$ C-C— PrP $\gg$ C $\overline{C}$ PjP μ PrP $\ddot{e}$ C $\ddagger$ PSPsPiPs
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$;

в $\overline{H}$ ÿ P $\gg$ P $^{\circ}$ PeC,PsP $^{\circ}$ C $\ddagger$ P $\ddot{e}$ PrPsP· (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$ B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C-
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ PrC-P $^{\circ}$ P $\pm$ P μ C,P $\ddot{e}$ C $\ddagger$ PSP $\ddot{e}$ P $\overline{H}$ PeP μ C,PsP $^{\circ}$ C $\ddagger$ P $\ddot{e}$ PrPsP· C $\acute{r}$ P $\ddot{i}$ P $^{\circ}$ C $\ddagger$ C-C''PSC,C-PI C-P·
C $\ddagger$ C $\acute{r}$ PeC $\overline{H}$ PsPIP $\ddot{e}$ Pj PrC-P $^{\circ}$ P $\pm$ P μ C,PsPj 1-PiPs C,P $\ddot{e}$ PiC $\acute{r}$ C,P $^{\circ}$ C-PSC ϵ C- C,P $\ddot{e}$ PiP $\ddot{e}$
PeP μ C,PsP $^{\circ}$ C $\ddagger$ P $\ddot{e}$ PrPsP·C $\acute{r}$ (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$ B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C-
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ P·PjP μ PSC ϵ P μ PSPSC $\overline{C}$ PsP $\pm$ в $\overline{H}$ [™]C''PjC $\acute{r}$ C $\overline{H}$ C-PrP $\ddot{e}$ PSP $\ddot{e}$ (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$
B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C- P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ C $\acute{r}$ C $\overline{H}$ PsC $\acute{r}$ P μ PiC $\acute{r}$ P $\ddot{e}$ C $\acute{r}$ C,P $^{\circ}$ PiC-C''P $\gg$ PsPSP μ C,,C $\overline{H}$ P $\ddot{e}$ C, (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$
B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C- P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ P· P $\gg$ C-PeP $^{\circ}$ C $\overline{H}$ C $\acute{r}$ CHPeP $\ddot{e}$ PjP $\ddot{e}$ P·P $^{\circ}$ C $\acute{r}$ PsP $\pm$ P $^{\circ}$ PjP $\ddot{e}$, C $\%_0$ Ps
C $\acute{r}$ PiC $\overline{H}$ P $\ddot{e}$ C $\ddagger$ P $\ddot{e}$ PSC $\overline{C}$ C $\overline{H}$ C,CH C $\overline{H}$ PsP·PIP $\ddot{e}$ C,PsPe PiC-PiPsPiP $\gg$ C-PeP μ PjC-C— (PrP $\ddot{e}$ PI.
C $\overline{H}$ PsP·PrC-P $\gg$ B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C- P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ PSP μ PeC $\overline{H}$ PsC,P $\ddot{e}$ C $\ddagger$ PSP $\ddot{e}$ P $\overline{H}$ C,,P $^{\circ}$ C $\acute{r}$ C $\ddagger$ C-C—C, PiC $\overline{H}$ PsPjP μ P $\overline{H}$ P $\ddot{e}$ PSP $\ddot{e}$ (PiP $^{\circ}$ PSPiC $\overline{H}$ P μ PSP $^{\circ}$
P $\acute{x}$ C $\acute{r}$ C $\overline{H}$ PSCHC'') (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-P $\gg$ B $\ll$ PhC $\acute{r}$ PsP $\pm$ P $\gg$ P $\ddot{e}$ PIPsC $\acute{r}$ C,C-
P·P $^{\circ}$ C $\acute{r}$ C,PsC $\acute{r}$ C $\acute{r}$ PIP $^{\circ}$ PSPSC $\overline{C}$ B $\gg$);

в $\overline{H}$ ÿ PePsPSC $\ddagger$ P μ PSC,C $\overline{H}$ P $^{\circ}$ C $\ddagger$ C-C— PIC-C,P $^{\circ}$ PjC-PSC $\acute{r}$ B $_{12}$ (PrP $\ddot{e}$ PI. C $\overline{H}$ PsP·PrC-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,CHCfCf 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,CHCfCf 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,CHCfCf 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»Cf 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°PSPSCf 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¶PµPSPSCf
PjPsPSPSc,PµCґP°PiC-C— PjPµC,C,,PsCґPjC-PSPsPj C- PrPsCfP»C-PrP¶PµPSPSCf
PePsPjP±C-PSPsPIP°PSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf 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¶PµPSPSCf
CґP°PSPSCHPsC— PePsPjP±C-PSPsPIP°PSPSc— C,PµCґP°PiC-C— PjPµC,C,,PsCґPjC-PSPsPj, P°
C,P°PePsP¶ 2 PrPsCfP»C-PrP¶PµPSPSCf P·P° CfC†P°CfC,Cґ PiP°C†C-C"PSC,C-PI P·
CfPµCґC†PµPIPs-CfCfPrPëPSPSPëPj P·P°C...PIPsCґCHPIP°PSPSCfPj (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°PSPSCf (PjPµC,C,,PsCґPjC-PS CfPe P±P°P·PsPIP°
C,PµCґP°PiC-Cf). P"P»Cf CfC†P°CfC,C- Cf PrPsCfP»C-PrP¶PµPSPSCfC..., PiC-Pr C†P°Cf
CfPePëC... P·P°P±PµP·PiPµC†CfPIP°P»PsCfCf PiCґPsPIPµPrPµPSPSCf P±P°P·PsPIPsC—
C,PµCґP°PiC-C— C-P· P·P°CfC,PsCfCfPIP°PSPSCfPj P°P±Ps P±PµP·
P·P°CfC,PsCfCfPIP°PSPSCf 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°PSPSCf PjPµC,C,,PsCґPjC-PSPsPj. Pj C...PsPrC-
PiCґPsPIPµPrPµPSPSCf 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°PSPSCf
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¶PµPSPSCfC... CfPµCґPµPrPSCf 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;

[illegible]

		% $PiP^{\circ}C\uparrow C-C''PSC, C-PI$	
		$P\check{h}PSP^{\circ}P\gg C-P. PrP^{\circ}PSP\check{e}C... 8 PsP\pm\check{e}T^{\text{TM}} C''PrPSP^{\circ}PSP\check{e}C... PiP\gg P^{\circ}C\uparrow P\mu P\pm Ps-$	
		$PePsPSC, C\check{T}PsP\gg CHPsPIP^{\circ}PSP\check{e}C... PrPsC\check{T}P\gg C-PrP\check{T}P\mu PSC\check{H}$	
$P\mu PsP\pm C-C\uparrow PSP^{\circ}$		$P\mu P\gg P^{\circ}C\uparrow P\mu P\pm Ps C- P''P^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\check{e}PSP''P^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\check{e}PS$	
$C\check{T}P\mu P^{\circ}PeC\uparrow C-C\check{I}$		$PjP\mu C, C,,PsC\check{T}PjC-PSC\acute{z} PrPsP\cdot C- 5 PjPi C- C\acute{z} PrPsP\cdot C- 10 PjPi C-$	
		$N=1185 PjP\mu C, C,,PsC\check{T}PjC-PS N=410 PjP\mu C, C,,PsC\check{T}PjC-PS N=983$	
$P''C\check{T}P\check{e}P\pm PePsPIC-$	1,5	9,4	9,3
$C-PSC,,P\mu PeC\uparrow C-C-$			
$C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C...$			
$PsC\check{T}PiP^{\circ}PSC-PI C\acute{r} P\check{T}C-PSPsPe^*$			
$P\acute{K}P^{\circ}P\cdot PsC,,P^{\circ}C\check{T}P\check{e}PSPiC-C,$	5,9	6,3	5,2
$P\uparrow PSC,,P\mu PeC\uparrow C-C-$	3,6	6,1	5,5
$C\check{T}P\mu C\uparrow PsPIP\check{e}PIC-PrPSP\check{e}C...$			
$C\check{E}P\gg C\check{I}C...C-PI^{\text{B}\check{H}}$			
$P''C-P^{\circ}C\check{T}P\mu C\check{I}$	5,6	5,9	4,2
$P''PsP\gg PsPIPSP\check{e}PN\check{e} P\pm C-P\gg CH\check{B}$	2,8	5,4	3,3
$P''C\check{T}P\check{e}P\pm PePsPIC-$	0	4,3	3,6
$C-PSC,,P\mu PeC\uparrow C-C-$			
$C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C...$			
$PsC\check{T}PiP^{\circ}PSC-PI C\acute{r}$			
$C\uparrow PsP\gg PsPIC-PeC-PI^{\text{B}\check{H}\check{Y}}$			
$P''C\check{T}P\check{e}Pi$	2,4	4,1	2,6
$P\acute{K}C\acute{r}PrPsC, P^{\circ}$	2,0	3,9	2,6
$P^{\circ}C-P\gg CH\check{B} C\acute{r} C\check{T}PiP\check{e}PSC-$	3,2	3,4	2,5
$P-P^{\circ}PiP^{\circ}PjPsC\check{T}PsC\uparrow P\mu PSPSCI\check{I}$	2,2	3,2	1,8
$P\check{L}P^{\circ}C\check{E}P\mu P\gg CH\check{B}$	1,9	3,2	1,4
$P-P^{\circ}PeC\check{T}P\mu Pi$	1,6	2,9	1,9
$P''P\check{e}C\check{T}P\gg C-PiC-PrP\mu PjC-C\check{I}$	1,4	2,7	1,5
$P\check{K}P^{\circ}C\check{T}P\check{e}PSPiC-C,$	1,1	2,7	1,5
$P-P\pm C-P\gg CH\check{B}C\check{E}P\mu PSPSCI\check{I}$	1,4	2,4	2,6
$C\uparrow P^{\circ}C\check{T}C, PsC, P\check{e}$			
$C\check{T}P\mu C\uparrow PsPIP\check{e}PiC\acute{r}C\check{T}PeP^{\circ}PSPSCI\check{I}^{\text{B}\check{S}}$			
$P''P\check{e}C\check{T}PePsPjC,,PsC\check{T}C, PiC\check{T}P\check{e}$	1,1	2,2	1,6
$C\check{T}P\mu C\uparrow PsPIP\check{e}PiC\acute{r}C\check{T}PeP^{\circ}PSPSC-$			

