

Hardware og software på forskermaskinerne

Dette er en liste over alle installerede programmer på DST's Forskermaskiner pr. 30/11/2023.

Ud over de faste program-pakker til SAS, SPSS, STATA og PYTHON har vi også to såkaldte DIVERSE-servere, hvor vi som en særlig ydelse stiller diverse programmer til rådighed for forskerne, herunder R.

Der er desuden en EDIT server der har LibreOffice installeret. LibreOffice kan læse og danne filer i Word- og Excel-format.

SAS- og STATA-serverne kører nu med Microsofts teknologi 'Remote Desktop Connection Broker'.

Dvs. at der kun er ét ikon for henholdsvis "SAS" og "STATA", som tilslutter jer den mindst belastede SAS- eller STATA-server.

Brugerne vil altid blive tilsluttet den samme server, hvis de i forvejen bare har en disconnectet session (klikket på krydset og ikke logget af!).

Brugere som har logget af en server, vil derimod blive tilsluttet den mindst belastede server.

DIVERSE3

Hardware	Antal processorer: 2 (Intel Xeon CPU E5-2699 v4) Processor frekvens: 2.20 GHz Antal fysiske kerner: 44 Antal logiske kerner: 88 L1 cache: 2,8 MB L2 cache: 11,0 MB L3 cache: 110 MB Memory: 768 GB (2400 MHz)
Operativsystem	Windows Server® 2012 R2 Standard Microsoft® Windows Server Version 6.3 (Build 9600) X64-based (64-bit)
Statistikprogrammer	aML, version 2.09 GAMS Integrated Development Environment, version 23.2.1 SCD/DIGRAM, Version 2.14.0 SPSSToDigram R, version 4.2.2 (64-bit) inkl. CRAN og Bioconductor pakker R, version 4.3.1 (64-bit) inkl. CRAN og Bioconductor pakker Rtools 4.0 Rtools 4.2 Rtools 4.3 Rstudio, version 2022.12.0 TreeScan v1.4 (64-bit) PLINK! v1.07
Tekst- behandling	GNU Emacs, version 25.1.1 gVim - VIM - Vi IMproved, version 7.1 GVEdit Graph File Editor For Graphviz: 1.02 Graphviz: 2.38.0 Tinn-R, version 5.1.2.0 MiKTeX TeXworks, version 0.6.1 r.3614278 (MiKTeX 2.9 64-bit) Sublime Text 3, Build 3126 Adobe ® Reader, version 10.1.16
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft ® Calculator, Version 6.3 (Build 9600) Microsoft ® Wordpad, Version 6.3 (Build 9600) Microsoft ® Paint, Version 6.3 (Build 9600) Microsoft ® Office Excel Viewer, Version 12.0. 6750.5000

DIVERSE4

Hardware	Antal processorer: 2 (Intel Xeon Platinum 8176) Processor frekvens: 2.10 GHz Antal fysiske kerner: 56 Antal logiske kerner: 112 L1 cache: 3,5 MB L2 cache: 56,0 MB L3 cache: 77 MB Memory: 1536 GB (2666 MHz)
Operativsystem	Windows Server® 2016 Standard Microsoft® Windows Server Version 1607 (OS Build 14393.3930) X64-based (64-bit)
Statistikprogrammer	aML, version 2.09 GAMS Integrated Development Environment, version 23.2.1 SCD/DIGRAM, Version 2.14.0 SPSSToDigram R, version 4.2.2 (64-bit) inkl. CRAN og Bioconductor pakker R, version 4.3.1 (64-bit) inkl. CRAN og Bioconductor pakker Rtools 4.0 Rtools 4.2 Rtools 4.3 Rstudio, version 2022.12.0 PLINK! v1.07
GIS	QGIS Browser, Version 2.18.16 with GRASS 7.2.2 QGIS Desktop, Version 2.18.16 with GRASS 7.2.2
Tekst- behandling	GNU Emacs, version 25.3.1 gVim - VIM - Vi IMproved, version 7.1 GVEdit Graph File Editor For Graphviz: 1.02 Graphviz: 2.38.0 Tinn-R, version 5.01.02.0 MiKTeX TeXworks, version 0.6.1 r.3614278 (MiKTeX 2.9.6300 64-bit) Adobe® Reader, version 10.1.16 Sublime Text, Version 3.1.1, Build 3176
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft® Calculator, Version 1607 (Build 14393.2430) Microsoft® Wordpad, Version 1607 (Build 14393.2430) Microsoft® Paint, Version 1607 (Build 14393.2430) Microsoft® Office Excel Viewer, Version 12.0.6334.5000

EDIT1

Hardware	Antal processorer: 4 (AMD Opteron Processor 6328) Processor frekvens: 3.19 GHz Antal fysiske kerner: 16 Antal logiske kerner: 32 L1 cache: 1,5 MB L2 cache: 32 MB L3 cache: 48 MB Memory: 512 GB
Operativsystem	Windows Server® 2012 R2 Standard Microsoft® Windows Server Version 6.3 (Build 9600) X64-based (64-bit)
Tekst- behandling	LibreOffice 7.6.2.1 (x64) Sublime Text 3 Build 3126 GNU Emacs, version 25.1.1 Adobe ® Reader, version 10.1.16 EPS Viewer
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft ® Calculator Microsoft ® Paint

