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>DM_train30

PISKILVANRSEIAIRVFRAANELGIKTVAIWAEEDKLALHRFKADESYQVGRGPHLARDLGPIESYLSIDE
VIRVAKLSGADAIHPGYLLSEPEFVDACNKAGIIFIGPKADTMRQLGNKVAARNLAISVGPVVPAT
EPLPDDMAEVAKMAAAIGYPVMLKASWGGGGRGMRVIRSEADLAKEVTEAKREMAAFGKDEVYL
EKLVERARHVESQILGDTHGNVVHLFERDCSVQRRNQKVVERAPAPYLSEAQRQELAAYS�KIAGAT
NYIGAGTVEYLMADATGKFYFIEVNPRIQVEHTVTEVVTGIDIVKAQIHILDGAAIGTPQSGVPNQEDIR
LNGHALQCRVTTEDPEHNFIPDYGRITAYRSASGFGIRLDGGTSYSGAIITRYYPDLLVKVTAWAPNPL
EAI SRMDRALREFRIRGVATNLTFLAIGHPKFRDINSYTTFRIDTTPELFQQVKRQDRATKLLTYLADVT
VNGHPEAKDRPKPLENAARPVVPYANGNGVKGDTKQLDLTGPKKFGEWMRNEKRVLLDTTMRD
GHQSLATRMRTYDIARIAGTYSHALPNLLSLECWGGATFDVSMRFLTEDPWERLALIREGAPNLLLQ
MLLRGANGVGTYNYPDNVVKYFVRQAAKGGIDLFRVFDCLNWWENMRVSMDAIAEENKLCEAAIC
YTGDI LNSARPKYDLKYTNLAVELEKAGAHIIAVKDMAGLLKPAAAKVLFKALREATGLPIHFHHTDTS
GIAAATVLA AVEAGVDAVDAAMDALSGNTSQPCLGSIVEALSGSERDPGLDPAWIRRISFYWEAVRN
QYAAFESDLKGPASEVYLHEMPGGQFTNLKEQARS LGLETRWHQVAQAYADANQMFGDIVKVTPS
SKVVGD MALMMVSDLTADV VSPDREVSFPESVVSMLKGD LGQPPSGWPEALQKKALKGEKPYT
VRPGSLLKEADLDAERKVIKLEREVSDFEFASYLMYPKVF TDFALASDTYGPVSVLPTPAYFYGLADG
EELFADIEKGKTLVIVNQAVSATDSQGMVTVFFELNGQPRRIKVPDRAHGATGAAVRRKAEPGNAAH
VGAPMPGVISR VFSSGQAVNAGDVLVSI EAMKMETAIHAEKDGTIAEVLVKAGDQIDAKDLLAVYG
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>DM_train36

MTRDEMISVEPEAAELQDQHRRDFLKRSGAAVLSLSLSSLATGVVPGLKDAQAGTKAPGYASWEDI
YRKEWKWDKVN WGSHLNICWPQGSCFYVVRNGI VVREEQAAQTPACNV D YVDYNPLGCQKG
SAFNNNLYGDERVKYPLKRVGKRGEGKWKRVS WDEAAGDI ADSIIDSFEAQGSDGFILDAPHVHAGS

GKTTVSMALEEYLVCHGIPCYTLDGDNIRQGLNKNLGFSPEDREENVRRIAIEVAKLFADAGLVCITSFIS
PYTQDRNNARQIHEGASLPFFEVDAPLHVCEQRDVKGLYKKARAGEIKGFTGIDSEYEKPEAPELVL
KTDSCDVNDVCVQQVVELLQERDIPVDASYEVKELYVPENKLHLAKTDAETLPALKINKVDMQWVQ
VLAEGWATPLNGFMREREYLQCLHFDCLLDGGVINLSVPIVLTATHEDKERLDGCTAFALMYEGRRV
AILRNPEFFEHRKEERCARQWGTTCKNHPYIKMVMEQGDWLIIGDLQVLDREVYVNDGLDQYRLTP
TELKQKFKDMNADAVSAFQLRNPVHNGHALLMQDTHKQLLERYRRPVLLHPLGGWTKDDDVPL
MWRMKQHAAVLEEGVLNPETTVVAIFPSPMMYAGPTEVQWHCRARMVAGANFYIVGRDPAGMP
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GQKPPEGFMAPKAWTVLTEYYKSLEKA

