‘미래 영향 환경변수 및 시나리오 도출 연구’ 기술자문 결과

2018년 10월

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NATIONAL ASSEMBLY FUTURES INSTITUTE

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데이터 수집 및 1차 분석

데이터 수집 및 1차 분석

- 데이터셋 확보 및 최종 분석데이터 확정

1) 1차 검색
  - KISTI가 보유한 SCOPUS DB 대상
  - 검색식: TS=(("futures" OR "foresight*") OR ("future*" AND "prediction*")) PY=(2008-2017)
  - 검색결과: 68,642건

2) 관련성 없는 데이터 제거
  - 6명의 미래연구원 소속 연구원이 68,642건에 대해 논문 제목 및 요약 확인 과정을 거쳐 미래연구와 관련 없는 12,483건 데이터 제외
  - 분석대상: 56,159건

- 키워드 선택 범위 설정

1) 필드별 데이터 커버리지
  - Author Keyword: 74%
  - Index Keyword: 82%

2) 키워드 개수
  - Author Keyword: 101,885개(정제전)
  - Index Keyword: 158,464개(정제전)

3) Author Keyword와 Index Keyword를 하나의 필드로 통합할 경우,
  - 218,694개 키워드(정제전)
  - 커버리지는 99%

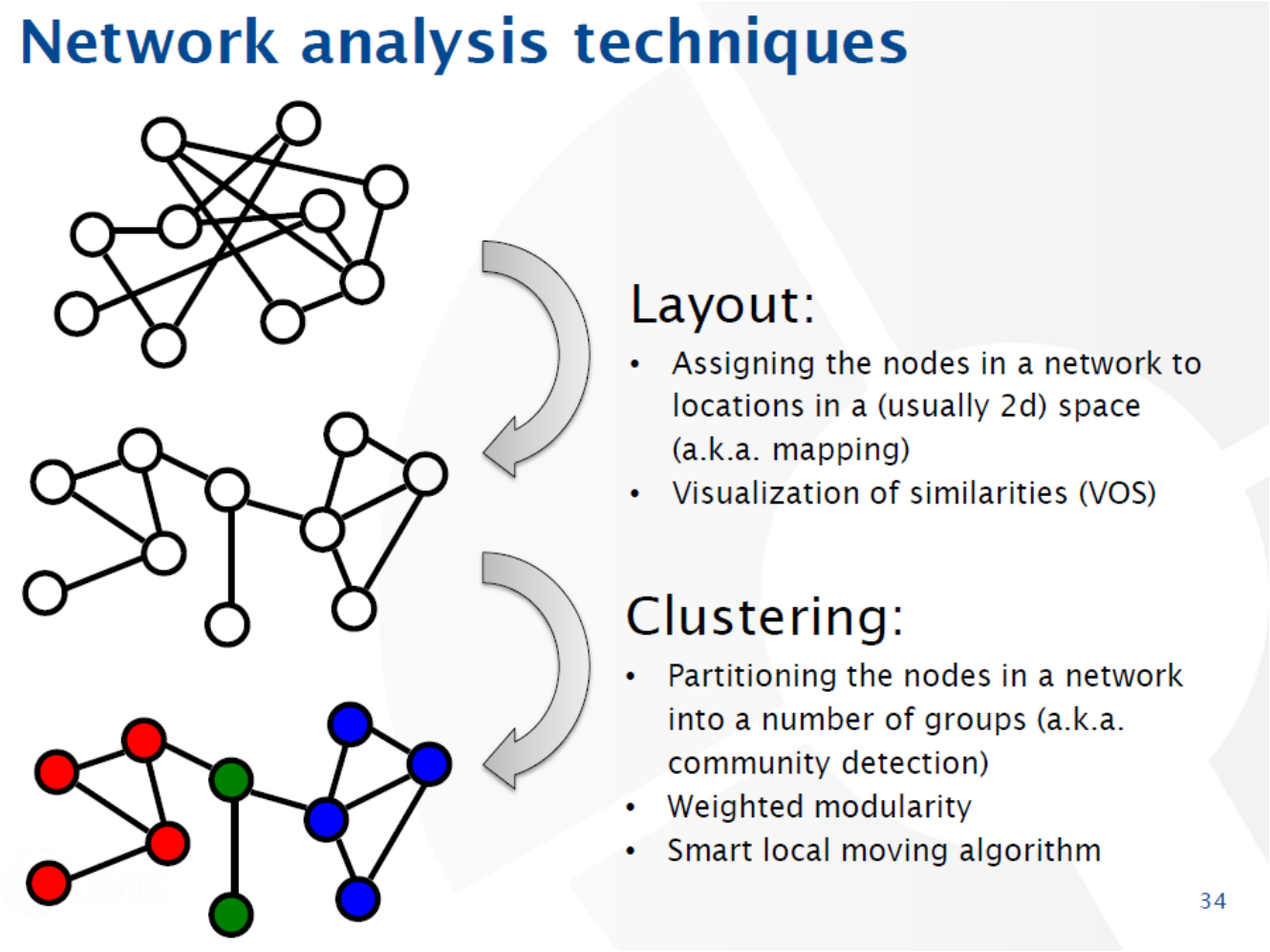
데이터 수집 및 1차 분석

- 일반적으로 단어들 간의 관계를 분석하는 방법은
  1) co-word mapping based on social network analysis,
  2) co-word mapping based on latent semantic analysis,
  3) topic modelling 등이 있음.(Leydesdorff, 2014; Leydesdorff and Nerghes, 2016)
- 문서의 속성, 단어의 추출 방법 등에 따라 어느 방법이 최선인지는 아직 알려지지 않았음.
- 본 자문에서는 가장 직관적인 1) co-word mapping based on social network analysis를 사용
- 즉, 논문과 특허에 등장하는 키워드가 하나의 문서에서 얼마나 동시출현하였는가를 기준으로 동시출현행렬 생성, 동시출현행렬 자료를 기초로 클러스터링 및 맵핑 수행

- 본 연구의 목적은 분석대상인 지식맵을 구성하는 연구주제가 무엇인지 확인(clustering)하고, 연구주제 간의 관계를 시각화(mapping)하는 것임.
- 맵핑 및 클러스터링은 VOSviewer 알고리즘으로 수행
- VOSviewer에서 두 단어 간의 유사도는 두 단어가 한 논문에서 동시출현한 횟수에 따라 비례하고, 두 단어의 다른 단어들과 동시 출현한 빈도의 합에 반비례
- VOSviewer는 맵핑과 클러스터링을 동시에 수행
  - 먼저 2차원 공간에서 개별 단어의 좌표는 모든 두 단어들 간의 거리와 두 단어의 유사도를 가중치로 곱한 합이 최소화되게 설정
  - 즉, VOSviewer 맵핑에서 서로 높은 유사도를 갖는 단어들은 가깝게 위치하고, 유사도가 낮으면 두 단어는 멀리 위치
- VOSviewer에서 클러스터링은 weighted network에서 주로 사용하는 modularity-based clustering의 일종

데이터 수집 및 1차 분석

- VOSviewer의 클러스터링 및 맵핑 과정



* 출처: van Eck & Waltman(2017). Science Mapping and Research Positioning, 2017 BenchTech Seminar, Technical University Munich, Munich, Germany, June 28, 2017.

데이터 수집 및 1차 분석

- VOSviewer의 클러스터링 및 맵핑 과정

Unified approach to mapping and clustering

Minimize $Q(x_1,\ldots,x_n) = \sum_{i<j} \frac{2m}{k_i k_j} A_{ij} d_{ij}^2 - \sum_{i<j} d_{ij}$

where

n: number of nodes in the network

m: total weight of all edges in the network

A_{ij}: weight of edge between nodes i and j

k_i: total weight of all edges of node i

Clustering

x_i: integer denoting the community to which node i belongs

$$d_{ij} = \begin{cases} 0 & \text{if } x_i = x_j \\ 1/\gamma & \text{if } x_i \neq x_j \end{cases}$$

γ: resolution parameter

Mapping

x_i: vector denoting the location of node i in a p-dimensional space

$$d_{ij} = \|x_i - x_j\| = \sqrt{\sum_{k=1}^{p} (x_{ik} - x_{jk})^2}$$

* 출처: van Eck & Waltman(2017). Science Mapping and Research Positioning, 2017 BenchTech Seminar, Technical University Munich, Munich, Germany, June 28, 2017.

데이터 수집 및 1차 분석

▪ 키워드맵의 의미와 전제

- Science maps are symbolic representations of scientific fields or organizations in which the elements of the map are associated with topics or themes. Elements
- Maps are built on the basis of a matrix of similarity measures computed from correlation functions among information items present in different elements (e.g., cooccurrence of the same author in various articles).

▪ 맵핑 분석의 장점

① Maps position units in a (two-dimensional [2D]) network instead of ranking them on a (one-dimensional) list. As in any data visualization technique, maps furthermore facilitate the reading of bibliometric information by nonexperts — with the downside that they also leave room for manipulating the interpretation of data structures.

② Second, maps allow for the representation of diverse and large sets of data in a succinct way.

③ Third, precisely because they make it possible to combine different types of data, maps also enable users to explore *different* views on a given issue. This interpretive flexibility induces reflexive awareness about the phenomenon the user is analysing and about the analytical value (and pitfalls) of these tools. Implicitly, science maps convey a key message: bibliometrics cannot provide definite, "closed" answers to science policy questions, such as "picking the winners." Instead, maps remain more explicitly heuristic tools to explore and potentially open up plural perspectives to inform decisions and evaluations

* 출처: Rafols, Porter and Leydesdorff(2010), Science Overlay Maps: A New Tool for Research Policy and Library Management, Journal of the American Society for Information Science and Technology, Vol. 61, No. 9, pp. 1871-1887.

데이터 수집 및 1차 분석

- VOSviewer를 통한 가시화
- 노드 간의 관계를 보여 주는 일반적인 network 가시화(network view)뿐 아니라 VOSviewer에서는 density 가시화(density view) 기능도 제시
  - 특정 단어의 밀도는 이웃하는 단어의 수와 이웃하는 아이템의 중요성을 반영, 따라서 density view는 전체적인 맵의 구조를 개괄하는데 유용하며 맵에서 어느 영역이 가장 중요한 영역인지 판단할 수 있음.
  - network view에서 통계적 클러스터링 알고리즘에 의한 클러스터의 분포를 확인할 수 있다면, density view에서는 전체 맵에서 중요 영역을 직관적으로 확인할 수 있다는 장점이 있음.
  - 즉, 통계적 클러스터링 알고리즘은 중요하지 않은 단어들도 포함하여 sub topic을 구분하여 보여 준다면, density view에서는 직관적으로 '중요한 단어'들의 집합을 확인가능하다는 장점이 있음

- 관련 참고문헌

van Eck, N. and Waltman, L.(2010), Software survey: VOSviewer, a computer program for bibliometric mapping, Scientometrics, Vol. 84, pp. 523-538.

van Eck, N. J., Waltman, L., Dekker, R. and van den Berg, J.(2010), A Comparison of Two Techniques for Bibliometric Mapping: Multidimensional Scaling and VOS, Journal of the American Society for Information Science and Technology, Vol. 61, No. 12, pp. 2405-2416.

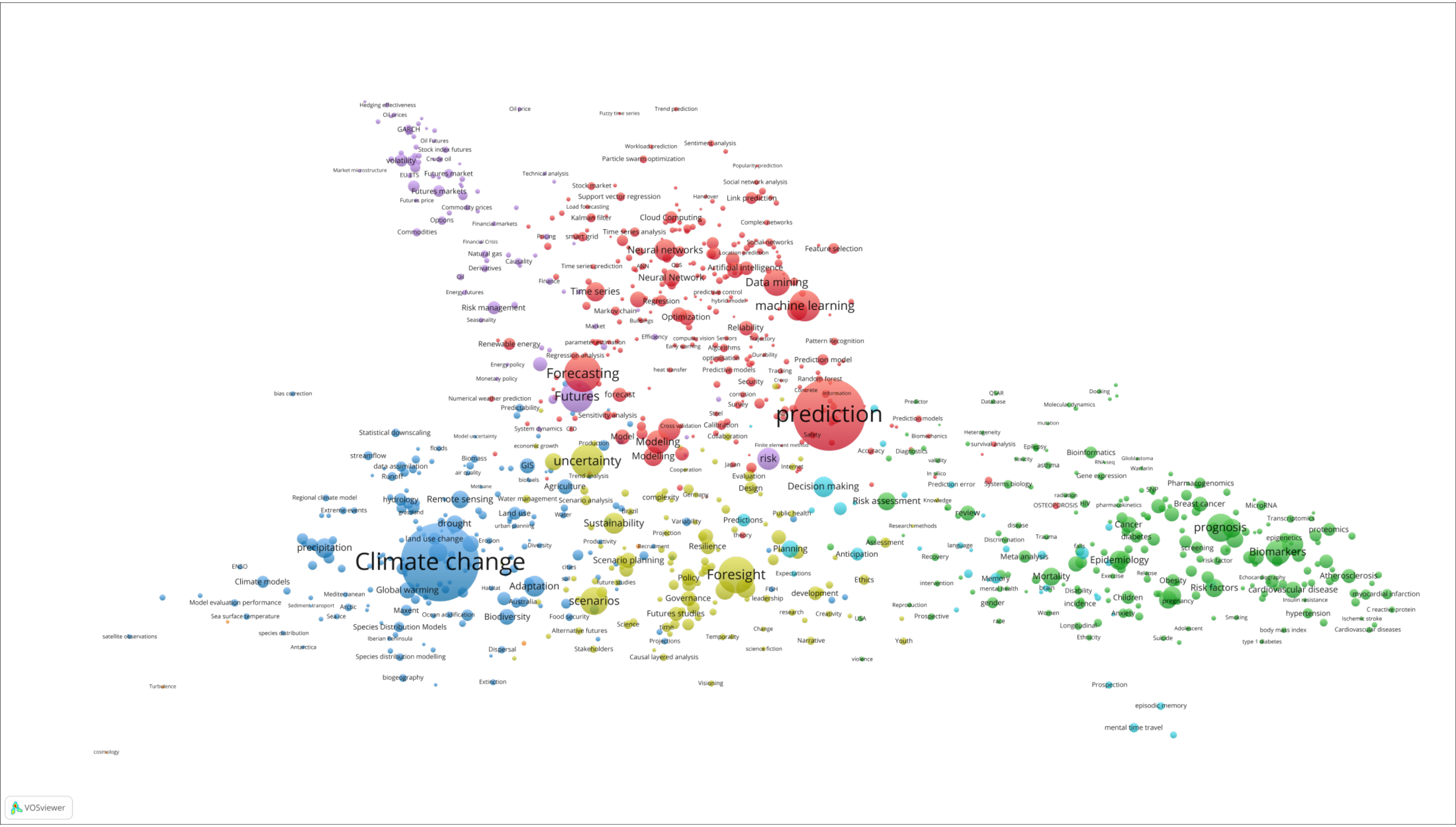
Waltman, L., van Eck, N. J. and Noyons, E. C. M.(2010), A unified approach to mapping and clustering of bibliometric networks, Journal of Informetrics, Vol. 4, pp. 629-635.

Leydesdorff, L.(2014), Science Visualization and Discursive Knowledge, in Cronin, B. and Sugimoto, C. R. (eds.), Beyond Bibliometrics - Harnessing Multidimensional Indicators of Scholarly Impact, MIT Press.

Leydesdorff, L. and Nerghes, A.(2016), Co-word and Topic Modelling - a comparison using small and medium-sized corpora (n<1000), Journal of the Association for Information Science and Technology (JASIST, in press)

