
Advanced Tutorials

- Paper 1:** David Shannon
To ODS RTF and Beyond
- Paper 2:** Frederick Pratter
Beyond HTML: Using the SAS® System Version 8.2 with XML
- Paper 3:** Eric Gebhart
ODS Markup: The Power of Choice and Change
- Paper 4:** Pete Lund
More Than Just Value: A Look Into Depths of PROC FORMAT
- Paper 5:** Koen Vyverman
Using Dynamic Data Exchange to Export Your SAS® Data to MS Excel — Against All ODS, Part I
- Paper 6:** Michael L. Davis
Reading from Alternate Sources: What to Do When the Input Is Not a Flat File
- Paper 7:** Sunil K. Gupta
Using Styles and Templates to Customize SAS® ODS Output
- Paper 8:** Kirk P. Lafler
Output Delivery Goes Web
- Paper 9:** Susan J. Slaughter, Sy J. Truong, and Lora D. Delwiche
ODS Meets SAS/IntrNet®
- Paper 10:** Todd Barlow
Designing Web Applications: Lessons from SAS® User Interface Analysts
- Paper 11:** Henri Theuwissen and Nancy Croonen
Table Look-up: Techniques Beyond the Obvious
- Paper 12:** Paul M. Dorfman and Gregg P. Snell
Hashing Rehashed
- Paper 13:** Marje Fecht and Linda A. Walters
Improve Your Queries: Hints and Tips for Using SQL
- Paper 14:** Frank C. Dilorio
Writing the 'Best' Program: The How and When of Efficient Programming
- Paper 15:** Ronald P. Cody
Longitudinal Data Techniques: Looking Across Observations
- Paper 16:** Ralph W. Leighton
Some Uses (and Handy Abuses) of PROC TRANSPOSE
- Paper 17:** Arthur L. Carpenter
Building and Using Macro Libraries
- Paper 18:** Andrew H. Karp
Advanced Tips and Techniques with PROC MEANS
- Paper 19:** Robert Ray
Save Time Today Using SAS® Views
- Paper 20:** Steven J. First
Advanced Macro Topics

Applications Development

- Paper 21:** Arthur L. Carpenter and Richard Smith
Library and File Management: Building a Dynamic Application
- Paper 22:** Craig K. Ray
Large-scale System Development in Base SAS®
- Paper 23:** Curtis A. Smith
Programming Tricks for Reducing Storage and Work Space
- Paper 24:** Roger D. Muller
Optimizing SAS® Version 8 in a Windows Environment — from the User Interface to Automated Document Production
- Paper 25:** Kee Lee
Accessing Microsoft Excel and Microsoft Access Through the Use of a Simple Libname Statement
- Paper 26:** Peter W. Eberhardt
Rev Up Your Spreadsheets with Some V8 Power
- Paper 27:** Hung X. Phan, Lori A. Guido, and Richard A. Denby
U.S. Census Bureau Goes OLAP
- Paper 28:** Mary F. Katz and Bob V. Rood
Web-enabling a Client/Server OLAP Application Using SAS/IntrNet® Software's MDDB Report Viewer
- Paper 29:** Phil Rhodes
Customizing the SAS/MDDB® Report Viewer
- Paper 30:** Ahmed Rahman, Rosa Cabanela, and Priscilla Van Grevenhof
Physicians Web Portal to Enterprise Information
- Paper 31:** Tammy Gagliano and Jeff Diamond
Accessing the Version 9 OLAP Server from Java
- Paper 32:** Thomas Kunselman
Feeding Data _NULL_ to the Lions: Bringing ODS MARKUP under the Big Top with Adobe Acrobat 5 Forms
- Paper 33:** Mark Lumsden and David Ostiguy
Innovative Use of Web Application Technologies to Build a New SAS® Analytical Solution
- Paper 34:** Michael A. Riddle and Michael A. Litzsinger
A Modular Approach to Portable Programming
- Paper 35:** Derek Morgan
DISTRESS and PATCH: SCL to Support Remote Applications
- Paper 36:** Rich Main
Introduction to AppDev Studio™ Version 3.0
- Paper 37:** Michael P. Bramley
Combining Pattern-matching and File I/O Functions: A SAS® Macro to Generate a Unique Variable Name List
- Paper 38:** Karen L. Wyland
Ask DSS ... Using HTML, JavaScript, htmSQL, and SAS® to Create Dynamic Web Applications
- Paper 39:** Andrew S. Rosenbaum
A Look at the Development Process for a SAS/IntrNet® Application
- Paper 40:** Craig S. Austin
Optional and Multi-select Parameters with SAS/IntrNet®