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>DM_train113

LEEKVQCQGTSNKLTQLGTFEDHFLSLQRMFNCEVVLGNLEITYVQRNYDLSFLKTIQEVAGYVLIAL
NTVERIPLNLQIIRGNMYENSALAVLSNYDANKTGLKELPMRNLQEILHGAVRFSNNPALCNVESI
QWRDIVSSDFLSNMSMDFQNHGSCQKCDPSPNGSCWAGEENCQKLTKIICAQQCSGRCRGK
SPSDCCHNQAAGCTGPRESCLVCRKFRDEATCKDTCPLMLYNPTYQMDVNPEGKYSGFATC
VKKCPRNVVTDHGSCVRACGADSYEMEEDGVRKCKCEGPCRKVCNGIGIGEFKDSLSINATNIKH
KNCTSISGDLHILPVAFRGDSFHTPPPLDPQELDILKTVKEITGFLLIQAWPENRTDLHAFENLEIRGRTK
QHGGFSLAVVSLNITSLGLRSLKEISDGDVVISGNKLCYANTINWKKLFGTSGQKTKIISNRGENSCKA
TGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEPRFVENSECIQCHPECLPQAM
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GLEGCPTNGPKIPSI

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>DM_train114

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LPEIDKSLVFCMATYGECDPTDNAQDFYDWLQETDVLTVKFAVFGNGKTYEHFNAMGKYVD
QRLEQLGAQRIFELGLGDDGNLEEDFITWREQFWPAVCEFFGVEATGEESIRQYELVVHEDMDVA
KVYTGEMGRKLSYENQKPPFPAKPNFLAAVTANRKLNQGTERHLMHLELDISDSKIRYESGDHVAVY
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>DM_train136

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APPEFGMKEMRESWKVHVAPEDRPTQQENDWDLENLFSVTLRDAGQIALIDGATYEIKSVLDTGYAV
HISRLSASGRYLFVIGRDGKVN MIDLWMKEPTTVAEIKIGSEARS IETSKMEGWEDKYAIAGAYWPPQY
VIMDGETLEPKKIQRSTRGMTYDEQEYHPEPRVAAILASHYRPEFIVNVKET GKILLVDYTDLDNLKTTEIS
AERFLHDGGLDGSHRYFITAANARNKLVVIDTKEGKLV AIEDTGGQTPHPGRGANFVHPTFGPVWAT
SHMGDDSVALIGTDPEGHPD NAWKILDSFPALGGGSLFIKTHPNSQYLYVDATLNPEAEISG SVAVFD
IKAMTGDGSDPEFKTLPIAEWAGIT EGQPRVVQGEFNKDGTEVWFVWNGK DQESALVVVDDKTLE
LKHHVIKDERLVTPTGKFN VYNTMTDTY

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>DM_train139

GSGAVSIASSKVAQYTSTVPPSHYIETWAKTHPEWKAVEVATGFLGSQKIVTEDW TYKKNLNETANQV
ANLIIHASLHGRAIAVSLDRSLIAFAIIVGIMKSGNTYVPIEAGLPNDRKSFLLRDSRAAMA FVCDNFD
GVELPPETKVLDTKNQSFENLSTQDTS DILNNYPENLDAYLLYTS GSTGTPKGVRVSRHNLSSFS DAW
GKLIGNVAPKSLELGGVGKFLCLASRAFDVHIGEMFLAWRFGLC AVTGERLSMLDDLPRTFRELGV TH
AGIVPSLLDQTGLVPEDAPHLVYLVG VGGEKMPRTQQI WSSSDRVALVNVYGPTEVTIGCSA GRILPD
SDTRCIGHPLGDSVAHV LAPGSNEHVKKGMAGELVIEGSLVANGYLNRPDAKGFCDINGRKM YRTG
DIVRMDADSSILFLGRKDEQVKVRGQRLELGEVSEVIRSL SPTDIDVVTLLL NHPGTSKQFLVSFV ASSG
AAVRGELRWINENYKEINNSLRQACEQ TLPAYMVPDFIIPISFIPLRDTSAKTD AKALEHMFHTLSL GEL
FGESSLVNKPTT