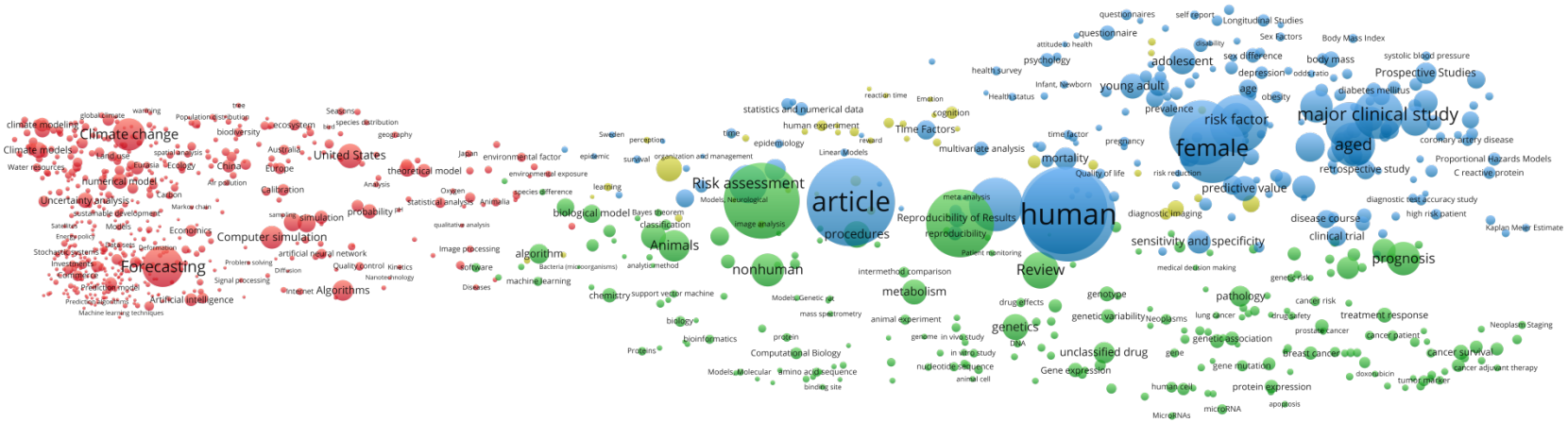
데이터 수집 및 1차 분석

- Author Keyword 기준, 20회 이상 출현 984개 키워드의 클러스터맵



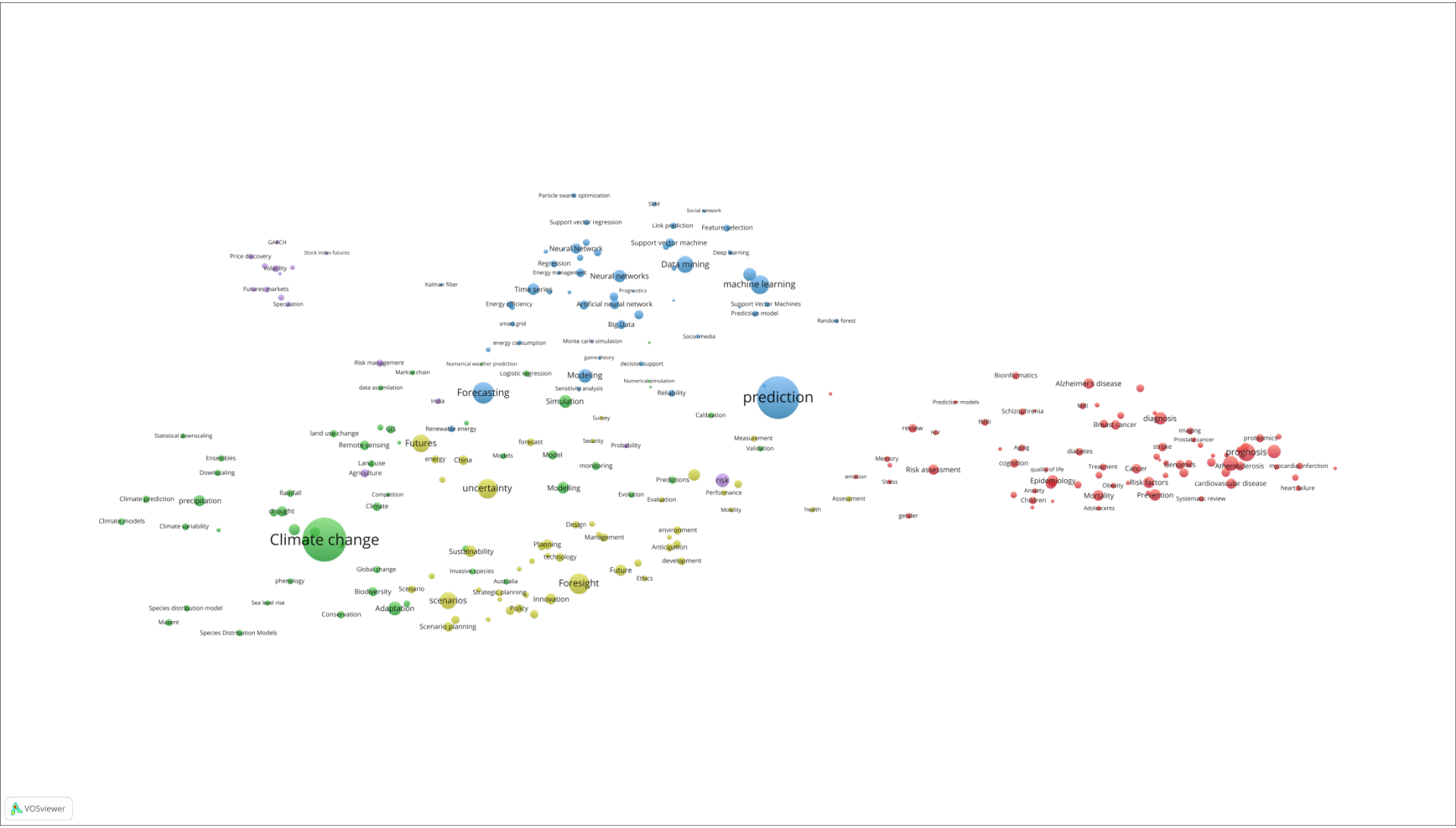
데이터 수집 및 1차 분석

- Index Keyword 기준, 126회 이상 출현 997개 키워드의 클러스터맵


Climate change
Climate models
Forecasting
Uncertainty Analysis
numerical model
Computer simulation
simulation
Algorithms
United States
Europe
China
Australia
theoretical model
probability
Risk assessment
article
procedures
Animals
nonhuman
biological model
algorithm
machine learning
human
Review
Reproducibility of Results
metabolism
genetics
unclassified drug
Gene expression
female
risk factor
major clinical study
aged
young adult
adolescent
mortality
predictive value
sensitivity and specificity
prognosis
treatment response
pathology
Prospective Studies
retrospective study
clinical trial
disease course
Time Factors
multivariate analysis
statistics and numerical data
human experiment
epidemiology
psychology
questionnaire
questionnaires
Longitudinal Studies
Sex Factors
Body Mass Index
sex difference
depression
prevalence
pregnancy
diagnostic imaging
medical decision making
genetic risk
genotype
genetic variability
Neoplasms
genetic association
breast cancer
cancer survival
cancer patient
Neoplasm Staging
protein expression
apoptosis
microRNA
MicroRNAs
human cells
gene mutation
gene
protein
Computational Biology
Proteins
bioinformatics
biology
chemistry
machine learning
Artificial intelligence
Internet
Signal processing
Problem solving
Quality control
Kinetics
Nanotechnology
artificial neural network
Diffusion
Machine learning techniques
Predictive analytics
Predictive models
Investment
Confidence
Stochastic systems
Economics
Models
Markov chain
Sustainable development
Energy policy
Climate modeling
Water resources
Ecology
Air pollution
Carbon
Calibration
Oxygen
Australia
Japan
environmental factor
environmental exposure
species difference
statistical analysis
qualitative analysis
Image processing
software
Diseases
Bacteria (microorganisms)
analytic method
classification
Bayes theorem
learning
Sweden
perception
survival
organization and management
epidemic
time
reward
Linear Models
reaction time
Emotion
cognition
Health Status
Infant, Newborn
Health survey
Quality of life
risk reduction
meta analysis
reproducibility
Patient monitoring
intermethod comparison
drug effects
animal experiment
genome in vivo study
in vitro study
nucleotide sequence
animal cell
DNA
Models, Molecular
amino acid sequence
binding site
mass spectrometry
Models, Genetic
image analysis
Models, Neurological
Statistical analysis
Analysis
Sensitivity
Seasons
species distribution
geography
ecosystem
biodiversity
Populations
distribution
tree
bird
warming
global climate
spatial analysis
Europe
Ecology
Land use
Water resources
Markov chain
Economics
Models
Decision making
Investment
Confidence
Predictive models
Predictive analytics
Machine learning techniques
Problem solving
Signal processing
Internet
Quality control
Kinetics
Nanotechnology
artificial neural network
Diffusion
Bacteria (microorganisms)
machine learning
Diseases
software
Image processing
qualitative analysis
Oxygen
Australia
Japan
environmental factor
environmental exposure
species difference
statistical analysis
Analysis
Sensitivity
Calibration
Air pollution
Carbon
Markov chain
Sustainable development
Satellites
Energy policy
Decision making
Stochastic systems
Investment
Confidence
Predictive models
Predictive analytics
Machine learning techniques
Water resources
Climate modeling
global climate
warming
Populations
distribution
tree
bird
species distribution
geography
ecosystem
biodiversity
Australia
Europe
China
United States
spatial analysis
Ecology
Land use
Eurasia
Air pollution
Carbon
Calibration
Markov chain
Sustainable development
Satellites
Energy policy
Decision making
Stochastic systems
Investment
Confidence
Predictive models
Predictive analytics
Machine learning techniques
Problem solving
Signal processing
Internet
Quality control
Kinetics
Nanotechnology
artificial neural network
Diffusion
Bacteria (microorganisms)
machine learning
Diseases
software
Image processing
qualitative analysis
Oxygen
Australia
Japan
environmental factor
environmental exposure
species difference
statistical analysis
Analysis
Sensitivity

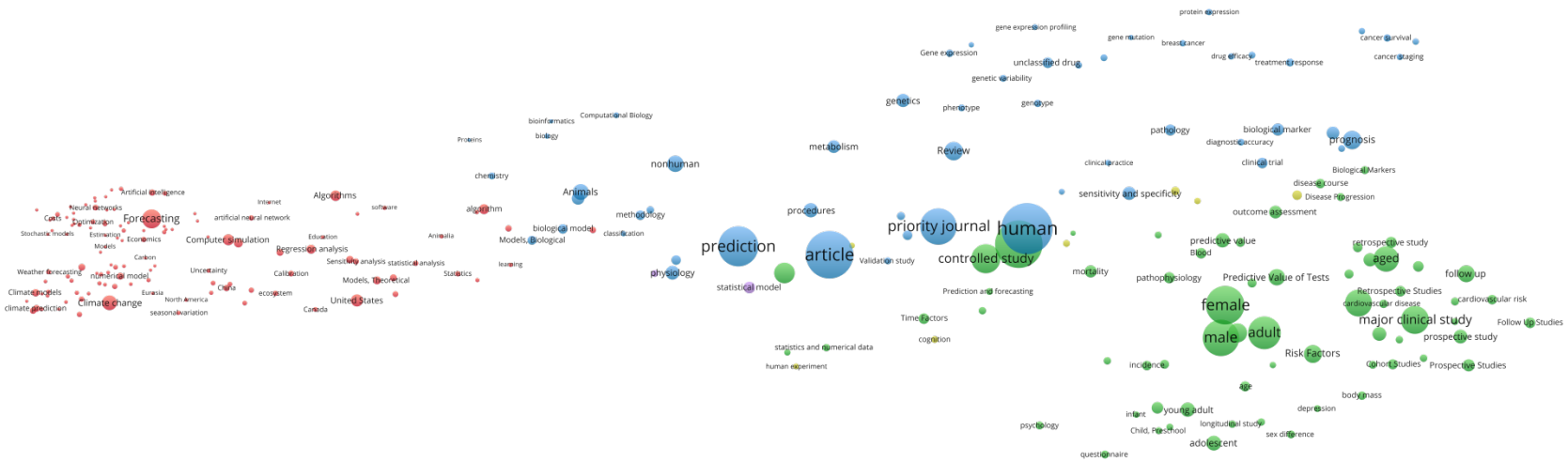
데이터 수집 및 1차 분석

- Author Keyword 기준, 50회 이상 출현 252개 키워드의 클러스터맵



데이터 수집 및 1차 분석

- Index Keyword 기준, 339회 이상 출현 250개 키워드의 클러스터맵

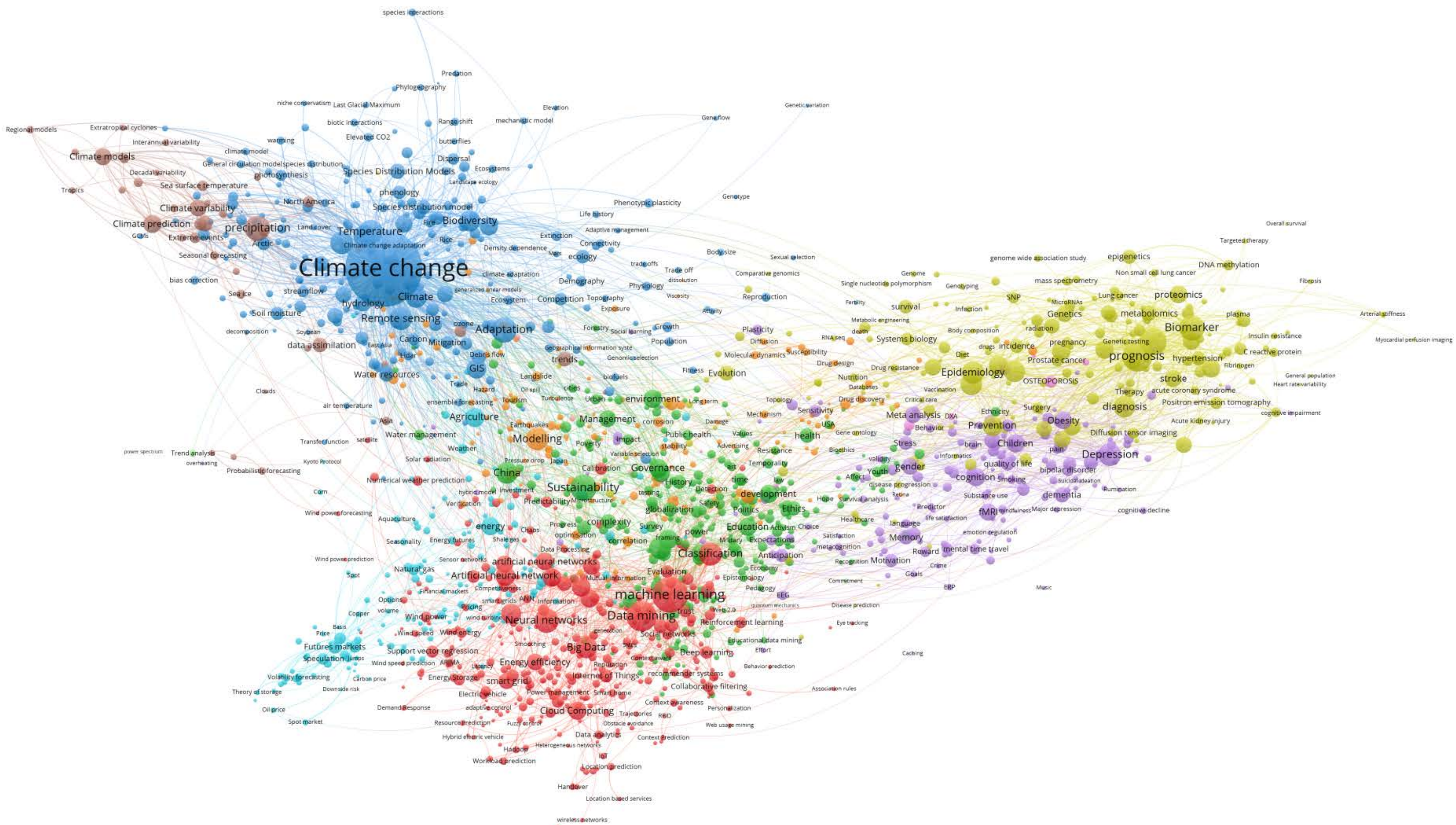


VOSviewer

저자 및 인덱스 키워드 분석 (2차 분석)

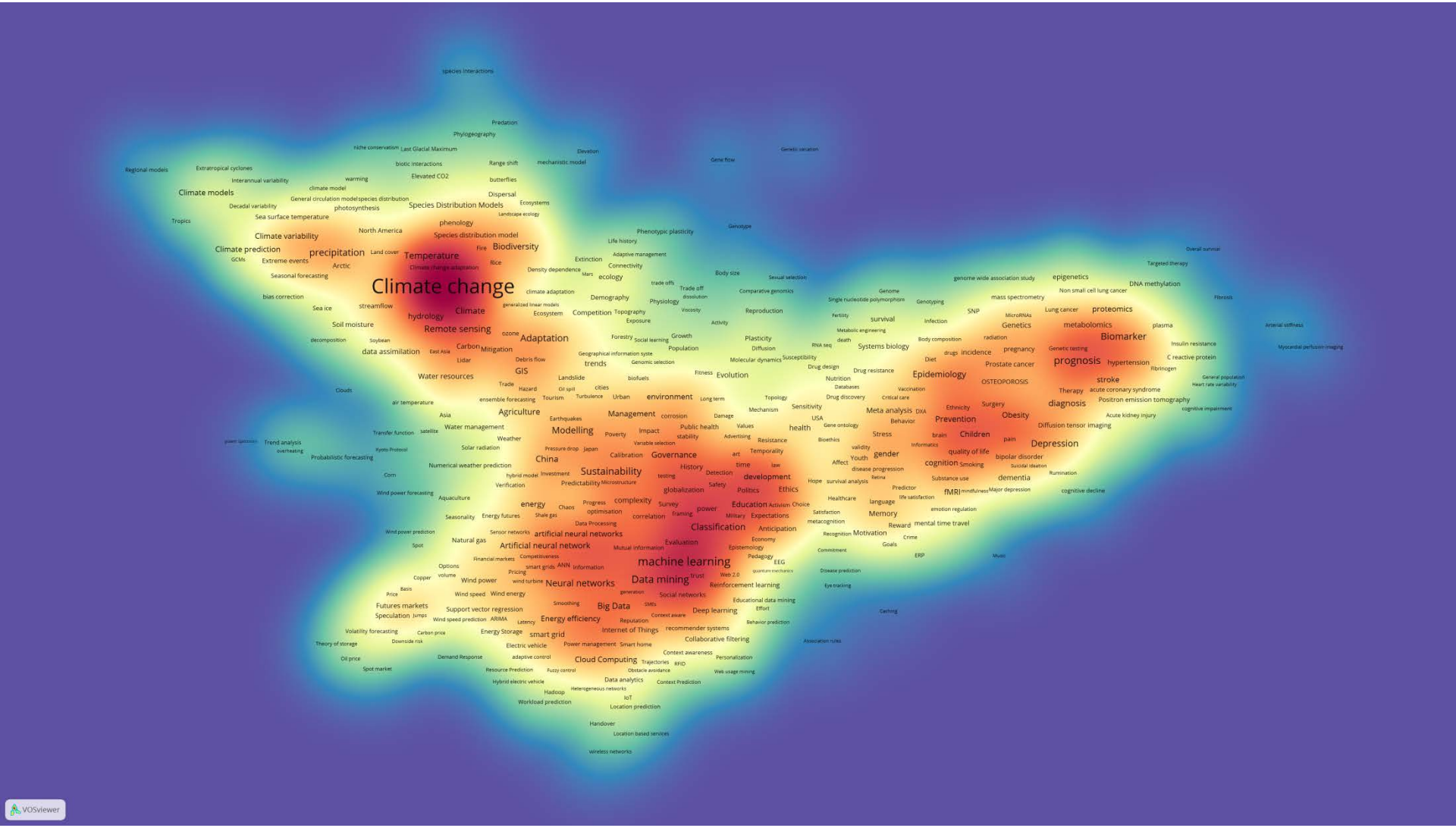
저자 및 인덱스 키워드 분석 (2차 분석)

- 저자키워드: 네트워크맵



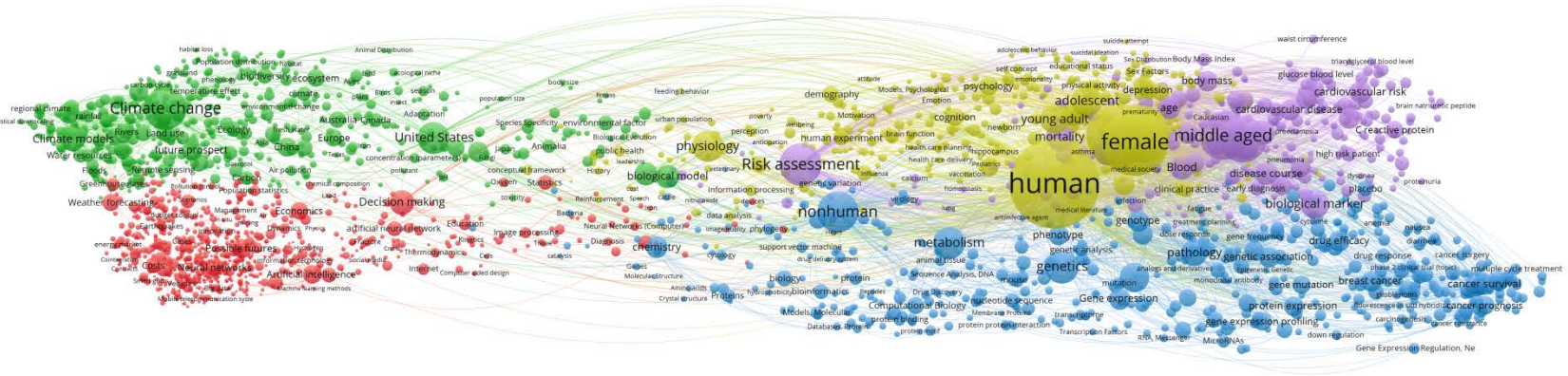
저자 및 인덱스 키워드 분석 (2차 분석)

- 저자키워드: 밀도맵



저자 및 인덱스 키워드 분석 (2차 분석)

