Bibliography

Books

1. Committee on Standards for Systematic Review of Comparative Effectiveness Research. <u>Finding What Works in Health Care: Standards for Systematic Reviews</u>, eds. J Eden, L Levit, A Berg and S Morton. Washington, DC: Institute of Medicine of the National Academies, 2011.

Refereed Papers

- 1. **Schmid CH** and Rosner B. A Bayesian Approach to Logistic Regression Models Having Measurement Error Following a Mixture Distribution. *Statistics in Medicine* 12:1141-1153, 1993. [PMID: 8210818]
- 2. Schmidt-Ullrich RK, Wazer DE, DiPetrillo T, Marchant DJ, Smith TJ, Safaii H, **Schmid C** and Homer MJ. Breast Conservation Therapy for Early Stage Breast Carcinoma with Outstanding 10-year Locoregional Control Rates: A Case for Aggressive Therapy to the Tumor Bearing Quadrant. *Int. J. Radiation Oncology Biol. Phys.* 27:545-552, 1993. [PMID: 8226147]
- 3. Rhodes J, Udelson JE, Marx GR, **Schmid CH**, Konstam MA, Hijazi ZM, Bova SA and Fulton DR. A New Noninvasive Method for the Estimation of Peak dP/dt. *Circulation* 88: 2693-2699, 1993. [PMID: 8252680]
- 4. Bry JDL, Belkin M, O'Donnell TF, Mackey WC, Udelson JE, **Schmid CH** and Safran DG. An Assessment of the Positive Predictive Value and Cost-Effectiveness of Dipyridamole Myocardial Scintigraphy in Patients Undergoing Vascular Surgery. *Journal of Vascular Surgery* 19:112-124, 1994. [PMID: 8301724]
- 5. Steere AC, Levin RE, Molloy PJ, Kalish RA, Abraham JH, Liu NY and **Schmid CH**. Treatment of Lyme Arthritis. *Arthritis and Rheumatism* 37: 878-888, 1994. [PMID: 8003060]
- 6. Goldenberg DL, Kaplan KH, Nadeau MG, Brodeur C, Smith S and **Schmid CH**. A Controlled Study of a Stress-Reduction, Cognitive-Behavioral Treatment Program in Fibromyalgia. *Journal of Musculoskeletal Pain* 2: 53-66, 1994.
- 7. Graham RA, Homer MJ, Sigler CJ, Safaii H, **Schmid CH**, Marchant DJ and Smith TJ. The Efficacy of Specimen Radiograpy in Evaluating the Surgical Margins of Impalpable Breast Carcinoma. *American Journal of Roentology* 162: 33-36, 1994. [PMID: 8273685]
- 8. Kaelin CM, Smith TJ, Homer MJ, Taback B, Azurin D, **Schmid CH** and Weld L. Safety, Accuracy, and Diagnostic Yield of Needle Localization Biopsy of the Breast Performed Using Local Anesthesia. *Journal of the American College of Surgeons*, 179: 267-272, 1994. [PMID: 8069420]
- 9. Wazer DE, Erban JK, Robert NJ, Smith TJ, Marchant DJ, **Schmid C**, DiPetrillo T and Schmidt-Ullrich R. Breast Conservation in Elderly Women for Clinically Negative Axillary Lymph Nodes without Axillary Dissection. *Cancer* 74: 878-883, 1994. [PMID: 8039115]
- 10. Fink JC, **Schmid CH** and Selker HP. A Decision Aid for Referring Patients with Systolic Murmurs for Echocardiography. *J. General Internal Medicine* 9: 479-484, 1994. [PMID: 7996289]
- 11. Pereira BJG, Wright TL, **Schmid CH**, Bryan CF, Cheung RC, Cooper ES, Hsu H, Kelly MK, Light JA, Norman DJ, Van Thiel DH, Werner BG, Wright CE, and Levey AS. Screening and Confirmatory Testing of Cadaver Organ Donors for Hepatitis C Virus Infection: A U.S. National Collaborative Study. *Kidney International* 46: 886-892, 1994. [PMID: 7527878]
- 12. Selker, HP, Beshansky JR, **Schmid CH**, Griffith JL, Longstreth WT, O'Connor CM, Caplan LR, Massey EW, D'Agostino RB, Laks MM, Lee KL, Maynard C, Wagner GS, Weaver WD and Califf RM. Presenting Pulse Pressure Predicts Thrombolytic Therapy-Related Intracranial Haemorrhage: Thrombolytic Predictive Instrument (TPI) Project Results. *Circulation* 90: 1657-1661, 1994. [PMID: 7923649]

- 13. **Schmid CH**, Segal M and Rosner B. Incorporating Measurement Error in the Estimation of Autoregressive Models for Longitudinal Data. *Journal of Statistical Planning and Inference* 42:1-18, 1994. [PMID: 7923649]
- 14. Maynard C, Selker HP, Beshansky JR, Griffith JL, **Schmid CH**, Califf RM, D'Agostino RB, Laks MM, Lee KL, Wagner GS and Weaver WD. The Exclusion of Women from Clinical Trials of Thrombolytic Therapy: Implications for Developing the Thrombolytic Predictive Instrument Database. *Medical Decision Making* 15: 38-43, 1995. [PMID: 7898296]
- 15. Lau J, **Schmid CH** and Chalmers TC. Cumulative Meta-Analysis of Clinical Trials Builds Evidence for Exemplary Medical Care. *Journal of Clinical Epidemiology* 48: 45-57, 1995. [PMID: 7853047]
- 16. Pereira BJG, Wright TL, **Schmid CH**, and Levey AS for The New England Organ Bank Hepatitis C Study Group. A Controlled Study of Hepatitis C Transmission by Organ Transplantation. *Lancet* 345: 484-487, 1995. [PMID: 7532254]
- 17. Werner-Wasik M, **Schmid CH**, Bornstein LE and Madoc-Jones H. Increased Risk of Second Malignant Neoplasms Outside Radiation Fields in Patients with Cervical Carcinoma. *Cancer* 75: 2281-2285, 1995. [PMID: 7712437]
- 18. Werner-Wasik M, **Schmid CH**, Bornstein L, Ball HG, Smith DM, and Madoc-Jones H. Prognostic Factors for Local and Distant Recurrence in Stage I and II Cervical Carcinoma. *Int. J. Radiation Oncology Biol. Phys.* 32: 1309-1317, 1995. [PMID: 7635770]
- 19. Pereira BJG, Wright TL, **Schmid CH**, and Levey AS. The Impact of Pretransplantation Hepatitis C Infection on the Outcome of Renal Transplantation. *Transplantation* 60:799-805, 1995. [PMID: 7482738]
- 20. Goldenberg DL, Mossey CJ and **Schmid CH**. A Model to Assess Severity and Impact of Fibromyalgia. *Journal of Rheumatology* 22:2313-2318, 1995. [PMID: 8835568]
- 21. **Schmid CH**. An EM Algorithm Fitting First-Order Conditional Autoregressive Models to Longitudinal Data. *Journal of the American Statistical Association* 91:1322-1330, 1996.
- 22. Pereira BJG, Natov SN, Sundaram S, **Schmid CH**, Trabelsi FR, Strom JA and King AJ. Impact of Single Use Versus Reuse of Cellulose Dialyzers on Clinical Parameters and Indices of Biocompatibility. *Journal of the American Society of Nephrology* 7:861-870, 1996. [PMID: 8793794]
- 23. Lakshmipathy N, Bokesch PM, Cowan DE, Lisman SR and **Schmid CH**. Environmental Tobacco Smoke: A Risk Factor for Pediatric Laryngospasm. *Anesthesia Analgesics* 82:724-727, 1996. [PMID: 8615487]
- 24. Wazer DE, Gage I, Homer MJ, Krosnick SH and **Schmid C**. Age-Related Differences in Patients with Nonpalpable Breast Carcinomas. *Cancer* 78:1432-1437, 1996. [PMID: 8839548]
- 25. Cappelleri JC, Ioannidis JPA, **Schmid CH**, de Ferranti SD, Aubert M, Chalmers TC and Lau J. Large Trials Vs Meta-Analysis of Smaller Trials: How Do Their Results Compare? *Journal of the American Medical Association* 276:1332-1338, 1996. [PMID: 8861993]
- 26. Nocton JJ, Bloom BJ, Rutledge BJ, Persing DH, Logigian EL, **Schmid CH** and Steere AC. Detection of *Borrelia Burgdorferi* DNA by Polymerase Chain Reaction in Cerebrospinal Fluid in Lyme Neuroborreliosis. *Journal of Infectious Diseases* 174: 623-627, 1996. [PMID: 8769624]
- 27. Ioannidis JPA, Cappelleri JC, **Schmid CH** and Lau J. Impact of Epidemic and Individual Heterogeneity on the Population Distribution of Disease Progression Rates: An Example from Patient Populations in Trials of Human Immunodeficiency Virus Infection. *American Journal of Epidemiology* 144: 1074-1085, 1996. [PMID: 8942440]
- 28. Goldenberg D, Mayskiy M, Mossey C, Ruthazer R and **Schmid C**. A Randomized, Double-Blind Crossover Trial of Fluoxetine and Amitriptyline in the Treatment of Fibromyalgia. *Arthritis and Rheumatism* 39:1852-1859, 1996. [PMID: 8912507]