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>DM_train150

MNKKQNFYAAIIVAI FLCLQLSHGSSGV SFEKTPAIKIVGNKFFDSES GEQFFIKGIAYQL QRSEEELSNA
NGAFETSYIDALADPKICLRDIPFLKMLGVN TLRVY AIDPTKSH DICMEALSAEGMYVLLD LSEPDISINR
ENPSWDVHFIFERYKSVIDAMSSFPNLLG YFAGNQVTNDHTNTF ASPFVKAAIRDAKEYISH SNHRKIP
VGYSTND DAMTRDNLARYF VCGDV KADFYGINMYEWCGYSTYGTSGYRERTKEFEGYPIPVFFSEFG
CNLVRPRPFTEVSALYGNKMSSVW SGLAYMYFEEENEYG VVKINDNDGVDILD PDKNLKKEFAKAD
PKGITEEYLTAKEPTEVESV ECPHIAVGVWEANEKLPETPDRSKCACLDEILPCEI VPFGAESGKYEEYFS
YLCSKVDCSDILANGKTGEYGEFSDCSVEQKLSLQLSKLYCKIGANDRH CPLNDKNVYFNLESLQLPTS

>DM_train180

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KITLDNAYMEKCDENILWLDYKNICKVVDVGSKVYVDDGLISLQVKQKGPDLFVTEVENGGFLGSKKG
VNLPGAAVDLPVSEKDIQDLKFGVEQDQDVMVDFASFIRKAADVHEVRKILGEKGKNIKIIKIENHEGV
RRFDEILEASDGIMVARGDLGIEIPAQKVIKQMIIGRCNRAGKPVICATQMLESMIKKPRPTRAEGSD
VANAVLDGADCIMLSGETAKGDYPLEAVRMQHILAREAAMFHRKLFELARSSSHSTDLMAMEA
MGSVEASYKCLAALIVLTESGRSAHQVARYRPRAPIAVTRNHQTARQAHLYRGIFPVVCKDPVQEA
WAEDVDLRVNLMNVGKARGFFKGDVVIVLTGWDPGSGFTNTMRVVPVP

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>DM_train182

GMFPLTEENKHVAQLLLNTGTCPRCIFRFCGVDFHAPYKLPYKELNQLQFLETEKDELILEVMNPPPK
KIRLQELEDSIDNLSQNGEGRISVSHVSTASKNSNLNVCNVCGLILQFCEKDFIKKVCQKVEASGFEE
TSLVFSVFPQPQSVREHAALLVKQEMGKQSLSLGRDDIVQLKEAYKWITHPLFSEELGVPIDGKSLF
EVSVVFAHPETVEDCHFLAAICPDCFKPAKNKQSVFTRMAVMKALNKIKEEPFLKQFPCPPNSPKAVC
AVLEIECAHGAHFVAGRYNKYSRNLQTPWIIDGERKLESSVEELISDHLLAVFKAESFNFSGREDVD
VRTLGNGRPFIAELVNPFRVHFTSQEIKELQKINSSNKIQRDLQLVTREAIGHMKEGEEETKTYS
ALIWTNKAQKQKIDIEFLNDIKDLKIDQKTPLRVLHRRPLAVRARVIHFMETQYVDEHFFRLHLKTQAGT
YIKEFVHGDFGRTPKNIGSLMNVTAIDILELDVESVDVDWPPALDD

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>DM_train186

DQAGKSPNAVRYHGGDEILQGFHWNVVREAPNDWYNILRQQAATAADGFSAIWMPVPWRDFSS
WSDGSKSGGGEGYFWHDFNKNRYGSDAQLRQAASALGGAGVKVLYDVVPHMNRGYPDKIN
LPAGQGFRWNCADPGNYPNDCDDGDRFIGGDADLNTGHPQVYGMFRDEFTNLRQYAGGFR
FDFVRGYAPERVNSWMTDSADNSFCVGELWKGPEYPNWDWRNTASWQQIIKDWSRAKCPVF
DFALKERMQNGSIADWKHGLNPNPDRWREVAVTFVDNHDTGYSPGQNGGQHHWALQDGLIR
QAYAYILTSPGTPVYWDHMYDWGYGDFIRQLIQVRRAGVRADSISFHSGYSLVATVSGSQQT
LVVALNSDLGNPQVQASGSFSEAVNASNGQVRVWRSGTGSGGGEPGALVSVFRCDNGATQMGD
SVYAVGNVSQLGNWSPAAALRLTDTSGYPTWKGSIALPAGQNEEWKCLIRNEANATQVRQWQQG
ANNSLTPSEGATTVGRL