* $P''C\check{T}P\check{e}P\pm PePsPIC- C-PSC,,P\mu PeC\uparrow C-C- C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C... PsC\check{T}PiP^{\circ}PSC-PI$
 $PsC...PsPiP\gg C\check{H}C\check{H}C, CH\check{B} C, P^{\circ}PeC- PiPsP\pm C-C\uparrow PSC- C\check{T}P\mu P^{\circ}PeC\uparrow C-C-$,
 $PiP\mu C\check{T}P\mu C\check{T}P^{\circ}C...PsPIP^{\circ}PSC- PI PiPsC\check{T}C\check{I}PrPeC\acute{r} P\cdot PjP\mu PSC\check{E}P\mu PSPSCI\check{I} C\uparrow P^{\circ}C\check{T}C, PsC, P\check{e},$
 $C\check{I}PeC- C\check{T}PiPsC\check{T}C, P\mu C\check{T}C-PiP^{\circ}P\gg P\check{e}C\check{T}C\check{I} C\acute{r} P\check{T}C-PSPsPe:$
 $PIC\acute{r}P\gg CH\check{B}IPsPIP^{\circ}PiC-PSP^{\circ}P\gg CH\check{B}PSP^{\circ} PiC\check{T}P\check{e}P\pm PePsPIP^{\circ} C-PSC,,P\mu PeC\uparrow C-C\check{I},$
 $PIP^{\circ}PiC-PSP^{\circ}P\gg CH\check{B}PSP^{\circ} C-PSC,,P\mu PeC\uparrow C-C\check{I}, C-PSC,,P\mu PeC\uparrow C-C\check{I} C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C...$
 $PsC\check{T}PiP^{\circ}PSC-PI, PIC\acute{r}P\gg CH\check{B}IPsPIP^{\circ}PiC-PSC-C,, PiC\check{T}P\check{e}P\pm PePsPIP^{\circ} C-PSC,,P\mu PeC\uparrow C-C\check{I}$
 $C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C... PsC\check{T}PiP^{\circ}PSC-PI, PIC\acute{r}P\gg CH\check{B}IPsPIP^{\circ}PiC-PSP^{\circ}P\gg CH\check{B}PSP\check{e}PN\check{e}$
 $PeP^{\circ}PSPPr\check{e}PrPsP\cdot, P^{\circ}P\pm C\check{T}C\uparrow P\mu C\check{T} PIC\acute{r}P\gg CH\check{B}IP\check{e}, PiP\mu PSC-C, P^{\circ}P\gg CH\check{B}PSP\check{e}PN\check{e}$
 $PeP^{\circ}PSPPr\check{e}PrPsP\cdot C, P^{\circ} P\pm P^{\circ}PeC, P\mu C\check{T}C-P^{\circ}P\gg CH\check{B}PSP\check{e}PN\check{e} PIP^{\circ}PiC-PSC-C,,$
 $(P\check{L}C-P\gg CH\check{B}PeC-C\check{T}C, CH\check{B} (N) P\check{T}C-PSPsPe: PiP\gg P^{\circ}C\uparrow P\mu P\pm Ps C- PjP\mu C, C,,PsC\check{T}PjC-PS = 534,$
 $PrP^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\check{e}PS C\acute{r} PrPsP\cdot C- 5 PjPi C- PjP\mu C, C,,PsC\check{T}PjC-PS 223,$
 $PrP^{\circ}PiP^{\circ}PiP\gg C-C,,P\gg PsP\cdot P\check{e}PS C\acute{r} PrPsP\cdot C- 10 PjPi C- PjP\mu C, C,,PsC\check{T}PjC-PS = 430).$

$^{\text{B}\check{H}} P\uparrow PSC,,P\mu PeC\uparrow C-C- C\check{T}P\mu C\uparrow PsPIP\check{e}PIC-PrPSP\check{e}C... C\check{E}P\gg C\check{I}C...C-PI PsC...PsPiP\gg C\check{H}C\check{H}C, CH\check{B}$
 $C, P^{\circ}PeC- PiPsP\pm C-C\uparrow PSC- C\check{T}P\mu P^{\circ}PeC\uparrow C-C-, PiP\mu C\check{T}P\mu C\check{T}P^{\circ}C...PsPIP^{\circ}PSC- PI PiPsC\check{T}C\check{I}PrPeC\acute{r}$
 $P\cdot PjP\mu PSC\check{E}P\mu PSPSCI\check{I} C\uparrow P^{\circ}C\check{T}C, PsC, P\check{e}: C-PSC,,P\mu PeC\uparrow C-C\check{I} C\check{T}P\mu C\uparrow PsPIP\check{e}PIC-PrPSP\check{e}C...$
 $C\check{E}P\gg C\check{I}C...C-PI, C\uparrow P\check{e}C\check{T}C, P\check{e}C,, PiC-C''P\gg PsPSP\mu C,,C\check{T}P\check{e}C,, C\acute{r}C\check{T}P\mu C, C\check{T}P\check{e}C, C-$
 $PiC\check{T}PsC\check{T}C, P^{\circ}C, P\check{e}C,,$

$^{\text{B}\check{H}\check{Y}} P''C\check{T}P\check{e}P\pm PePsPIC- C-PSC,,P\mu PeC\uparrow C-C- C\check{T}C, P^{\circ}C, P\mu PIP\check{e}C... PsC\check{T}PiP^{\circ}PSC-PI$
 $PsC...PsPiP\gg C\check{H}C\check{H}C, CH\check{B} C, P^{\circ}PeC- PiPsP\pm C-C\uparrow PSC- C\check{T}P\mu P^{\circ}PeC\uparrow C-C-$,
 $PiP\mu C\check{T}P\mu C\check{T}P^{\circ}C...PsPIP^{\circ}PSC- PI PiPsC\check{T}C\check{I}PrPeC\acute{r} P\cdot PjP\mu PSC\check{E}P\mu PSPSCI\check{I} C\uparrow P^{\circ}C\check{T}C, PsC, P\check{e},$

$C\bar{I}P\bar{e}C - C\bar{I}P\bar{i}PsC\bar{I}C, P_{\mu}C\bar{H}C - P\bar{i}P^{\circ}P \gg P\bar{e}C\bar{I}CH \text{ } C\bar{r} \text{ } C\bar{I}PsP \gg PsPIC - PeC - PI: P \pm P^{\circ}P \gg P^{\circ}PSC - C,,$
 $PiC\bar{H}P\bar{e}P \pm PePsPIP^{\circ} C - PSC,, P_{\mu}PeC\bar{I}C - C\bar{I} C\bar{I}C, P^{\circ}C, P_{\mu}PIP\bar{e}C... PsC\bar{H}P\bar{i}P^{\circ}PSC - PI,$
 $PeP^{\circ}PSP\bar{r}P\bar{e}P\bar{r}PsP \cdot PSP\bar{e}PN_{\bar{e}} P \pm P^{\circ}P \gg P^{\circ}PSC - C,, PiP_{\mu}PSC - C, P^{\circ}P \gg CH\bar{P}SP\bar{e}PN_{\bar{e}} PeP^{\circ}PSP\bar{r}P\bar{e}P\bar{r}PsP \cdot,$
 $C - PSC,, P_{\mu}PeC\bar{I}C - C\bar{I} C\bar{I}C, P^{\circ}C, P_{\mu}PIP\bar{e}C... PsC\bar{H}P\bar{i}P^{\circ}PSC - PI, P \cdot P^{\circ}P\bar{i}P^{\circ}P \gg P_{\mu}PSPSC\bar{I}$
 $PeC\bar{H}P^{\circ}PN_{\bar{e}}PSC\bar{H}PsC - P\bar{i}P \gg PsC, C - C, P^{\circ} P \pm P^{\circ}P \gg P^{\circ}PSPsPiPsC\bar{I}C, P\bar{e}C,, (P_{\bar{H}}C - P \gg CH\bar{P}PeC - C\bar{I}C, CH\bar{H} (N)$
 $C\bar{I}PsP \gg PsPIC - PeC - PI: P\bar{i}P \gg P^{\circ}C\bar{I}P_{\mu}P \pm Ps C - PjP_{\mu}C, C,, PsC\bar{H}PjC - PS = 651,$
 $PrP^{\circ}P\bar{i}P^{\circ}PiP \gg C - C,, P \gg PsP \cdot P\bar{e}PS \text{ } C\bar{r} \text{ } PrPsP \cdot C - 5 PjPi C - PjP_{\mu}C, C,, PsC\bar{H}PjC - PS = 187,$
 $PrP^{\circ}P\bar{i}P^{\circ}PiP \gg C - C,, P \gg PsP \cdot P\bar{e}PS \text{ } C\bar{r} \text{ } PrPsP \cdot C - 10 PjPi C - PjP_{\mu}C, C,, PsC\bar{H}PjC - PS = 553).$