- 29. Stason W, **Schmid CH**, Caubet JF, Kupelnick B, Cory D, Whiting G, Chalmers TC and Ross SD. Searching for Signals: Mortality and Cardiovascular Events in Published Randomized Control Trials of Nifedipine in Ischemic Heart Disease and Hypertension. *Journal of Hypertension* 14 (suppl 2): S5-S7, 1996. [PMID: 8934371]
- 30. Murthy BVR, Muerhoff AS, Desai SM, Lund J, **Schmid CH**, Levey AS, Mushahwar IK and Pereira BJG. GB Hepatitis Agent In Cadaver Organ Donors and Their Recipients. *Transplantation*, 63:346-351, 1997. [PMID: 9039921]
- 31. Bouthot BA, Murthy BVR, **Schmid CH**, Levey AS and Pereira BJG. Long-Term Follow-up of Hepatitis C Virus Infection Among Organ Transplant Recipients: Implications for Policies on Organ Procurement. *Transplantation* 63:849-853, 1997. [PMID: 9089225]
- 32. Zucker DR, **Schmid CH**, McIntosh MW, D'Agostino RB, Selker HP and Lau J. Combining Single Patient (N-of-1) Trials to Estimate Population Treatment Effects and to Evaluate Individual Patient Responses to Treatment. *Journal of Clinical Epidemiology* 50:401-410, 1997. [PMID: 9179098]
- 33. Murthy BVR, Muerhoff AS, Desai SM, Mushahwar IK, **Schmid CH**, Levey AS and Pereira BJG. Impact of Pretransplantation GB Virus C Infection on the Outcome of Renal Transplantation. *Journal of the American Society of Nephrology* 8:1164-1173, 1997. [PMID: 9219167]
- 34. Stason WB, **Schmid CH**, Niedzwiecki D, Whiting G, Cory D, Luo D, Caubet JF, Sheinhait I, Freedman R, Ross SD and Chalmers TC. Safety of Nifedipine in Patients with Hypertension: A Meta-Analysis. *Hypertension* 30: 7-14,1997. [PMID: 9231814]
- 35. Wazer DE, Schmidt-Ullrich RK, **Schmid CH**, Ruthazer R, Kramer B, Safaii H and Graham R. The Value of Breast Lumpectomy Margin Assessment as a Predictor of Residual Tumor Burden. *Int. J. Radiation Oncology Biol. Phys.* 38: 291-299, 1997. [PMID: 9226315]
- 36. Wazer DE, Morr J, Erban J, **Schmid C**, Ruthazer R and Schmidt-Ullrich RK. The Effects of Postradiation Treatment with Tamoxifen on Local Control and Cosmetic Outcome in the Conservatively Treated Breast. *Cancer* 80:732-740, 1997. [PMID: 9264357]
- 37. Tunis SR, Sheinhait IA, **Schmid CH**, Bishop DJ and Ross SD. Lansoprazole Compared with Histamine₂-Receptor Antagonists in Healing Gastric Ulcers: A Meta-Analysis. *Clinical Therapeutics* 19: 743-757, 1997. [PMID: 9377618]
- 38. Wazer DE, Kramer B, **Schmid C**, Ruthazer R, Ulin K and Schmidt-Ullrich R. Factors Determining Outcome in Patients Treated with Interstitial Implantation as a Radiation Boost for Breast Conservation Therapy. *Int. J. Radiation Oncology Biol. Phys.* 39: 381-393, 1997. [PMID: 9308942]
- 39. Selker HP, Griffith JL, Beshansky JR, **Schmid CH**, Califf RM, D'Agostino RB, Laks MM, Lee KL, Maynard C, Selvester RH, Wagner GS, Weaver WD. Patient-Specific Predictions of Outcomes in Myocardial Infarction for Real-Time Emergency Use: A Thrombolytic Predictive Instrument. *Annals of Internal Medicine*, 127: 538-556, 1997. [PMID: 9313022]
- 40. **Schmid CH**, D'Agostino RB, Griffith JL, Beshansky JR, Selker HP. A Logistic Regression Model When Some Events Precede Treatment: The Effect of Thrombolytic Therapy for Acute Myocardial Infarction on the Risk of Cardiac Arrest. *Journal of Clinical Epidemiology*, 50: 1219-1229, 1997. [PMID: 9393378]
- 41. Lafayette RA, Pare G, **Schmid CH**, King AJ, Rohrer RJ and Nasraway SA. Pretransplant Renal Dysfunction Predicts Poorer Outcome in Liver Transplantation. *Clinical Nephrology* 48: 159-164, 1997. [PMID: 9342487]
- 42. Rhodes J, Warner KG, Fulton DR, Romero BA, **Schmid CH** and Marx GR. Fate of Mitral Regurgitation Following Repair of Atrioventricular Septal Defects. *American Journal of Cardiology* 80: 1194-1197, 1997. [PMID: 9359549]