-
- Paper 41:** Haiping Luo
SAS® Software-to-Web Configuration: from Scratch to Final Products
- Paper 42:** Greg S. Barnes Nelson and Danny Grasse
(Web) Software Development: Best Practices for Developing Enterprise Applications
- Paper 43:** Eric C. Brinsfield
Avoiding Entanglements: Migrating Applications to the Web
- Paper 44:** Christopher A. Roper
A Secure Online Data Validation & Collection System for HEDIS Survey Data
- Paper 45:** Soora Wi
SAS/AF®: It's Not What It Used to Be!
- Paper 46:** Bernd E. Imken
Developing Master/Detail Applications Using Form & Table Viewers
- Paper 47:** Scott Leslie and Tammy Gagliano
Exploiting SAS/AF® Software from a Web Client
- Paper 48:** Barry R. Cohen
User Interface Tool Choice and Audit Trail Tool Choice for a SAS® Based Data Entry/Verify System for Clinical Trials Data
- Paper 49: Tony Fisher**
Data Quality — The Fuel That Drives the Business Engine

Beginning Tutorials

- Paper 50:** Neil Howard
DATA Step Essentials
- Paper 51:** Marge Scerbo
Tips for Manipulating Data
- Paper 52:** Andrew T. Kuligowski
How to Incorporate Old SAS® Data into a New DATA Step, or What Is S-M-U?
- Paper 53:** Craig Dickstein and Ray Pass
DATA Step vs. PROC SQL: What's a Neophyte to Do?
- Paper 54:** Terry Fain and Cyndie Gareleck
Mouse-clicking Your Way to Viewing and Manipulating Data with Version 8 SAS®
- Paper 55:** Deborah B. Buck
Summarizing Data with Base SAS® PROCs
- Paper 56:** Jack N. Shoemaker
PROC FORMAT in Action
- Paper 57:** Ronald P. Cody
Data Cleaning 101
- Paper 58:** Sunil K. Gupta
Quick Results with the Output Delivery System
- Paper 59:** Sandra Schlotzhauer, J. Meimei Ma, and Maria Ilieva
Quick Results in PROC REPORT
- Paper 60:** Lauren E. Haworth
Anyone Can Learn PROC TABULATE
- Paper 61:** Caroline C. Bahler and Eric C. Brinsfield
Report Creation Used Data _NULL_

-
- Paper 62:** Jeff Cartier
The Basics of Creating Graphs with SAS/GRAPH® Software
- Paper 63:** Rick M. Mitchell
Fast and Easy Ways to Annoy a Statistician: The Sharing and Presentation of Data Between a SAS® Programmer and a Statistician
- Paper 64:** Roger Staum
To Err Is Human; to Debug, Divine
- Paper 65:** Marje Fecht and Larry Stewart
Don't Be a Slave to Your SAS® Programs
- Paper 66:** Stephen A. Keelan
Off and Running with Arrays in SAS®
- Paper 67:** Ian Whitlock
SAS® Macro Design Issues
- Paper 68:** Frank C. Dilorio
Program Comprehension: A Strategy for the Bewildered
- Paper 69:** Randall Cates and Bob Tremblay
What's in a Name: Describing SAS® File Types

