**King Abdulaziz University**
Department of Family and Community Medicine
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# Nadeem Shafique Butt, Ph.D. in Statistics

https://www.researchgate.net/profile/Nadeem_Butt2

## Education

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| *May 2007 – May 2012* | **University of the Punjab**<br>PhD, Statistics<br>Lahore, Pakistan |
| *May 2000 – May 2003* | **National College of Business Administration & Economics**<br>MS, Statistics<br>Lahore, Pakistan |
| *Sep 1998 – Dec 2000* | **University of the Punjab**<br>MSc, Statistics<br>Lahore, Pakistan |
| *Jan 2009 – Jun 2009* | **Singapore Quality Institute International (SQII)**<br>Six Sigma Black Belt Certification, Quality Improvement<br>, Pakistan |

## Experience

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|---|---|
| *Jun 2017 – present* | **Associate Professor**<br>King Abdulaziz University, Department of Family and Community Medicine<br>Jeddah, Saudi Arabia<br>Teaching Bio-Statistics as part of community medicine module. Also supervising research projects of students. |
| *Jan 2015 – Jun 2017* | **Assistant Professor**<br>King Abdulaziz University, Department of Family and Community Medicine<br>Jeddah, Saudi Arabia<br>Teaching Bio-Statistics as part of community medicine module. Also supervising research projects of students. |
| *Jul 2012 – Jan 2015* | **Assistant Professor**<br>COMSATS Institute of Information Technology Lahore, Department of Statistics<br>Lahore, Punjab, Pakistan<br>Teaching Applied Statistics courses to under graduate and graduate programs. Also supervising research projects of MS and Ph.D. students. Coordinating Spit Site Ph.D. program of CIIT-Lahore with other international universities. |
| *Aug 2009 – Jul 2012* | **Assistant Professor**<br>PIQC Institute of Quality, Statistics Pakistan<br>Taught Applied Statistics and Quantitative Techniques to MS Human Resource Management, Quality Management and Industrial Management Programs. |
| *Nov 2007 – Feb 2009* | **Deputy Director (P&D)**<br>University of the Punjab, Planning and Development Cell<br>Lahore, Pakistan<br>Major responsibilities were to manage the Statistical Data Bank of the University and central management of all development projects of the University. |

| Jan 2007 – Dec 2009 | **Senior Research Associate** |
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| | Quality of Life of Breast Cancer Survivors Project |
| | University of the Punjab, College of Statistical and Actuarial Sciences |
| | Lahore, Pakistan |
| | Major responsibilities were report writing and analysis of the research project "Psychological, Psychosocial Concerns and Quality of Live of Breast Cancer Survivors in Punjab, Pakistan |

| Jun 2002 – Nov 2007 | **Biostatistician and Data Manager** |
|---|---|
| | King Edward Medical University, Department of Preventive Pediatrics |
| | Lahore, Pakistan |
| | Performed duties as analyst and data manager for various collaborated research projects of World Health Organization, Nestle Foundation, DIFID, SIDA/SARAC, GÖteborg University Sweden, Medical Research Council, UK, and UNICEF. |

## Visiting faculty

**College of Statistical and Actuarial Sciences, University of the Punjab, Lahore**
Teaching courses on Categorical Data analysis, Advanced Applied Linear Models, Statistical Computing and Survival Models for M.Sc Bio-Statistics and Actuarial Sciences programs

**Faculty of Medicine, University of the Punjab, Lahore**
Teaching Bio-Statistics courses for the post graduate students of MS, MD, MDS, M.Phil and Ph.D

**University College of Pharmacy, University of the Punjab, Lahore**
Teaching Biostatistics course to D.Pharm, M.Phil and Ph. D students of Pharmacy.

**Kinnaird College for women, Lahore**
Teaching courses on Statistical Computing and Survival Analysis for M.Sc and BS programs.

**Management Studies Department, GC University, Lahore**
Teaching course on Decision Models and Risk Analysis to MBA/MBA Executive programs

**National College of Business Administration and Economics, Lahore**
Teaching Business Statistics, Probability & Statistics to MBA, BBA & BCS Classes

## Participated in international research meetings

| MEETING AGENDA | ORGANIZER | COUNTRY |
|---|---|---|
| Estimation of Population Mean in two-phase sampling using information of Auxiliary Attributes | UNIVERSITY OF TANKU ABDUR-REHMAN | Kula Lumpur, **Malaysia** |
| Analysis of the project "Community-based interventions to improve neonatal health" | WORD HEALTH ORGANIZATION (WHO) | Geneva, **Switzerland** |
| Develop formative research guidelines for the design and delivery of community-based interventions to improve neonatal health. | WORD HEALTH ORGANIZATION (WHO) | Udaipur, **India** |
| Early life risk factors for adult chronic diseases | SIDA/SAREC | Gothenborog, **Sweden** |
| Simulation study for the evaluation of various estimators | STATISTICAL SOCIETY OF SLOVENIA | Bled, **Slovenia** |