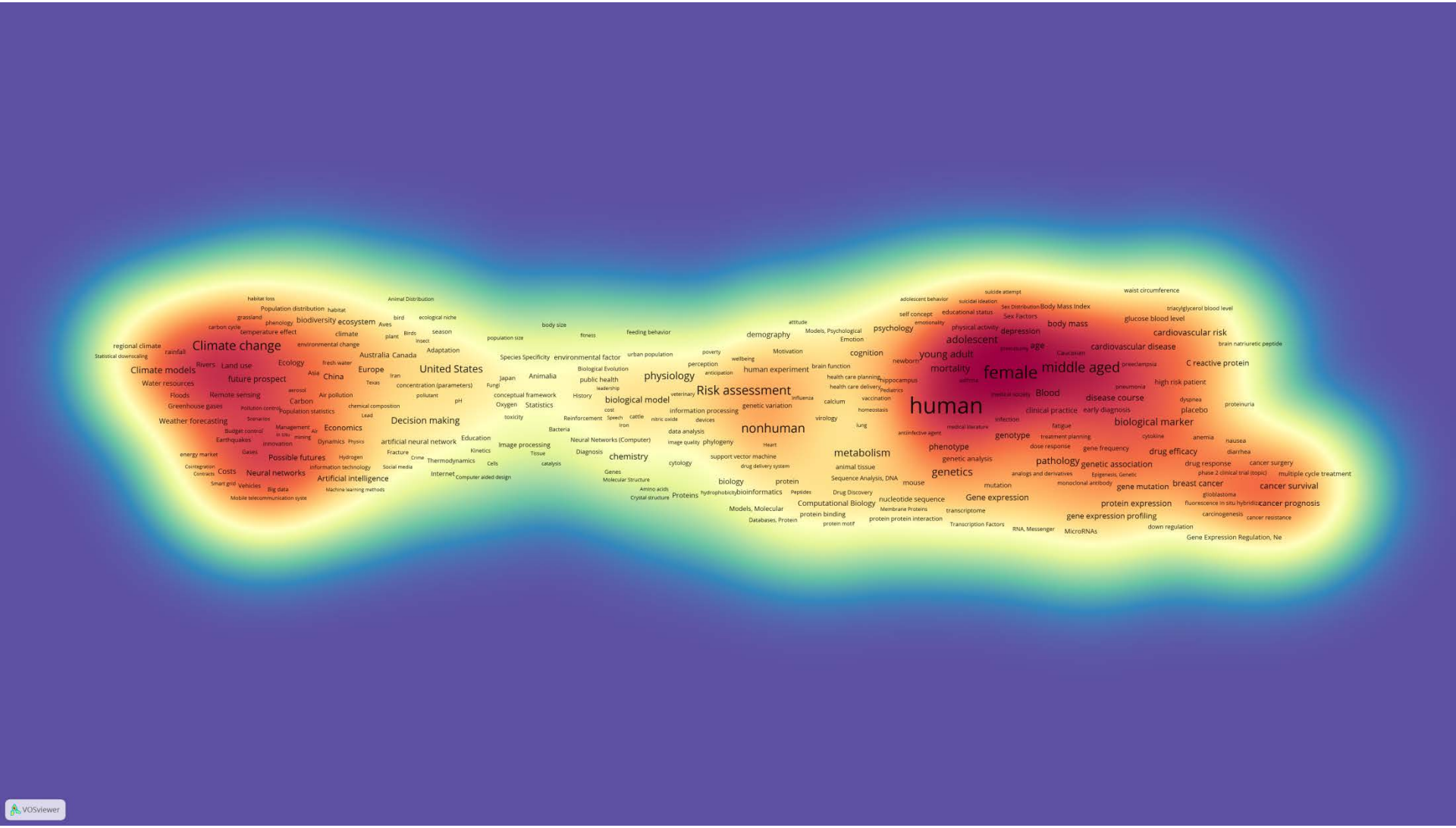
- 인덱스키워드: 네트워크맵



VOSviewer

저자 및 인덱스 키워드 분석 (2차 분석)

- 인덱스키워드: 밀도맵



Overlay Mapping 분석 (3차 분석)

Overlay Mapping 분석 (3차 분석)

▪ Overlay Mapping의 장점

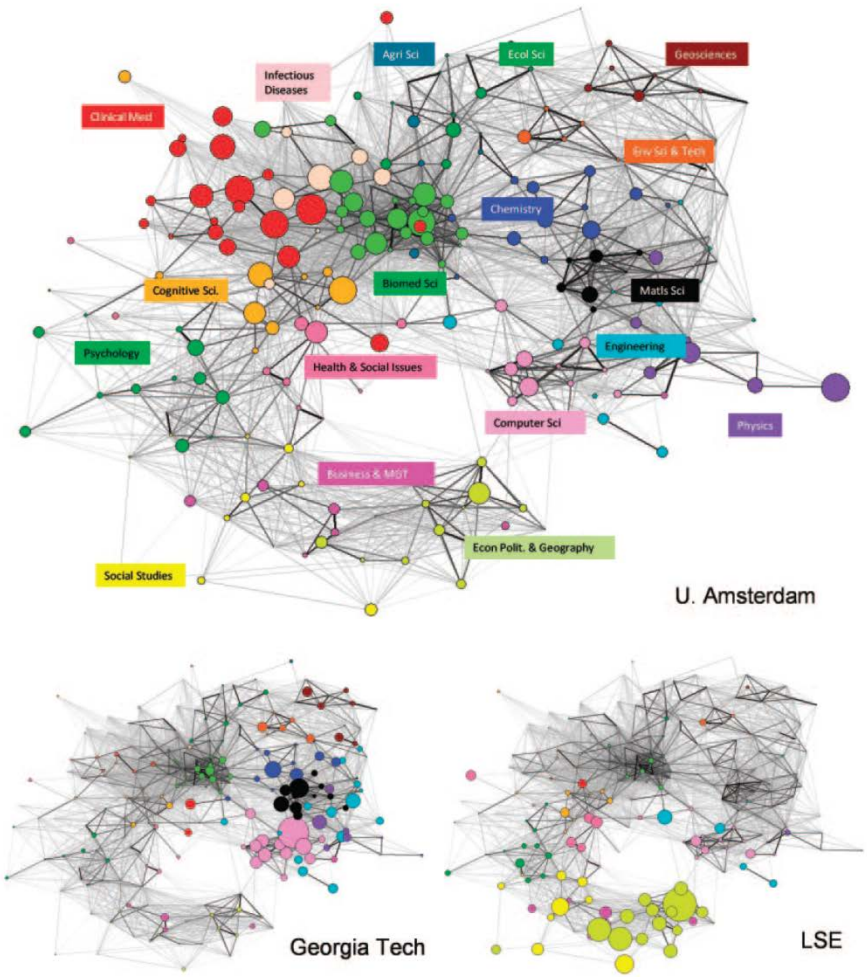


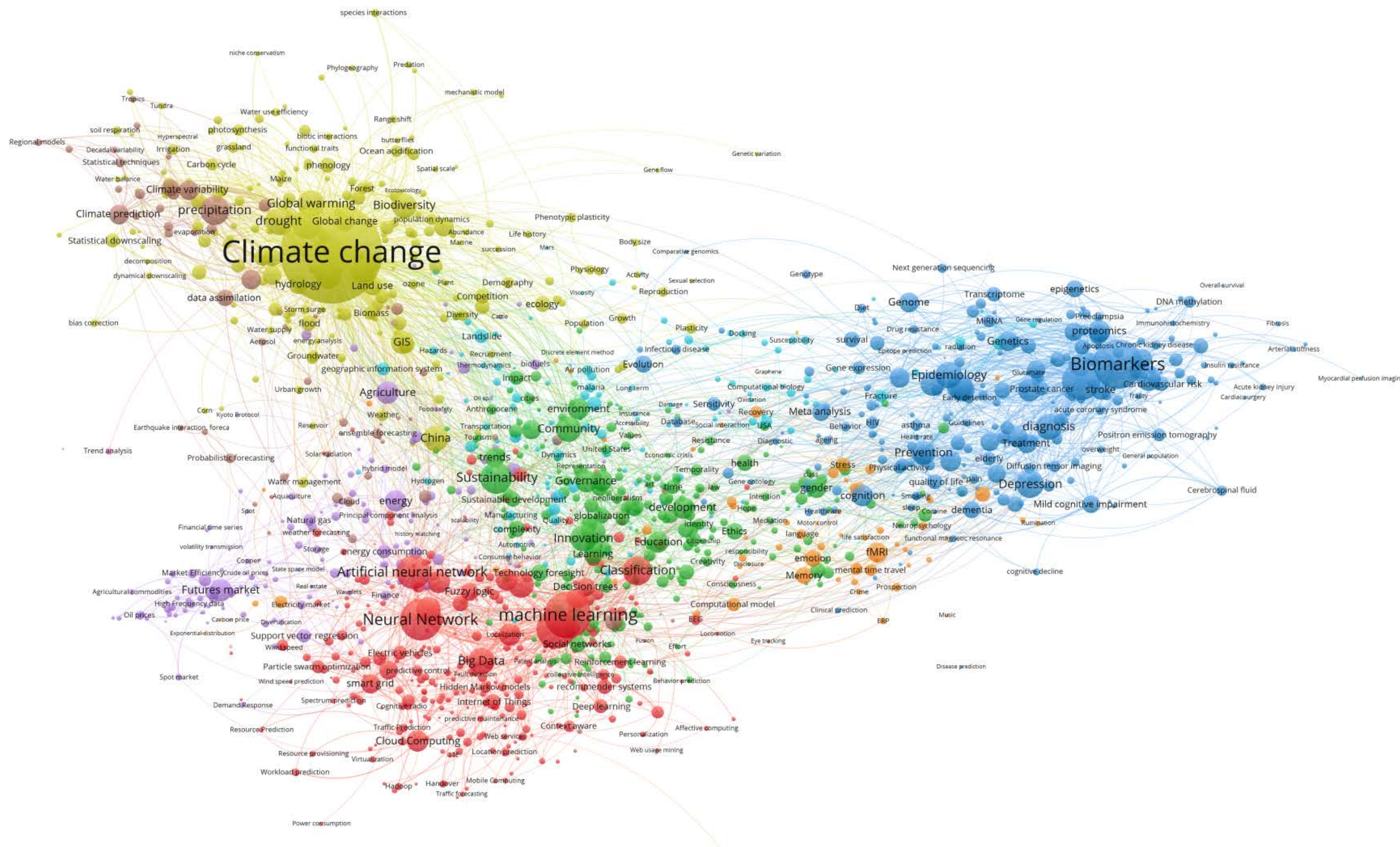
FIG. 3. Publications profiles of the University of Amsterdam, Georgia Tech, and London School of Economics (LSE) overlaid on the map of science.

- First, they provide a visual framework that enables us to make immediate and intuitively rich comparisons.
- Second, they use cognitive units for the representation (disciplines and specialties) that fit with conventional wisdom, whereas one can expect the analytical aggregates of local maps to be unstable and difficult to interpret.
- Third, whereas the generation of meaningful local maps requires bibliometric expertise, overlay maps can be produced SCI users, who are not experts in scientometrics.
- Finally, they can be used for various purposes depending on the units of analysis displayed by the size of the nodes, whether number of publications, citing articles, cited references, growth or other indicators, as shown by a series of recent studies.

* 출처: Rafols, Porter and Leydesdorff(2010), Science Overlay Maps: A New Tool for Research Policy and Library Management, Journal of the American Society for Information Science and Technology, Vol. 61, No. 9, pp. 1871-1887.

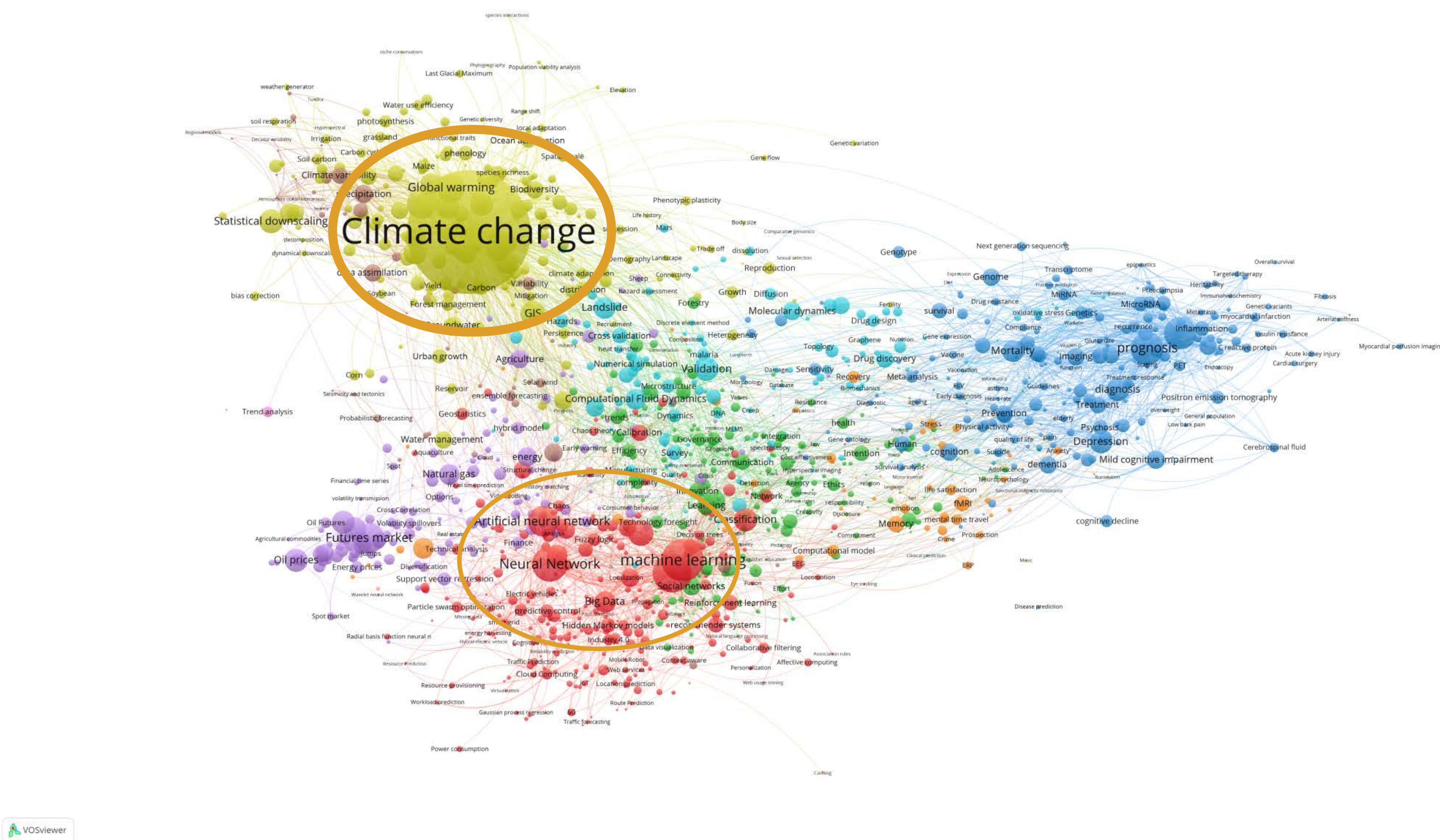
Overlay Mapping 분석 (3차 분석)

▪ 저자키워드: 네트워크맵 (글로벌)



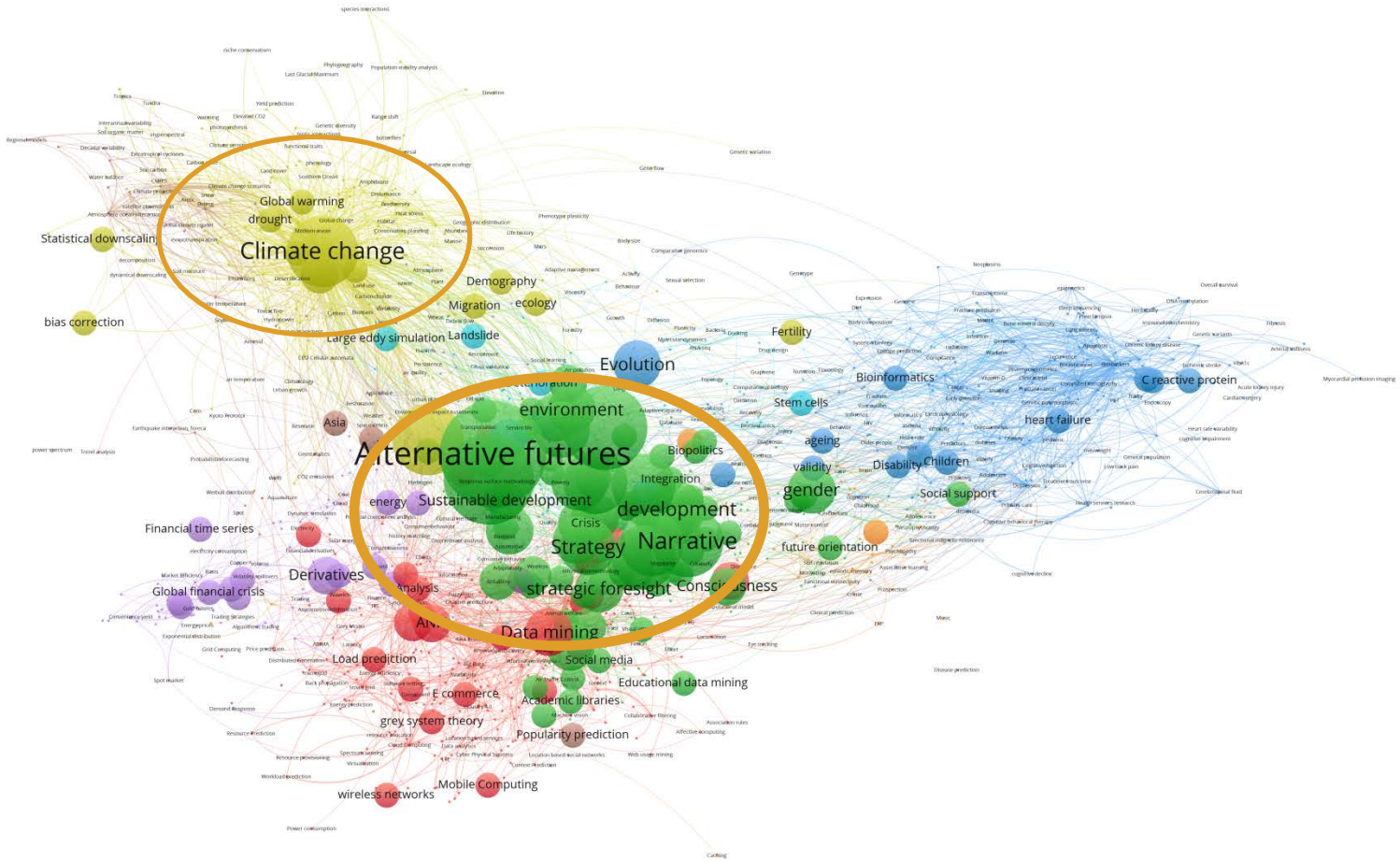
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (네덜란드)



Overlay Mapping 분석 (3차 분석)