- 43. Lau J, Ioannidis JPA and **Schmid CH**. Quantitative Synthesis in Systematic Overviews. *Annals of Internal Medicine* 127: 820-826, 1997 and in <u>Systematic Reviews: Synthesis of Best Evidence for Health Care Decisions</u>. Philadelphia: American College of Physicians, 91-101, 1998. [PMID: 9382404]
- 44. Lau J, Ioannidis JPA and **Schmid CH**. Summing Up Evidence: One Answer Is Not Always Enough. *Lancet* 351: 123-127, 1998. [PMID: 9439507]
- 45. King AJ, Kehayias JJ, Roubenoff R, **Schmid CH** and Pereira BJG. Cytokine Production and Nutritional Status in Hemodialysis Patients. *International Journal of Artificial Organs* 21:4-11, 1998. [PMID: 9554819]
- 46. Wazer DE, Schmidt-Ullrich RK, Ruthazer R, **Schmid CH**, Graham R, Safaii H, Rothschild J, McGrath J and Erban JK. Factors Determining Outcome for Breast-Conserving Irradiation with Margin-Directed Dose Escalation to the Tumor Bed. *Int. J. Radiation Oncology Biol. Phys.* 40: 851-858, 1998. [PMID: 9531370]
- 47. Pereira BJG, Natov SN, Bouthot BA, Murthy BVR, Ruthazer R, **Schmid CH**, Levey AS and the New England Organ Bank Hepatitis C Study Group. Effect of Hepatitis C Infection and Renal Transplantation on Survival in End-Stage Renal Disease. *Kidney International* 53: 1374-1381, 1998. [PMID: 9573555]
- 48. Murthy BVR, Muerhoff AS, Desai SM, Natov SN, Bouthot BA, Ruthazer R, **Schmid CH**, Levey AS, Mushahwar IK and Pereira BJG. Predictors of GBV-C Infection Among Patients Referred for Renal Transplantation. *Kidney International*, 53: 1769-1774, 1998. [PMID: 9607211]
- 49. Natov SN, Lau JY, Bouthot BA, Murthy BV, Ruthazer R, **Schmid CH**, Levey AS, Pereira BJ. Serologic and virologic profiles of hepatitis C infection in renal transplant candidates. New England Organ Bank Hepatitis C Study Group. *American Journal of Kidney Disease*, 31:920-927, 1998. [PMID: 9631834]
- 50. Steere AC, Sikand VK, Meurice F, Parenti DL, Fikrig E, Schoen RT, Nowakowski J, **Schmid CH**, Laukamp S, Buscarino C, Krause DS and the Lyme Disease Vaccine Study Group. Vaccination Against Lyme Disease With Recombinant Borrelia Burgdorferi Outer-Surface Lipoprotein A With Adjuvant. *New England Journal of Medicine* 339: 209-215, 1998. [PMID: 9673298]
- 51. **Schmid CH**, Lau J, McIntosh MW and Cappelleri JC. An Empirical Study of the Effect of the Control Rate as a Predictor of Treatment Efficacy in Meta-Analysis of Clinical Trials. *Statistics in Medicine* 17:1923-1942, 1998. [PMID: 9777687]
- 52. Balakrishnan VS, Jaber BL, Natov SN, Cendoroglo M, King AJ, **Schmid CH** and Pereira BJG. Interleukin-1 Receptor Antagonist Synthesis by Peripheral Blood Mononuclear Cells in Hemodialysis Patients: Influence of Clinical and Laboratory Values. *Kidney International* 54: 2106-2112, 1998. [PMID: 9853276]
- 53. Ettinger LM, Hijazi ZM, Geggel RL, Supran SE, Cao QL, **Schmid CH**. Peripheral pulmonary artery stenosis: Acute and mid-term results of high pressure balloon angioplasty. *Journal of Interventional Cardiology* 11: 337-344, 1998.
- 54. **Schmid CH**. Exploring Heterogeneity in Randomized Trials via Meta-Analysis. *Drug Information Journal* 33: 211-224, 1999.
- 55. Stason WB, **Schmid CH**, Niedzwiecki D, Whiting GW, Caubet JF, Cory D, Luo D, Ross SD and Chalmers TC. Safety of Nifedipine in Angina Pectoris: A Meta-Analysis. *Journal of Hypertension* 33: 24-31, 1999. [PMID: 9931077]
- 56. Engels EA, Ellis CA, Supran SE, **Schmid CH**, Barza M, Schenkein DP, Koc Y, Miller KB and Wong JB. Early Infection in Bone Marrow Transplantation: Quantitative Study of Clinical Factors That Affect Risk. *Clinical Infectious Diseases* 28:256-266, 1999. [PMID: 10064241]

- 57. **Schmid CH**, Whiting G, Cory D, Ross SD and Chalmers TC. Omeprazole Plus Antibiotics in the Eradication of Helicobacter pylori Infection: A Meta-Regression Analysis of Randomized, Controlled Trials. *American Journal of Therapeutics* 6: 25-36, 1999. [PMID: 10423644]
- 58. Wazer DE, Jabro G, Ruthazer R, **Schmid C**, Safaii H and Schmidt-Ullrich RK. Extent of Margin Positivity as a Predictor for Local Recurrence After Breast Conserving Irradiation. *Radiation Oncology Investigations* 7: 111-117, 1999. [PMID: 10333252]
- 59. Natov SN, Lau JYN, Ruthazer R, **Schmid CH**, Levey AS, Pereira BJG and the New England Organ Bank Hepatitis C Study Group. Hepatitis C Virus Genotype Does Not Affect Patient Survival Among Renal Transplant Candidates. *Kidney International* 56: 700-706, 1999. [PMID: 10432411]
- 60. Kaplan MM, **Schmid C**, Provenzale D, Sharma A, Dickstein G and McKusick A. A Prospective Trial of Colchicine and Methotrexate in the Treatment of Primary Biliary Cirrhosis. *Gastroenterology* 117: 1173-1180, 1999. [PMID: 10535881]
- 61. Arbo MDJ, Syndman DR, Wong J, Goldberg HS, **Schmid CH** and Pauker SG. Cytomegalovirus Immune Globulin After Liver Transplantation: A Cost-Effectiveness Analysis. *Clinical Transplantation* 14: 19-27, 2000. [PMID: 10693631]
- 62. Engels EA, **Schmid CH**, Terrin N, Olkin I and Lau J. Heterogeneity and Statistical Significance in Meta-Analysis: An Empirical Study of 125 Meta-Analyses. *Statistics in Medicine* 19:1707-1728, 2000. [PMID: 10861773]
- 63. Balakrishnan VS, **Schmid CH**, Jaber BL, Natov SN, King AJ, Pereira BJG. Interleukin-1 Receptor Antagonist Synthesis by Peripheral Blood Mononuclear Cells: A Novel Predictor of Morbidity Among Hemodialysis Patients. *Journal of the American Society of Nephrology*, 11: 2114-2121, 2000. [PMID: 11053488]
- 64. Athienites NV, Miskulin DC, Fernandez G, Bunnapradist S, Simon G, Landa M, **Schmid CH**, Greenfield S, Levey AS, Meyer KB. Comorbidity assessment in hemodialysis and peritoneal dialysis using the index of coexistent disease. *Seminars in Dialysis* 13: 320-326, 2000. [PMID: 11014695]
- 65. **Schmid CH**. Using Bayesian Inference to Perform Meta-Analysis. *Evaluation and the Health Professions* 24: 165-189, 2001. [PMID: 11523385]
- 66. Klempner MS, **Schmid CH**, Hu L, Steere AC, Johnson G, McLeod B, Noring R and Weinstein A. Intralaboratory Reliability of Serologic and Urine Testing for Lyme Disease. *American Journal of Medicine* 110: 217-219, 2001. [PMID: 11182109]
- 67. Jafar TH, **Schmid CH**, Landa M, Giatras I, Toto R, Remuzzi G, Maschio G, Brenner BM, Kamper A, Zucchelli P, Becker G, Himmelmann A, Bannister K, Landais P, Shahinfar S, de Jong PE, de Zeeuw D, Lau J and Levey AS for the AIPRD Study Group. Angiotensin-Converting Enzyme Inhibitors and Progression of Nondiabetic Renal Disease: A Meta-Analysis of Patient-Level Data. *Annals of Internal Medicine*, 135:73-87, 2001. [PMID: 11453706]
- 68. Klempner MS, Hu LT, Evans J, **Schmid CH**, Johnson GM, Trevino RP, Norton D, Levy L, Wall D, McCall J, Kosinski M, and Weinstein A. Two Controlled Trials of Antibiotic Treatment in Patients with Persistent Symptoms and a History of Lyme Disease. *New England Journal of Medicine* 345: 85-92, 2001. [PMID: 11450676]
- 69. Jafar TH, Stark PC, **Schmid CH**, Landa M, Maschio G, Marcantoni C, de Jong PE, de Zeeuw D, Shahinfar S, Ruggenenti P, Remuzzi G and Levey AS for the AIPRD Study Group. Proteinuria as a Modifiable Risk Factor for the Progression of Non-Diabetic Renal Disease. *Kidney International* 60: 1131-1140, 2001. [PMID: 11532109]
- 70. **Schmid CH**. Marginal and Dynamic Regression Models for Longitudinal Data. *Statistics in Medicine* 20: 3295-3311, 2001. [PMID: 11746319]