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>DM_train273

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FPREQALGWDQSMLDYLDRNRFEVYKGPNDFFGTLASRPEIYPIYWSQAQMQRARQSEEMANA
QSFLNRLWTFESDGKQWFNPVSVIYPDRIRRRPPGTTSKGLGAHTDSGALERWLLPAYQRFANVF
NGNLAQYDPWHAHRTEVEEYTVDNNTKCSVFRFQGTALSDMLPGQGLLHVPIPEAMAYVLL
RPLDDVPEDELGCVAPGRVLPVSEQWHPLLIEALTSIPKLEAGDSVWWHCDVIHSVAPVENQQGW
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>DM_train277

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GTMLFFKDEFVWKSHRGIRELISERWKNFIGPVDAAFRHGHTSVYLIKGDKVVVYTSEKNEKVYPKSL
QDEFPGIPFLDAAVECHRGEQCDEGILFFQGNRKWFWDLTGTGKKERSWPAVGNCTSALRWLGRY
YCFQGNQFLRFPVSGEVPPGYPLDVRDYFLSCPGRGRHRSSHRSNSTQHGHESTRCDPLVLSAMVS
DNHGATYVFGSHYWRLDTNRDGWHSWPIAHQPQGPSTVDAAFSWEDKLYLIQDQTKVYVFLTK
GGYTLVNGYPKRLEKELGSPPVISLEAVDAAFVCPGSSRLHIMAGRRLWWLDLKSQAATWTELPWP
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GCYPTNSAPRWLSILTRYGTFELSLNCSNSIVRYTFEPINQHTGTDKDPFNTHAIWESLQHLLPLEKSI
DLEWFRHFKHDLTNLNSEEAFLAHNDRLVGGTIRTQNKLALDLKDGRFALKTYIYPALKAVVTGKTIHE
LVFGSVRRLAVREPRILPPLNMLEEYIRSRGSKSTASPRLVSCDLTSPA KSRIKIYLLQMVSLAEMEDLW
TLGGRRRDASTLEGLSLVRELWDLIQLSPGLKSY PAPYLP LGVIPDERLPLMANFTLHQN DPVPEPQVY
FTTFGMNDMAVADALTTFFERRGWSEMARTYETTLKSYYPHADHDKLNYLHAYISFSYRDRTPYLSVY

GGAMVWALDLDDEFAGFSCNQGRYPLIQTLRQELSLPYLPSGTPELEVPKPGQPSEPEHGPSPGQDTF
CQ GKADGLYPNPRERSSFYS CAAGRLFQQSCPTGLVFSNSCKCCTWN
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MGLTGLEIYKHL PKKNCKE CQPTCLAFAMQIAAGKAGLDACPYVSDEAKELLESASAPPVALIKVGK
GEKVLEIGHETV LFRHDKRFEHPCGLAILVEDTLSEGEIKERVEKINKLVFDRVGQMHSVNLVALKGSSQ
DAATFAKAVATAREVTDLPFILIGTPEQLAAALETEGANNPLLYAATADNYEQMVELAKKYNVPLTVS
AKGLDALAE LVQKITALGYKNLILDPQPENISEGLFYQTQIRRLAIKKLFRPFGYPTIAFALDENPYQAVM
EASVYIAGYAGIIVLNTVEPADILPLITLRLNIYTD PQPIAVEPKVYEILNPGPDAPVFITTFNLSLTYFCVA
GDVEGARIPAYILPVD TDGTSVLTAWAAGKFTPEKIAQFLKESGIAEKNHRKAILPGGVAVLGKQLQEL
SGWEILVGPRESSGINSFIKQRWNV

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MNKKRMIAMVSTALLVTGCAEVGNAQTVAVENSGQSVQKNIVKSIQS QANPLKTIEPSKPFEDLKPL
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EFLKLLYPTDEI IAMIEMKDYNADPSNKKKIQFIGLDL KALDQGSFNKVIDYVRLHRPDLLAEVEENYK
ELSSFTGSIQEYMKLTPKLEKFKANAERVARLLKDENEQANTEIIPSEYI WAKATASAIEKFTTM LLPND
YPSIILHEQYLADHAMWAQETFGGKTMVWAHNIHAKGII DEKLYPYVAGQFLKERLDN NYVTIGST
TTEGNFTLYSEYNPSTGGKITTDIPQDVKSFNYTLGKVPYKMFLLDNRH LKQAEKWWKAKRPLLSIG
GQILPNSSVYFDTSLLEQFDIIFHIRKTSPSHIK