Coders' Corner

- Paper 70:** Timothy J. Harrington
An Introduction to SAS® PROC SQL
- Paper 71:** Thiru Satchi
Using the Magical Keyword 'INTO:' in PROC SQL
- Paper 72:** Kirk P. Lafler
A Visual Introduction to SQL Joins
- Paper 73:** Paul D. Sherman
Creating Efficient SQL — Four Steps to a Quick Query
- Paper 74:** JoAnn Matthews
A Very Powerful Resource for SAS® Users Worldwide
- Paper 75:** Xinyu Ji
How to Link Records Matching on at Least m Out of n Identifying Keys
- Paper 76:** Rick M. Mitchell
Fast and Easy Ways to Check Your Work: Using PROC MEANS to Confirm Continuous Variable Categorizations
- Paper 77:** Frank A. Ferriola, Jr.
What's Your _TYPE_? How to Find the CLASS You Want in PROC SUMMARY
- Paper 78:** Marianne L. Whitlock
Let Summary Sum and Tabulate Format
- Paper 79:** Ya Huang
Taking Advantage of Missing Values in PROC SQL
- Paper 80:** Xingshu Zhu and Shuping Zhang
A New Method to Estimate the Size of a SAS® Data Set
- Paper 81:** Yefim Gershteyn
Macro for Restoring SAS® Transport Files
- Paper 82:** Derek Morgan
Using the FILEVAR= Option for Input and Output

-
- Paper 83:** John R. Gerlach and Simant Misra
Splitting a Large SAS® Data Set
- Paper 84:** Subrahmanyam Pilli, Luai R. Alzoubi, and Kent Nassen
Using the Contents of PROC CONTENTS to Perform Multiple Operations Across a SAS® Data Library
- Paper 85:** Catherine A. Lindsey
Stop Madly Merging: PROC PRINT to the Rescue!
- Paper 86:** Timothy M. Muir
Powerful Techniques for Data Processing Using Formats
- Paper 87:** Robert R. Patten
Merging Flat Files Directly
- Paper 88:** Doug Zirbel
Finally — An Easy Way to Compare Two SAS® Files!
- Paper 89:** Jonathan D. Mahnken
Many-to-Many Merging Using the SAS® Macro Facility
- Paper 90:** Robert Burnham, Bill Marble, and Kathryn Sabadosa
Secret Tools of the Ad Hoc Programmer
- Paper 91:** Lawrence Altmayer
Graphing Them Together: Overlaying Plots with Macros and SAS/GRAPH®
- Paper 92:** David H. Johnson
Your Shingle in SAS/GRAPH®
- Paper 93:** LeRoy Bessler and Francesca Pierr
%TREND: A Macro to Produce Maximally Informative Trend Charts with SAS/GRAPH®, SAS®, and ODS for the Web or Hardcopy
- Paper 94:** Wei Cheng
What Does the Style Definition Look Like?
- Paper 95:** Tim P. Williams
A Version Control Kluge for SAS® Programs — Using SAS!
- Paper 96:** Carey G. Smoak
A Utility Program for Checking SAS® Log Files
- Paper 97:** Bruce Spotts
A Macro to Help with Accurate Output Documentation
- Paper 98:** Vanessa C. Hayden
Bulletproofing Your SAS® Results
- Paper 99:** Pete Lund
A Quick and Easy Data Dictionary Macro
- Paper 100:** Arthur L. Carpenter
Macro Functions: How to Make Them — How to Use Them
- Paper 101:** Venky Chakravarthy
Have a Strange Date? Create Your Own INFORMAT to Deal with Her
- Paper 102:** Ted Conway
A Better Desktop Than Windows: Using Excel to Organize, View, Launch and Document SAS® Programs
- Paper 103:** Derek Morgan and Michael Province
Simplifying SAS® Security
- Paper 104:** Michael J. Yee
Seeing Red: Tips for Debugging the SAS® DATA Step

-
- Paper 105:** Ling Yun Chen and Steven A. Gilbert
Run All Your SAS® Programs in One Program: Automatically
- Paper 106:** Charles vanWynbergen
No Task Before Its Time: Schedule Your Jobs with Robot Code
- Paper 107:** John E. Bentley
Passing Values to a Remote Multi-process SAS/CONNECT® Session
- Paper 108:** Fereydoun Foroudian
Guide to Extract/Download Multiple Databases from Mainframe Tapes to PC Using PC SAS®
- Paper 109:** James C. Stokes
SAS/CONNECT® Simply Stated

Data Mining Techniques

- Paper 110:** Pavel Brusilovskiy and Yillian Yuan
Tree-based Models: Identification of Influential Factors under Condition of Instability
- Paper 111:** Bing Deng
Data Mining in Quality Improvement
- Paper 112:** Andrew G. Storey and Marc-David Cohen
Offer Optimization — Optimizing Cross-sell and Up-sell Opportunities in Banking
- Paper 113:** Leon L. Fedenczuk
To Neural or Not to Neural? — This Is the Question
- Paper 114:** Junxiang Lu
Predicting Customer Churn in the Telecommunications Industry — An Application of Survival Analysis Modeling Using SAS®
- Paper 115:** James H. Forsythe
Using SAS® Enterprise Miner™ for Data Quality Monitoring in the Veterans Health Administration's External Peer Review Program