- 71. **Schmid CH**, Griffith JL, Terrin N and D'Agostino RB Sr. Predictive Performance of Missing Data Methods for Logistic Regression, Classification Trees and Neural Networks. *Journal of Statistical Computation and Simulation* 71: 115-140,2001.
- 72. Berlin JA, Santanna J, **Schmid CH**, Szczech LA, Feldman HI for the Anti-lymphocyte Antibody Induction Therapy Study Group. Individual Patient versus Group-level Data Meta-regressions for the Investigation of Treatment Effect Modifiers: Ecological Bias Rears Its Ugly Head. *Statistics in Medicine* 21: 371-387, 2002. [PMID: 11813224]
- 73. Jaber BL, Lau J, **Schmid CH**, Karsou SA, Levey AS, Pereira BJG. Effect of Biocompatibility of Hemodialysis Membranes on Mortality in Acute Renal Failure: a Meta-analysis. *Clinical Nephrology* 57: 274-282, 2002. [PMID: 12005243]
- 74. Balk EM, Bonis PAL, Moskowitz H, **Schmid CH**, Ioannidis JPA, Wang C, Lau J. Correlation of quality measures with estimates of treatment effect in meta-analyses of randomized controlled trials. *JAMA* 287:2973-2982, 2002. [PMID: 12052127]
- 75. Norris SL, Lau J, Smith SJ, **Schmid CH**, Engelgau MM. Self-management Education for Adults With Type 2 Diabetes: a Meta-analysis of the Effect on Glycemic Control. *Diabetes Care* 25:1159-71, 2002. [PMID: 12087014]
- 76. Olsen IE, Richardson DK, **Schmid CH**, Ausman LM and Dwyer JT. Intersite Differences in Weight Growth Velocity of Extremely Premature Infants. *Pediatrics* 110:1125-1132, 2002. [PMID: 12456909]
- 77. Kent DM, **Schmid CH**, Lau J and Selker HP. Is Primary Angioplasty for Some as Good as Primary Angioplasty for All? Modeling Across Trials and Individual Patients. *Journal of General Internal Medicine* 17:887-894, 2002. [PMID: 12472924]
- 78. **Schmid CH**, Landa M, Jafar TH, Giatras I, Karim T, Reddy M, Stark PC and Levey AS for the Angiotensin-Converting Enzyme Inhibition in Progressive Renal Disease (AIPRD) Study Group. Constructing a Database of Individual Clinical Trials for Longitudinal Analysis. *Controlled Clinical Trials*, 24:324-340, 2003. [PMID: 12757997]
- 79. Selker HP, Raitt MH, **Schmid CH**, Laks MM, Beshansky JR, Griffith JL, Califf RM, Selvester RH, Maynard C, D'Agostino RB and Weaver WD. Time-Dependent Predictors of Primary Cardiac Arrest in Patients with Acute Myocardial Infarction. *American Journal of Cardiology* 91:280-286, 2003. [PMID: 12565083]
- 80. Terrin N, **Schmid CH**, Lau J and Olkin I. Adjusting for Publication Bias in the Presence of Heterogeneity. *Statistics in Medicine* 22: 2113-2126, 2003. [PMID: 12820277]
- 81. Jafar TH, Levey AS, Jafary FH, White F, Gul A, Rahbar MH, Khan AQ, Hattersley A, **Schmid CH**, Chaturvedi N. Ethnic Subgroup Differences in Hypertension in Pakistan. *Journal of Hypertension* 21: 905-912, 2003. [PMID: 12714864]
- 82. Kaplan RF, Trevino RP, Johnson GM, Levy L, Dornbush R, Hu LT, Evans J, Weinstein A, **Schmid CH** and Klempner MS. Cognitive Function in Post-treatment Lyme Disease: Do additional antibiotics help? *Neurology* 60: 1916-1922, 2003. [PMID: 12821733]
- 83. Jafar TH, Stark PC, **Schmid CH**, Landa M, Maschio G, de Jong PE, de Zeeuw D, Shahinfar S, Toto R, and Levey AS. Progression of Chronic Kidney Disease: The Role of Blood Pressure Control, Proteinuria, and Angiotensin-Converting Enzyme Inhibition: A Patient-Level Meta-Analysis. *Annals of Internal Medicine* 139: 244-252, 2003. [PMID: 12965979]
- 84. Terrin N, **Schmid CH**, Griffith JL, D'Agostino RB, Selker HP. External validity of predictive models: a comparison of logistic regression, classification trees, and neural networks. *Journal of Clinical Epidemiology* 56: 721-9, 2003. [PMID: 12954463]

- 85. Jafar TH, Chaturvedi N, Gul A, Khan AQ, **Schmid CH**, Levey AS. Ethnic differences and determinants of proteinuria among South Asian subgroups in Pakistan. *Kidney International* 64: 1437-1444, 2003. [PMID: 12969163]
- 86. Jafar TH, **Schmid CH**, Stark PC, Toto R, Remuzzi G, Ruggenenti P, Marcantoni C, Becker G, Shahinfar S, de Jong PE, de Zeeuw D, Kamper AL, Strangaard S and Levey AS for the ACE Inhibition in Progressive Renal Disease (AIPRD) Study Group. The rate of progression of renal disease may not be slower in women compared with men: a patient-level meta-analysis. *Nephrology Dialysis Transplantation* 18: 2047-2053, 2003. [PMID: 13679479]
- 87. Shearman AM, Cupples LA, Demissie S, Peter I, **Schmid CH**, Karas RH, Mendelsohn ME, Housman DE and Levy D. Association between estrogen receptor a gene variation and cardiovascular disease. *JAMA* 290: 2263-2270, 2003. [PMID: 14600184]
- 88. Olsen IE, Richardson DK, **Schmid CH**, Ausman LM, Dwyer JT. The impact of early transfer bias in a growth study among neonatal intensive care units. *Journal of Clinical Epidemiology* 56: 998-1005, 2003. [PMID: 14568632]
- 89. Norris SL, Zhang X, Avenell A, Gregg E, **Schmid CH**, Kim C, Lau J. Efficacy of pharmacotherapy for weight loss in adults with type 2 diabetes mellitus: a meta-analysis. *Archives of Internal Medicine* 164: 1395-1404, 2004. [PMID: 15249348]
- 90. Jafar TH, Levey AS, White FM, Gul A, Jessani S, Khan AQ, Jafary FH, **Schmid CH** and Chaturvedi N. Ethnic differences and determinants of diabetes and central obesity among South Asians of Pakistan. *Diabetic Medicine* 21: 716-723, 2004. [PMID: 15209764]
- 91. **Schmid CH**, Stark PC, Berlin JA, Landais P and Lau J. Meta-regression detected associations between heterogeneous treatment effects and study-level, but not patient-level, factors. *Journal of Clinical Epidemiology* 57: 683-697, 2004. [PMID: 15358396]
- 92. Norris SL, Zhang X, Avenell A, Gregg E, Bowman B, Serdula M, Brown TJ, **Schmid CH** and Lau J. The long-term effectiveness of lifestyle and behavioral weight loss interventions in adults with type 2 diabetes: A meta-analysis. *American Journal of Medicine* 116: 762-774, 2004. [PMID: 15541326]
- 93. Fleming RV, Marques AR, Klempner MS, **Schmid CH** Dally LG, Martin DS and Philipp MT. Pretreatment and Post-treatment Assessment of the C₆ Test in Patients with Persistent Symptoms and a History of Lyme Borreliosis. *European Journal of Clinical Microbiology & Infectious Diseases* 23:615-618, 2004. [PMID: 15243815]
- 94. Norris SL, Zhang X, Avenell A, Gregg E, Bowman B, **Schmid CH** and Lau J. Long-Term Effectiveness of Weight Loss Interventions in Adults with Pre-Diabetes: A Review. *American Journal of Preventive Medicine* 28:126-139, 2005. [PMID: 15626569]
- 95. Jafar TH, Stark PC, **Schmid CH**, Strangaard S, Kamper AL, Maschio G, Becker G, Perrone RD and Levey AS for the ACE Inhibition in Progressive Renal Disease (AIPRD) Study Group. The effect of angiotensin-converting-enzyme inhibitors on progression of advanced polycystic kidney disease. *Kidney International* 67: 265-271, 2005. [PMID: 15610250]
- 96. Jafar TH, Islam M, Poulter N, Hatcher J, **Schmid CH**, Levey AS and Chaturvedi N. Children in South Asia Have Higher Body Mass Adjusted Blood Pressure Levels than Caucasian Children in the United States A Comparative Study. *Circulation* 111:1291-1297, 2005. [PMID: 15769771]
- 97. Gill CJ, Savin L and **Schmid CH**. Why clinicians are natural Bayesians. *British Medical Journal* 330: 1080-1083, 2005. [PMID: 15879401]
- 98. Wang C, Roubenoff R, Lau J, Kalish R, **Schmid CH**, Tighiouart H, Rones R, Hibberd PL. Effect of Tai Chi in adults with rheumatoid arthritis. *Rheumatology* 44: 685-687, 2005. [PMID: 15741197]