## Workshops and trainings conducted

| WORKSHOP/TRAINING TITLE | VENUE | DATES |
|---|---|---|
| Six days **SPSS** training program | **Health Services Academy**, Ministry of Health, Govt. of Pakistan. | Aug 2003 |
| **Professionals training** program for BPS-17 and higher | **Federal Bureau of Statistics** Govt. of Pakistan, Statistics Division. | Mar 2004 |
| Three days training program on **Biostatistics** | **Lahore College for Women University**, Lahore. | Feb 2006 |
| Three days **STATA** Training program | Small and Medium Enterprises Development Authority **(SMEDA)**, Govt. of Pakistan. | Feb 2007 |
| Two days workshop of **Data Analysis** | Lahore University of Management Sciences **(LUMS)**, Lahore. | Mar 2007 |
| Seminar on **Statistical computing** using SAS | **GC University**, Lahore. | May 2007 |
| Seminar on **Categorical Data Analysis** | **Kinnaird College for women**, Lahore. | May 2007 |
| Course on Statistics for the 36th Common Training Programme | **Civil Services Academy,** Lahore. | Feb 2009 |

## Thesis

Nadeem Shafique Butt: *Development of multivariate estimators and their applications*. Year: 2012, Degree: PhD
Nadeem Shafique Butt: *Sampling with Unequal Probabilities*. Year: 2003, Degree: M.Phil.

## Awards & Grants

*Dec 2008*   Award: My Research paper titled "Multivariate ANOVA using summary data: A STATA program" was chosen as the best paper of the session at the conference on Statistical Data Produced and Application of Statistics held at College of Statistical and Actuarial Sciences.

*Aug 1999*   Award: Islamic Society of Statistical Sciences and Pakistan Statistical Association awarded a certificate for the outstanding contribution to the sixth Islamic Countries conference on statistical Sciences and 12th all Pakistan Statistical conference held on August 1999, at university of Punjab, Lahore.

## Skills & Activities

*Skills*   Data Analysis, R Statistical Package, Multivariate Statistics, Sampling, SPSS, SAS, Multivariate Analysis, Regression Analysis, Survival Analysis, Statistical Software, Cluster Analysis, Multilevel Analyses, Structural Equation Modeling

*Scientific Memberships*   Islamic Countries Society of Statistical Sciences(ISOSS)
Pakistan Statistical Sciences Association (PSSA)
Pakistan Statistical Association(PSA)

## Research Papers

AMPK expression patterns are significantly associated with poor prognosis in breast cancer patients
J Al-Maghrabi, K Al-Sakkaf, IA Qureshi, NS Butt, L Damnhory, M Elshal,
Annals of Diagnostic Pathology 29, 62-67
2017

Cyclin D1 is significantly associated with stage of tumor and predicts poor survival in endometrial carcinoma patients
MN Khabaz, AS Abdelrahman, NS Butt, B Al-Maghrabi, J Al-Maghrabi
Annals of Diagnostic Pathology
2017

The Transmuted Geometric-Weibull distribution: Properties, Characterizations and Regression Models
ZM Nofal, YM El Gebaly, E Altun, M Alizadeh, NS Butt
Pakistan Journal of Statistics and Operation Research 13 (2)
2017

Effect of diet on type 2 diabetes mellitus: A review
W Sami, T Ansari, NS Butt, MR Ab Hamid
International journal of health sciences 11 (2), 65
2017

Immunohistochemical expression of galectin-3 is significantly associated with grade, stage and differentiation of endometrial carcinomas
J Al-Maghrabi, AS Abdelrahman, T Ghabrah, NS Butt, B Al-Maghrabi, ...
Pathology-Research and Practice 213 (4), 348-352
2017

Expression of p-AMPK is associated with hormone receptor phenotypes and lymph node metastasis in breast cancer
MN Khabaz, K Al-Sakkaf, IA Qureshi, NS Butt, L Damnhory, M Elshal, ...
International journal of clinical and experimental pathology 10 (6), 7044-7051
2017

In-vitro susceptibility of methicillin-resistant Stayphylococcus aureus to honey
MB Hussain, A Hannan, M Absar, NS Butt
Complementary Therapies in Clinical Practice 27 (2017), 57-60
2017

The McDonald's Inverse Weibull Distribution
SH Shahbaz, M Ismail, NS Butt
Pakistan Journal of Statistics and Operation Research 12 (4), 775-785
2016