Data Presentation

- Paper 116:** Steven Light and Paul Gilbert
Using SAS® ODS to Enhance Clinical Data Summaries: Meeting eSub Guidelines
- Paper 117:** Patrick M. McGown
Using SAS® ODS to Create Adobe PDFs from SAS/GRAPH® Output
- Paper 118:** Julie A. English
How ODS Simplified Our Web-based Clinical Trial Reports
- Paper 119:** Chuanchieh Hsu, Zhongwei Zhou, and James M. Hardin
An Useful Chart to Display Adverse Event Occurrences in Clinical Trials
- Paper 120:** David D. Chapman
Using PROC REPORT to Produce Tables with Cumulative Totals and Row Differences
- Paper 121:** Aileen D. Bennett
All Things to All People: A User-defined Report in SAS/AF®
- Paper 122:** David L. Wang and M. Azharul Islam
A New User's Journey in Using PROC IMPORT and ODS: An Application in the Electricity Market
- Paper 123:** Darren Key and David Shamlin
Using SAS® Data to Drive Microsoft Office

-
- Paper 124:** Andrew H. Karp
Communicating the Results of Predictive Models to Non-technical Audiences
- Paper 125:** Perry Watts
Using ODS and the Macro Facility to Construct Color Charts and Scales for SAS® Software Applications
- Paper 126:** Tugluke Abdurazak
Using SAS® Macros to Create Automated Excel Reports Containing Tables, Charts and Graphs
- Paper 127:** Jay Zhou
Output Generating System — A Tool for Creating Tables and Listings in Word
- Paper 128:** Sandy McNeill
What's New in the Output Delivery System, Version 9
- Paper 129:** Curtis A. Smith
Web Enabling Your Graphs with HTML, ActiveX, and Java Using SAS/GRAPH® and the Output Delivery System
- Paper 130:** Karen L. Wyland
Use Your Web Site to Document Your Web Site
- Paper 131:** Larry Hoyle
Self Serve Census Data for Neighborhoods and Other Custom Aggregations: A SAS/IntrNet® Application
- Paper 132:** Pete Lund and Dave Bendemire
Web-based Tracking of the WA State Medicaid Caseload
- Paper 133:** Dan Bruns and Ray Pass
Battle of the Titans: REPORT vs. TABULATE
- Paper 134:** Thomas Kunselman
TARGET You're It! Using ODS MARKUP to Create Pre-filled HTML Form Tags
- Paper 135:** James D. Gilbert
Seeing Graphical Representations Clearly to Avoid Eye Strain
- Paper 136:** Debbie Miller
Using SAS® Graphics Capabilities to Display Air Quality Data
- Paper 137:** Himesh Patel
Enhancements to SAS/GRAPH® in V9
- Paper 138:** Jeffery D. Gilbert
Creating Maps in SAS/GRAPH
- Paper 139:** LeRoy Bessler
Inform and Influence with Image and Data: Communication-effective Web Design for ODS, SAS®, and SAS/GRAPH®
- Paper 140:** Eric C. Brinsfield and Caroline C. Bahler
Visualizing Patterns with Scrollable Web Graphics

Data Warehousing and Enterprise Solutions

- Paper 141:** Steve Morton
Data Warehousing — What's It All About? Learning to Walk in Seven League Boots
- Paper 142:** Wolfgang Hofbauer
The Benefits of Data Warehousing for an Insurance Company
- Paper 143:** Gary Mehler
Data Warehousing for the Enterprise