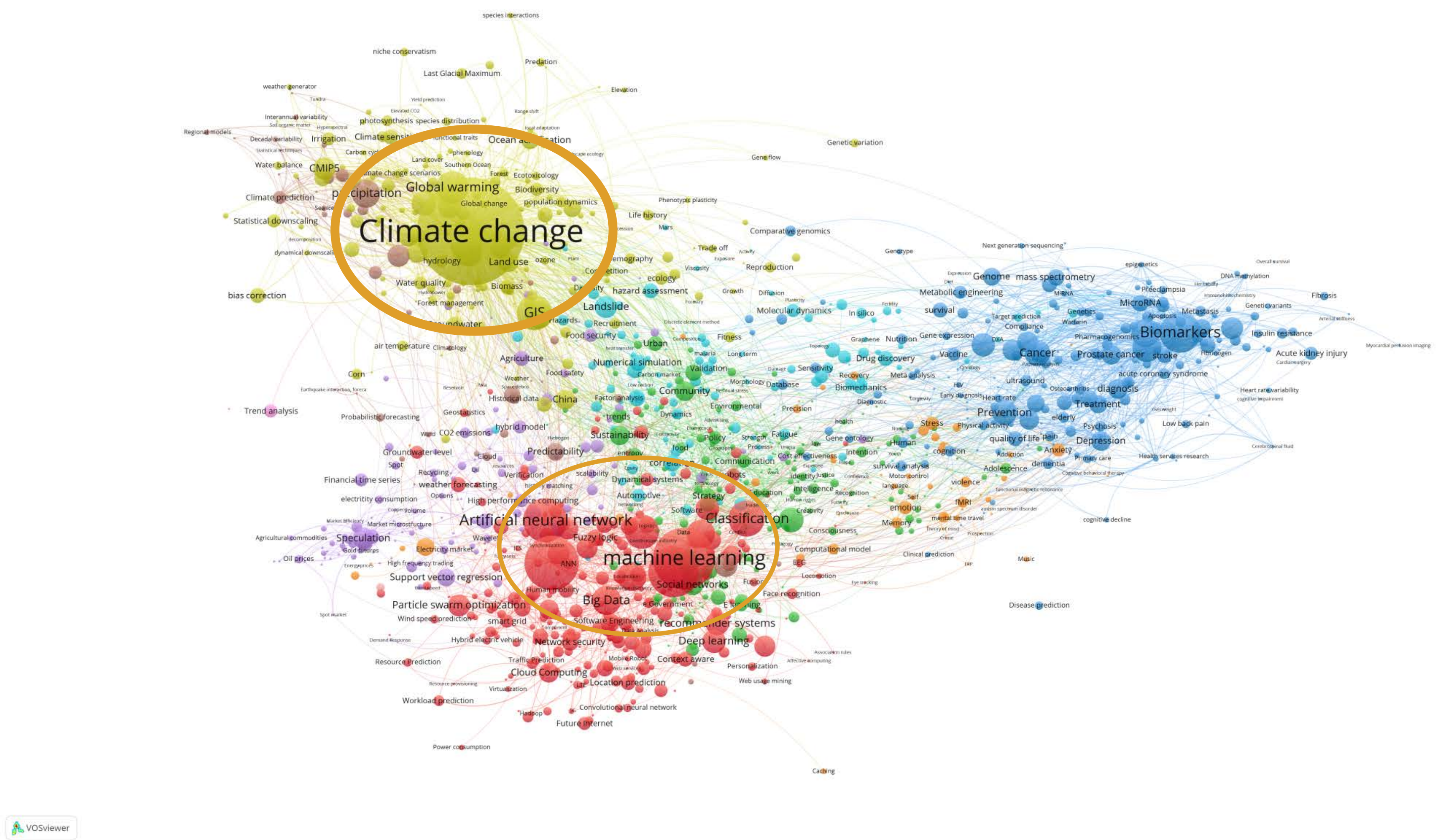
- 저자키워드: 네트워크맵 (대만)



VOSviewer

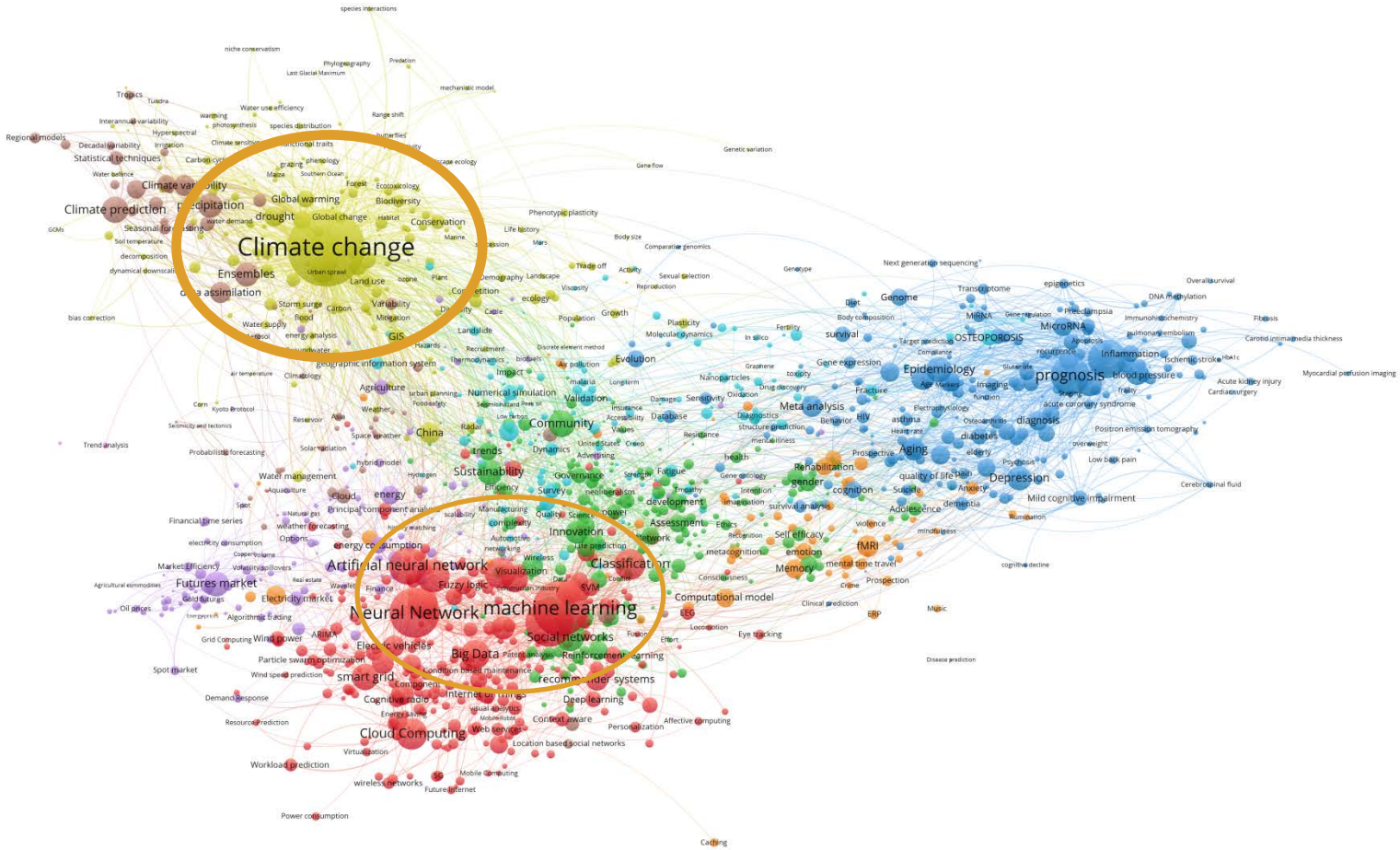
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (독일)



Overlay Mapping 분석 (3차 분석)

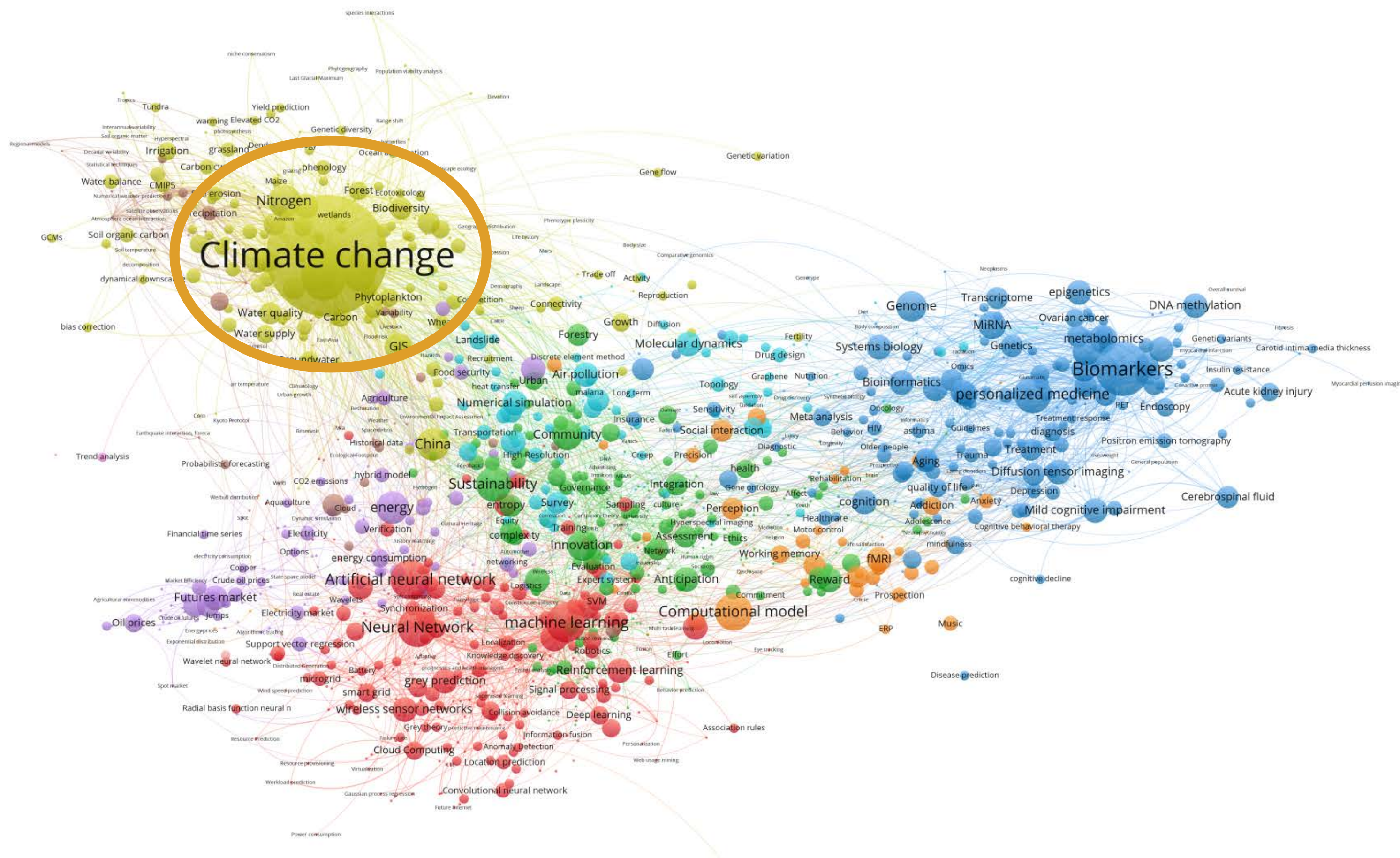
- 저자키워드: 네트워크맵 (미국)



VOSviewer

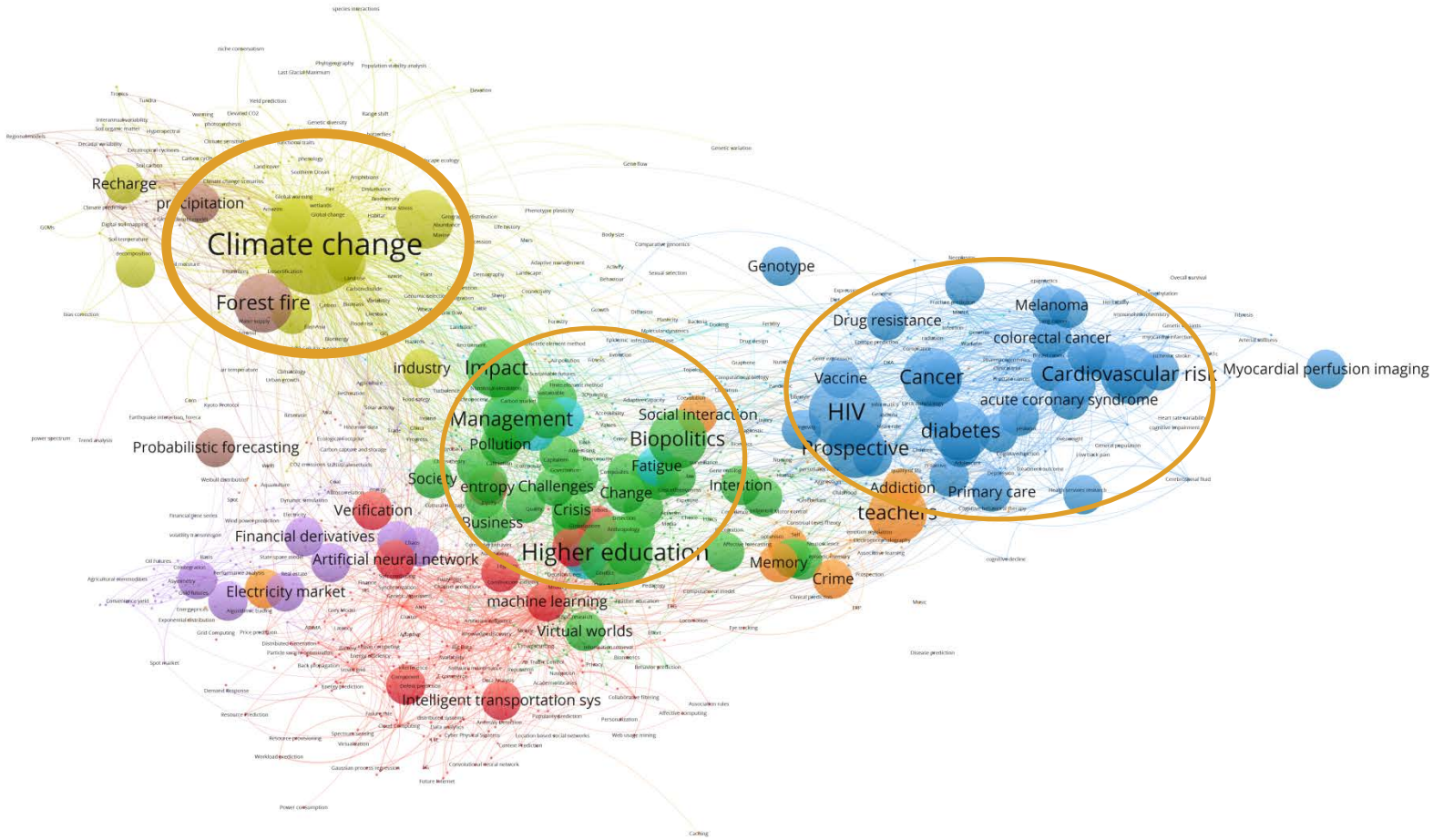
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (스위스)



Overlay Mapping 분석 (3차 분석)

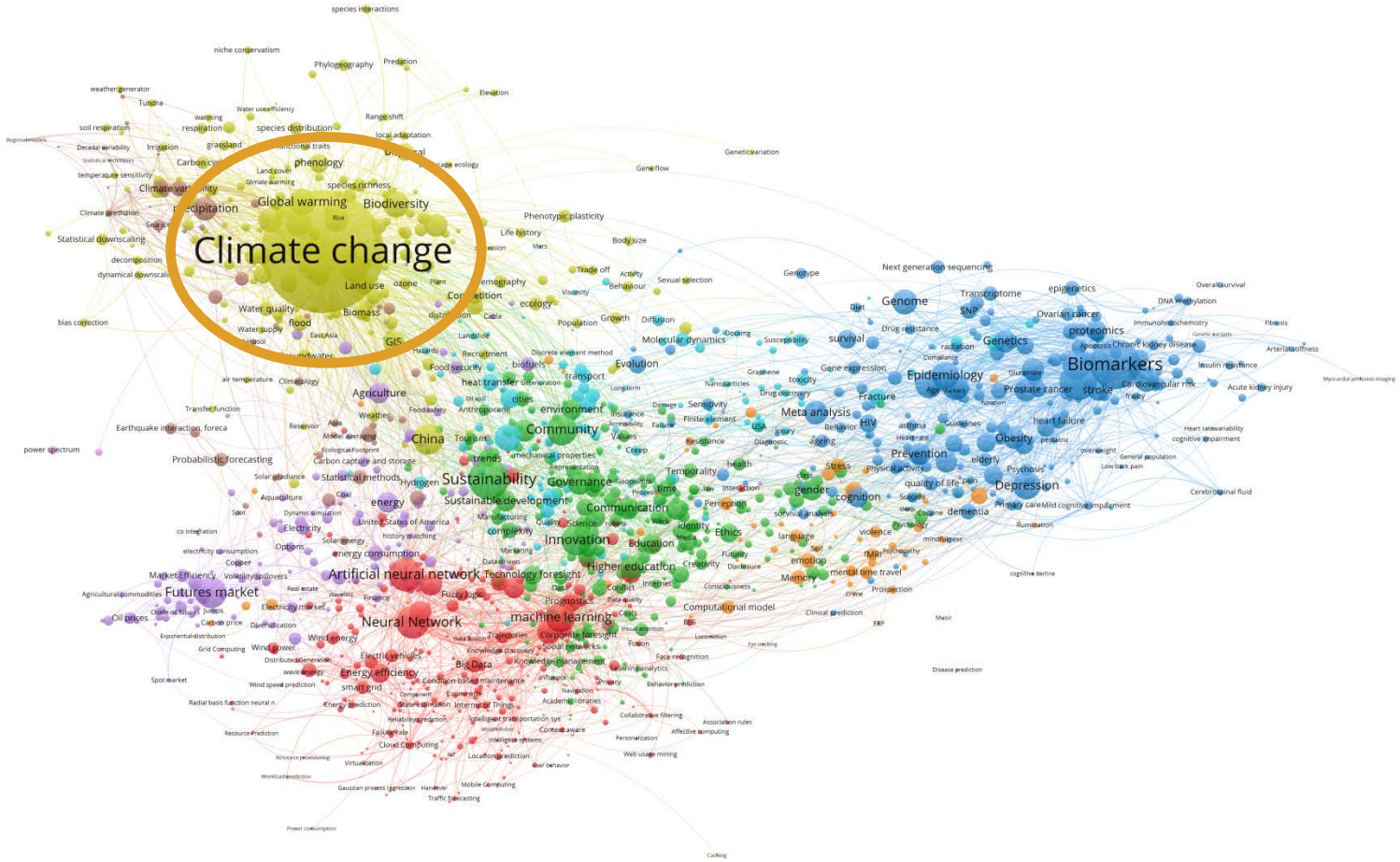
- 저자키워드: 네트워크맵 (스페인)