- 99. Tatsioni A, Zarin DA, Aronson N, Samson DJ, Flamm CR, **Schmid C**, Lau J. Challenges in Systematic Reviews of Diagnostic Technologies. *Annals of Internal Medicine* 142:1048-1055, 2005. [PMID: 15968029].
- 100. Terrin N, Schmid CH and Lau J. In an empirical evaluation of the funnel plot, researchers could not visually identify publication bias. *Journal of Clinical Epidemiology* 58:894-901, 2005. [PMID: 16085192]
- 101. Jafar TH, **Schmid CH** and Levey AS. Serum Creatinine as Marker of Kidney Function in South Asians: A Study of Reduced GFR in Adults in Pakistan. *Journal of the American Society of Nephrology* 16:1413-1419, 2005. [PMID: 15800118]
- 102. Jafar TH, Chaturvedi N, Hatcher J, Khan I, Rabbani A, Khan AQ, Portman R, **Schmid CH** and Levey AS. Proteinuria in South Asian Children: Prevalence and Determinants. *Pediatric Nephrology* 20: 1458-1465, 2005. [PMID: 15947988]
- 103. Olsen IE, Richardson DK, **Schmid CH**, Ausman LM, Dwyer JT. Dietitian Involvement in the Neonatal Intensive Care Unit: More Is Better. *Journal of the American Dietetic Association* 105: 1224-1230, 2005. [PMID: 16182638]
- 104. Klempner MS, Wormser GH, Wade K, Trevino R, Tang J, Kaslow RA and **Schmid CH**. A Case-Control Study to Examine HLA Haplotype Associations in Patients with Post-treatment Chronic Lyme Disease. *Journal of Infectious Diseases* 192: 1010-1013, 2005. [PMID: 16107953]
- 105. Shearman AM, Demissie S, Cupples LA, Peter I, **Schmid CH**, Ordovas JM, Mendelsohn ME and Housman DE. Tobacco smoking, estrogen receptor alpha gene variation and small low density lipoprotein level. *Human Molecular Genetics* 14: 2405-2413, 2005. [PMID: 16014638]
- 106. Peter I, Shearman AM, Vasan RS, Zucker DR, **Schmid CH**, Demissie S, Cupples LA, Kuvin JT, Karas RH, Mendelsohn ME, Housman DE and Benjamin EJ Association of estrogen receptor Beta gene polymorphisms with left ventricular mass and wall thickness in women. *American Journal of Hypertension*.18:1388-95,2005. [PMID: 16280269]
- 107. Peter I, Shearman AM, Zucker DR, **Schmid CH**, Demissie S, Cupples LA, Larson MG, Vasan RS, D'agostino RB, Karas RH, Mendelsohn ME, Housman DE and Levy D. Variation in estrogen-related genes and cross-sectional and longitudinal blood pressure in the Framingham Heart Study. *Journal of Hypertension*. 23: 2193-2200, 2005. [PMID: 16269961]
- 108. Demissie S, Cupples LA, Shearman AM, Gruenthal KM, Peter I, **Schmid CH**, Karas RH, Housman DE, Mendelsohn ME and Ordovas JM. *Estrogen Receptor-α* variants are associated with lipoprotein size distribution and particle levels in women: The Framingham Heart Study. *Atherosclerosis* 185: 210-218, 2006. [PMID: 16005459]
- 109. Lau J, Ioannidis JPA, Terrin N, **Schmid CH** and Olkin I. The case of the misleading funnel plot. *British Medical Journal* 333: 597-600, 2006. [PMID: 16974018]
- 110. Zucker DR, Ruthazer R, **Schmid CH**, Feuer JM, Fischer PA, Kieval RI, Mogavero N, Rapoport RJ, Selker HP, Stotsky SA, Winston E, Goldenberg DL. Lessons learned combining N-of-1 trials to assess fibromyalgia therapies. *Journal of Rheumatology* 33:2069-2077, 2006. [PMID: 17014022]
- 111. Hagadorn JI, Furey AM, Nghiem T-H, **Schmid CH**, Phelps DL, Pillers DM, Cole CH. Achieved Versus Intended Pulse Oximeter Saturation in Infants Less Than 28 Weeks Gestation: The AVIOx Study. *Pediatrics* 118:1574-1582, 2006. [PMID: 17015549]
- 112. Kourtis AP, **Schmid CH**, Jamieson DJ and Lau J. Use of antiretroviral therapy in pregnant HIV-infected women and the risk of premature delivery: A meta-analysis. *AIDS* 21:607-615, 2007. [PMID: 17314523]
- 113. Peter I, Huggins GS, Shearman AM, Pollak A, **Schmid CH**, Cupples LA, Demissie S, Patten RD, Karas RH, Housman DE, Mendelsohn ME, Vasan RS and Benjamin EJ. Age-related Changes in Echocardiographic

- Measurements: Association with Variation in the EstrogenReceptor-a Gene. *Hypertension* 49:1000–1006, 2007. [PMID: 17372038]
- 114. McAlindon T, Formica M, **Schmid CH** and Fletcher J. Changes in barometric pressure and ambient temperature influence osteoarthritis pain. *American Journal of Medicine* 120:429-434, 2007. [PMID: 17466654]
- 115. Hagadorn JI, Richardson DK, **Schmid CH** and Cole CH. Cumulative illness severity and progression from moderate to severe retinopathy of prematurity. *Journal of Perinatology* 27:502-509, 2007. [PMID: 17568754]
- 116. Chu SY, Kim SY, **Schmid CH**, Dietz PM, Callaghan WM, Lau J and Curtis KM. Maternal obesity and the risk of cesarean delivery: A meta-analysis. *Obesity Reviews* 8: 385-394, 2007. [PMID: 17716296]
- 117. Chu SY, Kim SY, Lau J, **Schmid CH**, Dietz PM, Callaghan WM and Curtis KM. Maternal obesity and risk of stillbirth: a metaanalysis. *American Journal of Obstetrics and Gynecology* 197: 223-228, 2007. [PMID: 17826400]
- 118. Chu SY, Callaghan WM; Kim SY, **Schmid CH**, Lau J, England L and Dietz PM. .Maternal obesity and risk of gestational diabetes mellitus: A meta-analysis. *Diabetes Care* 30: 2070-2076, 2007. [PMID: 17416786]
- 119. Shen Y-C, Eggleston K, Lau J and **Schmid CH**. Hospital Ownership and Financial Performance: What explains the different empirical literature findings? *Inquiry* 44:41-68, 2007. [PMID: 17583261]
- 120. Stevens LA, Manzi J, Levey AS, Chen J, Deysher AE, Greene T, Poggio ED, **Schmid CH**, Steffes MW, Zhang YL, Van Lente F, Coresh J. Impact of creatinine calibration on performance of GFR estimating equations in a pooled individual patient database. *American Journal of Kidney Diseases* 50:21-35, 2007. [PMID: 17591522]
- 121. Prata MM, Pinto Dos Santos J, Hegbrant J, **Schmid CH**, Pereira BJG and Wald R Dose Requirements among Hemodialysis Patients Treated with Darbepoietin-alpha or Epoetin-beta. *Nephron Clinical Practice* 107:c50-55, 2007. [PMID: 17713351]
- 122. Stevens LA, Coresh J, Feldman HI, Greene T, Lash JP, Nelson RG, Rahman M, Deysher AE, Zhang YL, **Schmid CH** and Levey AS. Evaluation of the MDRD Study Equation in a Large Diverse Population. *Journal of the American Society of Nephrology* 18: 2749-57, 2007. [PMID: 17855641]
- 123. Gordon CE, Uhlig K, Lau J, **Schmid CH**, Levey AS and Wong JB. Interferon Treatment in Hemodialysis Patients With Chronic Hepatitis C Virus Infection: A Systematic Review of the Literature and Meta-Analysis of Treatment Efficacy and Harms. *American Journal of Kidney Diseases* 51: 263-277, 2008. [PMID: 18215704]
- 124. Stevens LA, Coresh J, **Schmid CH**, Feldman HI, Froissart M, Kusek J, Rossert J, Van Lente F, Bruce RD, Zhang YL Greene T and Levey AS. Estimating GFR Using Serum Cystatin C Alone and in Combination With Serum Creatinine: A Pooled Analysis of 3,418 Individuals With CKD. *American Journal of Kidney Diseases* 51: 395-406, 2008. [PMID: 18295055]
- 125. Drees M, . Snydman DR, **Schmid CH**, Barefoot L, Hansjosten K, Vue PM, Cronin M, Nasraway SA and Golan Y. Prior Environmental Contamination Increases the Risk of Acquisition of Vancomycin-Resistant Enterococci. *Clinical Infectious Diseases* 46: 678-685, 2008. [PMID: 18631116]
- 126. Quach LB, Wanke CA, **Schmid CH**, Gorbach SL, Mwamburi MD, Mayer KH, Spiegelman D and Tang AM. Drug Use and Other Risk Factors Related to Lower Body Mass Index among HIV-Infected Individuals. *Drug and Alcohol Dependence* 95: 30-36. 2008. [PMID: 18243579]
- 127. Rao SR, Graubard BI, **Schmid CH**, Morton SC, Louis TA, Zaslavsky AM, Finkelstein DM. Meta-Analysis of Survey Data: Application to Health Services Research. *Health Services and Outcomes Research Methodology* 8: 98-114, 2008.