-
- Paper 144:** Anthony M. Dymond
The Knowledge Warehouse: The Next Step Beyond the Data Warehouse
- Paper 145:** Luis F. Soriano
Analyze the Stock Market Using the SAS® System
- Paper 146:** Fritz Lehman
Strategic Procurement: The SAS® Solution for Supplier Relationship Management
- Paper 147:** Mary K. Tucker
Data Warehousing in the Modern World: A Case Study Revisited
- Paper 148:** Jonathon Hagerman
The Joy of Table-driven Information Delivery Systems
- Paper 149:** Richard A. Denby and Lori A. Guido
MDDBs, HOLAP, Override Methods, SCL: What Worked and Did Not Work for the Review of Census 2000 Data
- Paper 150:** Teresa L. Grimes and Heidi L. Clark
Migrating a Publicly Available Web Database to a SAS® Solution: Building Multidimensional Databases (MDDBs)
- Paper 151:** Gady Kotler
From Data Warehouse to Reports Warehouse
- Paper 152:** Faron Kincheloe
From Manual to Automatic with Overdrive — Using SAS® to Automate Report Generation
- Paper 153:** Jenine Eason, Jerry Johannesen, Lars Olufsen, Jeff Chang, and Brad Goldman
Autotrader.com: from Chevette to Corvette
- Paper 154:** Don Koch, John Brocklebank, and Richard Roach
Mining Web Server Logs: Tracking Users and Building Sessions
- Paper 155:** Garth W. Helf
Can't Relate? A Primer on Using SAS® with Your Relational Database
- Paper 156:** Aiman Zeid
From the Tactical to the Strategic: Transforming Data Into Knowledge for Use in an Enterprise Performance Management System
- Paper 157:** Don Henderson, Gary Young, and Ralph Mittl
Balanced Scorecards: The Integration Point between Enterprise Information and Performance Monitoring
- Paper 158:** Phil Nousak and Rob Phelps
A Scorecard Approach to Improving Data Quality
- Paper 159:** Huiyun Xiang
Easy Access to Public Health Data Colorado Health Information Dataset (CoHID)
- Paper 160:** Vanessa C. Hayden
Unit-of-Analysis Programming

Emerging Technologies

- Paper 161:** Lori L. Sipe and Qing Chen
Creating a Web-based Application Utilizing JSP and SAS® JAVA BEAN
- Paper 162:** Heather E. DeMartino
Keeping Form Data from Falling into the Bit Bucket with webAF
- Paper 163:** Don Henderson
SAS® Solutions and Emerging Technologies: An Oxymoron or Intuitively Obvious? You Decide

-
- Paper 164:** Kevin McGowan
Using Visual Basic to Customize a Set of SAS® Reports
- Paper 166:** Sigurd W. Hermansen
Data Socket Adapters
- Paper 167:** Keith Collins
Futures Forum
- Paper 168:** Chris Smith
Using SAS® in a Distributed Computing Environment
- Paper 169:** Paul A. Thompson, Sarah Littlewood, and Avril J. Adelman
The Web Data Entry System: Methods for Web Development and SAS® Data Management
- Paper 170:** Larry D. Bramblett
IDW — The Next Generation Data Warehouse
- Paper 171:** Xiao Chen and Michael N. Mitchell
Tools for Sharing SAS® Macros Over the Internet
- Paper 172:** Rob Stephens
Introducing the SAS® Business Intelligence Platform
- Paper 173:** Jennifer R. Sinodis and Mark Moran
Let SAS® Build Your Dynamic Web Site from the Data!
- Paper 174:** Vincent DelGobbo
Techniques for SAS® Enabling Microsoft Office in a Cross-platform Environment
- Paper 175:** Clarke Thacher
Advanced UNIX and VMS Server Architectures and Their Impact on SAS® Version 9
- Paper 176:** Duane Ressler
V9 OLAP — An Architectural Overview
- Paper 177:** Scott E. Chapal
Using Java, SAS® and XML to Integrate Handheld Data Acquisition with Data-management Web Services
- Paper 178:** Jack Hamilton
An Application of ODS TAGSETs
- Paper 179:** Anthony Friebe
<XML> at SAS® — A More Capable XML Libname Engine
- Paper 180:** Michelle Ryals
Empowering Better Decisions with the Use of Metadata

Hands-on Workshops

- Paper 182:** Vincent L. Timbers
Connecting the SAS® System to the Web: A Hands-on Introduction to SAS/IntrNet® Application Dispatcher
- Paper 183:** Marje Fecht
Making the Most of Version 8 Features
- Paper 184:** Larry Stewart and Marje Fecht
Tips and Tricks for Easier Reporting
- Paper 185:** Daphne E. Ewing
Macros: Data Listings with Power
- Paper 186:** Lauren E. Haworth
SAS® with Style: Creating Your Own ODS Style Template

Paper 187: Ray Pass and Sandy McNeill
PROC REPORT: Doin' It in STYLE!