VOSviewer

Overlay Mapping 분석 (3차 분석)

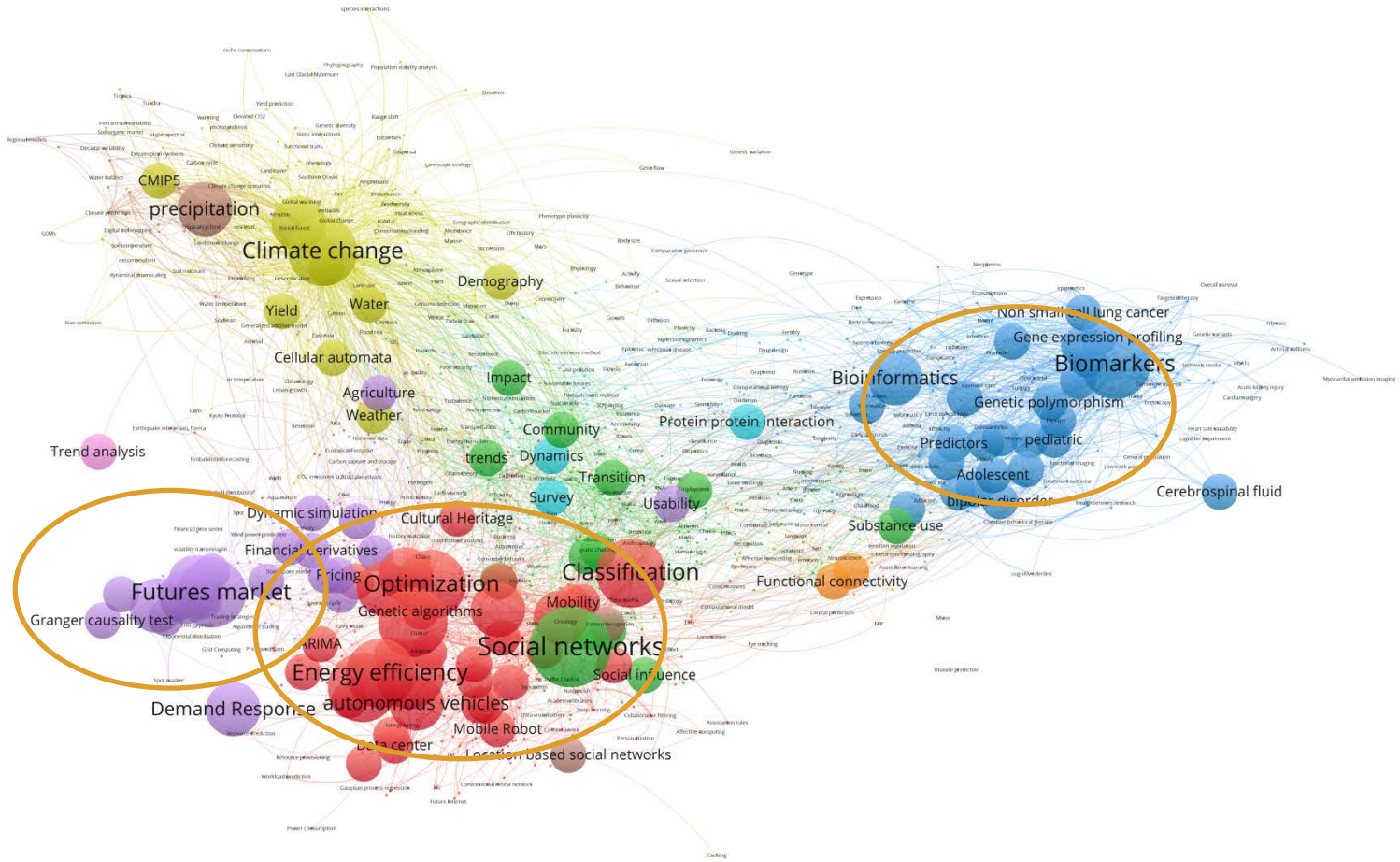
- 저자키워드: 네트워크맵 (영국)



VOSviewer

Overlay Mapping 분석 (3차 분석)

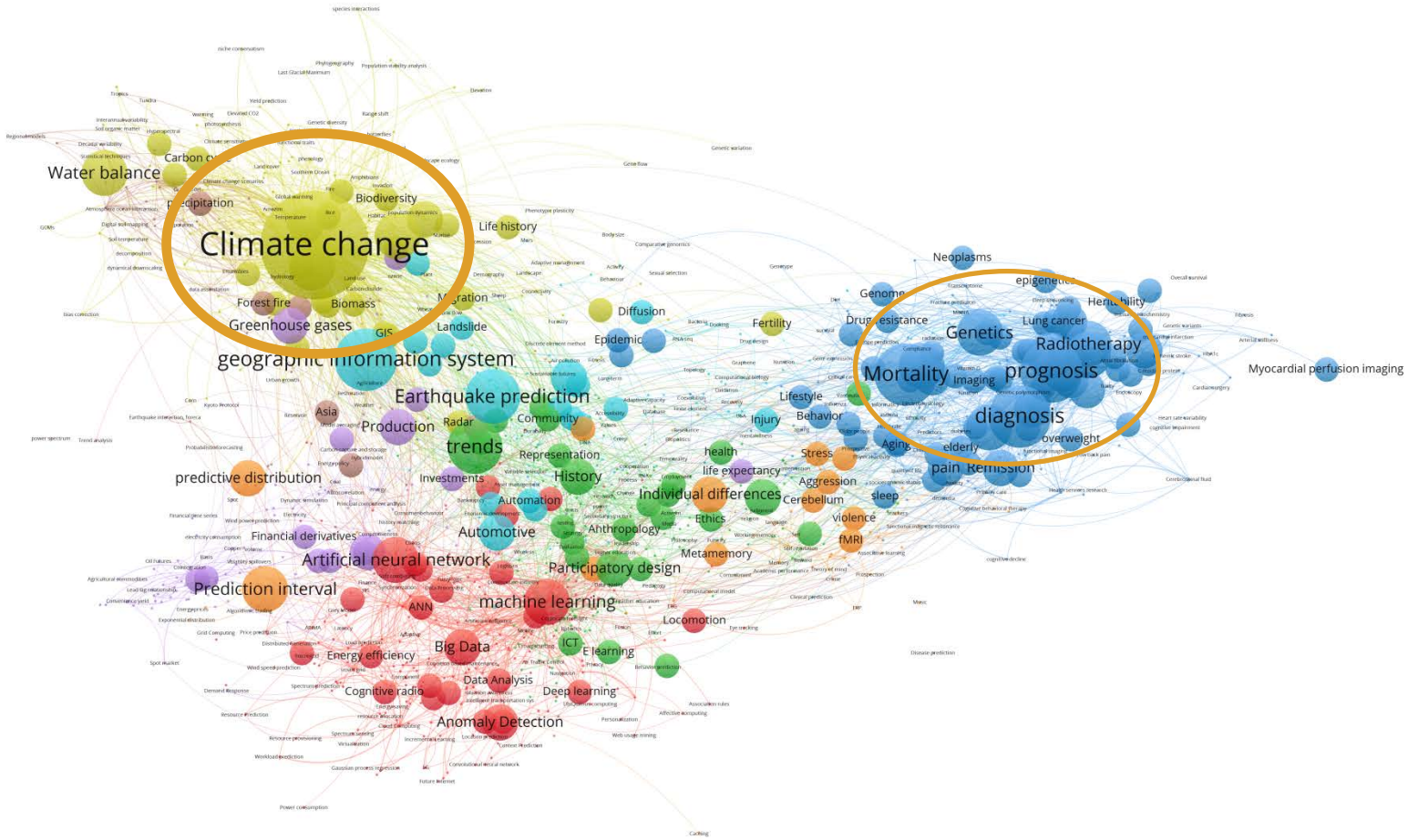
- 저자키워드: 네트워크맵 (오스트리아)



VOSviewer

Overlay Mapping 분석 (3차 분석)

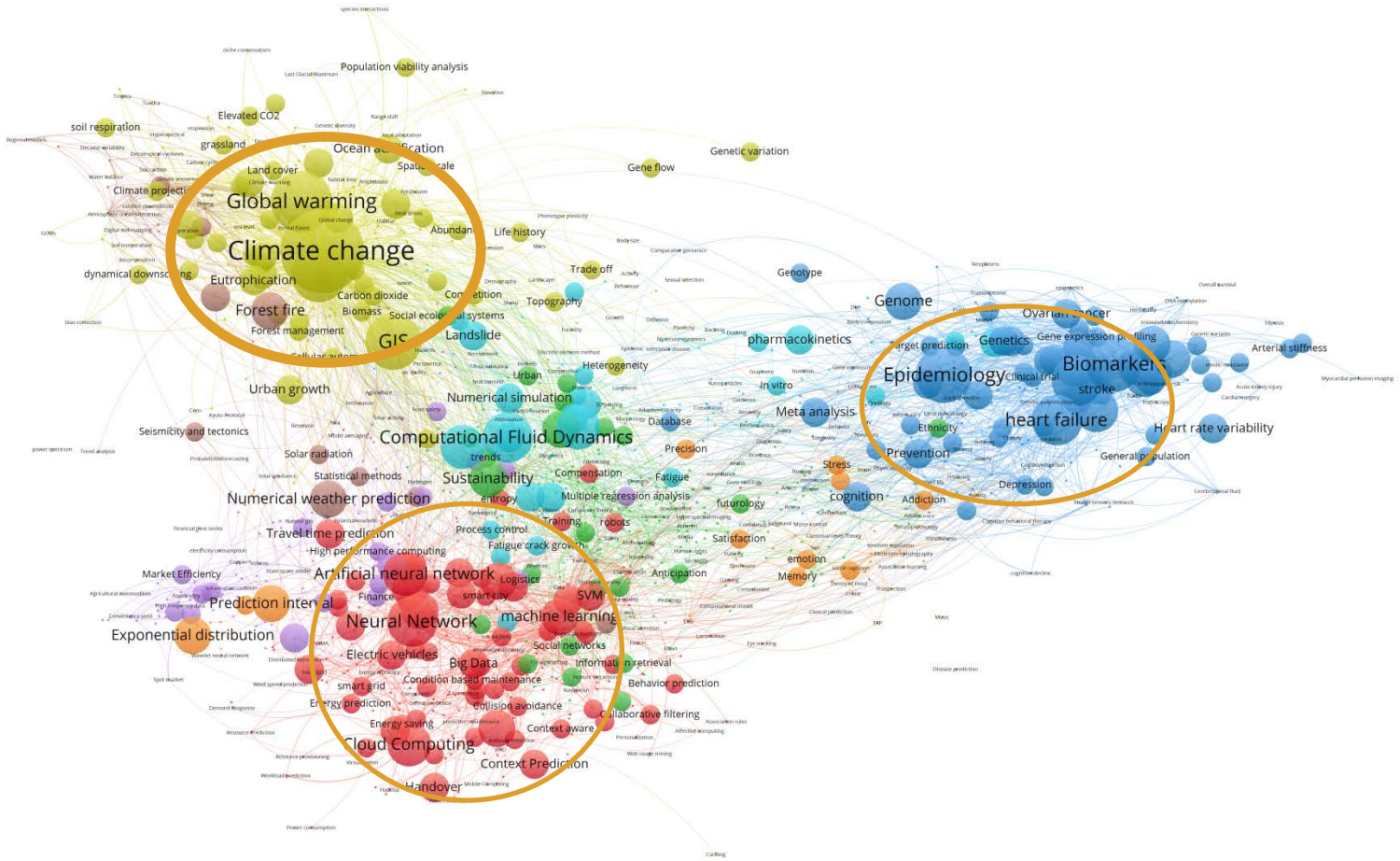
- 저자키워드: 네트워크맵 (이탈리아)



VOSviewer

Overlay Mapping 분석 (3차 분석)

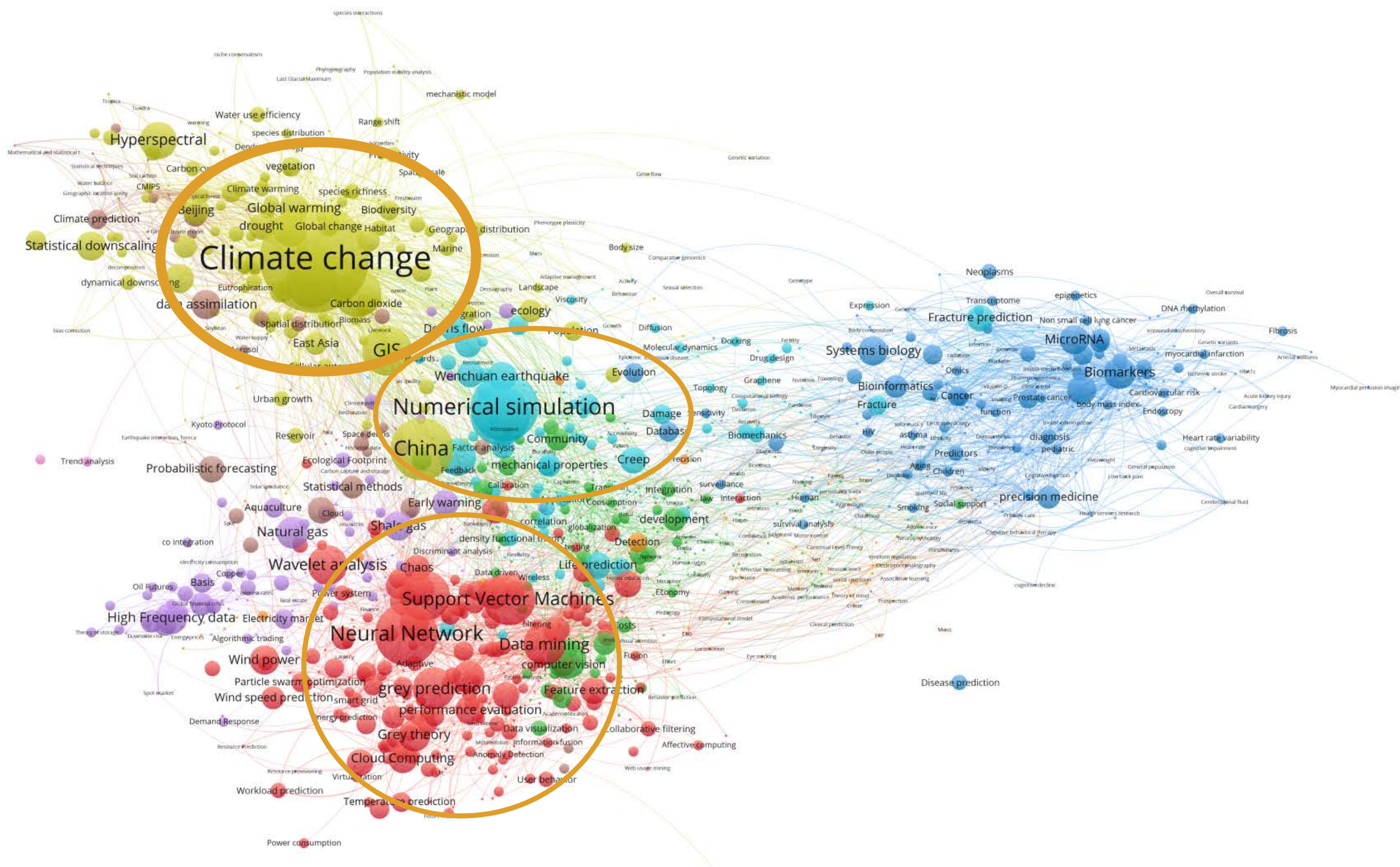
- 저자키워드: 네트워크맵 (일본)



VOSviewer

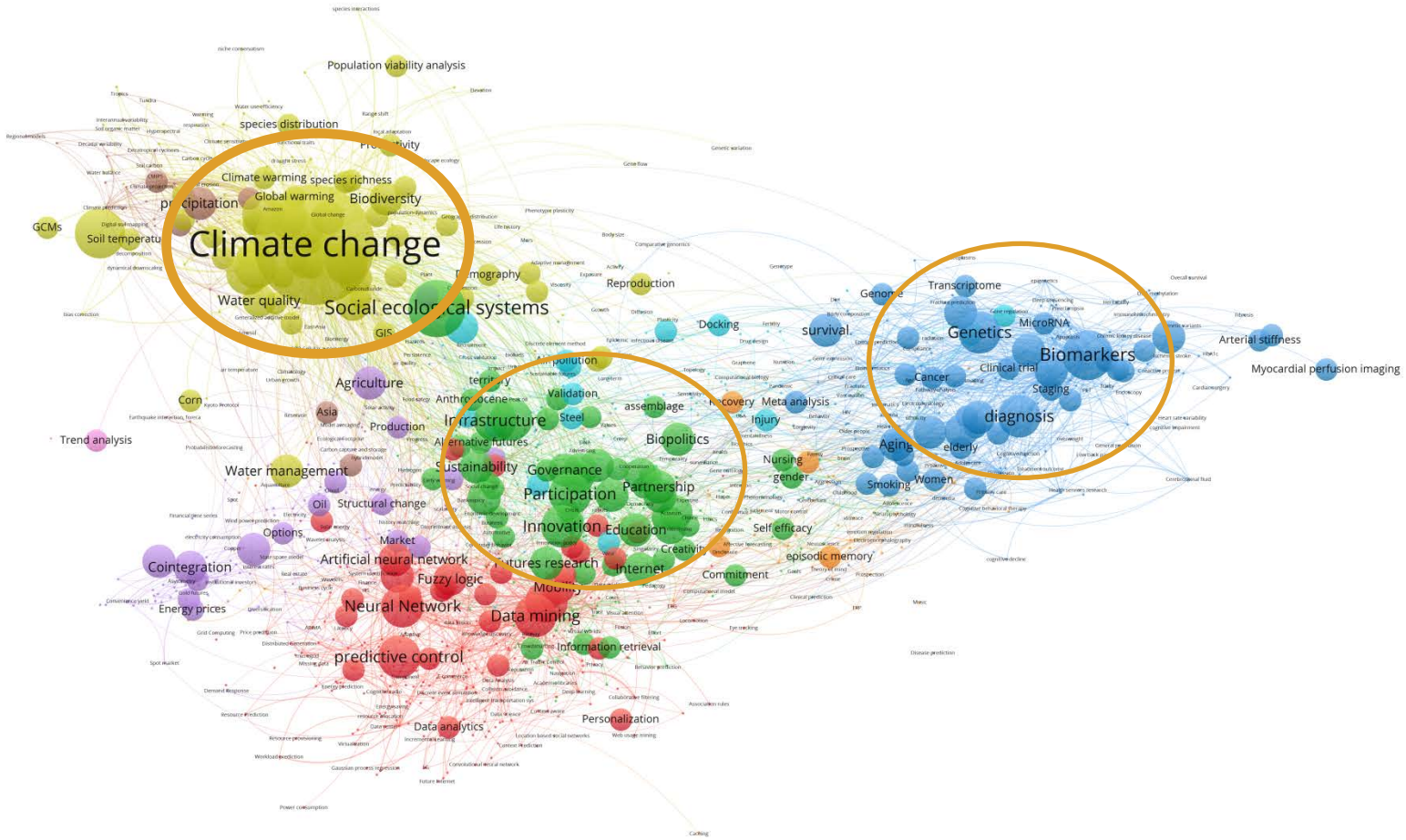
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (중국)