Use of e-Learning for Stress management-Multi-group moderation analysis
A Sarwar, C Ketavan, NS Butt
Pakistan Journal of Statistics and Operation Research 12 (4)
2016

The Four-Parameter Burr XII Distribution: Properties, Regression Model and Applications
AZ Afify, GM Cordeiro, EMM Ortega, HM Yousof, NS Butt
Communications in Statistics-Theory and Methods
2016

Type 2 diabetes mellitus: Link between diet, HbA1c and complications.
W Sami, T Ansari, NS Butt, A Hamid, M Rashid
Australasian Medical Journal 9 (9)
2016

Clusterin immunoexpression is associated with early stage endometrial carcinomas
JA Al-Maghrabi, NS Butt, N Anfinan, K Sait, H Sait, O Bajouh, MN Khabaz
Acta histochemica 118 (4), 430-434
2016

On six-parameter Fréchet distribution: Properties and applications
2016

HM Yousof, ZA Ahmed, N Abd El Hadi, GG Hamedani, NS Butt
Pakistan Journal of Statistics and Operation Research 12 (2)

The transmuted Weibull-Pareto distribution
AZ Afify, HM Yousof, NS Butt, GG Hamedani
Pak. J. Statist 32 (3), 183-206

2016

Infrequent Immunohistochemical Expression of Napsin A in Endometrial Carcinomas.
JA Al-Maghrabi, NS Butt, N Anfinan, K Sait, H Sait, A Marzouki, ...
Applied immunohistochemistry & molecular morphology: AIMM

2016

Association of ankle brachial index in middle aged and elderly with their cardiovascular risk factors: a
cross-sectional study
F Anwer, AA Malik, NS Butt, MA Bakarman, AS Ahmad, MA Bashir
Pakistan Heart Journal 49 (4), 151-157

2016

Cyclin D1 expression is associated with stage, grade and survival in urinary bladder carcinoma
MN Khabaz, A Buhmeida, T Ghabrah, IA Qureshi, NS Butt, B Al-Maghrabi, ...
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE 9 (12), 23482-
23490

2016

Leptin expression in stromal cells of endometrial carcinomas is associated with advanced stage and
disease recurrence
MN Khabaz, NS Butt, B Al-Maghrabi, N Anfinan, K Sait, J Al-Maghrabi
Int J Clin Exp Pathol 9 (11), 11774-11780

2016

Loss of c-met expression in malignant endometrial tumors: an immunohistochemistry study
MN Khabaz, NS Butt, N Anfinan, K Sait, H Sait, JA Al-Maghrabi
Int J Clin Exp Pathol 9 (4), 4416-4423

2016

A new lifetime model with variable shapes for hazard rate
A Afify, ZM Nofal, G Cordeiro, NS Butt
Brazilian Journal of Probability and Statistics

2016

Transmuted power function distribution
MA ul Haq, NS Butt, RM Usman, AA Fattah
Gazi University Journal of Science 29 (1), 177-185

2016

Single institutional series of neuroendocrine tumors managed in the Australian Capital Territory
L Malik, YJ Chua, NS Butt, D Yip
Asia-Pacific Journal of Clinical Oncology 12 (1), e133-140

2016

The transmuted exponentiated generalized-G family of distributions
HM Yousof, AZ Afify, M Alizadeh, NS Butt, GG Hamedani, MM Ali
Pakistan Journal of Statistics and Operation Research 11 (4)

2015

Impact of eLearning Perception and eLearning Advantages on eLearning for Stress Management
(Mediating Role of eLearning for Corporate Training)
A Sarwar, C Ketavan, NS Butt
Pakistan Journal of Statistics and Operation Research 11 (2)

2015

The Transmuted Weibull Lomax Distribution: Properties and Application
AZ Afify, ZM Nofal, HM Yousof, YM El Gebaly, NS Butt
Pakistan Journal of Statistics and Operation Research 11 (1), 135-153

2015

Assessing and comparing peritonitis detection techniques on patients on peritoneal dialysis in a

2015

tertiary care setting of Lahore, Pakistan
SM Rizwan, AA Malik, MA Bakarman, NS Butt, HNMM Anees, SM Irfan
Sci.Int.(Lahore) 27 (4), 3681-3685

On estimation in three and four phase sampling
S Hanif, NS Butt, MQ Shahbaz
Sci.Int.(Lahore) 27 (4), 3019-3022                                    2015

A New Regression Estimator Based on Two Auxiliary Variables
S Shahbaz, M Zubair, NS Butt, M Ismail
Research Journal of Applied Sciences, Engineering and Technology 8 (2), 251-252    2014