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>DM_train314

EREALPPQKIEVLVLLPQDDS YLFSLTRV RPAIEYALRSVEGNGTGRLLP PGTRFQVAYEDSDCGNRA
LFSLVDRVA AARGAKPDLILGPVCEYAAAPVARLASHWDL PMLSAGALAAGFQHKDSEYSHLTRVAP
AYAKMGEMMLALFRH HHSRAALVYSDDK LERNCFYFTELVHVEVFQEEGLHTSIYSFDETDKDL LED
IVRNIQASERVIMCASD TIRSIMLV AHRHGMTSGDYAFFNIELFNSSSYGDG SWKRGDKHDFEAKQ
AYSSLQTVTL LR TVKPEFEKFSMEVKSSVEKQGLN MEDYVNMFVEGFHDAILLYVLALHEVL RAGYSKK
DGGKIIQQTWNRTFE GIAGQVSIDANGDRYGFDFVIAMTDVEAGTQEVIGD YFGKEGRFEMRP NVKY
PWGPKLRIDENRIVEHTNSSPCKSCGLEESAVT

>DM_train372

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AQAGADTLTRLGAGGVDIWWAPEVMDALLAREDLISGTYFEVFNPFDPKADEVFAAARTHLRWR
RLERPGLRGLSPHTPFVSHRMLRLSDYAAGEGLPLQIHVAEHPTLEMFRTGGGPLWDNRMPALY
PHTLAEVIGREPDPDLTPVRYLDELGLAARPTLVHVMVNVTPDDIARVARAGCAVVTCPRSNHHLEC
GTFDWPAFAAAAGVEVALGTDSVASGETLNVREEVTFARQLYPLDPRVLVRAAVKGGQRVVGGRT
FLRRGETWQEGFRWELSRDL

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>DM_train374

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ANSRLRMERGNSTEDLTARVLDLASPIGRQRLVAPPKAGKTMLLQNIQSIAYNHPCVLMVL
LIDERPEEVTEMQRLVKGEVASTFDEPASRVQVAEMVIEKAKRLVEHKKDVILLDSITRLARAYNTV
VPASGKVLTTGGVDANALHRPKRFFGAARNVEEGSLTIATLIDTGSKMDEVIYEEFKGTGNMELHLS
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>DM_train380

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HDLVFKTDLHPEDFTPQMFPSPQAKAKLLRDAFNNEEDEDTFDPDILVPAYMTAHSKNRVRQEDYTCL
EVEFDSQVALEKLMNEHEQVEGFVQGGILVALKKDSFFDEDELIEKIAIAIATESRQSVSSVSFLLKLG
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>DM_train383

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MSKGASAPQQSAFKQLYTELFNNEGDFSKVSSNLKKPLKCYVKESYPHFLVTDGYFFVAPYFTKEAV
NEFHAKFPNVNIVDLTDKVIVINNWSLELRRVNSAEVFTSYANLEARLIVHSFKPNLQERLNPTRYPVN
LFRDDEFKTTIQHFRHTALQAANKTKVKGDNLVDISKVADAAGKKGKVDAGIVKASASKGDEFSDFSF
KEGNTATLKIADIFVQEKGKDALNKAADHTDGAKVKGGAKGKGAATAAKGKLSAKKGDSSAAD
VRKSVDKIVKYTPSKGSRKDTPOKSPAPAAGKSSAKKGGKAVPSAPSPPSGKKSALTDDKMTMAQFV
KYLDWHEKKKGGKVSSGGKVLGKRSAGKASATSGKASKASKTAACK