Paper 188: Dan Bruns
The Simplicity and Power of the TABULATE Procedure

Paper 189: Ray Pass and Sandy McNeill
PROC TABULATE: Doin' It in STYLE!

Paper 190: Koen Vyverman
*Creating Custom Excel Workbooks from Base SAS® with Dynamic Data Exchange:
A Complete Walkthrough*

Paper 191: Steven First and Katie Minten Ronk
An Introduction to PROC SQL

Paper 192: Michael A. Mace
%WINDOW: You Can Talk to the Users, and They Can Talk Back

Paper 193: Steven A. Wilson
Getting Started with SAS/AF® Software

Posters

Paper 194: Mazen Abdellatif, Robert G. Anderson, and Domenic J. Reda
*Automating the Building of 2nd and 3rd Order Interactions and the Construction of
Hierarchical Logistic Regression Models*

Paper 195: Sandra L. Aker
Table Look-up Using Techniques Other Than the Matched Merge DATA Step

Paper 196: Rachel A. Baker and Anthony T. Baker
Web Implementation of Environmental Decision-making Software

Paper 197: Mary A. Bednarski, Karen A. Clark, Elizabeth M. Hornbeck, and Mae O. Gordon
Dynamic Data Retrieval Using SAS/IntrNet®

Paper 198: Wendy B. Dickinson
Algorithmic Answers for a Dance School Dilemma

Paper 199: Robert G. Downer and Philip E. Hyatt
Identifying Plant Species: A Botanical Analysis Using PROC DISCRIM

Paper 200: Lynette K. Duncan and James E. Dunn
A Proportional Odds/Hazards Approach to Analyzing Likert Scale Data

Paper 201: John M. Ferron, Kristine Y. Hogarty, Melinda Hess, Jeanine Romano
A Macro for Examining the Consequences of Error Structure Misspecifications

Paper 202: Diane E. Foose
Report Macro — A Tool to Generate Flexible Summary Reports

Paper 203: Glenda A. Garner
Transforming Single-record Spreadsheet Data into Multiple Observations

Paper 204: Bruce F. Gilsen and Scott Hoenig
SAS® User Documentation: Web Page Design Made Easy

Paper 205: Lori A. Guido and Richard A. Denby
*The Differences in Developing an Interactive Review System in SAS® 6.12 OLAP and in
SAS® 8.2 HOLAP*

Paper 206: Ted J. Guo and Feng Zhou
Regulatory Review of Animal Carcinogenicity Studies Using SAS/IntrNet®

Paper 207: Louise S. Hadden
New SAS® V8 Tricks for Old SAS® V6 Dogs: Tips from the Command Line

