



AGENDA

MELODEM PROGRESS MEETING

July 17th - July 19th 2018

Palais Abbatial De Royaumont, France

TUESDAY JULY 17th 2018

7.30 PM – 10.00 PM Welcoming dinner

WEDNESDAY JULY 18th 2018

HIGH DIMENSIONAL DATA

DISCUSSANT: MONIQUE BRETILER, DZNE, BONN (GERMANY)

9.30AM–9.45AM

BAYESIAN OUTCOME-DRIVEN MIXTURE MODELLING OF LONGITUDINAL DATA WITH SIDE INFORMATION FOR PRECISION MEDICINE

ANAÏS ROUANET, MRC BIOSTATISTICS UNIT, CAMBRIDGE (UK)

9.45AM–10.00AM

DISCUSSION

10.00AM–10.15AM

APPROACHES OF THE EADB PROJECT TOWARDS GWAS OF COGNITIVE DECLINE IN MCI PATIENTS FROM MULTIPLE COHORTS

LUCA KLEINEIDAM, UNIVERSITY OF BONN (GERMANY)

10.15AM–10.30AM

DISCUSSION

10.30AM – 10.45AM

CAN HOSPITALIZATION DATA INFORM ON DETERMINANTS OF DEMENTIA?

MICHAEL SCHWARZINGER, THEN, INSERM, PARIS (FRANCE)

10.45AM–11.00AM

DISCUSSION

11.00AM – 11.30AM COFFEE BREAK

METHODS FOR MODELING COGNITIVE CHANGE

DISCUSSANT: CÉCILE PROUST-LIMA, UNIVERSITY OF BORDEAUX, INSERM, BORDEAUX (FRANCE)

11.30AM–11.45AM

MODELING LANGUAGE IN ADNI: INTEGRATING COUNT OUTCOME FORMATS IN LATENT TRAIT MODELING

PAUL CRANE, UNIVERSITY OF WASHINGTON, SEATTLE (USA)

11.45AM–12.00PM

Discussion

12.00PM–12.15PM

CROSS-NATIONAL HARMONIZATION AND CO-CALIBRATION OF COGNITIVE FUNCTION MEASURES: THE HEALTH AND RETIREMENT STUDY AND INTERNATIONAL SISTER STUDIES.

ALDEN GROSS, JOHN HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH, BALTIMORE (USA)

12.15PM–12.30PM

Discussion

12.30PM–12.45PM

JOINT MODELS FOR IDENTIFYING DETERMINANTS OF COGNITIVE DECLINE IN THE PRESENCE OF SURVIVAL BIAS

KENDRA DAVIS, BOSTON UNIVERSITY, BOSTON (USA)

12.45PM–1.00PM

Discussion

1.00PM – 2.30PM LUNCH



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METHODS FOR HANDLING RACIAL DISPARITIES

DISCUSSANT: LISA BERKMAN, HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON (USA)

2.30PM–2.45PM

COGNITIVE AGING IN BLACK AND WHITE AMERICANS: COGNITION, COGNITIVE DECLINE, AND INCIDENCE OF ALZHEIMER DISEASE DEMENTIA

JENNIFER WEUVE, BOSTON UNIVERSITY, BOSTON (USA)

2.45PM–3.00PM

Discussion

3.00PM–3.15PM

DOES SELECTION MATTER FOR RESEARCH ON RACIAL/ETHNIC INEQUALITIES?

ELIZABETH ROSE MAYEDA, UCLA, LOS ANGELES (USA)

3.15PM–3.30PM

Discussion

3.30PM–3.45PM

GENDER DIFFERENCES IN COGNITIVE DECLINE AS MODERATED BY RACE/ETHNICITY.