The Trivariate Pseudo Inverse Weibull Distribution
S Shahbaz, MQ Shahbaz, NS Butt, M Ismail
Caspian Journal of Applied Sciences Research 3 (9), 24-28              2014

Transmuted Complementary Weibull Geometric Distribution
AZ Afify, ZM Nofal, NS Butt
Pakistan Journal of Statistics and Operation Research 10 (4), 435-454    2014

Investor's Bhhavior in Pakistan Mercantile Exchange(PMEX)
A Sarwar, Z Mansoor, NS Butt
Science International 26 (3), 1371-1377                                2014

Psychometric analysis of Depression, Anxiety and Stress among Women of Wazirabad City
A Riaz, S Kamal, NS Butt
Caspian Journal of Applied Sciences Research 2 (10), 61-68            2013

A New Generalization of Quadratic Hazard Rate Distribution
I Elbatal, NS Butt
Pakistan Journal of Statistics and Operation Research 9 (4), 343-361    2013

The Kumaraswamy-Inverse Weibull Distribution.
MQ Shahbaz, S Shahbaz, NS Butt
Pakistan Journal of Statistics & Operation Research 8 (3), 479-489    2012

Seemingly Unrelated Multivariate Regression Estimators for Multi-Phase Sampling
NS Butt, S Kamal, MQ Shahbaz
World Applied Sciences Journal 19 (12), 1704-1709                      2012

Multivariate Estimators for Two Phase Sampling
NS Butt, S Kamal, MQ Shahbaz
World Applied Sciences Journal 13 (10), 2216-2223                      2011

Simulation Study to Compare the Random Data Generation from Bernoulli Distribution in Popular
Statistical Packages
MP Kashyap, NS Butt, D Bhattacharjee                                   2010
Pakistan Journal of Statistics and Operation Research 5 (2), 99-106

A Class of Weighted Weibull Distribution
S Shahbaz, MQ Shahbaz, NS Butt
Pakistan Journal of Statistics and Operation Research 6 (1), 53-59    2010

Statistical Approach to Predict the Ischemic Heart Disease
M Hanif, A., Akhtar, B., Butt, A., Butt, N., Khan, B., & Sajid        2010
Annals of King Edward Medical University 16 (1)

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|---|---|
| Estimation of Population Mean in Two Phase Sampling using Attribute Auxiliary Information<br>NS Butt, MQ Shahbaz<br>6th IMT-GT Conference on Mathematics, Statistics and its Applications ... | 2010 |
| Estimation of Population Mean in Two-Phase Sampling<br>NS Butt, S Kamal, MQ Shahbaz<br>Middle East Journal of Scientific Research 6 (2), 198-200 | 2010 |
| Survival Behavior of Children from Birth to 24 Months of Age in Gowal Mandi Area, Lahore<br>NSB Muhammad Afzal,Munir Aktar Saleemi,Farwa Rizvi,Shazia Munawar,Ghausia ...<br>Annals of PIMS 5 (1) | 2009 |
| Simulation study to check the performance of various unequal probability sampling estimators<br>NS Butt, MQ Shahbaz<br>Science International 21 (22), 73-75 | 2009 |
| Early-life Risk Factors for Adult Chronic Disease: Follow-up of a Cohort Born During 1964–1978 in an Urban Slum of Lahore, Pakistan<br>F Jalil, SE Moore, NS Butt, RN Ashraf, S Zaman, AM Prentice, LÅ Hanson<br>Journal of Health, Population, and Nutrition 26 (1), 12-21 | 2008 |
| MANOVA with Summary Statistics: A Stata Program<br>NS Butt, MQ Shahbaz, S Kamal<br>Pakistan Journal of Statistics and Operation Research 4 (1), 9-17 | 2008 |
| ANOVA with Summary Statistics: A Stata Macro<br>NS Butt, S Kamal, MQ Shahbaz<br>Pakistan Journal of Statistics and Opration Research 2 (1), 57-62 | 2006 |
| Free and Total Prostate Specific Antigen in Benign Prostate Hyperplasia and Prostate Cancer<br>MW Naz, S., Ahmad, S., Ghafoor, F., Butt, N. S., & Akhtar<br>J Coll Physicians Surg Pak 14 (2), 69-71 | 2004 |
| Modification of Murthy's estimator using general selection procedure for unequal probability sampling without replacement<br>NS Butt, MQ Shahbaz<br>Pak J. Statist 20 (2), 297-302 | 2004 |

## References
**Professor Dr. Hanif Mian**
Professor
Department of Mathematical Sciences, Lahore University of Management Sciences, Lahore.

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College of Statistical and Actuarial Sciences, University of the Punjab. Lahore.

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