- 128. Rasmussen SA, Chu SY, Kim SY, **Schmid CH** and Lau J. Maternal obesity and risk of neural tube defects: A meta-analysis. *American Journal of Obstetrics and Gynecology* 198: 611-619, 2008. [PMID: 18538144]
- 129. Drees M, . Snydman DR, **Schmid CH**, Barefoot L, Hansjosten K, Vue PM, Cronin M, Nasraway SA and Golan Y. Antibiotic Exposure and Room Contamination among Patients Colonized with Vancomycin-Resistant Enterococci. *Infection Control and Hospital Epidemiology* 29: 709-715, 2008. [PMID: 18631116]
- 130. Rhee MS, **Schmid CH**, Stevens LA and Forrester JE. Risk Factors for Proteinuria in HIV-infected and uninfected Hispanic Drug Users. *American Journal of Kidney Diseases*, 52:683-90, 2008. [PMID: 18572293]
- 131. Wang C, **Schmid CH**, Hibberd PL, Kalish R, Roubennoff R, Rones R, Okparavero, A and McAlindon T. Tai Chi for treating knee osteoarthritis: designing a long-term follow up randomized controlled trial. *BMC Musculoskeletal Disorders* 9:108, 2008. [PMID: 18664276]
- 132. Wang C, De Pablo P, Chen X, **Schmid C** and McAlindon T. Acupuncture for pain relief in patients with rheumatoid arthritis: a systematic review. *Arthritis and Rheumatism (Arthritis Care and Research)* 59: 1249-1256, 2008. [PMID: 18759255]
- 133. Eggleston K, Shen Y-C, Lau J, **Schmid CH** and Chan J. Hospital Ownership and Quality of Care: What Explains the Different Results in the Literature? *Health Economics* 17:1345-1362, 2008. [PMID: 18186547]
- 134. Stevens LA, Zhang Y and **Schmid CH**. Evaluating the performance of equations for estimating glomerular filtration rate. *Journal of Nephrology* 21L 797-807, 2008. [PMID: 19034863]
- 135. Stevens LA, **Schmid CH**, Greene T, Li Liang, Beck GJ, Joffe M, Froissart M, Kusek J, Zhang Y, Coresh J and Levey AS. Factors other than glomerular filtration rate affect serum cystatin C levels. *Kidney International* 75:652-660, 2009. [PMID: 19119287]
- 136. Levey AS, Stevens LA, **Schmid CH**, Zhang Y, Castro AF, III, Feldman HI, Kusek JW, Eggers P, Van Lente F, Greene T and Coresh J, for the CKD-EPI (Chronic Kidney Disease Epidemiology Collaboration). A New Equation to Estimate Glomerular Filtration Rate. *Annals of Internal Medicine* 150: 604-612, 2009. [PMID: 19414839]
- 137. Stevens LA, Nolin TD, Richardson MM, Feldman HI, Lewis JB, Rodby R, Townsend R, Okparavero A, Zhang Y, **Schmid CH** and Levey AS on behalf of the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI). Comparison of drug dosing recommendations based on measured GFR and kidney function estimating equations. *American Journal of Kidney Diseases* 54: 33-42, 2009. [PMID: 19446939]
- 138. Stoycheff N, Stevens LA, **Schmid CH**, Tighiouart H, Lewis J, Atkins RC, Levey AS. Nephrotic syndrome in diabetic kidney disease: an evaluation and update of the definition. *American Journal of Kidney Diseases*, 2009. [PMID: 19556043
- 139. Gordon CE, Uhlig K, Lau J, **Schmid CH**, Levey AS and Wong JB. Interferon for Hepatitis C Virus in Hemodialysis an Individual Patient Meta-analysis of Factors Associated with Sustained Virological Response. *Clinical Journal of the American Society of Nephrology* 4: 1449-1458, 2009. [PMID: 19643927]
- 140. Wang C, **Schmid CH**, Hibberd PL, Kalish R, Roubenoff R, Rones R and McAlindon T. Tai Chi Is Effective in Treating Knee Osteoarthritis: A Randomized Controlled Trial. *Arthritis & Rheumatism (Arthritis Care & Research)* 61:1545–1553, 2009. [PMID: 19877092]
- 141. Bannuru RR, Natov NS, Obadan IE, Price LL, **Schmid CH** and McAlindon TE. Therapeutic trajectory of hyaluronic acid versus corticosteroids in the treatment of knee osteoarthritis: a systematic review