JENNIFER MANLY, COLUMBIA UNIVERSITY, NEW-YORK (USA)

3.45PM–4.00PM

Discussion

4.00PM – 4.30PM

COFFEE BREAK

PREDICTION MODELS

DISCUSSANT: HÉLÈNE JACQMIN-GADDA, UNIVERSITY OF BORDEAUX, INSERM, BORDEAUX (FRANCE)

4.30PM–4.45PM

BLOOD BIOMARKERS FOR RISK STRATIFICATION FOR AD AND VCID

SUDHA SESHADRI, UNIVERSITY OF TEXAS, SAN ANTONIO (USA)

4.45PM–5.00PM

Discussion

5.00PM–5.15PM

PREDICTION MODELS OF COGNITIVE DECLINE IN PATIENTS WITH MILD COGNITIVE IMPAIRMENT

CLARISSE LONGOS DOS SANTOS, QYNAPSE, PARIS (FRANCE)

5.15PM–5.30PM

Discussion

AD CRITERIA

DISCUSSANT: LENORE LAUNER, NIA, BETHESDA (USA)

5.30PM–6.00PM

ARE WE READY FOR A BIOMARKER-ONLY BASED DIAGNOSTIC CRITERION FOR RESEARCH IN ALZHEIMER'S DISEASE?

MARIA GLYMOUR, UCSF, SAN FRANCISCO (USA)

6.00PM–7.00PM

Discussion and effort to agree on evaluation criteria

8.00PM – 10.00PM

DINNER



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THURSDAY JULY 19th 2018

SELECTION

DISCUSSANT: GENEVIÈVE CHÊNE, UNIVERSITY OF BORDEAUX, ISPED, INSERM, BORDEAUX, FRANCE

9.30AM-9.45AM	COGNITIVE RESERVE AND MORTALITY <i>MARIA GLYMOUR, UCSF, SAN FRANCISCO (UCSF)</i>
9.45AM-10.00AM	Discussion
10.00AM-10.15AM	HEALTH BEHAVIOURS, COGNITIVE DECLINE AND DEMENTIA: RESULTS FROM THE WHITEHALL II STUDY <i>SEVERINE SABIA, INSERM, PARIS (FRANCE)</i>
10.15AM-10.30AM	Discussion
10.30AM-10.45AM	DIET SCORE AND RISK OF STROKE AND DEMENTIA IN THE 3C STUDY <i>SUZANNE JUDD, UNIVERSITY OF ALABAMA SCHOOL OF PUBLIC HEALTH, BIRMINGHAM (USA)</i>
10.45AM-11.00AM	Discussion

11.00AM-11.30AM COFFEE BREAK

GENDER DIFFERENCES IN COGNITIVE DECLINE AND DEMENTIA

DISCUSSANT: ALEXA BEISER, BOSTON UNIVERSITY

11.30AM-12.00PM	SUMMARY OF PROGRESS <i>DATA WORKSHOP PARTICIPANTS</i>
12.00PM-12.30PM	Discussion & perspectives

12.30PM - 2.00PM LUNCH



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TIME VARYING EXPOSURES

DISCUSSANT: CAROLE DUFOUIL, INSERM U1219, ISPED, BORDEAUX UNIVERSITY (FRANCE)

2.00PM–2.15PM

PHYSICAL INACTIVITY AS A SHORT- AND LONG-TERM RISK FACTOR FOR ALL-CAUSE DEMENTIA: A MULTI-COHORT STUDY

MIKA KIVIMAKI, UNIVERSITY COLLEGE OF LONDON, LONDON (UK)

2.15PM–2.30PM

Discussion

2.30PM–2.45PM

CONCURRENT TRAJECTORIES OF CARDIOMETABOLIC RISK FACTORS IN THE 14 YEARS BEFORE DEMENTIA

CÉCILE PROUST-LIMA, UNIVERSITY OF BORDEAUX, INSERM, BORDEAUX (FRANCE)

2.45PM–3.00PM

Discussion

3.00PM–3.15PM

ANALYSIS OF TIME VARYING PREDICTORS OF COGNITIVE TRAJECTORIES

CHARLES DE CARLI, UC DAVIS (USA)

3.15PM–3.30PM

Discussion

3.30PM–4.00PM

CLOSING SESSION

DISCUSSANTS: Carole Dufouil and Maria Glymour