Overlay Mapping 분석 (3차 분석)

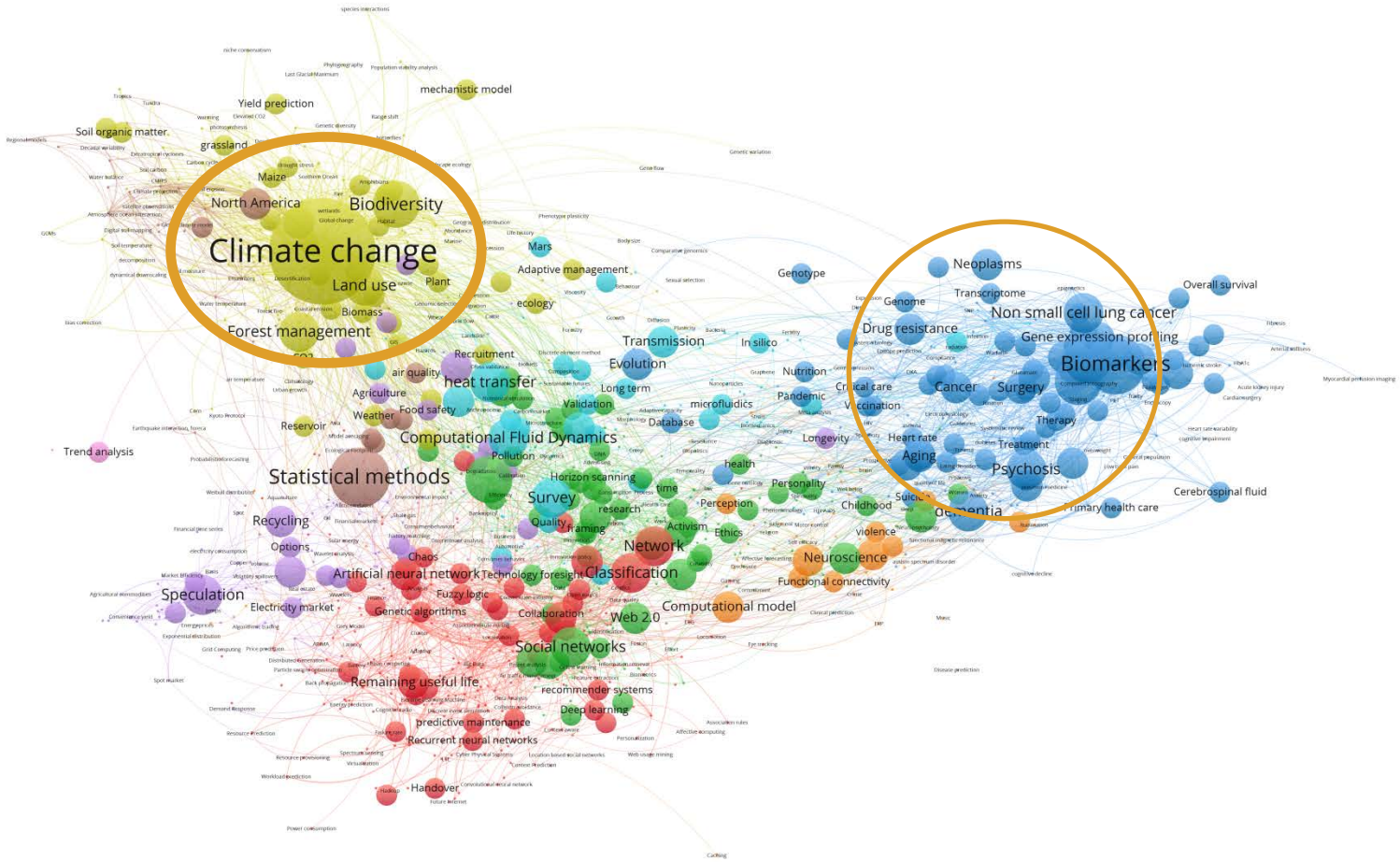
- 저자키워드: 네트워크맵 (캐나다)



VOSviewer

Overlay Mapping 분석 (3차 분석)

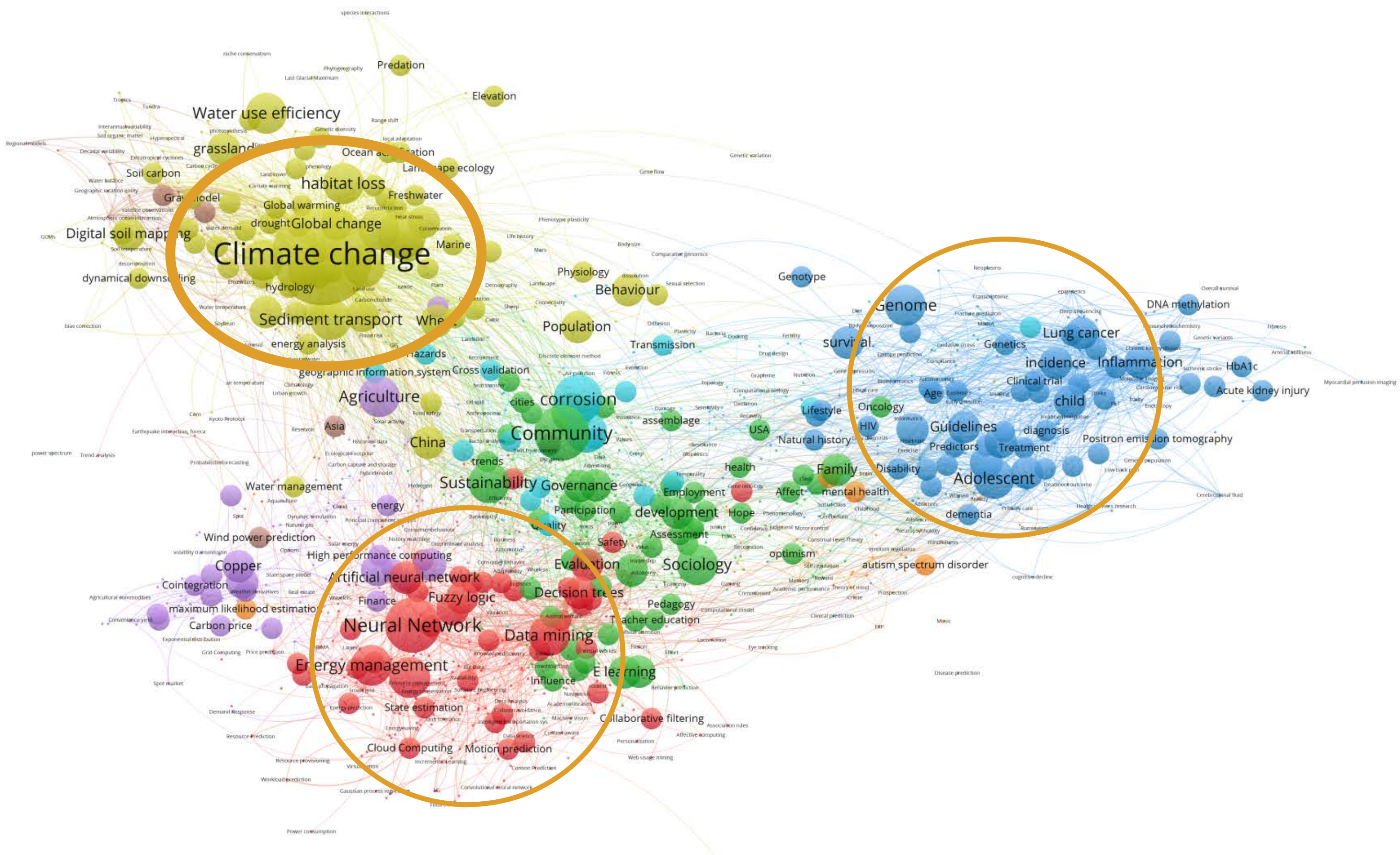
- 저자키워드: 네트워크맵 (프랑스)



VOSviewer

Overlay Mapping 분석 (3차 분석)

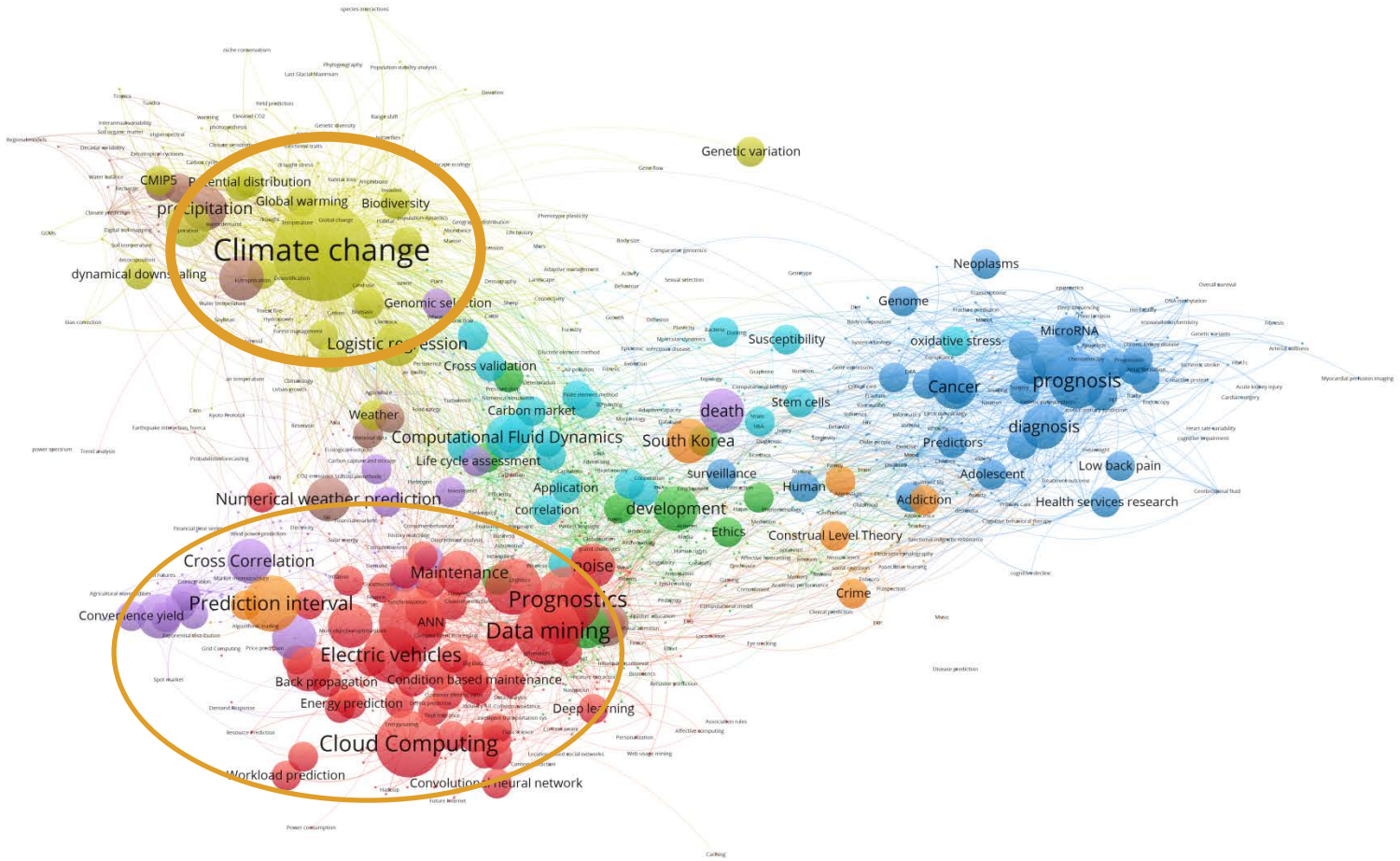
- 저자키워드: 네트워크맵 (호주)



VOSviewer

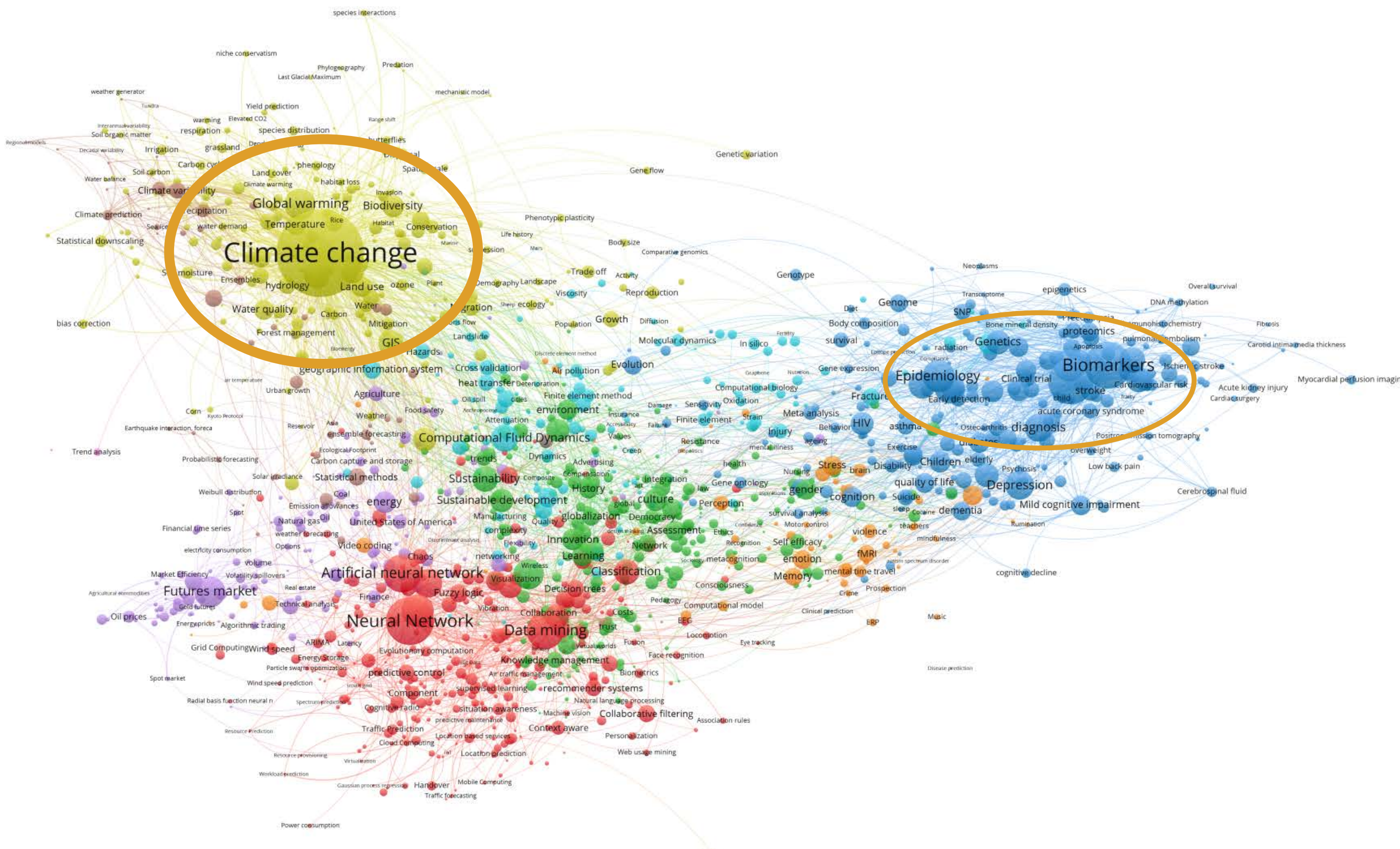
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (한국)



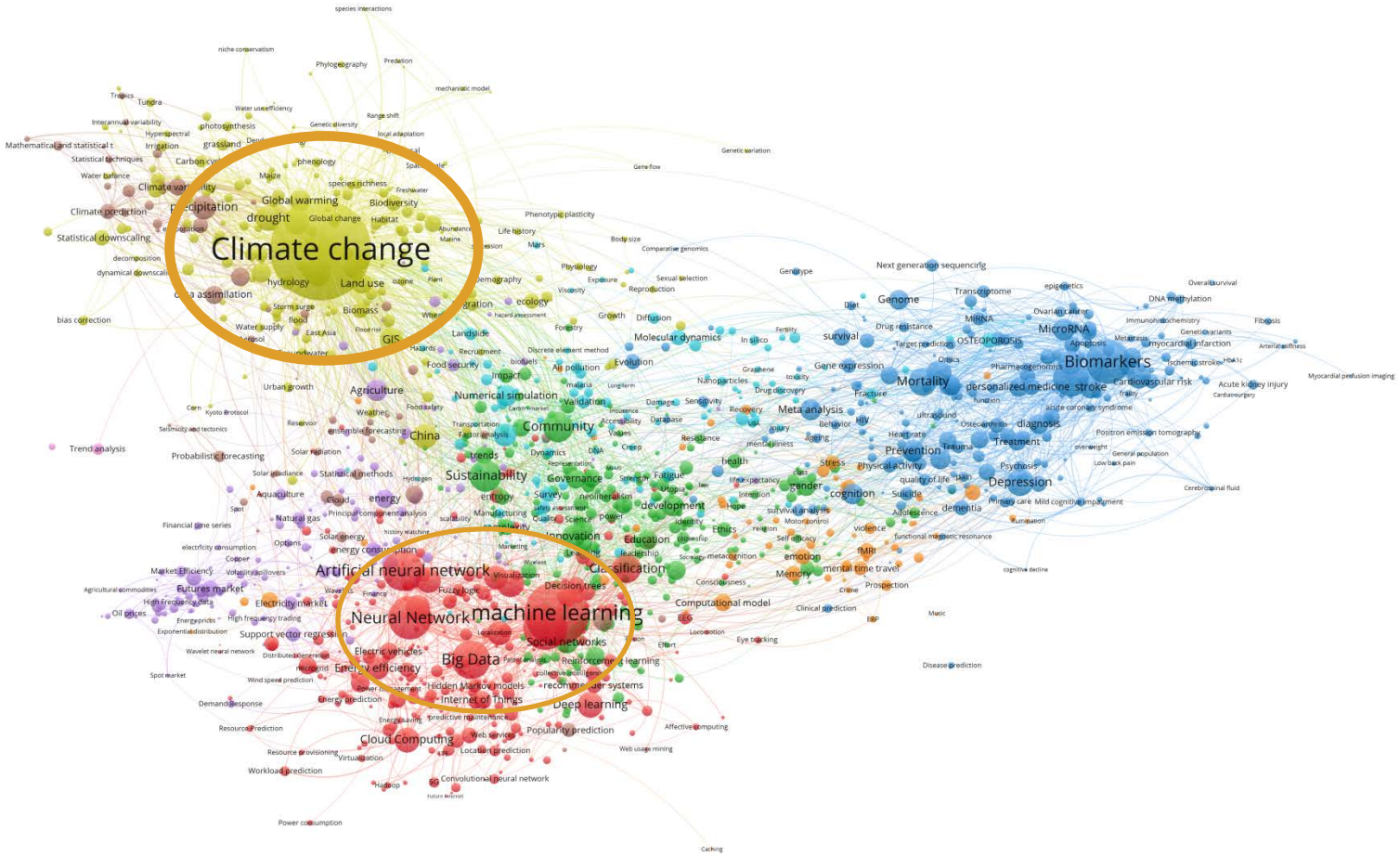
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (2008~2009)