^{B8} $P - P \pm C - P \gg CH\bar{C}P_{\mu}PSPSC\bar{I} C\bar{I}P^{\circ}C\bar{I}C, PsC, P\bar{e} C\bar{I}P_{\mu}C\bar{I}PsPIP\bar{e}P\bar{i}C\bar{r}C\bar{I}PeP^{\circ}PSPSC\bar{I}$
 $PsC...PsP\bar{i}P \gg CH\bar{C}^{\circ} C, P^{\circ}PeC - P\bar{i}PsP \pm C - C\bar{I}PSC - C\bar{H}P_{\mu}P^{\circ}PeC\bar{I}C - C - , P\bar{i}P_{\mu}C\bar{H}P_{\mu}C\bar{H}P^{\circ}C...PsPIP^{\circ}PSC - PI$
 $P\bar{i}PsC\bar{H}C\bar{I}PrPeC\bar{r} P \cdot PjP_{\mu}PSC\bar{e}P_{\mu}PSPSC\bar{I} C\bar{I}P^{\circ}C\bar{I}C, PsC, P\bar{e}: P\bar{i}PsP \gg P^{\circ}PeC - C\bar{r}C\bar{H}C - C\bar{I},$
 $P\bar{i}PsP \gg C - C\bar{r}C\bar{H}C - C\bar{I} C - P\bar{i}C - PrPIP\bar{e}C\%P_{\mu}PSP\bar{e}PN_{\bar{e}} PrC - C\bar{r}C\bar{H}P_{\mu}P \cdot.$

$P_{\bar{H}}P_{\mu}C, C,, PsC\bar{H}PjC - PSC\acute{e} PiC - PrC\bar{H}PsC...P \gg PsC\bar{H}P\bar{e}Pr$

$Pj P\bar{i}P \gg P^{\circ}C\bar{I}P_{\mu}P \pm Ps - PePsPSC, C\bar{H}PsP \gg CH\bar{P}PsPIP^{\circ}PSP\bar{e}C... PrPsC\bar{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I}C...$
 $PjPsPSPsC, P_{\mu}C\bar{H}P^{\circ}PiC - C - PjP_{\mu}C, C,, PsC\bar{H}PjC - PSPsPj P\bar{i}C\bar{H}PsP \gg PsPSPiPsPIP^{\circ}PSPsC - PrC - C -$
 $PIP\bar{e}P\bar{i}P^{\circ}PrPeP\bar{e} PrC - P^{\circ}C\bar{H}P_{\mu}C - C - PSC\bar{r}PrPsC, P\bar{e}/P \pm P \gg CH\bar{P}IP^{\circ}PSPSC\bar{I} P \pm C\bar{r}P \gg P\bar{e}$
 $P \cdot P^{\circ}C\bar{H}P_{\mu}C^{\circ}C\bar{I}C, C\bar{H}PsPIP^{\circ}PSC - PI > 5 \% P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI, C\bar{I}PeC - PsC, C\bar{H}P\bar{e}PjC\bar{r}PIP^{\circ}P \gg P\bar{e}$
 $P \gg C - PeC\bar{r}PIP^{\circ}PSPSC\bar{I} PjP_{\mu}C, C,, PsC\bar{H}PjC - PSPsPj, C - C\bar{I}P^{\circ}C\bar{I}C, C - C\bar{e}P_{\mu}, PSC - P\bar{I} C\bar{r}$
 $P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI P \cdot P\bar{i}C\bar{H}C\bar{r}P\bar{i}P\bar{e} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} P\bar{i}P \gg P^{\circ}C\bar{I}P_{\mu}P \pm Ps$
 $(PrC - P^{\circ}C\bar{H}P_{\mu}C\bar{I}: 9,6 \% P\bar{i}PsC\bar{H}C - PIPSC\bar{I}PSPs P \cdot 2,6 \%; PSC\bar{r}PrPsC, P^{\circ}/P \pm P \gg CH\bar{P}IP^{\circ}PSPSC\bar{I}: 6,5 \%$
 $P\bar{i}PsC\bar{H}C - PIPSC\bar{I}PSPs P \cdot 1,5 \%). P_{\mu}PsC\bar{I}PIP^{\circ} PrC - P^{\circ}C\bar{H}P_{\mu}C - P\bar{i}C\bar{H}P\bar{e}P \cdot PIP_{\mu}P \gg P^{\circ} PrPs$
 $P\bar{i}C\bar{H}P\bar{e}P\bar{i}P\bar{e}PSP_{\mu}PSPSC\bar{I} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} PrPsC\bar{I}P \gg C - PrP\bar{I}C\bar{r}PIP^{\circ}PSPsPiPs$
 $P \gg C - PeP^{\circ}C\bar{H}C\bar{I}CH\bar{P}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C\bar{r} PI 0,6 \% P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI, C\bar{I}PeC -$
 $PsC, C\bar{H}P\bar{e}PjC\bar{r}PIP^{\circ}P \gg P\bar{e} P \gg C - PeC\bar{r}PIP^{\circ}PSPSC\bar{I} PjP_{\mu}C, C,, PsC\bar{H}PjC - PSPsPj$
 $P\bar{i}C\bar{H}PsP \gg PsPSPiPsPIP^{\circ}PSPsC - PrC - C -.$

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

$P''P^{\circ}P\bar{i}P^{\circ}PiP \gg C - C,, P \gg PsP \cdot P\bar{e}PS \text{ } C\bar{r} \text{ } PrPsP \cdot C - 10 PjPi PsC\bar{I}C - PSC\bar{H}PIP^{\circ}P \gg P\bar{e} PI PeP \gg C - PSC - C\bar{I}PSP\bar{e}C...$
 $PrPsC\bar{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I}C... P \cdot P^{\circ} C\bar{r}C\bar{I}P^{\circ}C\bar{I}C, C - P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI P \cdot C\bar{I}C\bar{r}PeC\bar{H}PsPIP\bar{e}Pj$
 $PrC - P^{\circ}P \pm P_{\mu}C, PsPj 2 - PiPs C, P\bar{e}P\bar{i}C\bar{r}, P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI C - P \cdot C\bar{I}P_{\mu}C\bar{H}C\bar{I}P_{\mu}PIP\bar{e}C\bar{H}$
 $PSP_{\mu}PrPsC\bar{I}C, P^{\circ}C, PSC - C\bar{I}C, CH\bar{H} C, P^{\circ} P\bar{i}P^{\circ}C\bar{I}C - C^{\circ}PSC, C - PI P \cdot C...C\bar{H}PsPSC - C\bar{I}PSP\bar{e}PjP\bar{e}$
 $P \cdot P^{\circ}C...PIP\bar{e}C\bar{H}PIP^{\circ}PSPSC\bar{I}PjP\bar{e} PSP\bar{e}C\bar{H}PsPe. P - P^{\circ}P\bar{i}P^{\circ}P \gg CH\bar{P}SP\bar{e}PN_{\bar{e}} P\bar{i}C\bar{H}PsC,, C - P \gg CH\bar{H}$
 $P \pm P_{\mu}P \cdot P\bar{i}P_{\mu}PeP\bar{e} PrP^{\circ}P\bar{i}P^{\circ}PiP \gg C - C,, P \gg PsP \cdot P\bar{e}PSC\bar{r} P \pm C\bar{r}PI P\bar{i}PsC\bar{I}P \gg C - PrPsPIPSP\bar{e}Pj P\bar{i}C\bar{H}P\bar{e}$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC - P \cdot P^{\circ} PIC\bar{I}C - PjP^{\circ} PrPsC\bar{I}P \gg C - PrP\bar{I}C\bar{r}PIP^{\circ}PSP\bar{e}PjP\bar{e}$
 $P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\bar{I}PjP\bar{e}. Pj PrPsC\bar{I}P \gg C - PrP\bar{I}P_{\mu}PSPSC\bar{I}C... DAPA - HF C, P^{\circ} DAPA - CKD PSP_{\mu}$
 $P \pm C\bar{r}P \gg Ps PIP\bar{e}C\bar{I}PIP \gg P_{\mu}PSPs P\bar{I}PsPrPSP\bar{e}C... PSPsPIP\bar{e}C... P\bar{i}PsP \pm C - C\bar{I}PSP\bar{e}C...$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{I}C - PN_{\bar{e}}.$