- and meta-analysis. *Arthritis and Rheumatism (Arthritis Care and Research)* 61: 1704-1711, 2009. [PMID: 19950318]
- 142. Wallace B, **Schmid CH**, Lau J, Trikalinos TA. Meta-Analyst: software for meta-analysis of binary, continuous and diagnostic data. *BMC Medical Research Methodology*, 2009, 9:80. [PMID: 19961608]
- 143. Stevens LA, **Schmid CH**, Zhang Y, Coresh J, Manzi J, Landis R, Bakoush O, Contreras G, Genuth S, Klintmalm GB, Poggio E, Rossing P, Rule AD, Weir MR, Kusek J, Greene T and Levey AS. Development and validation of GFR-estimating equations using diabetes, transplant and weight. *Nephrology, Dialysis and Transplant*, 25:449-57, 2010. [PMID: 19793928]
- 144. Wallace B, Trikalinos TA Lau J, Brodley CE and **Schmid CH**. Semi-automated screening of biomedical citations for systematic reviews. *BMC Informatics* 2010, 11:55. [PMID: 20102628]
- 145. Wang C, Bannuru R, Ramel J, Kupelnick B, Scott T and **Schmid CH**. Tai Chi on psychological well-being: systematic review and meta-analysis. *BMC Complementary and Alternative Medicine* 10:23, 2010. [PMID: 20492638]
- 146. Wang C, **Schmid CH**, Rones R, Kalish R, Yihn J, Goldenberg DL, Lee Y and McAlindon T. A Randomized Trial of Tai Chi for Fibromyalgia. *New England Journal of Medicine*, 363:743-754, 2010. [PMID: 20818876]
- 147. Stevens LA, **Schmid CH**, Greene T, Zhang Y, Beck GJ, Froissart M, Hamm LL, Lewis JB, Mauer M, Navis GJ, Steffes MW, Eggers PE, Coresh J and Levey AS. Comparative Performance of the CKD Epidemiology Collaboration (CKD-EPI) and the Modification of Diet in Renal Disease (MDRD) Study Equations for Estimating GFR Levels Above 60 mL/min/1.73 m². *American Journal of Kidney Diseases* 56: 486-495, 2010. [PMID: 20557989]
- 148. Zucker DR, Ruthazer R and **Schmid CH**. Individual (N-of-1) trials can be combined to give population comparative treatment effect estimates: methodologic considerations. *Journal of Clinical Epidemiology* 63: 1312-1323, 2010. [PMID: 20863658]
- 149. Askling J, Fahrbach K, Nordstrom B, Ross S, **Schmid CH** and Symmons D. Cancer risk with tumor necrosis factor (TNF) inhibitors: meta-analysis of randomized controlled trials of adalimumab, etanercept and infliximab using patient level data. *Pharmacoepidemiology and Drug Safety* 20:119-130, 2011. [PMID: 21254282]
- 150. Kitsios GD, Dahabreh IJ, Trikalinos TA, **Schmid CH**, Huggins GS and Kent D. Heterogeneity of the phenotypic definition of coronary artery disease and its impact on genetic association studies. *Circulation: Cardiovascular Genetics* 4:58-67, 2011. [PMID: 21149552]
- 151. Tangri N, Stevens LA, **Schmid CH**, Zhang Y, Beck GJ, Greene T, Coresh J and Levey AS. Changes in dietary protein intake has no effect on serum cystatin C levels independent of the glomerular filtration rate. *Kidney International* 79:471-477, 2011. [PMID: 20980977]
- 152. Stevens LA, Claybon MA, **Schmid CH**, Chen J, Horio M, Imai E, Nelson RG, van Deventer, Wang HY, Zuo L, Zhang Y and Levey AS. Evaluation of the Chronic Kidney Disease Epidemiology Collaboration equation for estimating the glomerular filtration rate in multiple ethnicities. *Kidney International* 79: 555-562, 2011. [PMID: 21107446]
- 153. Bannuru RR, Natov NS, Dasi UR, **Schmid CH** and McAlindon TE. Therapeutic Trajectory Following Intra-Articular Hyaluronic acid Injection in Knee Osteoarthritis Meta-analysis. *Osteoarthritis and Cartilage* 19:611-9, 2011. [PMID: 21443958]
- 154. Gordon CE, Uhlig K, **Schmid CH**, Levey AS and Wong JB. Long-term Viral Negativity After Interferon for Chronic Hepatitis C Virus Infection in Hemodialysis: a Systematic Review and Meta-analysis. *Clinical Journal of the American Society of Nephrology* 5: 2226-34, 2011. [PMID: 21784816]
- 155. Deo A, **Schmid CH**, Earley A, Lau J and Uhlig K. Loss to Analysis in Randomized Controlled Trials in Chronic Kidney Disease. *American Journal of Kidney Diseases* 58: 349-55, 2011. [PMID: 21778004]

- 156. Li T, Puhan MA, Vedula SS, Singh S, Dickersin K and the Ad Hoc Network Meta-analysis Methods Meeting Working Group. Network meta-analysis highly attractive but more methodological research is needed. *BMC Medicine* 9:79, 2011. [PMID: 21707969]
- 157. Sterne JAC, Sutton AJ, Ioannidis JPA, Terrin N, Jones DR, Lau J, Carpenter J, Rucker G, Harbord RM, Schmid CH, Tetzlaff J, Deeks J, Peters J, Macaskill P, Schwarzer G, Duval S, Altman DG, Moher D, and Higgins JP. Recommendations for examining and interpreting funnel plot asymmetry in meta-analyses of randomised controlled trials, *British Medical Journal* 343: d4002., 2011.[PMID: 21784880]
- 158. Jansen JP, **Schmid CH** and Salanti G. Directed acyclic graphs can help understand bias in indirect and mixed treatment comparisons. *Journal of Clinical Epidemiology* 65:798–807, 2012. [PMID: 22521579]
- 159. Wallace BC, Dahabreh IJ, Trikalinos TA, Lau J, Trow P and **Schmid CH**. Closing the Gap Between Methodologists and End-Users: R as a Computational Back-end. *Journal of Statistical Software* 49: 5, 2012, online at http://www.jstatsoft.org/.
- 160. Inker LA, **Schmid CH**, Tighiouart H, Eckfeldt JH, Feldman HI, Greene T, Kusek JW, Manzi J, Van Lente F, Zhang Y, Coresh J and Levey AS. Estimating Glomerular Filtration Rate from Creatinine and Cystatin C. *New England Journal of Medicine* 367:20-29, 2012.
- 161. Wallace BC, Small K, Brodley CE, Lau J, **Schmid CH**, Bertram L, Lill CM, Cohen JT and Trikalinos TA. Towards modifying the systematic review pipeline in genetics: efficient updating via data mining. *Genetics in Medicine* 2012, in press.
- 162. Padala S, Tighiouart H, Inker L, Contreras G, Beck GJ, Lewis J, Steffes M, Rodby RA, **Schmid CH** and Levey AS. Accuracy of a Glomerular Filtration Rate Estimating Equation over Time in People with a Wide Range of Kidney Function. *American Journal of Kidney Diseases* 2012, in press.
- 163. Zintzaras E, Doxani C, Mprotsis T, **Schmid CH** and Hadjigeorgiou GM. Network analysis of randomized controlled trials in multiple sclerosis. *Clinical Therapeutics* 2012, in press.
- 164. Inker LA, Wyatt C, Creamer R, Hellinger J, Hotta M, Leppo M, Levey AS, Okparavero A, Graham H, Savage K, **Schmid CH**, Tighiouart H, Wallach F and Krishnasami Z. Performance of Creatinine and Cystatin C GFR Estimating Equations in an HIV-positive population on Antiretrovirals. JAIDS, in press.

Published Proceedings

- 1. **Schmid CH**. A State-Space Model for Longitudinal Regression. *Proceedings of the 26th Symposium on the Interface*. Interface Foundation of North America, 125-129, 1994.
- 2. **Schmid CH**, Cappelleri JC and Lau J. Bayesian Methods to Improve Sample Size Approximations. *Proceedings of the Section on Bayesian Statistics*, American Statistical Association, 89-94, 1995.
- 3. **Schmid CH** and Brown EN. A Hierarchical Bayes Model for Human Growth. *Proceedings of the Section on Bayesian Statistics,* American Statistical Association, 146-151, 1996.
- 4. **Schmid CH**, Griffith JL, Terrin N and D'Agostino RB Sr. Synthesizing the Treatment of Missing Data in Logistic Regression, Classification Trees and Neural Networks. *Proceedings of the Biometrics Section*, American Statistical Association, 265-269, 1997.
- 5. Terrin N, Griffith JL, **Schmid CH** and D'Agostino RB Sr. The Impact of Outliers and Distortions on the Predictive Performance of Logistic Regression, Classification Trees and Neural Networks. *Proceedings of the Biometrics Section*, American Statistical Association, 270-275, 1997.
- 6. Griffith JL, **Schmid CH**, Terrin N and D'Agostino RB Sr. Impact of Sample Size and Outcome Prevalence on the Predictive Performance of Logistic Regression, Classification Trees and Neural Networks. *Proceedings of the Biometrics Section*, American Statistical Association, 259-264, 1997.
- 7. D'Agostino RB Sr., Griffith JL, **Schmid CH** and Terrin N. Measures for Evaluating Model Performance. *Proceedings of the Biometrics Section*, American Statistical Association, 253-258, 1997.

- 8. **Schmid CH**. Regression Models for Longitudinal Data with Missing Covariate Values. *Proceedings of the Section on Statistics in Epidemiology*, American Statistical Association, 25-34, 1999.
- 9. **Schmid CH**, Brown EN and Ogren JM. Modeling Daily Growth in children. *ASA Proceedings of the Joint Statistical Meetings*, 3698-3705, 2003.
- 10. Stark PC, Levey AS and **Schmid CH**. Predictors of Change in Glomerular Filtration Rate Among Nondiabetic Patients with Chronic Kidney Disease. *ASA Proceedings of the Joint Statistical Meetings*, 2003, 4047-4049.
- 11. Nguyen DP, **Schmid CH**, Klerman EB, Adler G and Brown EN. Stochastic Deconvolution of Neuroendocrine Hormone Rhythms. *ASA Proceedings of the Joint Statistical Meetings*, 2003, 3025-3032.