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>DM_train475
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FTRTMVAVTTWVSPKEGCNYCHVPGNWASDDIYTKVVSRRMFELVRAANSWKAHVAETGVTCYT
CHRGPNVPKYAWVTDPGPKYPSGLKPTGQNYGSKTVAYASLPFDPLTDFLDQANEIRITGNAALAGS
NPASLKQAEWTFGLMMNISDSLGVGCTSCHNTRAFNDWTQSTPKRRTAWYAIRHVRDINQNIYWP
LNDVLPASRKGPYGDPLRVSCMTCHQAVNKPLYGAQMAKDYPGLYKTAVTQEALPGSAPASEAAP
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>DM_train479
MYALTQGRIFTGHEFLDDHAVVIADGLIKSVCPVAELPPEIEQRSLNGAILSPGFIDVQLNGCGGVQFN
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LVKKGTHNPNFVRKPDAALVDFLCENADVITKVTLAPEMVPAEVIKLANAGIVSAGHSNATLKEAK
AGFRAGITFATHLYNAMPYITGREPLAGAILDEADIYCGIADGLHVDYANIRNAKRLKGDKLCVTD
ATAPAGANIEQIFAGKTIYRNGLCVDENGLSGSSLTMIQGVRLNVEHCGIALDEVLRMATLYPARA
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>DM_train481
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VSVPEGNDISSIFELDPTTLRGGDSLVRNSYVRLRHLCTNTWVHSTNIPIDKEEEKPVMLKIGTSPLKE
DKEAFAIVPVSPAIEVRDLDFANDASKVLGSIAGKLEKGTITQNERRSVTKLLEDLVYFVTGGTNSGQDV
LEVVSFKNRERQKLMREQNILKQIFKLLQAPFTDCGDGPMLRLEELGDQRHAPFRHICRLCYRVLRH

QTSVSPSKVILPRGGSVLVTCSTSCDQPKLLGIETPLPKKELLPGNMRKVVYELSNVQEDSQPMCYSNC
PDGQSTAKFTLVYWTPERVELAPLPSWQPVGKNLTLRCQVEGGAPRANLTVVLLRGEKELKREPAV
GEPAEVTTTVLVRDHGANGFSCRTLELRPQGLELFENTSAPYQLQTFVLPATPPQLVSPRVLEVDT
QGTVVCSLDGLFPVSEAQVHLALGDQRLNPTVTYGND SFSKASVSVTAEDEGTQRLTCAVILGNQS
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NRLAIMVRGNLAAAMQGLLALPLLAGYDIHASDPQSAGRIVSFDAAAGWNIIEEGYQAVGSGSLFA
KSSMKKLYSQVTDGDSGLRVAVEALYDAADDDSATGGPDLVRGIFPTAVIIDADGAVDVPE SRIAELA
RAIIESRSGADTFGSDGGEK

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>DM_train889

DAETVGRVRFIQENFVAANHNGSPLSIKEAPKELSFGARAE LPRIHPVASKLLRLM QKKETNLCLSA
DVSLARELLQLADALGPSICMLKTHVDILNDFTLDVMKELITLAKCHEFLIFEDRK FADIGNTVKKQYEG
GIFKIASWADLVNAHVVP GSGVVKGLQEVLGLPHRGCLLIAEMSSTGSLATGDYTRAAVRMAEEHSE
FVVGFIGSRVSMKPEFLHLTPGVQLEAGGDN LGQQYN SPQE VIGKRGS DIIIVGRGIISAADRLEAAE
MYRKA AWEAYLSRLGV

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>DM_train894

KYALADASLK MADPNRFRGKDL PVLDQLTDPGVR RVYHIQAGLPDPFQPPSLPITVYYAVLERACRS
VLLNAPSEAPQIVRGASE DVRKQPYNLTIAWFRM GGNCAIPITVMEYTECSYNKSLGACPI RTQPRW
NYYDSFSAVSEDN LGFLMHAPAFETAGTYLR LVKINDWTEITQFILEHRAKG SCKYALPLRIPPSACLSP
QAYQQGV TVDSIGMLPRFIPENQRTVAVVYSLKIAGWHGPKAPYTSTLLPPELSETP NATQP ELAPEDP
EDSALLEDPV GTHHHHH

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>DM_train901

GAMGMKVDVGP DPSLVYRP DVPEMAKSKDSFRNYTS GP LLDRVFTTY KLMHTHQTVDFVSRKRIQ
YGSFSYK KMTIMEAVGMLDDLVE SDPDVDFPNSFHAFQTA EGIRKAHPDKDWFHVLVGLLDLHDLGKI
MALWGE PQWAVVG DTFVVGCRPQASVVFCDSTFQDNPD LQDPRY STELGMYPHCLENV LMS
WGHDEYLY QMMKFNKFSLPSEAFY MIRFHSFYPWHTGGDYRQLCSQQDL DMLPWVQEFNKFDLY