$P_{\bar{H}}PSP^{\circ}P \gg C - P \cdot PsP \pm e\bar{H}^{\text{TM}} C''PrPSP^{\circ}PSP\bar{e}C... PrP^{\circ}PSP\bar{e}C... 12$
 $P\bar{i}P \gg P^{\circ}C\bar{I}P_{\mu}P \pm Ps - PePsPSC, C\bar{H}PsP \gg CH\bar{P}PsPIP^{\circ}PSP\bar{e}C...$
 $PrPsC\bar{I}P \gg C - PrP\bar{I}P_{\mu}PSC\bar{H} P \gg C - PeC\acute{e}PIP^{\circ}PSPSC\bar{I}$
 $PrP^{\circ}P\bar{i}P^{\circ}PiP \gg C - C,, P \gg PsP \cdot P\bar{e}PSPsPj C\acute{e} PrPsP \cdot P^{\circ}C... 5 C -$
 $10 PjPi PrP \gg C\bar{I} P\bar{i}P \gg C - PeP_{\mu}PjC - C\bar{I}PSPsPiPs$

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±Cr.
P¶PµChPµPrPSC-PNë PIC-Pe PiPsPiCrP»C¶C†C-C— CfC,P°PSPsPIPëPI 55 ChPsPeC-PI C- 2 %
PsCfC-P± P±CrP»Pë PIC-PePsPj PIC-Pr 75 ChPsPeC-PI. 50 % PiPsPiCrP»C¶C†C-C—
CfC,P°PSPsPIPëP»Pë C†PsP»PsPIC-PePë; 81 % PsCfC-P± P±CrP»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†CrPeChPsPIPëPNë 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-PeChPsCfCrPrPëPSPSC-
CrCfPeP»P°PrPSPµPSPSCl C†CrPeChPsPIPsiPs PrC-P°P±PµC,Cr. PαCrPSPeC†C-C¶
PSPëChPsPe PSP° PIPëC...C-PrPSPsPjCr ChC-PIPSC- P±CrP»P° PSPsChPjP°P»CHPSPsCH
P°P±Ps P·P»PµPiPeP° PiPsChCrC¶PµPSPsCH Cr 92 % PiP°C†C-C°PSC,C-PI, PiPsPjC-ChPSPs
PiPsChCrC¶PµPSPsCH бґ“ Cr 8 % PiP°C†C-C°PSC,C-PI (CfPµChPµPrPSCl ChPëPµPα бґ“
86 PjP»/C...PI/1,73 Pj²).

PJ C,P°P±P»PëC†C- 7 PSP°PIPµPrPµPSC- PSP°PNëP±C-P»CHC¶ C†P°CfC,C- PiPsP±C-C†PSC-
ChPµP°PeC†C-C—, PiPsPiбґ™ C¶P·P°PSC- C-P· P·P°CfC,PsCfCrPIP°PSPSClPj
PrP°PiP°PiP»C-C,,P»PsP·PëPSCr. PjC- PiPsP±C-C†PSC- ChPµP°PeC†C-C— P±CrP»Pë
PIC-PrCfCrC,PSC- PSP° PIPëC...C-PrPSPsPjCr ChC-PIPSC-, ChPµC°CfC,ChCrPIP°P»PëCfC¶
C†P°CfC,C-C¶Pµ Cr PiChCrPiC- P»C-PeCrPIP°PSPSCl PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj, PSC-P¶
Cr PiChCrPiC- P·P°CfC,PsCfCrPIP°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-PeCrPIP°PSPSCl PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cr PrPsP·C-
5 PjPi P°P±Ps 10 PjPi.

Р̃P°P±P»PëC†CЦ 7

***РμPsP±C-C‡PSC- CЦPμP°PeC†C-C—,
P·P°CЦPμC"СІC, CЦPsPIP°PSC- Cэ PİP»P°C†PμP±Ps-
PePsPSC, CЦPsP»CЦPsPIP°PSPëC...
PrPsCІP»C-PrP¶PμPSPSCЦC... PiP»C-PePμPjC-C‡PSPsPiPs
PePsPSC, CЦPsP»CЦ Cэ ≥ 2 % PİP°C†C-C"PSC, C-PI, CЦPeC-
PsC, CЦPëPjCэPIP°P»Pë P»C-PeCэPIP°PSPSCЦ
PrP°PİP°PiP»C-C,,P»PsP·PëPSPsPj***

	% PİP°C†C-C"PSC, C-PI <i>PhPSP°P»C-P· PsP±6Ц C"PrPSP°PSPëC... PrP°PSPëC... 12B</i> <i>PİP»P°C†PμP±Ps-PePsPSC, CЦPsP»CЦPsPIP°PSPëC...</i> <i>PrPsCІP»C-PrP¶PμPSCЦ</i> <i>PμP»P°C†PμP±PsP"°PİP°PiP»C-C,,P»PsP·PëPSP"°PİP°PiP»C-C,,P»PsP·PëPS</i> <i>N=1393 5 PjPi 10 PjPi</i> <i> N=1145 N=1193</i>		
<i>PμPsP±C-C‡PSP° CЦPμP°PeC†C-CЦ</i>			
P"СЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CІC, P°C, PμPIPëC... PsCЦPiP°PSC-PI C† P¶C-PSPsPe*	1,5	8,4	6,9
PќP°P·PsC,,P°CЦPëPSPiC-C, P†PSC,,PμPeC†C-C— CІPμC‡PsPIPëPIC-PrPSPëC...	6,2 3,7	6,6 5,7	6,3 4,3
C€P»CЦC...C-PI ^в P'C-P»CЦ C† CІPİPëPSC- P—P±C-P»CЦC€PμPSPSCЦ C‡P°CІC, PsC, Pë CІPμC‡PsPIPëPiC†CІP°P°PSPSCЦ ^в	3,2 1,7	3,1 2,9	4,2 3,8
P"СЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CІC, P°C, PμPIPëC... PsCЦPiP°PSC-PI C† C‡PsP»PsPIC-PeC-PI ^в	0,3	2,8	2,7
PќC†PrPsC, P° P"СЦPëPi P"PëCІP»C-PiC-PrPμPjC-CЦ P—P°PeCЦPμPi P"PëCІPePsPjC,,PsCЦC, PiCЦPë CІPμC‡PsPIPëPiC†CІP°P°PSPSC- P'C-P»CЦ C† 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"СЦPëP±PePsPIC- C-PSC,,PμPeC†C-C— CІC, P°C, PμPIPëC... PsCЦPiP°PSC-PI
PsC...PsPiP»CЦCЦC, CЦ C, P°PeC- PiPsP±C-C‡PSC- CЦPμP°PeC†C-C—,
PiPμCЦPμCЦP°C...PsPIP°PSC- PI PiPsCЦCЦPrPeC† P·PjPμPSC€PμPSPSCЦ C‡P°CІC, PsC, Pë,
CЦPeC- CІPiPsCІC, PμCЦC-PiP°P»PëCІCЦ C† P¶C-PSPsPe:
PIC†P»CЦPiPsPIP°PiC-PSP°P»CЦPSP° PiCЦPëP±PePsPIP° C-PSC,,PμPeC†C-CЦ,
PIP°PiC-PSP°P»CЦPSP° C-PSC,,PμPeC†C-CЦ, PIC†P»CЦPiPsPIP°PiC-PSP°P»CЦPSPëPN
PeP°PSPPrPëPrPsP·, PIC†P»CЦPiPsPIP°PiC-PSC-C,, C-PSC,,PμPeC†C-CЦ CІC, P°C, PμPIPëC...
PsCЦPiP°PSC-PI, PiPμPSC-C, P°P»CЦPSPëPN PeP°PSPPrPëPrPsP·, PiCЦPëP±PePsPIP°
C-PSC,,PμPeC†C-CЦ CІC, P°C, PμPIPëC... PsCЦPiP°PSC-PI, PIC†P»CЦPiC-C,, C-PSC,,PμPeC†C-CЦ
CІPμC‡PsCІC, P°C, PμPiPsPiPs C, CЦP°PeC, C†, P°P±CІC†PμCІ PIC†P»CЦPiPë C, P°

$P \pm P^\circ PeC, P_\mu C \bar{H} C - P^\circ P \gg CH \bar{H} PSP \bar{e} PN \bar{e} \quad PIP^\circ PiC - PSC - C, . (P \bar{H} C - P \gg CH \bar{H} PeC - C \bar{I} C, CH \bar{H} (N) \quad P \bar{I} C - PSPsPe:$
 $P \bar{i} P \gg P^\circ C \bar{I} P_\mu P \pm Ps = 677, PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad C \bar{r} \quad PrPsP \cdot C - 5 \quad PjPi = 581,$
 $PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad C \bar{r} \quad PrPsP \cdot C - 10 \quad PjPi = 598).$