-
- Paper 208:** Chris S. Hord and Jay Zhou
SAS® Macros to Help Relieve Common Program Documentation Pain
- Paper 209:** Lara K. Jungvig
Comparing Macros to Arrays to Simple Code for Input Statements: A Visual Display for the Novice SAS® Programmer
- Paper 210:** Scott Lacey and David Meade
Constructing and Publishing Wafer Maps on the World Wide Web Using Version 8 of the SAS® System
- Paper 211:** Tracy L. Lord
Web-based Reporting of Network Fault Data with the SAS® System
- Paper 212:** Zaizai Lu and David Shen
Dynamic Data Matching in Clinical Trial Research
- Paper 213:** Andy Mauromoustakos and Kevin C. Thompson
Applied Geostatistics with JMP®
- Paper 214:** Shabnam Mehra, Robyn Spittle, Becky Larsen, Diane Haynes, and Kathy Dailey
SPAN SPAN AWAY! Creating One Unique Record for Overlapping Admissions and Discharges from Multiple Inpatient Hospital Stays
- Paper 215:** William C. Murphy
Making Variables Less Variable: Standardizing SAS® Data Sets
- Paper 216:** Neal Musitano Jr
OS/390 DASD I/O Drill Down Computer Performance Chart Using ODS SAS/GRAPH® & MXG Software
- Paper 217:** Robert Nelson and Janet Royalty
A SAS/AF® Mainframe/PC File Transfer Application
- Paper 218:** Barbara B. Okerson
Fun with Timelines: Doing More with SAS/GRAPH® PROC GPLOTT
- Paper 219:** Lori S. Parsons
Macros for Model Building, Summarizing, and Displaying Results of Stepwise Logistic Regressions
- Paper 220:** Francesca Pierrri and LeRoy Bessler
Show Your Graphs and Tables at Their Best on the Web with ODS
- Paper 221:** Quan Ren
Clinical Trial Online — Running SAS® on the Web without SAS/IntrNet®
- Paper 222:** Claude Rheaume and Gilles Turgeon
How to Access VSAM FILE with SAS/AF® and Base SAS®
- Paper 223:** Thiru Satchi and Edgar L. Mounib
Using SAS/AF® Software and ODS for Reporting and Analysis
- Paper 224:** Barbara B. Schneider
Data Entry Using SAS® — A Discussion of Various Possibilities
- Paper 225:** Charles E. Shipp and Kirk P. Lafler
JMP® Density Ellipses for Pharmaceutical Analysis
- Paper 226:** Paul W. Stober and Shi-Tao Yeh
An Explicit Functional Form Specification Approach to Estimate the Area under a Receiver Operating Characteristic (ROC) Curve
- Paper 227:** Helen-Jean Talbott
Exporting Large SAS® Data Sets to MVS External Files in a Production Setting
- Paper 228:** Jeanina M. Worden
Making SAS® Dates from All Your Character Dates ... No Pixie Dust Required

Paper 229: Shi-Tao Yeh
Using a Trapezoidal Rule for the Area under a Curve Calculation

Paper 230: Shuhong Zhou
A GLM-substitute Procedure Performing Linear Model Basic Assumption Checking

Paper 231: Joanne C. Zhou
Graphical Presentation of Survival Analysis

Professional Development and User Support

Paper 232: Gary R. Kennedy
Is It Harder for a Pharmaceutical Company to Move from SAS® V6.12 to V8.2 Than It Is to Qualify for the World Cup?

Paper 233: Renee Harper
Tips, Downloads, Samples, and Training — Discover the Service & Support Web Site

Paper 234: Mike Rhoads and Deb Cassidy
Online Docs and Help: Tips for Old Dogs and New Pups

Paper 235: Dianne Louise Rhodes
Developing and Maintaining a Tips Database: A Practical Approach to Programming Standards, Style Sheets and Peer Reviews

Paper 236: Mark Jordan and Jim Alessio
High Energy SAS® — Managing the SAS® Community in a Large Corporation

Paper 237: John E. Bentley
Sounds Like a Good Idea, But What's the ROI? Justifying Your Project and Getting It Approved

Paper 238: Ted Fish, William W. Viergever, and Debbie Tinsley
Three Views on Consulting: A Panel Discussion

Paper 239: Nancy K. Patton
Telecommuting: the Good, the Bad and the Ugly

Paper 240: Doug Zirbel
10 Things Experienced SAS® Programmers Don't Know — But Should

Paper 241: David Rucker
'Haven't We Met Somewhere Before?' and Other Useful Lines (of Code) to Get to Know Their Data

Paper 242: John R. Gerlach
The Heuristic Program

Statistics and Data Analysis

Paper 243: Diana D. Suhr
SEM for Health, Business, and Education

Paper 245: Jerry Nickelsburg and Paul D. McNelis
Neural Networks and Genetic Algorithms as Tools for Forecasting Demand in Consumer Durables

Paper 246: Robert Cohen and Trevor Kearney
SAS® Meets Big Iron: High Performance Computing in SAS® Analytical Procedures

Paper 247: George C. Fernandez
Discriminant Analysis, A Powerful Classification Technique in Data Mining

Paper 248: David Izrael, Annabella Battaglia, David C. Hoaglin, and Michael P. Battaglia
Use of the ROC Curve and the Bootstrap in Comparing Weighted Logistic Regression Models