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>DM_train1040

MTCWL RVGTATFGRPAEWPGYLSHL CGRSAAMD LGPMRKS YRGDREAF EETHLTSLD PVKQFAAW
FEEAVQCPDIGE ANAMCLATCTRDGKPSARM LLLKGF GKDGRFFTFN FESRKGKELDSNPFASLVFYW
EPLNRQVRVEGPVKKLPEEEAECYFHSRPKSSQIGAVVSHQSSVIPDREYLRKKNEELEQLYQDQEVPK
PKSWG GYVLYPQVMFWQGQTNR LHDRIVFRRGLPTGDSPLGPMTHR GEEDWLYERLAP

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>DM_train1046

MNLESLHWHYVAGMTIGALHFWLSRNPGRVQYEYLVAMFIPIWVSLAYMAMAIDQ GKVEAAGQ
IAHYARYIDWMVTPL LLLSLSWTAMQFIKKDWTLIGFLMSTQIVVITSGLIADL SERDWVRYLWYICG
VCAFLIILWGIWNPLRAKTRTQSSELANLYDKLVTYFTVLWIGYPIVWII GPSGFGWINQTIDTFLFCLLP
FFSKVGF SFLDLHGLRN LND SRQTTGDRFAENTLQFVENITLFANSRRQQSRRRV

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>DM_train1083

MEDFVRQCFNPMIVELAEKAMKEYGEDPKIETNKFAAICTHLEVCFMYSDFFHID ERGESTIIESGDPN
ALLKHRFEIIEGRDRTMAWTVVNSICNTTGVEKPKFLPDLYDYKENRFIEIGVTRREVHTYYLEKANKIKS
EKTHIHIFSFTGEEMATKADYTLDEESRARIKTR LFTIRQEMASRGLWDSFRQSERGEETIEERFEITGTM
CRLADQSLPPNFSSLEKFRAYVDGFEPNGCIEGKLSQMSKEVNAR

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>DM_train1101

GSGRVSLNFKDPEAVRALTCTLLREDFGLSIDIPLERLIPTVPLRLNLIHWVEDLIGHQDSDKSTLRRGIDI
GTGASCIYPLLGATLNGWYFLATEVDDMCFNYAKKNVEQNNLSDLIKVVKVPQKTLLMDALKEESEII
YDFCMCNPPFFANQLEAKGVNSRNP RPSPSSVNTGGITEIMAEGGELEFVKRIIHDSLQLKKRLRWY
SCMLGKKCSLAPLKEELRIQGVPKV TYTEFCQGR TMRWALAWSFYD

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>DM_train1105

MSSEKERRKKIFFQRILT VVFLGTFFFYSVYELGDIFMDYYENRKMVMAEAQNIYEKSPMEEQSQDG EVRK
QFKALQQINQEIVGWITMDDTQINYP IVQAKDN DYLF RNYKGEDMRAGSIFMDYRNDVKSQNRN
TILYGH RMKDGSMFGSLKMLD EEFFM SHRKLYYDTL FEGYDLEVFSVYTTT TDFYIETD FSSDTEYTS

DKPNKDYAQWILKMESWGGAEIGIISDALAVAIYVVDIDAVKIEKFNEKFDNYILILFNGIHYSLTM
NEFKTVFNKNQPESSDVLTAALQLASNLKQTGYSFNTHKAQIKCNTCQMTFVGEREVARHAESTGH
VDFGQNR

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>DM_train1413

MPTYEELSQAQVFEQVVELTRSLLSGGAEPLEVINKGLIAGMDRVGVLFKNNEMFVPEVLSAN
AMNAGVEVVKQSQQAFDMPSVGKIVLGTVKGLHDIGKNLVAMMLES GGFTVYNLGV DIEPGKFV
EAVKKYQPDIVGMSALLTTMMNMKSTIDALIAAGLRDRVIVGGAPLSQDFADEIGADGYAPDAA
SATELCRQLE