^{Бҗ} $P \bar{I} PSC, P_\mu PeC \bar{I} C - C - C \bar{I} P_\mu C \bar{I} PsPIP \bar{e} PIC - PrPSP \bar{e} C \dots C \bar{e} P \gg C \bar{I} C \dots C - PI \quad PsC \dots PsP \bar{i} P \gg CH \bar{H} C, CH \bar{H}$
 $C, P^\circ PeC - P \bar{i} PsP \pm C - C \bar{I} PSC - CH \bar{H} P_\mu P^\circ PeC \bar{I} C - C - , P \bar{i} P_\mu CH \bar{H} P_\mu CH \bar{H} P^\circ C \dots PsPIP^\circ PSC - PI \quad P \bar{i} PsC \bar{H} C \bar{I} PrPeC \bar{r}$
 $P \cdot PjP_\mu PSC \bar{e} P_\mu PSPSC \bar{I} \quad C \bar{I} P^\circ C \bar{I} C, PsC, P \bar{e}: C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C \bar{I} P_\mu C \bar{I} PsPIP \bar{e} PIC - PrPSP \bar{e} C \dots$
 $C \bar{e} P \gg C \bar{I} C \dots C - PI, C \bar{I} P \bar{e} C \bar{I} C, P \bar{e} C, , PIP \bar{e} PeP \gg P \bar{e} PeP^\circ PSP^\circ \quad Escherichia \quad C - PSC, P_\mu PeC \bar{I} C - C \bar{I}$
 $C \bar{I} P_\mu C \bar{I} PsPIP \bar{e} PIC - PrPSP \bar{e} C \dots C \bar{e} P \gg C \bar{I} C \dots C - PI, C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C \bar{I} P_\mu C \bar{I} PsC \bar{I} C, P^\circ C, P_\mu PIPsPiPs$
 $C, CH \bar{H} P^\circ PeC, C \bar{r}, PiC - C'' P \gg PsPSP_\mu C, CH \bar{H} P \bar{e} C, , C, CH \bar{H} P \bar{e} PiPsPSC - C, , C \bar{r} CH \bar{H} P_\mu C, CH \bar{H} P \bar{e} C, ,$
 $PSP \bar{e} CH \bar{H} PePsPIP^\circ \quad C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C - P \bar{i} CH \bar{H} PsC \bar{I} C, P^\circ C, P \bar{e} C, .$

^{БҗҮ} $P - P \pm C - P \gg CH \bar{H} C \bar{e} P_\mu PSPSC \bar{I} \quad C \bar{I} P^\circ C \bar{I} C, PsC, P \bar{e} \quad C \bar{I} P_\mu C \bar{I} PsPIP \bar{e} P \bar{i} C \bar{r} C \bar{I} PeP^\circ PSPSC \bar{I}$
 $PsC \dots PsP \bar{i} P \gg CH \bar{H} C'' \quad C, P^\circ PeC - P \bar{i} PsP \pm C - C \bar{I} PSC - CH \bar{H} P_\mu P^\circ PeC \bar{I} C - C - , P \bar{i} P_\mu CH \bar{H} P_\mu CH \bar{H} P^\circ C \dots PsPIP^\circ PSC - PI$
 $P \bar{i} PsC \bar{H} C \bar{I} PrPeC \bar{r} \quad P \cdot PjP_\mu PSC \bar{e} P_\mu PSPSC \bar{I} \quad C \bar{I} P^\circ C \bar{I} C, PsC, P \bar{e}: P \bar{i} PsP \gg P^\circ PeC - C \bar{r} CH \bar{H} C - C \bar{I},$
 $P \bar{i} PsP \gg C - C \bar{r} CH \bar{H} C - C \bar{I} \quad C - P \bar{i} C - PrPIP \bar{e} C \% P_\mu PSP \bar{e} PN \bar{e} \quad PrC - C \bar{r} CH \bar{H} P_\mu P \cdot$

^{Бҗ} $P'' CH \bar{H} P \bar{e} P \pm PePsPIC - C - PSC, P_\mu PeC \bar{I} C - C - C \bar{I} C, P^\circ C, P_\mu PIP \bar{e} C \dots \quad PsCH \bar{H} P \bar{i} P^\circ PSC - PI$
 $PsC \dots PsP \bar{i} P \gg CH \bar{H} C, CH \bar{H} \quad C, P^\circ PeC - P \bar{i} PsP \pm C - C \bar{I} PSC - CH \bar{H} P_\mu P^\circ PeC \bar{I} C - C - ,$
 $P \bar{i} P_\mu CH \bar{H} P_\mu CH \bar{H} P^\circ C \dots PsPIP^\circ PSC - PI \quad P \bar{i} PsC \bar{H} C \bar{I} PrPeC \bar{r} \quad P \cdot PjP_\mu PSC \bar{e} P_\mu PSPSC \bar{I} \quad C \bar{I} P^\circ C \bar{I} C, PsC, P \bar{e},$
 $C \bar{I} PeC - C \bar{I} P \bar{i} PsC \bar{I} C, P_\mu CH \bar{H} C - P \bar{i} P^\circ P \gg P \bar{e} C \bar{I} CH \bar{H} \quad C \bar{r} \quad C \bar{I} PsP \gg PsPIC - PeC - PI: P \pm P^\circ P \gg P^\circ PSC - C, ,$
 $P \bar{i} CH \bar{H} P \bar{e} P \pm PePsPIP^\circ \quad C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C \bar{I} C, P^\circ C, P_\mu PIP \bar{e} C \dots \quad PsCH \bar{H} P \bar{i} P^\circ PSC - PI,$
 $PeP^\circ PSP \bar{r} P \bar{e} PrPsP \cdot PSP \bar{e} PN \bar{e} \quad P \pm P^\circ P \gg P^\circ PSC - C, , P \bar{i} P_\mu PSC - C, P^\circ P \gg CH \bar{H} PSP \bar{e} PN \bar{e} \quad PeP^\circ PSP \bar{r} P \bar{e} PrPsP \cdot,$
 $C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C \bar{I} C, P^\circ C, P_\mu PIP \bar{e} C \dots \quad PsCH \bar{H} P \bar{i} P^\circ PSC - PI \quad C \bar{r} \quad C \bar{I} PsP \gg PsPIC - PeC - PI,$
 $C - PSC, P_\mu PeC \bar{I} C - C \bar{I} \quad C \bar{I} C, P^\circ C, P_\mu PIPsPiPs \quad C \bar{I} P \gg P_\mu PSP^\circ, \quad P \pm P^\circ P \gg P^\circ PSPsP \bar{i} PsC \bar{I} C, P \bar{e} C, ,$
 $C - PSC, P_\mu PeC \bar{I} C - PN \bar{e} PSP \bar{e} PN \bar{e} \quad P \pm P^\circ P \gg P^\circ PSPsP \bar{i} PsC \bar{I} C, P \bar{e} C, , \quad C - PSC, P_\mu PeC \bar{I} C - C \bar{I}$
 $C \bar{I} C, P^\circ C, P_\mu PIP \bar{e} C \dots \quad PsCH \bar{H} P \bar{i} P^\circ PSC - PI \quad C - P \cdot P^\circ P \bar{i} P^\circ P \gg P_\mu PSPSC \bar{I} \quad PeCH \bar{H} P^\circ PN \bar{e} PSCH \bar{H} PsC - P \bar{i} P \gg PsC, C -$
 $(P \bar{H} C - P \gg CH \bar{H} PeC - C \bar{I} C, CH \bar{H} (N) \quad C \bar{I} PsP \gg PsPIC - PeC - PI: P \bar{i} P \gg P^\circ C \bar{I} P_\mu P \pm Ps = 716,$
 $PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad C \bar{r} \quad PrPsP \cdot C - 5 \quad PjPi = 564, \quad PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad C \bar{r} \quad PrPsP \cdot C -$
 $10 \quad PjPi = 595).$

$P \bar{H} PSP^\circ P \gg C - P \cdot \quad PsP \pm \bar{e} \bar{H}^{\text{TM}} C'' PrPSP^\circ PSP \bar{e} C \dots \quad PrP^\circ PSP \bar{e} C \dots \quad 13$
 $P \bar{i} P \gg P^\circ C \bar{I} P_\mu P \pm Ps - PePsPSC, CH \bar{H} PsP \gg CH \bar{H} PsPIP^\circ PSP \bar{e} C \dots$
 $PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSCH \bar{H} \quad P \gg C - PeC \acute{e} PIP^\circ PSPSC \bar{I}$
 $PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PSPsPj \quad C \acute{e} \quad PrPsP \cdot C - 10 \quad PjPi$
 $PrP \gg C \bar{I} P \bar{i} P \gg C - PeP_\mu PjC - C \bar{I} PSPsP \bar{i} Ps \quad PePsPSC, CH \bar{H} PsP \gg CH$