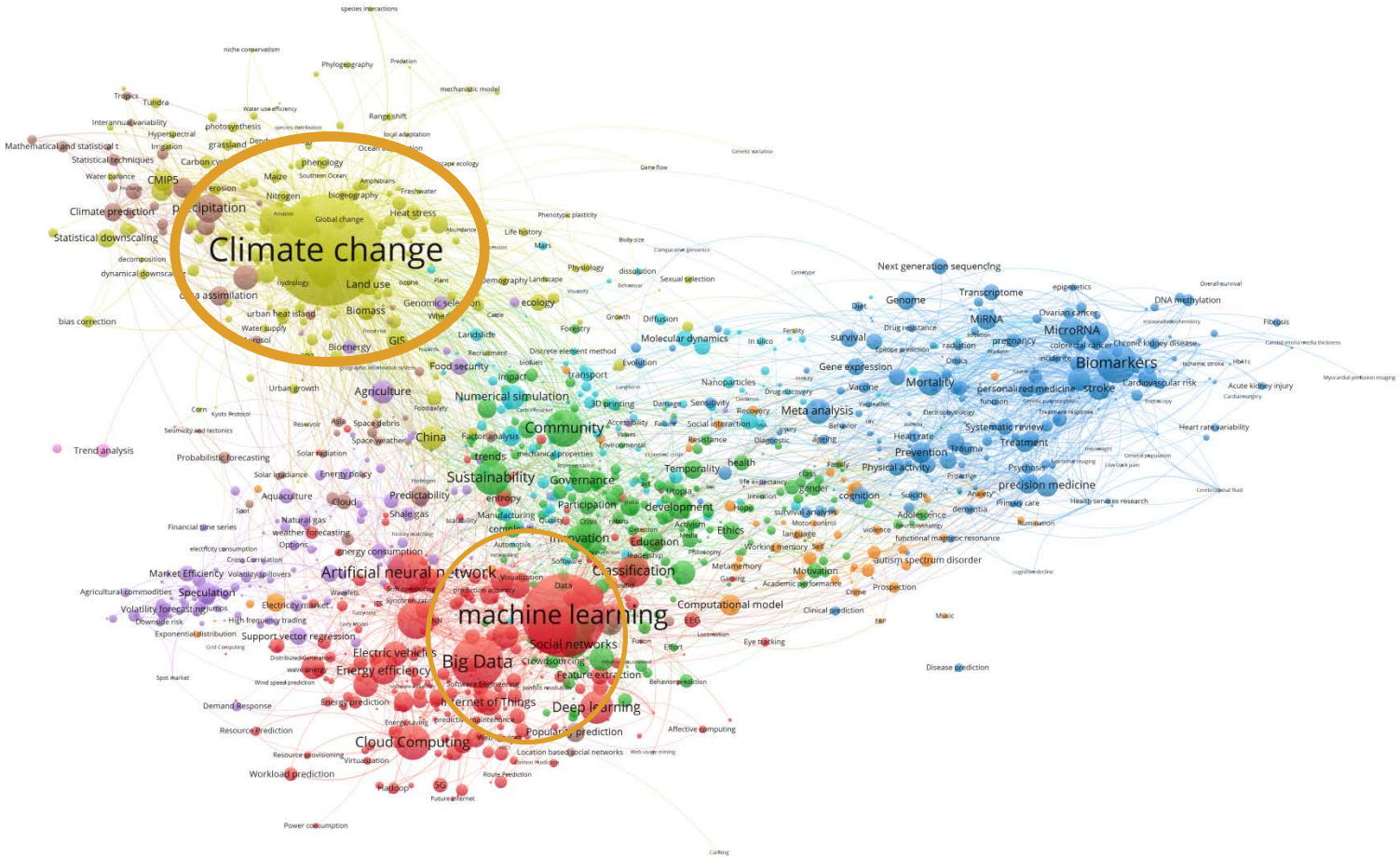
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (2016~2017)


Climate change
Global warming
drought
Biodiversity
Land use
hydrology
GIS
Biomass
Agriculture
China
Community
Sustainability
Governance
Artificial neural network
Neural Network
machine learning
Classification
Big Data
Deep learning
Cloud Computing
Internet of Things
Social networks
Decision trees
Computational model
Futures market
Electricity market
Support vector regression
Electric vehicles
Energy efficiency
Hidden Markov models
Genome
Mortality
Biomarkers
personalized medicine
stroke
Meta analysis
Prevention
Treatment
Depression
diagnosis
MicroRNA
OSTEOPOROSIS
Molecular dynamics
survival
Gene expression
Next generation sequencing
Transcriptome
Cognition
Suicide
dementia
Memory
emotion
mental time travel
Prospection
Numerical simulation
Validation
Trends
Sustainability
Innovation
Education
Leadership
Survey
Neoliberalism
Utopia
development
Ethics
Stress
Physical activity
Quality of life
Pain
Psychosis
Gender
Violence
Adolescence
Heart rate
Trauma
Obesity
Overweight
Low back pain
Cardiovascular risk
Acute kidney injury
Myocardial infarction
Ischemic stroke
Fibrosis
Genetic variants
Immunohistochemistry
DNA methylation
Epigenetics
Overall survival
Ovarian cancer
Apoptosis
Metabolomics
Pharmacogenomics
Drug resistance
Target prediction
Omics
Drug discovery
Fracture
Recovery
Insurance
Accessibility
Database
Resistance
Ultrasound
Osteoarthritis
Acute coronary syndrome
Positron emission tomography
General population
Cerebrospinal fluid
Primary care
Mild cognitive impairment
Rumination
Functional magnetic resonance
Cognitive decline
Prospection
Clinical prediction
Disease prediction
Music
Eye tracking
Crime
Consciousness
Self-efficacy
Motor control
Identity
Ownership
Social cognition
Metacognition
Wireless
Visualization
Fuzzy logic
Wavelet
Finance
Localization
Effort
Reinforcement learning
Recommender systems
Web services
Location prediction
Popularity prediction
Affective computing
Web usage mining
Convolutional neural network
Future internet
Hadoop
Virtualization
Resource provisioning
Workload prediction
Power consumption
Caching
Resource prediction
Energy prediction
Predictive maintenance
Energy saving
Demand response
Spot market
Wind speed prediction
Wavelet neural network
Distributed generation
Microgrid
Power management
Exponential distribution
Energy prices
High frequency trading
Oil prices
Agricultural commodities
Market efficiency
Volatility
Copper
Electricity consumption
Options
Solar energy
Energy consumption
Natural gas
Financial time series
Aquaculture
Cloud
Principal component analysis
Spot
Solar radiation
Statistical methods
Hydrogen
Probabilistic forecasting
Trend analysis
Seismicity and tectonics
Kyoto protocol
Corn
Reservoir
Ensemble forecasting
Weather
Food safety
Urban growth
Data assimilation
Bias correction
Statistical downscaling
Climate prediction
Precipitation
Water balance
Statistical techniques
Mathematical and statistical t
Interannual variability
Hyperspectral
Irrigation
Grassland
Tropics
Tundra
Water use efficiency
Photosynthesis
Phenology
Maize
Species richness
Freshwater
Habitat
Global change
Water supply
East Asia
Flood risk
Aerosol
Storm surge
Flood
Decomposition
Dynamical downscaling
Niche conservatism
Species interactions
Phylogeography
Predation
Mechanistic model
Range shift
Local adaptation
Genetic diversity
Genetic variation
Gene flow
Phenotypic plasticity
Life history
Body size
Comparative genomics
Physiology
Exposure
Sexual selection
Reproduction
Viscosity
Growth
Diffusion
Forestry
Hazard assessment
Ecology
Migration
Landslide
Food security
Biofuels
Impact
Air pollution
Evolution
Discrete element method
Recruitment
Hazards
Malaria
Longterm
Nanoparticles
Graphene
Toxicity
In silico
Fertility
Genotype
Diet
Genome

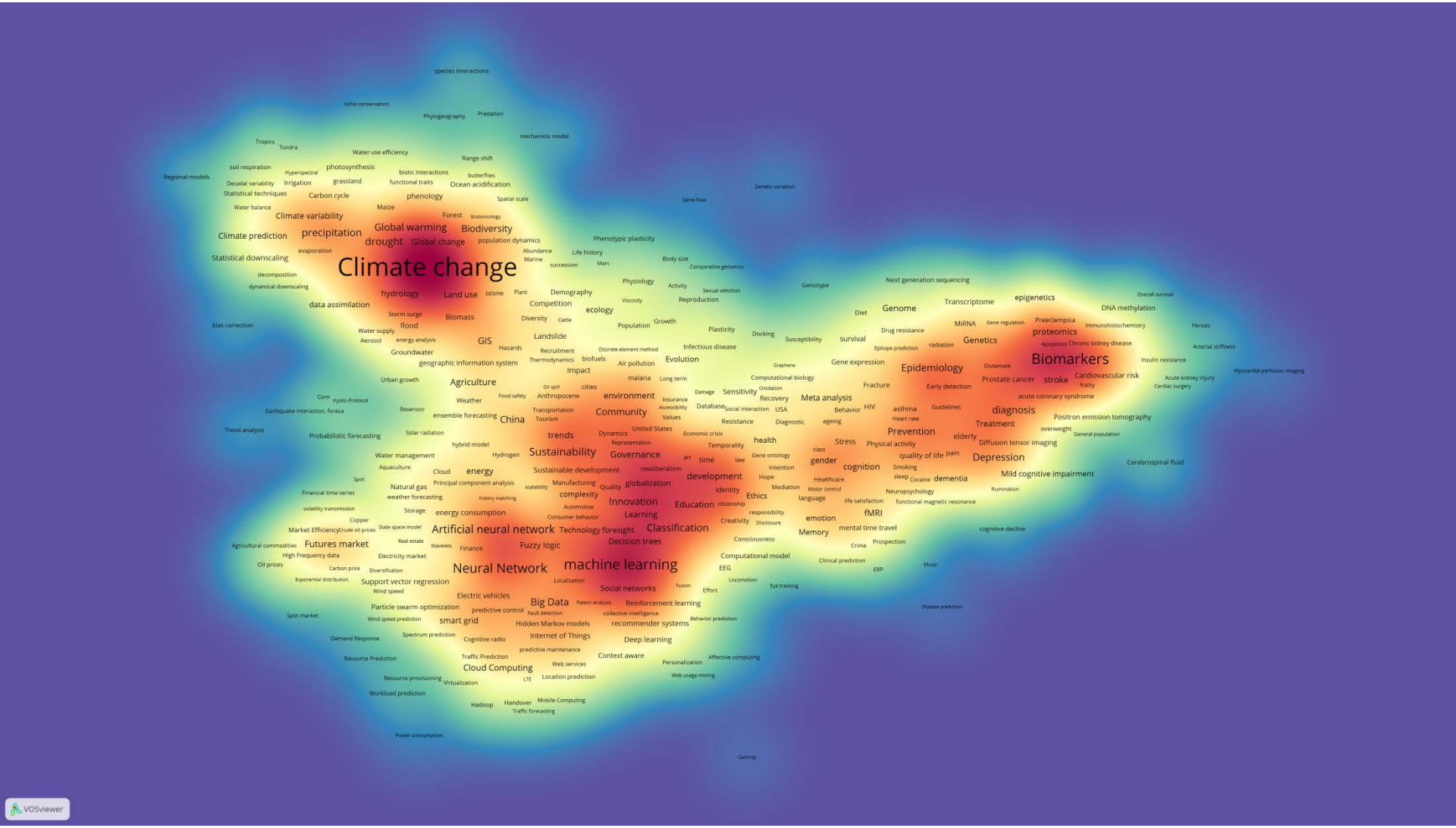
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (증가율)


Climate change
machine learning
Big Data
Artificial neural network
Sustainability
Community
Governance
Biomarkers
Cloud Computing
Deep learning
Internet of Things
Social networks
Classification
Computational model
Meta analysis
Mortality
Genome
Transcriptome
Next generation sequencing
Agriculture
Biomass
Food security
Numerical simulation
China
Climate prediction
Statistical downscaling
Precipitation
Heat stress
Land use
Bioenergy
GIS
Energy efficiency
Electric vehicles
Support vector regression
Speculation
Aquaculture
Trend analysis
Probabilistic forecasting
Workload prediction
Resource prediction
Demand Response
Energy prediction
Hadoop
5G
Power consumption
Urban growth
Urban heat island
Water supply
Drought
Ecology
Biodiversity
Climate change
Land use
Biomass
Food security
Agriculture
Numerical simulation
Community
Sustainability
Governance
Innovation
Participation
Development
Education
Ethics
Classification
Artificial neural network
machine learning
Big Data
Social networks
Feature extraction
Deep learning
Internet of Things
Cloud Computing
Popularity prediction
Location based social networks
Computational model
Meta analysis
Mortality
Genome
Transcriptome
Next generation sequencing
Biomarkers
MicroRNA
MiRNA
DNA methylation
Ovarian cancer
Colorectal cancer
Chronic kidney disease
Pregnancy
Survival
Gene expression
Vaccine
Nanoparticles
Drug discovery
Stroke
Cardiovascular risk
Acute kidney injury
Personalized medicine
Systematic review
Treatment
Prevention
Trauma
Physical activity
Psychosis
Precision medicine
Cognition
Suicide
Anxiety
Dementia
Adolescence
Autism spectrum disorder
Motivation
Prospection
Heart rate variability
Fibrosis
Myocardial perfusion imaging
Disease prediction
Eye tracking
Clinical prediction
Music
Cognitive decline
Crime
Academic performance
Working memory
Metamemory
Gaming
Motor control
Language
Violence
Functional magnetic resonance
Rumination
Primary care
Health services research
Cerebrospinal fluid
Cardiosurgery
Cardiac output
Cardiac arrest
Cardiac rehabilitation
Cardiac sur

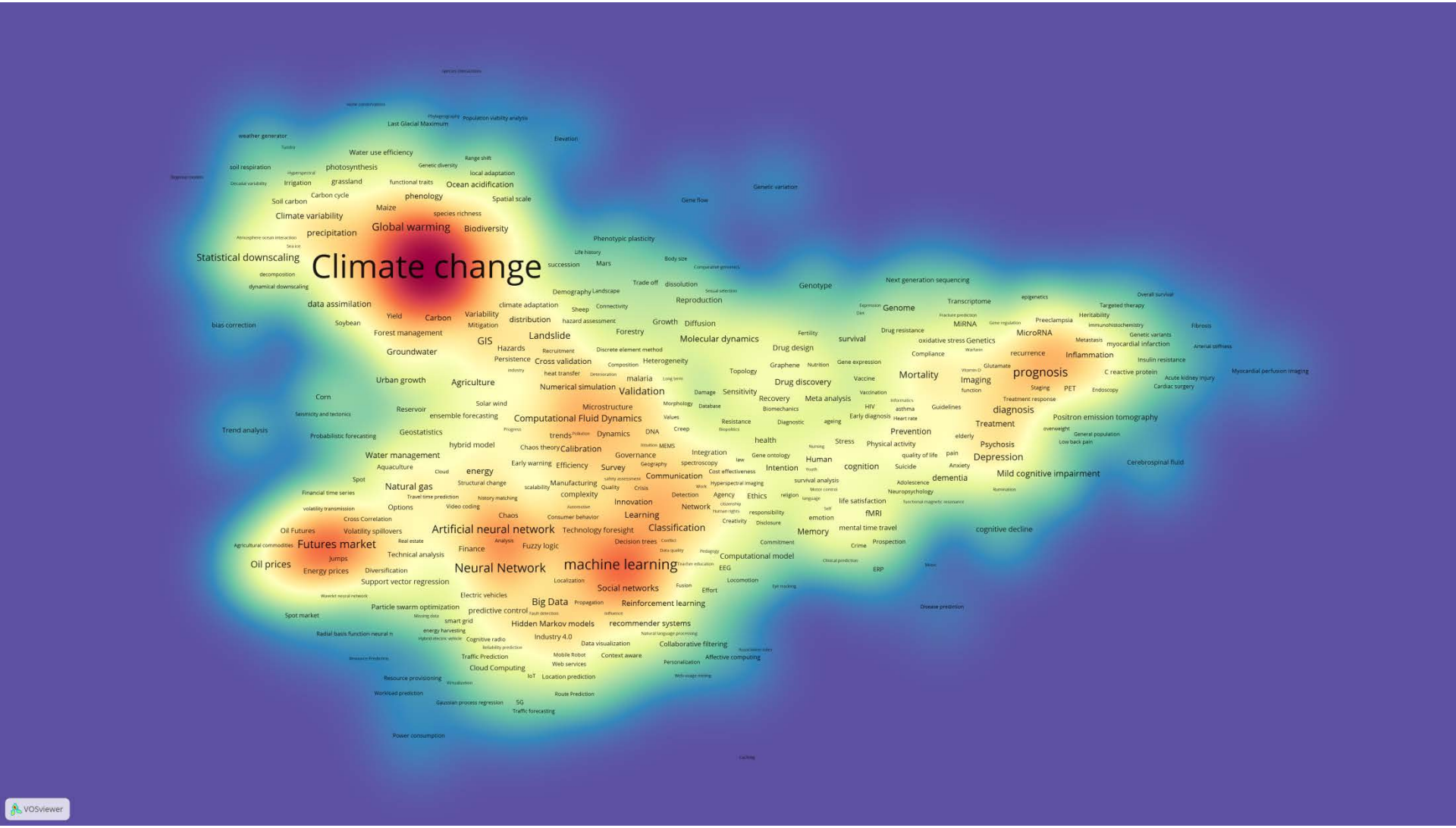
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (글로벌)



Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (네덜란드)