PYTHON2

Hardware	Antal processorer: 2 (Intel Xeon Gold 6254) Processor frekvens: 3.09 GHz Antal fysiske kerner: 36 Antal logiske kerner: 72 L1 cache: 2,3 MB L2 cache: 36,0 MB L3 cache: 49,5 MB Memory: 1536 GB (2933 MHz) GPU: NVIDIA ® Tesla T4
Operativsystem	Windows Server® 2016 Standard Microsoft Windows Server Version 1607 (Build 14393.3930) X64-based (64-bit)
Statistikprogrammer	Python 3.7.4.final.0 (Anaconda 4.8.3 64-bit) R, version 4.0.2 (64-bit) inkl. CRAN og Bioconductor pakker R, version 4.1.0 (64-bit) inkl. CRAN og Bioconductor pakker Rtools 3.4 Rtools 4.0 RStudio 1.4.1106
Tekst- behandling	GNU Emacs, version 25.3.1 Adobe ® Reader, version 10.1.16
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft ® Calculator Microsoft ® Wordpad Microsoft ® Paint Microsoft ® Office Excel Viewer

SAS

To servere med ens hardware og software.

Server vælges automatisk af 'Remote Desktop Connection Broker'.

Hardware	Antal processorer: 2 (Intel Xeon CPU E5-2699 v4) Processor frekvens: 2.20 GHz Antal fysiske kerner: 44 Antal logiske kerner: 88 L1 cache: 2,8 MB L2 cache: 11,0 MB L3 cache: 110 MB Memory: 512 GB (2400 MHz) Temporært diskområde: 2,91 TB
Operativsystem	Windows Server® 2012 R2 Standard Microsoft® Windows Server Version 6.3 (Build 9600) X64-based (64-bit)
Statistikprogrammer	SAS 9.4, TS1M8 64-bit ---Base SAS Software ---SAS/STAT 15.3 ---SAS/GRAPH ---SAS/CONNECT ---SAS Integration Technologies ---SAS/Secure 168-bit ---SAS/Secure Windows ---SAS/ACCESS Interface to Oracle ---SAS/ACCESS Interface to PC Files ---SAS/ACCESS Interface to ODBC ---SAS Workspace Server for Local Access ---High Performance Suite ---SAS Add-in for Microsoft Excel ---SAS Add-in for Microsoft Outlook ---SAS Add-in for Microsoft PowerPoint ---SAS Add-in for Microsoft Word SAS Enterprise Guide 8.3 64-bit
Tekstbehandling	GNU Emacs, version 24.3.1 Adobe ® Reader, version 9.1.0
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft ® Calculator, Version 6.3 (Build 9600) Microsoft ® Wordpad, Version 6.3 (Build 9600) Microsoft ® Paint, Version 6.3 (Build 9600) Microsoft ® Office Excel Viewer, Version 12.0.6750.5000

SPSS4

Hardware	Antal processorer: 2 (Intel Xeon Gold 6254) Processor frekvens: 3.09 GHz Antal fysiske kerner: 36 Antal logiske kerner: 72 L1 cache: 2,3 MB L2 cache: 36,0 MB L3 cache: 49,5 MB Memory: 512 GB (2933 MHz)
Operativsystem	Windows Server® 2016 Standard Microsoft Windows Server Version 1607 (Build 14393.3930) X64-based (64-bit)
Statistikprogrammer	IBM® SPSS® Statistics Version 27 for Windows, Release 27.0.0.0 IBM® SPSS® Statistics Version 28 for Windows, Release 28.0.1.0 (142)
Tekstbehandling	GNU Emacs, version 25.1.1 Adobe ® Reader, version 10.1.1
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft ® Calculator, Version 6.3 (Build 9600) Microsoft ® Wordpad, Version 6.3 (Build 9600) Microsoft ® Paint, Version 6.3 (Build 9600) Microsoft ® Office Excel Viewer, Version 12.0. 6765.5000

STATA

Tre servere i alt
Server vælges automatisk af 'Remote Desktop Connection Broker'.

Hardware (STATA3+4)	Antal processorer: 2 (Intel Xeon CPU E5-2699 v4) Processor frekvens: 2.20 GHz Antal fysiske kerner: 44 Antal logiske kerner: 88 L1 cache: 2,8 MB L2 cache: 11,0 MB L3 cache: 110 MB Memory: 768 GB (2400 MHz) Temporært diskområde: 1,45 TB
Hardware (STATA5)	Antal processorer: 2 (Intel Xeon Gold 6254) Processor frekvens: 3.09 GHz Antal fysiske kerner: 36 Antal logiske kerner: 72 L1 cache: 2,3 MB L2 cache: 36,0 MB L3 cache: 49,5 MB Memory: 1024 GB (2933 MHz) Temporært diskområde: 2,6 TB
Operativsystem	Windows Server® 2019 Microsoft® Windows Server Version 1809 (Build 17763.1457) X64-based (64-bit)
Statistikprogrammer	STATA/MP 16.1 (revision 14. februar 2022) STATA/MP 17.0 (revision 8. marts 2023) STATA/MP 18.0 (revision 30. august 2023)
Tekstbehandling	GNU Emacs, version 24.3.1 Adobe® Reader, version 10.1.16 Sublime Text, Build 3126
Filkonvertering	Stat/Transfer (grafisk), Version 16.1.1542.0130 Stat/Transfer (kommandobaseret), Version 16.1.1542.0130
Filkomprimeringsprogram	WinZip®, version 11.0 (7313)
Versionsstyring	Git-2.18.0 (64-bit)
Microsoft	Microsoft® Calculator, Version 6.3 (Build 9600) Microsoft® Wordpad, Version 6.3 (Build 9600) Microsoft® Paint, Version 6.3 (Build 9600) Microsoft® Office Excel Viewer, Version 12.0.6750.5000