$P'' P^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PS \quad C \bar{r} \quad PrPsP \cdot C - 10 \quad PjPi \quad C, P^\circ PePsP \bar{I} \quad P \pm C \bar{r} PI \quad PsC \bar{I} C - PSP_\mu PSP \bar{e} PN \bar{e} \quad P \cdot P^\circ$
 $PrP^\circ PSP \bar{e} PjP \bar{e} \quad P \pm C - P \gg CH \bar{H} C \bar{e} PsPiPs \quad P \bar{i} P \gg P^\circ C \bar{I} P_\mu P \pm Ps - PePsPSC, CH \bar{H} PsP \gg CH \bar{H} PsPIP^\circ PSPsPiPs$
 $PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSPSC \bar{I} \quad P \bar{i} P \gg C - PeP_\mu PjC - C \bar{I} PSPsPiPs \quad PePsPSC, CH \bar{H} PsP \gg CH \bar{H} . \quad P'' P^\circ PSC -$
 $PsC \dots PsP \bar{i} P \gg CH \bar{H} P \bar{i} P^\circ P \gg P \bar{e} \quad PrP^\circ PSC - /CH \bar{H} P_\mu P \cdot C \bar{r} P \gg CH \bar{H} C, P^\circ C, P \bar{e} \quad 13 \quad P \bar{i} P \gg P^\circ C \bar{I} P_\mu P \pm Ps -$
 $PePsPSC, CH \bar{H} PsP \gg CH \bar{H} PsPIP^\circ PSP \bar{e} C \dots \quad PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSCH \bar{H}, \quad P \cdot PsPeCH \bar{H} P_\mu PjP^\circ \quad 3$
 $PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSCH \bar{H} \quad PjPsPSPsC, P_\mu CH \bar{H} P^\circ P \bar{i} C - C - , \quad 9 \quad PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSCH \bar{H}$
 $PrPsP \bar{i} PsPIPSP_\mu PSPSC \bar{I} \quad PrP^\circ P \bar{i} P^\circ P i P \gg C - C, P \gg PsP \cdot P \bar{e} PSC \bar{r} \quad PrPs \quad PsC \bar{I} PSPsPIPSPsC -$
 $C, P_\mu CH \bar{H} P^\circ P \bar{i} C - C - P \bar{i} CH \bar{H} PsC, P \bar{e} PrC - P^\circ P \pm P_\mu C, P \bar{e} C \bar{I} PSP \bar{e} PjP \bar{e} \quad P \gg C - PeP^\circ CH \bar{H} C \bar{I} CH \bar{H} PeP \bar{e} PjP \bar{e}$
 $P \cdot P^\circ C \bar{I} PsP \pm P^\circ PjP \bar{e}, \quad P^\circ \quad C, P^\circ PePsP \bar{I} \quad PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSPSC \bar{I} \quad CH \bar{H} P^\circ PSPSCH \bar{H} PsC -$
 $PePsPjP \pm C - PSPsPIP^\circ PSPsC - C, P_\mu CH \bar{H} P^\circ P \bar{i} C - C - PjP_\mu C, C, PsCH \bar{H} PjC - PSPsPj. \quad Pj \quad C \dots PsPrC -$
 $P \bar{i} CH \bar{H} PsPIP_\mu PrP_\mu PSPSC \bar{I} \quad C \bar{I} P \bar{e} C \dots \quad 13 \quad PrPsC \bar{I} P \gg C - PrP \bar{I} P_\mu PSCH \bar{H} \quad 2360 \quad P \bar{i} P^\circ C \bar{I} C - C'' PSC, C - PI$
 $PsPrP \bar{e} PS \quad CH \bar{H} P^\circ P \cdot \quad PSP^\circ \quad PrPsP \pm C \bar{r} \quad PsC, CH \bar{H} P \bar{e} PjC \bar{r} PIP^\circ P \gg P \bar{e} \quad P \gg C - PeC \bar{r} PIP^\circ PSPSC \bar{I}$

PrP°PiP°PiP»C-C,,P»PsP·PëPSPsPj Cí PrPsP·C- 10 PjPi C-P· CÍPµCḡPµPrPSCḡPsCḡ
C,CḡPëPIP°P»C-CÍC,Cḡ PµPeCÍPiPsP·PëC†C-C— 22 C,PëP¶PSC-. PŸPµCḡPµPrPSC-PNḡ PIC-Pe
PiPsPiCíP»CÍC†C-C— CÍC,P°PSPsPIPëPI 59 CḡPsPeC-PI, 4 % PsCÍC-P± P±CíP»Pë PIC-PePsPj
PIC-Pr 75 CḡPsPeC-PI. 58 % PiPsPiCíP»CÍC†C-C— CÍC,P°PSPsPIPëP»Pë C†PsP»PsPIC-PePë;
84 % PsCÍC-P± P±CíP»Pë C"PICḡPsPiPµPsC—PrPSPsC— CḡP°CÍPë, 9 % Bḡ"
P°P·C-P°C,CÍCḡPePsPiPs PiPsC...PsPrP¶PµPSPSCÍ C- 3 % Bḡ" PSPµPiCḡPsC—PrPSPsC—
CḡP°CÍPë P°P±Ps P°C,,CḡPsP°PjPµCḡPëPeP°PSC†C-. PḡP° PIPëC...C-PrPSPsPjCí CḡC-PIPSC-
CíC†P°CÍPSPëPePë PrPsCÍP»C-PrP¶PµPSPSCÍ PjP°P»Pë C†CíPeCḡPsPIPëPNḡ PrC-P°P±PµC, C-P·
CÍPµCḡPµPrPSCḡPsCḡ C,CḡPëPIP°P»C-CÍC,Cḡ 9 CḡPsPeC-PI; CÍPµCḡPµPrPSC-PNḡ
CḡC-PIPµPSCḡ HbA1c CÍC,P°PSPsPIPëPI 8,2 %; 30 % CíC†P°CÍPSPëPeC-PI
PrPsCÍP»C-PrP¶PµPSPSCÍ PjP°P»Pë PiC-PrC,PIPµCḡPrP¶PµPSPµ PjC-PeCḡPsCÍCíPrPëPSPSPµ
P·P°C...PIPsCḡCḡPIP°PSPSCÍ. PḡCíPSPeC†C-CÍ PSPëCḡPsPe PSP° PIPëC...C-PrPSPsPjCí
CḡC-PIPSC- P±CíP»P° PSPsCḡPjP°P»CḡPSPsCḡ P°P±Ps P·P»PµPiPeP° PiPsCḡCíCḡPµPSPsCḡ Cí
88 % PiP°C†C-C"PSC,C-PI, PiPsPjC-CḡPSPs PiPsCḡCíCḡPµPSPsCḡ Bḡ" Cí 11 %
PiP°C†C-C"PSC,C-PI (CÍPµCḡPµPrPSCÍ CḡPëPḡPḡ Bḡ" 82 PjP»/C...PI/1,73 Pj²).

P—PjPµPSCḡPµPSPSCÍ PsP±Bḡ™ C"PjCé CḡC-PrPëPSPë

P"°P°PiP°PiP»C-C,,P»PsP·PëPS CÍPiCḡPëC†PëPSCÍC" PsCÍPjPsC,PëC†PSPëPNḡ PrC-CíCḡPµP·,
C°%Ps PjPsP¶Pµ PiCḡPëP·PIPµCÍC,Pë PrPs P·PSPëP¶PµPSPSCÍ
PIPSCíC,CḡC-CḡPSCḡPsCÍCíPrPëPSPSPsPiPs PsP±Bḡ™ C"PjCí. PḡPsP±C-C†PSC-
CḡPµP°PeC†C-C—, PiPsPiBḡ™ CÍP·P°PSC- P·C- P·PjPµPSCḡPµPSPSCÍPj PsP±Bḡ™ C"PjCí
CḡC-PrPëPSPë (PIPeP»CḡC†PSPs P· PiPsPIC-PrPsPjP»PµPSPSCÍPjPë PiCḡPs
P·PSPµPIPsPrPSPµPSPSCÍ, PiC-PiPsPIPsP»PµPjC-Cḡ, PsCḡC,PsCÍC,P°C,PëC†PSCí
PiC-PiPsC,PµPSP·C-Cḡ P°P±Ps P°CḡC,PµCḡC-P°P»CḡPSCí PiC-PiPsC,PµPSP·C-Cḡ), PrP»CÍ
PiCḡCíPi PrPsCÍP»C-PrP¶PµPSCḡ, C°%Ps PsP±Bḡ™ C"PrPSCíPIP°P»Pë 12 C- 13
PePsCḡPsC,PePsCÍC,CḡPsPePsPIPëC... PiP»P°C†PµP±Ps-PePsPSC,CḡPsP»CḡPsPIP°PSPëC...
PrPsCÍP»C-PrP¶PµPSCḡ, C,P° PrP»CÍ PrPsCÍP»C-PrP¶PµPSPSCÍ DECLARE PSP°PIPµPrPµPSPs
PI C,P°P±P»PëC†C- 8 (PrPëPI. CḡPsP·PrC-P» B«PḡCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCÍB»).