-
- Paper 249:** Curtis A. Smith
Detecting Anomalies in Your Data Using Benford's Law
- Paper 250:** Robert M. Hamer and Pippa M. Simpson
SAS® Tools for Meta-analysis
- Paper 251:** David L. Cassell
A Randomization-test Wrapper for SAS® PROCs
- Paper 252:** Ann M. Hess and Hari Iyer
A SAS/IML® Macro for Computation of Confidence Intervals for Variance Components of Mixed Models
- Paper 253:** Maribeth H. Johnson
Individual Growth Analysis Using PROC MIXED
- Paper 254:** George F. von Borries and Jeffrey D. Hart
SAS® Implementation of Nonparametric Smoothing and Lack-of-Fit Based on Smoothers
- Paper 255:** Ronna C. Turner, Sean W. Mulvenon, Shawn P. Thomas, and Richard Balkin
Computing Indices of Item Congruence for Test Development Validity Assessments
- Paper 256:** Rick M. Mitchell
Fast and Easy Ways to Annoy a SAS® Programmer: A Statistician's Revenge!
- Paper 257:** Maura Stokes, Bob Rodriguez, and Randy Tobias
A Preview of SAS/STAT® Version 9: Moving in New Directions and Building on Old Favorites
- Paper 258:** Tony An
Performing Logistic Regression on Survey Data with the New SURVEYLOGISTIC Procedure
- Paper 259:** Ali Emrouznejad
A SAS® Application for Measuring Efficiency and Productivity of Decision Making Units
- Paper 260:** Charles M. Vaughan and Serge Guzy
Redesigning Experiments with Polychotomous Logistic Regression: A Power Computation Application
- Paper 261:** Oliver Kuss
How to Use SAS® for Logistic Regression with Correlated Data
- Paper 262:** Jay Wu
Analyzing Discrete Choice Data on Monadic Cards
- Paper 263:** Patricia A. Berglund
Analysis of Complex Sample Survey Data Using the SURVEYMEANS and SURVEYREG Procedures and Macro Coding
- Paper 264:** Peter S. Wludyka and Ping Sa
Using SAS® to Perform Robust I-Sample Analysis of Means Type Randomization Tests for Variances for Unbalanced Designs
- Paper 265:** Lin Chen
Robust Regression and Outlier Detection with the ROBUSTREG Procedure
- Paper 266:** Jeff M. Gossett, Pippa M. Simpson, James G. Parker
How Complex Can Complex Survey Analysis Be with SAS?
- Paper 267:** Chunqin Deng and Julia C. Graz
Generating Randomization Schedules Using SAS® Programming
- Paper 268:** Cathy Maahs-Fladung
Trees, Neural Nets, PLS, I-Optimal Designs and other New JMP® Version 5 Novelties

Systems Architecture

- Paper 269:** Gregory Barnes Nelson
Managing SAS® Services: A System Administrator's Guide to Enterprise Applications
- Paper 270:** Robert Ellsworth
Maximizing Productivity by Automating Frequent Tasks
- Paper 271:** Glen A. Keer, Charles A. Biggs, and Sarah Mitchell
Making Your SAS/IntrNet® Application Fault Tolerant
- Paper 272:** James Lebak
Tuning WebHound™ 4.0 and SAS® 8.2 for Enterprise Windows Systems
- Paper 273:** Frank Nauta
Proper Architecture Considerations for DW Implementations
- Paper 274:** David H. Johnson
Passing the Buck
- Paper 275:** Henri Theuwissen and Nancy Croonen
SAS® Accessing DB2 Data: a Performance Victory Away
- Paper 276:** Faron Kincheloe
While You Were Sleeping — Scheduling SAS® Jobs to Run Automatically
- Paper 277:** Mauree E. Chew
Pushing the Envelope: SAS® System Considerations for Solaris/UNIX in a Threaded, 64-Bit Environment
- Paper 278:** Jeff House, Mark Cates, and Ken Larsen
Enterprise-wide Deployment of Windows SAS® Using SAS® Installation Technologies
- Paper 279:** Cheryl Doninger
Up and Out: Where We're Going with Scalability in SAS® Version 9
- Paper 280:** Randy Curnutt, Michael J. Pell, and John M. LaBore
Energizing End Users with a Slice of SAS® and a Cup of Java
- Paper 281:** Haftan M. Eckholdt and Ezra C. Benun
SAS® Cluster Disk Management: Using SAS® to Manage Virtual Disks on a Cluster of File Servers