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>DM_train1417

MGRYIGPVCRLCRREGVKLYLKGERCYSPKCAMERRPYPPGQHGQKRARRPSDYAVRLREKQKLRRYI
GISERQFRNFLFEEASKKKGVTSVFLGLESRLDNVYRLGFAVSRRQARQLVRHGHITVNGRRVDLPS
YRVRPGDEIAVAEKSRLNLEIRQNLEAMKGRKVPWLSLDVEGMKGFRLRDPREDLALPVNEQLVIE
FYSR

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>DM_train1421

MKAVVQRVTRASVTVGGEQISAIGRGICVLLGISLEDTQKELEHMVRKILNLRVFEDES GKHWSK SVM
DKQYEILCVSQFTLQCVLKGKPDFHLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYMQVHIQ
NDGPVTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSESSKERNTPRKEDRSASSGAEGDVS
SEREP

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>DM_train1425

GSHMELQGHHAELPAGAGAPKAGLEEAPAVTAGLKIFEPAPGEGNSSQNSRNKRAVQGPEETVT
QDCLQLIADSETPTIQGSYTFVPWLLSFKRGSAALEEKENKILVKETGYFFIYGQVLYTDKTYAMGHLIQ
RKKVHVFGDELSTLFRCIQNMPETLPNNSCYSAGIAKLEEGDELQLAIPRENAQISLDGDVTFFGAL
KLL

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>DM_train1480

MKALTARQQEVFDLIRDHISQTGMPPTRAEIAQRLGFRSPNAEEHLKALARKGVIEIVSGASRGIRLL
QEEEEGLPLVGRVAADEPLLAQQHIEGHYQVDPFLKPNADFLRVSGMSMKDIGIMDGDLLAVHKT
QDVRNGQVVARIDDEVTVKRLKKQGNKVLELLPENSEFKPIVVDLRQQSFTIEGLAVGVIRNGDWL
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>DM_train1915

MSAKKIVLKSSDGESFEVEEVALESQTIAHMVEDDCVDNGVPLPNVTSKILAKVIEYCKRHVEAAASK
AEAVEGAATSDDDLKAWDADFMKIDQATL FELILAANYLNKLNLLDLCQTVADMIGKTPPEEIRTF
NIKNDFTPEEEEEVRRENQWAFE

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>DM_train1922

MHGLGKTRWTREDEKLKLV EQNGTDDWKVIANYLPNRTDVQCQHRWQKVLNPELIKGPWTKEE
DQRVIKLVQKYGPKRWSVIAKHLKGRIGKQCRERWHNHLNPEVKKTSWTEEDRIIYQAHKRLGNRW
AEIAKLLPGRTDNAIKNHWNSTMRRKV

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>DM_train1947

GSDSAITLWQFLLQQLKQPQNKHMICWTSNDGQFKLLQAEVARLWGIRKNKPNMNYDKLSRALRY
YYVKNIIKKVNGQKFVYKFVSYPEILNMDPMTVGRIEGDCESLNFSEVSSSSKDVENGGKDKPPQPGA
KTSSRNDYIHSGLYSSFTLNSLN

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>DM_train1967

ELRPSGDSGSSDVDAEISDGF SPLDTSHRDVADEGSLLRRAEMYQDYMKQVPIPTNRGSLIPFTSWVG
LSISMKQLYGQPLHYLTNVLQRWDQSRFGTDSEEQR LDSIIHPTKAEATIWLVEEIHRLTPSHLHMAL
LWRSDPMYHSFIDPIFPEK

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>DM_train1973

MSDYEEAFNDGNENFEDFDVEHFSDEETYEEKPQFKDGETTDANGKTIVTGGNGPEDFQQHEQIRRK
TLKEKAIPKQDRATTPYMTKYERARILGTRALQISMNAPVFDLEGETDPLRIAMKELAEKKIPLVIRRYL
PDGSFEDWSVEELIVDL

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>DM_train2017

RRRTVVKEPLLPPDDTRDNVYYYDEEGGGEEDQDFDLSQLHRGLDARPEVTRNDVAPTLMSVPQY
RPRPANPDEIGNFIDENLKAADSPTAPPYD SLLVFDYEGSGSEAASLSSLNSSES DQDQDYDYLNEW
GNRFKKLADMYGGGEDD

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>DM_train2028

MYHHYHAFQGRKLTQERARVLEFQDSIHYSRYSDDNYEYRHVMLPKAMLVIPSDYFNSEVGTLR