PŸP°P±P»PëC†CÍ 8

*PµPsP±C-C†PSC- CḡPµP°PeC†C-C—, PiPsPiBḡ™ CÍP·P°PSC- P·C- P·PjPµPSCḡPµPSPSCÍPj
PsP±Bḡ™ C"PjCé CḡC-PrPëPSPë*, PI PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍC...
P·P°CÍC,PsCÍCíPIP°PSPSCÍ PrP°PiP°PiP»C-C,,P»PsP·PëPSCé*

<i>PµPsPeP°P·PSPëPe</i>	<i>PḡPSP°P»C-P· PrP°PSPëC... 12 PsP±Bḡ™ C"PrPSP°PSPëC... PiP»P°C†PµP±Ps- PePsPSC,CḡPsP»CḡPsPIP°PSPëC... PrPsCÍP»C-PrP¶PµPSCḡ</i>			<i>PḡPSP°P»C-P· PrP°PSPëC... 13 PsP±Bḡ™ C"PrPSP°PSPëC... PiP»P°C†PµP±Ps- PePsPSC,CḡPsP»CḡPsPIP°PSPëC... PrPsCÍP»C-PrP¶PµPSCḡ</i>			<i>P"°PsCÍP»C-PrP¶PµPSPSCÍ DECLARE</i>
	<i>PµP»P°C†PµP±Ps</i>	<i>P"°PiP°PiP»C-- C,,P»PsP·PëPS</i>	<i>P"°PiP°PiP»C-- C,,P»PsP·PëPS</i>	<i>PµP»P°C†PµP±Ps</i>	<i>P"°PiP°PiP»C-- C,,P»PsP·PëPS</i>	<i>10 PjPi</i>	<i>PµP»P°C†PµP±PsC,,P»PsP·PëPS</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°CÍPSPëPeC-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-PrPiCḡCíPiP° PiP°C†C-C"PSC,C-PI, n (%)</i>							
<i>PµP°C†C-C"PSC,Pë,</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,CḡPëPjCíCḡC,Cḡ</i>	(1,8 %)		(9,7 %)	(1,5 %)	(2,5 %)	(6,1 %)	(6,6 %)
<i>PiPµC,P»CḡPsPIC-</i>							
<i>PrC-CíCḡPµC,PëPePë</i>							

P _u P ^o C†C-C"PSC, P _ē P- P _i P _s C†C†C†P _u PSPSC†† C _u C†PSP _ē C†C-C— PSP _ē C†P _s P _e P _i P _s P _j C-C†PSP _s P _i P _s C†C, C†P _i P _u PSC†† C, C†P†P _e P _s C†C, C- P- C†P _ē P _ē P _u ≥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 _ē P _i C-P _e P _s P _j ≥65 C†P _s P _e C-PI	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† P_sP±BTM C"P_jC† C†C-P_rP_ēPSP_ē P_iP_eP»C†C†P^oC"
 P_iP_sP_iC-P_rP_sP_jP»P_uPSPSC† P_iC†P_s P·PSP_uP_iP_sP_rPSP_uPSPSC†, P_iC-P_iP_sP_iP_sP»P_uP_jC-C†,
 P_sC†C, P_sC†C, P^oC, P_ēC†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_eP_uP_jC-C†

P_sP^oC†C, P_sC, P^o P_uP_iC-P·P_sP_rC-PI P_iC-P_iP_sP_iP»C-P_eP_uP_jC-C—, C†P_eC- P±C†P»P_ē
 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†
 P_rP_sC†P»C-P_rP†P_uPSPSC†, PSP^oP_iP_uP_rP_uPSP^o PI C, P^oP±P»P_ēC†C- 9. P·P_iC-P·P_sP_rP_ē
 P_iC-P_iP_sP_iP»C-P_eP_uP_jC-C— C†P_iP_sC†C, P_uC†C-P_iP^oP»P_ēC†C† C†P^oC†C, C-C†P_u, P_eP_sP»P_ē
 P_rP^oP_iP^oP_iP»C-C,, P»P_sP·P_ēP_s P_rP_sP_rP^oP_iP^oP»P_ē P_rP_s C†C†P»C†C,, P_sPSC-P»C†P_uC†P_sP_iP_ēPSP_ē
 P^oP±P_s C-PSC†C†P»C-PSC† (P_rP_ēPI. C†P_sP·P_rC-P» B«P_hC†P_sP±P»P_ēP_iP_sC†C, C-
 P·P^oC†C, P_sC†C†P_iP^oPSPSC†B»).

P_jP^oP±P»P_ēC†C† 9

P_sP^oC†C, P_sC, P^o P_uP_iC-P·P_sP_rC-PI P_iC-P_iP_sP_iP»C-P_eP_uP_jC-C—* C, C†P†P_eP_sP_iP_s
 C†C, C†P_iP_uPSC† C, P^o P_iC-P_iP_sP_iP»C-P_eP_uP_jC-C— B P· C†C-P_iPSP_uP_j P_iP»C†P_eP_sP·P_ē
 < 54 P_jP_i/P_rP»⁶⁷ C† P_eP_sPSC, C†P_sP»C†P_sP_iP^oPSP_ēC... P_eP»C-PSC-C†PSP_ēC...
 P_rP_sC†P»C-P_rP†P_uPSPSC†C... P_iP»C-P_eP_uP_jC-C†PSP_sP_iP_s P_eP_sPSC, C†P_sP»C†

P _u P _s P _e P ^o P·PSP _ē P _e	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 _ē P ^o P _i P ^o P _i P»C-C,, P»P _s P·P _ē	
		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† 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 _ē P†PSC-)			
P·P _i C-P·P _s P _r P _ē C, C†P†P _e P _s P _i P _s	0	0	0
C†C, C†P _i P _u PSC† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _e P _s P·P _ē <	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† 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 _ē P†PSC-)			
P·P _i C-P·P _s P _r P _ē C, C†P†P _e P _s P _i P _s	0	—	1 (0,4)
C†C, C†P _i P _u PSC† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _e P _s P·P _ē <	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† 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 _e C... P _u P _u P _j ⁶⁷ (24 C, P _ē P†PSC-)			
P·P _i C-P·P _s P _r P _ē C, C†P†P _e P _s P _i P _s	1 (0,5)	2 (0,9)	2 (1,0)
C†C, C†P _i P _u PSC† [n (%)]			
P C-PIP _u PSC† P _i P»C†P _e P _s P·P _ē <	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_ē P_iC-P_iP_sP_iP»C-P_eP_uP_jC-C— C, C†P†P_eP_sP_iP_s C†C, C†P_iP_uPSC† P±C†P»P_ē
 P_iP_ēP·PSP^oC†P_uPSC- C†P_e C, C†P†P_eC- P_iP_sC†C†C†P_uPSPSC† C†P_iC-P_rP_sP_jP_sC†C, C- P^oP±P_s
 P_iP_sP_iP_uP_rC-PSP_ēP_ē, C%_oP_s P_iP_ēP_jP^oP_iP^oP»P_ē PSP^oP_rP^oPSPSC† 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-PIPSĬ
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-PIPSĬ
PiP»CĤPePsP·Pë, P° C,P°PePsP¶ PSpμ P±C†P»Pë PePIP°P»C-C,,C-PePsPIP°PSC- CĬPe
PμPĭC-P·PsPrPë C,CĬP¶PePsPiPs CÍ'C,C†PĭPμPSCĬ.

вĤŸB B PμPμPŸ вĤ“ PĭPμCĤPsCĤP°P»CHPSP° 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,C†PĭPμPSCĬ CÍ'PĭPsCÍ'C,PμCĤC-PiP°P»PëCÍ'CĬ Cr 58 (0,7 %) P· 8574
PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjC†PIP°P»Pë P»C-PeC†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,CĤPëPjC†PIP°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±C†P»Pë
P·P°CĤPμC"CÍ'C,CĤPsPIP°PSC- Cr CĤP°P·C- P»C-PeC†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»CHPsPIP°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,CĤPëPjC†PIP°P»Pë PĭP»P°C†PμP±Ps, Cr 5,7 % PĭP°C†C-C"PSC,C-PI, CĬPeC-
PsC,CĤPëPjC†PIP°P»Pë P»C-PeC†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,CĤPëPjC†PIP°P»Pë P»C-PeC†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,CĤPëPjC†PIP°P»Pë PĭP»P°C†PμP±Ps, C- 0,2 % PĭP°C†C-C"PSC,C-PI, CĬPeC-
PsC,CĤPëPjC†PIP°P»Pë P»C-PeC†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). PќP°PNëP±C-P»CHC€
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'CH, P±C†P»Pë
PIC†P»CHPiPsPIP°PiC-PSP°P»CHPSC- 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±C†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±C†P»Pë PIC-PrCÍ'CrC,PSC- (10,0 %, 23,1 % C- 25,0 %
PĭPsCĤC-PIPSĬPSPs P· 0,8 %, 5,9 % C- 5,0 % Cr PiCĤC†PiC- P·P°CÍ'C,PsCÍ'CrPIP°PSPSCĬ
PĭP»P°C†PμP±Ps, PrP°PĭP°PiP»C-C,,P»PsP·PëPSC† PI PrPsP·C- 5 PjPi C-
PrP°PĭP°PiP»C-C,,P»PsP·PëPSC† 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±C†P»Pë
P·P°CĤPμC"CÍ'C,CĤPsPIP°PSC- Cr < 0,1 % PĭP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjC†PIP°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†PiPsPSCfPeP°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†CfPIP°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†CfPeCḡPsPIPëPj PrC-P°P±PμC,PsPj 2-PiPs C,PëPiC† P·
PiPsCḡCfC€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†CfPIP°PSPSC-
PrP°PiP°PiP»C-C,,P»PsP·PëPSC†.