Working Papers

- Shen Y-C, Eggleston K, Lau J and Schmid C. Hospital Ownership and Financial Performance: A
 Qunatitative Research Review. National Bureau of Economic Research Working Paper Series 11662,
 http://www.nber.org/papers/w11662, 2005.
- 2. Eggleston K, Shen Y-C, Lau J, **Schmid CH** and Chan J. Hospital Ownership and Quality of Care: What Explains the Different Results? National Bureau of Economic Research Working Paper 12241, http://www.nber.org/papers/w12241,2006.

Book Chapters/Reviews

- 1. **Schmid CH**. Value Splitting: Taking the Data Apart in *Fundamentals of Exploratory Analysis of Variance*, ed. DC Hoaglin, F Mosteller and JW Tukey. NY: John Wiley and Sons, 1991, 72-113.
- 2. DeGroot AS, McGowen K, Schieb RG, **Schmid CH**, Lieberman J and Wyler DJ. T Cell Responses to Mycobacterium tuberculosis Antigens in the HIV-Infected Host in *Vaccines 93*. Cold Spring Harbor, NY: Cold Spring Harbor Press, 1993, 251-257.
- Brown EN and Schmid CH. Application of the Kalman Filter to Computational Problems in Statistics in Methods in Enzymology Volume 240: Numerical Computer Methods Part B, ed. ML Johnson and L Brand. NY: Academic Press, 1994, 171-181.
- 4. **Schmid CH**. Nuisance Parameters in *Encyclopedia of Biostatistics*. NY: John Wiley and Sons, 1998, 3079-3080.
- 5. **Schmid CH** and Griffith JL. Multivariate Classification Rules: Calibration and Discrimination in *Encyclopedia of Biostatistics*. NY: John Wiley and Sons, 1998, 2844-2850.
- 6. Ioannidis JPA, **Schmid CH** and Lau J. Meta-Analysis Approaches for Epidemiologic Research on Asbestos. In: *Current Asbestos Issues: Volume 18 of the Sourcebook for Asbestos Diseases*, ed. GA Peters and BJ Peters. Charlottsville, VA: Lexis Law Publishing, 1998, 93-116.
- 7. **Schmid CH** and Brown EN. A Probability Model for Saltatory Growth in *Saltation and Stasis in Human Growth and Development: Evidence, Methods and Theory*, ed. M Lampl. London: Smith-Gordon, 1999, 121-131.
- 8. **Schmid CH** and Brown EN. Bayesian Hierarchical Models in *Methods in Enzymology Volume 321: Numerical Computer Methods Part C*, ed. ML Johnson and L Brand. NY: Academic Press, 2000, 305-330.
- 9. Ioannidis JPA, **Schmid CH** and Lau J. Meta-analysis in Hematology and Oncology in *Hematology/Oncology Clinics of North America: Understanding Clinical Trials*, ed. CJ Allegra and BS Kramer. Philadelphia: WB Saunders, 2000, 973-991.

- 10. **Schmid CH**, Cappelleri JC and Lau J. Bayesian methods to improve sample size approximations in *Methods in Enzymology Volume 383: Numerical Computer Methods Part D*, ed. ML Johnson and L Brand. NY: Elsevier, 2004, 406-427.
- 11. Shearman AM, Cupples LA, Demissie S, Peter I, **Schmid CH**, Karas RH, Mendelsohn ME, Housman DE, Levy D. Association Between Estrogen Receptor alpha Gene Variation and Cardiovascular Disease. *Obstetrical and Gynecological Survey* 59: 444-445, 2004.
- 12. Mengersen K, **Schmid C**, Jennions M and Gurevitch J. Statistical models and approaches to inference for meta-analysis in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.
- 13. Mengersen K and **Schmid C**. Maximum likelihood approaches to meta-analysis in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.
- 14. **Schmid C** and Mengersen K. Bayesian meta-analyses in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.
- 15. **Schmid C**, Stewart G, Rothstein H and Gurevitch J. Software for meta-analysis in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.
- 16. Mengersen K, Jennions M and **Schmid C**. Statistical models for the meta-analysis of non-independent data in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.
- 17. Mengersen K, Gurevitch J and **Schmid C**. Meta-analysis of primary data in *Meta-Analysis in Ecology*, eds. J Koricheva, J Gurevitch and K Mengersen. Princeton, NJ: Princeton University Press, in press.

Cochrane Collaboration Reviews

- 1. Norris S, Zhang X, Avenell A, Gregg E, **Schmid CH**, Lau J. Pharmacotherapy for weight loss in adults with type 2 diabetes mellitus. *Cochrane Database of Systematic Reviews* 2005, Issue 1.
- 2. Norris SL, Zhang X, Avenell A, Gregg E, Brown TJ, **Schmid CH**, Lau J. Long-term non-pharmacologic weight loss interventions for adults with type 2 diabetes. *Cochrane Database of Systematic Reviews* 2005, Issue 2.
- 3. Norris SL, Zhang X, Avenell A, Gregg E, **Schmid CH**, Lau J. Long-term non-pharmacological weight loss interventions for adults with prediabetes. *Cochrane Database of Systematic Reviews* 2005, Issue 2.

Editorials

- 1. Levey AS, **Schmid CH** and Lau J. Antilymphocyte antibodies, renal transplantation, and meta-analysis. *Annals of Internal Medicine* 128: 863-865, 1998.
- 2. Uhlig K, Menon V and **Schmid CH**. Recommendations for Reporting of Clinical Research Studies. *American Journal of Kidney Diseases* 49: 3-8, 2007.
- 3. Lipsey MW and Schmid CH. From the editors. Research Synthesis Methods 1:1, 2010.
- 4. Zucker DR, Deo A and **Schmid CH**. Dialysis Research and N-of-1 Trials: Made for Each Other? *American Journal of Kidney Diseases* 55: 635-638, 2010. [PMID: 20144495]

Dissertation

Schmid CH. Measurement Error Models for Logistic and Longitudinal Regression. PhD Dissertation. Harvard University, Dept of Statistics. Ann Arbor: University Microfilms, 1991.

Manuals

- 1. **Schmid CH**. Selected Solutions for an Introduction to Statistical Methods and Data Analysis. Boston: PWS-Kent, 1988.
- 2. Schmid CH. Introduction to Design of Experiments. Cambridge, MA: BBN Software Products, 1991.
- 3. Schmid CH. Design of Experiments Using RS/Discover. Cambridge, MA: BBN Software Products, 1991.
- 4. Schmid CH. Advanced Topics in Experimental Design. Cambridge, MA: BBN Software Products, 1991.
- 5. Schmid CH. Regression Analysis Using RS/Explore. Cambridge, MA: BBN Software Products, 1991.

Letters

- 1. Cappelleri JC, Ioannidis JPA, **Schmid CH** and Lau J. Reply to letters about "Large Trials vs Meta-analysis of Smaller Trials." *Journal of the American Medical Association* 277:376-378, 1997.
- 2. Lau J, Ioannidis JPA, **Schmid CH**. Meta-analyses, multivariate analyses, and coping with the play of chance. *Lancet* 351: 1062-1063, 1998.
- 3. Selker HP, **Schmid CH** and Griffith JL. Thrombolytic predictive instrument. *Annals of Internal Medicine* 131: 791-792, 1999.
- 4. Jafar TH, **Schmid CH**, Levey AS. Effect of angiotensin-converting enzyme inhibitors on progression of nondiabetic renal disease. *Annals of Internal Medicine* 137: 298-9, 2002.
- 5. Kourtis AP, Jamieson DJ, **Schmid CH**, Lau J. Author's reply to letter about "Use of antiretroviral therapy in pregnant HIV-infected women and the risk of premature delivery: A meta-analysis." *AIDS*. 21:1657-8, 2007.
- 6. Marques A, Shaw P, **Schmid CH**, Steere A, Kaplan RF, Hassett A, Shapiro G, Wormser GP, F. Comment to A randomized, placebo-controlled trial of repeated IV antibiotic therapy for Lyme encephalopathy prolonged Lyme disease treatment: enough is enough *Neurology*72:383-386, 2009.
- 7. Uhlig K, Earley A, **Schmid CH**. In reply to "Misuse and reporting of renal endpoints in randomized clinical trials." *American Journal of Kidney Diseases* 59: 160-162, 2012.