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

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†CfPIP°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,PμCḡPëPSCž
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"°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

$P''P_{\mu}P\ddot{I}P^{\circ}C,PsP\pm C-P\gg C-P^{\circ}C\tilde{H}PSC- C\tilde{H}PsP\cdot P\gg P^{\circ}PrP\ddot{e}: C...PsP\gg P_{\mu}C\dot{I}C,P^{\circ}C,P\ddot{e}C\ddagger PSP_{\mu},$
 $PiP_{\mu}P\ddot{I}P^{\circ}C,PsC\ddagger P_{\mu}P\gg C\tilde{H}P\gg C\dot{I}C\tilde{H}PSP_{\mu} C,P^{\circ} P\cdot PjC-C\epsilon P^{\circ}PSP_{\mu} PiP_{\mu}P\ddot{I}P^{\circ}C,PsC\ddagger P_{\mu}P\gg C\tilde{H}P\gg C\dot{I}C\tilde{H}PSP_{\mu}$
 $C\dot{I}C\tilde{H}P^{\circ}P\|P_{\mu}PSPSC\dot{I} PiP_{\mu}C\ddagger C-PSPeP\ddot{e}.$

$P_{\mu}PsPIC-PrPsPjP\gg P_{\mu}PSPSC\dot{I} PiC\tilde{H}Ps PiC-PrPsP\cdot C\tilde{H}C\tilde{H}PIP^{\circ}PSC- PiPsP\pm C-C\ddagger PSC-$
 $C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C-C-$

$P_{\mu}PsPIC-PrPsPjP\gg P_{\mu}PSPSC\dot{I} PiC\tilde{H}Ps PiPsP\pm C-C\ddagger PSC- C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C-C- PiC-C\dot{I}P\gg C\dot{I}$
 $B C\tilde{H}P_{\mu}C''C\dot{I}C,C\tilde{H}P^{\circ}C\ddagger C-C- P\gg C-PeP^{\circ}C\tilde{H}C\dot{I}C\tilde{H}PePsPiPs P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{I} PjP^{\circ}C'' PIP^{\circ}P\|P\gg P\ddot{e}PIP_{\mu}$
 $P\cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\dot{I}. P|P_{\mu} PrP^{\circ}C'' P\cdot PjPsPiC\dot{I} PiC\tilde{H}PsPIPsPrP\ddot{e}C,P\ddot{e} PjPsPSC-C,PsC\tilde{H}P\ddot{e}PSPi$
 $C\dot{I}PiC-PIPIC-PrPSPSc\epsilon P_{\mu}PSPSC\dot{I} PePsC\tilde{H}P\ddot{e}C\dot{I}C,C\tilde{H}/C\tilde{H}P\ddot{e}P\cdot P\ddot{e}Pe PiC\tilde{H}P\ddot{e}$
 $P\cdot P^{\circ}C\dot{I}C,PsC\dot{I}C\dot{I}PIP^{\circ}PSPSC- C\ddagger C\tilde{H}PsPiPs P\gg C-PeP^{\circ}C\tilde{H}C\dot{I}C\tilde{H}PePsPiPs P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{I}.$
 $P_{\mu}P_{\mu}PrP\ddot{e}C\ddagger PSP\ddot{e}Pj C,P^{\circ} C,,P^{\circ}C\tilde{H}PjP^{\circ}C\ddagger P_{\mu}PIC,P\ddot{e}C\ddagger PSP\ddot{e}Pj PiC\tilde{H}P^{\circ}C\ddagger C-PIPSP\ddot{e}PeP^{\circ}Pj, P^{\circ}$
 $C,P^{\circ}PePsP\| PiP^{\circ}C\ddagger C-C''PSC,P^{\circ}Pj P^{\circ}P\pm Ps C-C...PSC-Pj P\cdot P^{\circ}PePsPSPSP\ddot{e}Pj$
 $PiC\tilde{H}P_{\mu}PrC\dot{I}C,P^{\circ}PIPSP\ddot{e}PeP^{\circ}Pj C\dot{I}P\gg C-Pr PiPsPIC-PrPsPjP\gg C\dot{I}C,P\ddot{e} PiC\tilde{H}Ps C\dot{I}C\dot{I}C-$
 $PIP\ddot{e}P\ddot{I}P^{\circ}PrPeP\ddot{e} PiC-PrPsP\cdot C\tilde{H}C\tilde{H}PIP^{\circ}PSP\ddot{e}C... PiPsP\pm C-C\ddagger PSP\ddot{e}C... C\tilde{H}P_{\mu}P^{\circ}PeC\ddagger C-PN_{\epsilon} C,P^{\circ}$
 $PIC-PrC\dot{I}C\dot{I}C,PSPSc\dot{I}C,C- P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSPSc\dot{I}C,C- P\gg C-PeP^{\circ}C\tilde{H}C\dot{I}C\tilde{H}PePsPiPs P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{I}$
 $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P\cdot P_{\mu}PIC,PsPjP^{\circ}C,P\ddot{e}P\cdot PsPIP^{\circ}PSC\dot{I} C-PSC,,PsC\tilde{H}PjP^{\circ}C\ddagger C-PN_{\epsilon}PSC\dot{I} C\dot{I}P\ddot{e}C\dot{I}C,P_{\mu}PjC\dot{I} P\cdot$
 $C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPSP^{\circ}PiP\gg C\dot{I}PrC\dot{I} P\cdot P^{\circ} PiPsC\dot{I}P\ddot{e}P\gg P^{\circ}PSPSC\dot{I}Pj: <https://aisf.dec.gov.ua>.$

$P\ddot{Y}P_{\mu}C\tilde{H}PjC-PS PiC\tilde{H}P\ddot{e}PrP^{\circ}C,PSPSc\dot{I}C,C-.$

3 $C\tilde{H}PsPeP\ddot{e}.$

$PjPjPsPIP\ddot{e} P\cdot P\pm P_{\mu}C\tilde{H}C-PiP^{\circ}PSPSC\dot{I}.$

$P-P\pm P_{\mu}C\tilde{H}C-PiP^{\circ}C,P\ddot{e} PiC\tilde{H}P\ddot{e} C,P_{\mu}PjPiP_{\mu}C\tilde{H}P^{\circ}C,C\dot{I}C\tilde{H}C- PSP\ddot{e}P\|C\ddagger P_{\mu} 25^{\circ}P\ddot{Y}.$
 $P-P\pm P_{\mu}C\tilde{H}C-PiP^{\circ}C,P\ddot{e} PI PsC\tilde{H}P\ddot{e}PiC-PSP^{\circ}P\gg C\tilde{H}PSC-PN_{\epsilon} C\dot{I}PiP^{\circ}PePsPIC\ddagger C-.$
 $P-P\pm P_{\mu}C\tilde{H}C-PiP^{\circ}C,P\ddot{e} C\dot{I} PSP_{\mu}PrPsC\dot{I}C,C\dot{I}PiPSPsPjC\dot{I} PrP\gg C\dot{I} PrC-C,P_{\mu}PN_{\epsilon} PjC-C\dot{I}C\ddagger C-.$

$PjPiP^{\circ}PePsPIP\epsilon P^{\circ}.$

$P_{\mu}Ps 7 C,P^{\circ}P\pm P\gg P_{\mu}C,PsPe C\dot{I} P\pm P\gg C-C\dot{I}C,P_{\mu}C\tilde{H}C-; PiPs 4 P\pm P\gg C-C\dot{I}C,P_{\mu}C\tilde{H}P\ddot{e} C\dot{I}$
 $PeP^{\circ}C\tilde{H}C,PsPSPSC-PN_{\epsilon} PePsC\tilde{H}PsP\pm C\ddagger C-.$

$P_{\mu}P^{\circ}C,P_{\mu}PiPsC\tilde{H}C-C\dot{I} PIC-PrPiC\dot{I}C\dot{I}PeC\dot{I}.$

$P-P^{\circ} C\tilde{H}P_{\mu}C\ddagger P_{\mu}PiC,PsPj.$

$P^{\circ}P\ddot{e}C\tilde{H}PsP\pm PSP\ddot{e}Pe.$

$P_{\mu}C\dot{I}C,C\tilde{H}P^{\circ}P-P_{\mu}PSP_{\mu}PeP^{\circ} P\propto P^{\circ}C\tilde{H}PjP^{\circ}C\dot{I}C\tilde{H}C\tilde{H}C,P\ddot{e}PeP^{\circ}P\gg C\dot{I} P\cdot P_{\mu} / AstraZeneca$

Pharmaceuticals LP.

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