Climate change
Statistical downscaling
Global warming
Biodiversity
precipitation
Climate variability
Water use efficiency
photosynthesis
grassland
Ocean acidification
phenology
Soil carbon
Carbon cycle
Maize
Spatial scale
Last Glacial Maximum
weather generator
soil respiration
Irrigation
Elevation
Genetic variation
Gene flow
Phenotypic plasticity
succession
Mars
data assimilation
bias correction
Soybean
Yield
Carbon
Variability
distribution
Forest management
Groundwater
GIS
Landslide
Hazards
Persistence
Cross validation
Urban growth
Agriculture
Corn
Reservoir
ensemble forecasting
Trend analysis
Geostatistics
Water management
hybrid model
Aquaculture
energy
Natural gas
Options
Oil Futures
Volatility spillovers
Futures market
Oil prices
Energy prices
Support vector regression
Artificial neural network
Technology foresight
Fuzzy logic
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Social networks
Big Data
Reinforcement learning
Particle swarm optimization
predictive control
Hidden Markov models
recommender systems
Industry 4.0
Data visualization
Collaborative filtering
Cloud Computing
Traffic Prediction
Mobile Robot
Context aware
Affective computing
Resource provisioning
Location prediction
Route Prediction
Power consumption
Demography
Landscape
climate adaptation
hazard assessment
Sheep
Connectivity
Reproduction
Growth
Diffusion
Forestry
Molecular dynamics
Drug design
survival
Genotype
Next generation sequencing
Genome
Transcriptome
epigenetics
Drug resistance
MiRNA
MicroRNA
oxidative stress
Genetics
Compliance
recurrence
Inflammation
Mortality
prognosis
Imaging
C reactive protein
Drug discovery
Vaccine
Meta analysis
Recovery
Sensitivity
Validation
malaria
Numerical simulation
Microstructure
Computational Fluid Dynamics
Dynamics
trends
Calibration
Chaos theory
Governance
Integration
Efficiency
Survey
Communication
Manufacturing
complexity
Innovation
Network
Learning
Classification
Decision trees
Computational model
EEG
Locomotion
Effort
Electric vehicles
Spot market
smart grid
energy harvesting
Cognitive radio
Traffic Prediction
Cloud Computing
IoT
Location prediction
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emotion
life satisfaction
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Human
Stress
Physical activity
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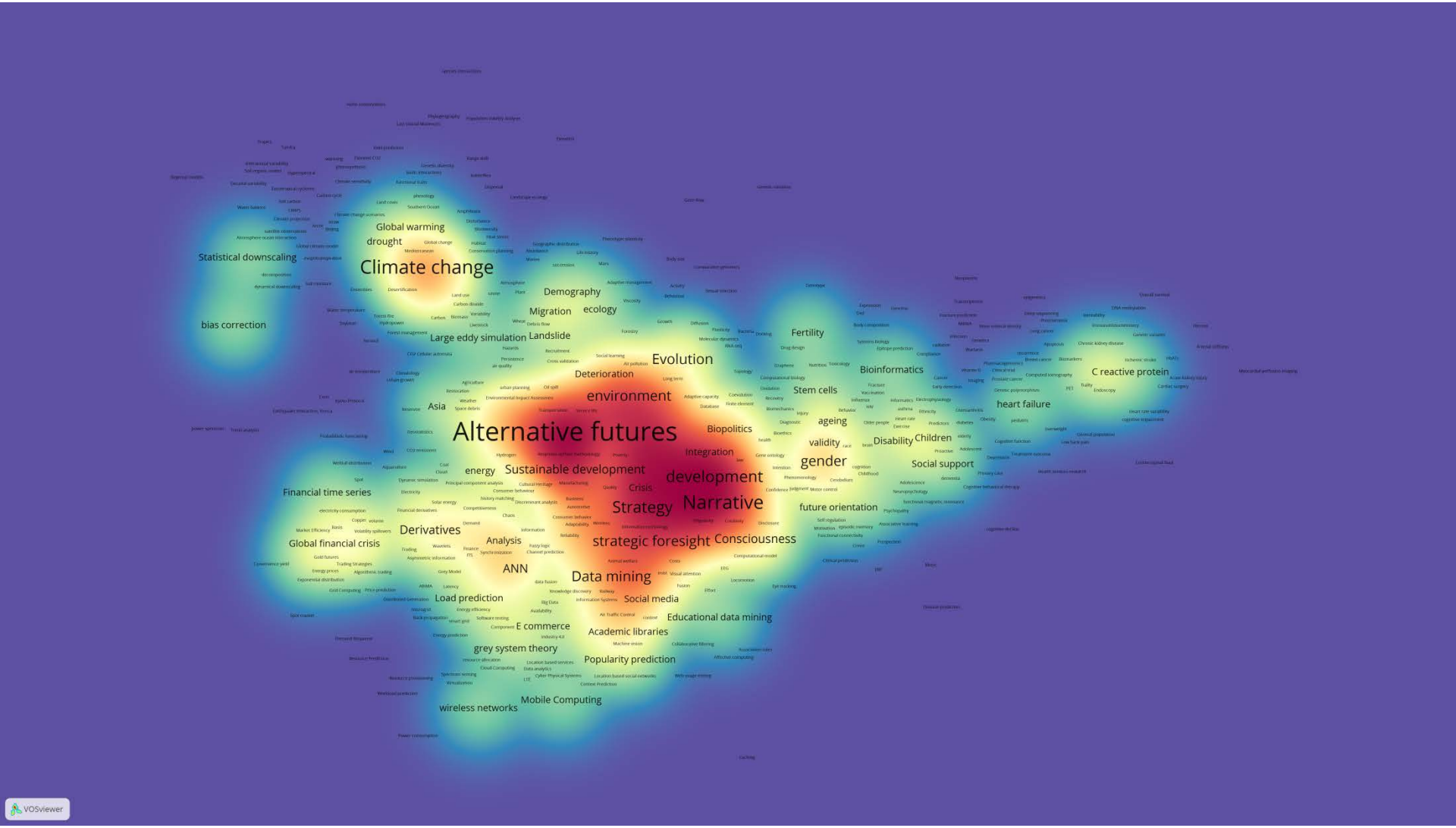
Suicide
Anxiety
Neuropsychology
Adolescence
Prospection
Crime
ERP
Disease prediction
Myocardial perfusion imaging
Cardiac surgery
Acute kidney injury
Insulin resistance
Fibrosis
Arterial stiffness
Metastasis
myocardial infarction
Genetic variants
Heritability
Preeclampsia
immunohistochemistry
Targeted therapy
Overall survival
Fertility
Nutrition
Gene expression
Graphene
Topology
Biomechanics
Diagnostic
Resistance
Early diagnosis
Guidelines
Treatment response
Endoscopy
PET
Staging
Heart rate
Creep
DNA
Values
Morphology
Database
Damage
Deterioration
Composition
Heterogeneity
Discrete element method
Recruitment
Solar wind
Seismicity and tectonics
Probabilistic forecasting
Cross Correlation
Volatility spillovers
Technical analysis
Diversification
Jumps
Real estate
Analysis
Finance
Consumer behavior
Chaos
Video coding
Travel time prediction
history matching
Structural change
Financial time series
volatility transmission
Spot
Cloud
Early warning
Geography
spectroscopy
Cost effectiveness
Hyperspectral imaging
survival analysis
Motor control
Work
Quality
Crisis
Detection
Agency
Automotive
Citizenship
Human rights
Disclosure
Creativity
responsibility
Commitment
Data quality
Pedagogy
Learning education
Clinical prediction
Skin
Eye tracking
Fusion
Localization
Propagation
Fault detection
Missing data
Influence
Natural language processing
Reliability prediction
Mobile Robot
Web services
Personalization
Web-usage mining
Virtualization
Resource Prediction
Hybrid electric vehicle
Wavelet neural network
Radial basis function neural n
Functional magnetic resonance
Illumination
Warfarin
Gene regulation
Fracture prediction
Expression
Diet
Vitamin D
Glutamate
function
Informatics
asthma
Early diagnosis
Vaccination
Nursing
Gene ontology
law
Human rights
Self
Creativity
Pain
quality of life
Anxiety
Low back pain
overweight
General population
elderly
Illumination
Species interactions
Population viability analysis
Phylogenetic tree
Range shift
Genetic diversity
local adaptation
functional traits
species richness
Life history
Body size
Comparative genomics
Sexual selection
Trade off
dissolution
Sheep
Mitigation
Recruitment
Composition
Deterioration
Long term
Morphology
Values
Progress
Pollution
Intuition
MEMS
Geography
Safety assessment
Work
Automotive
Analysis

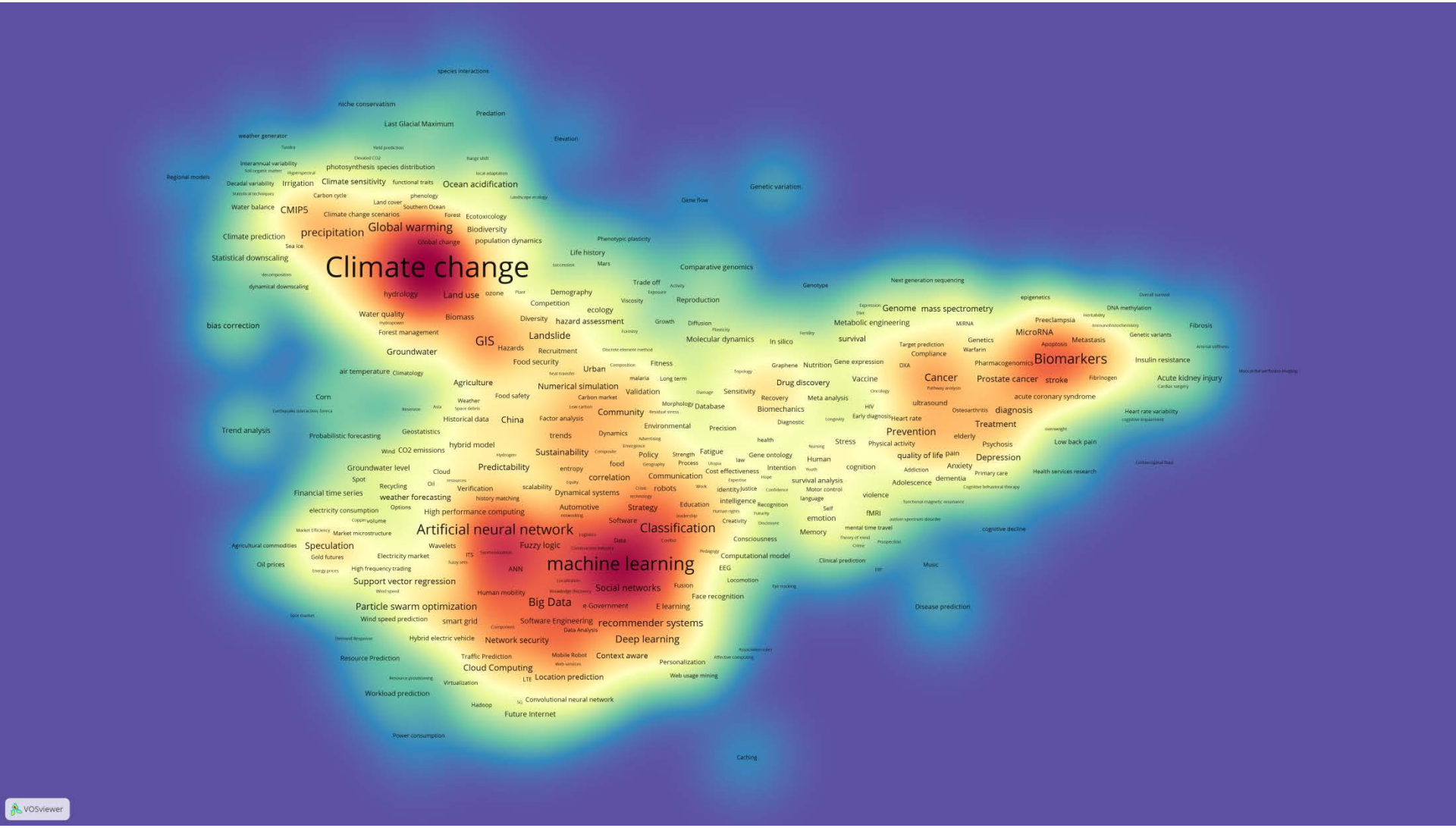
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (대만)



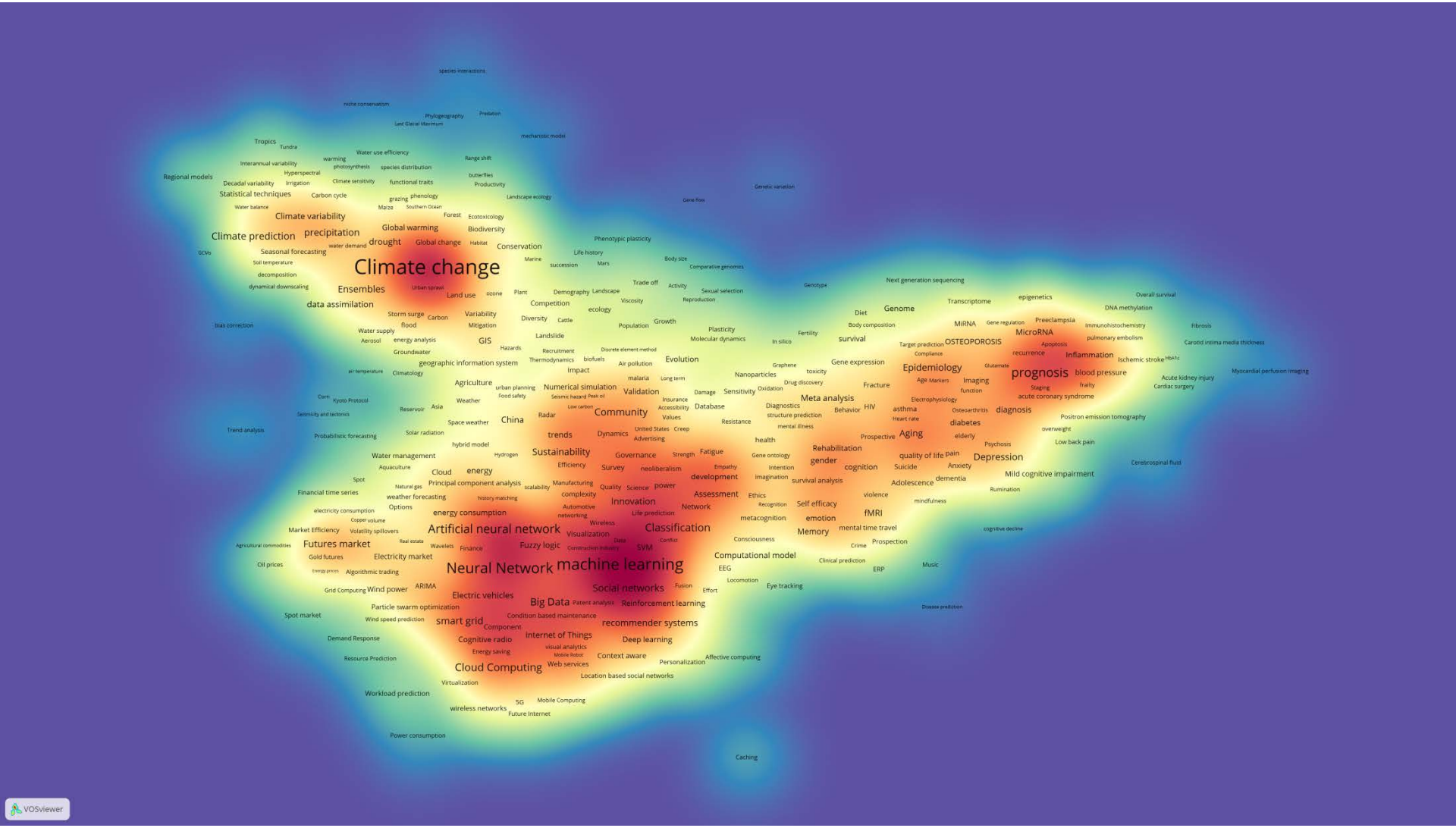
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (독일)



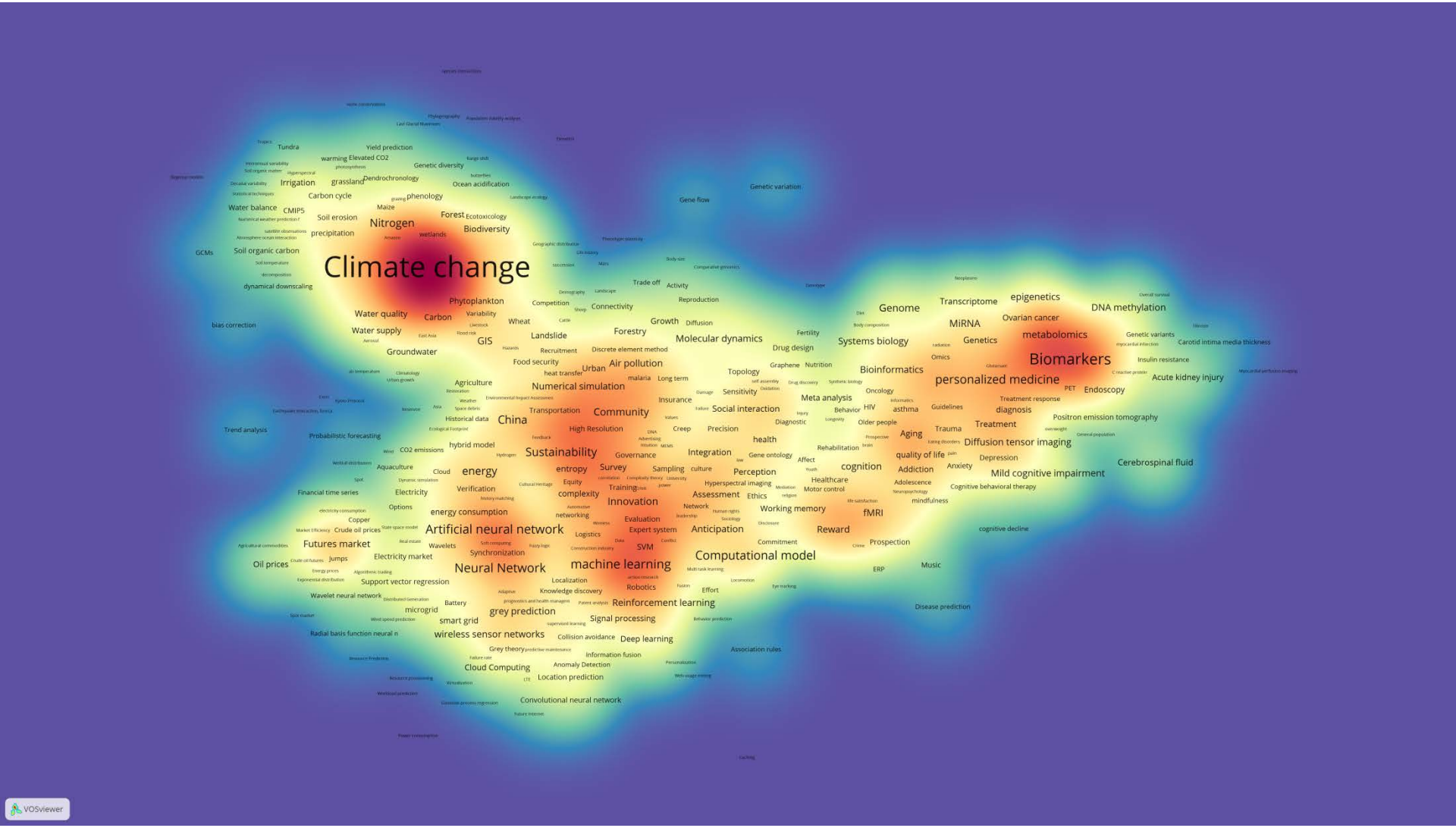
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (미국)



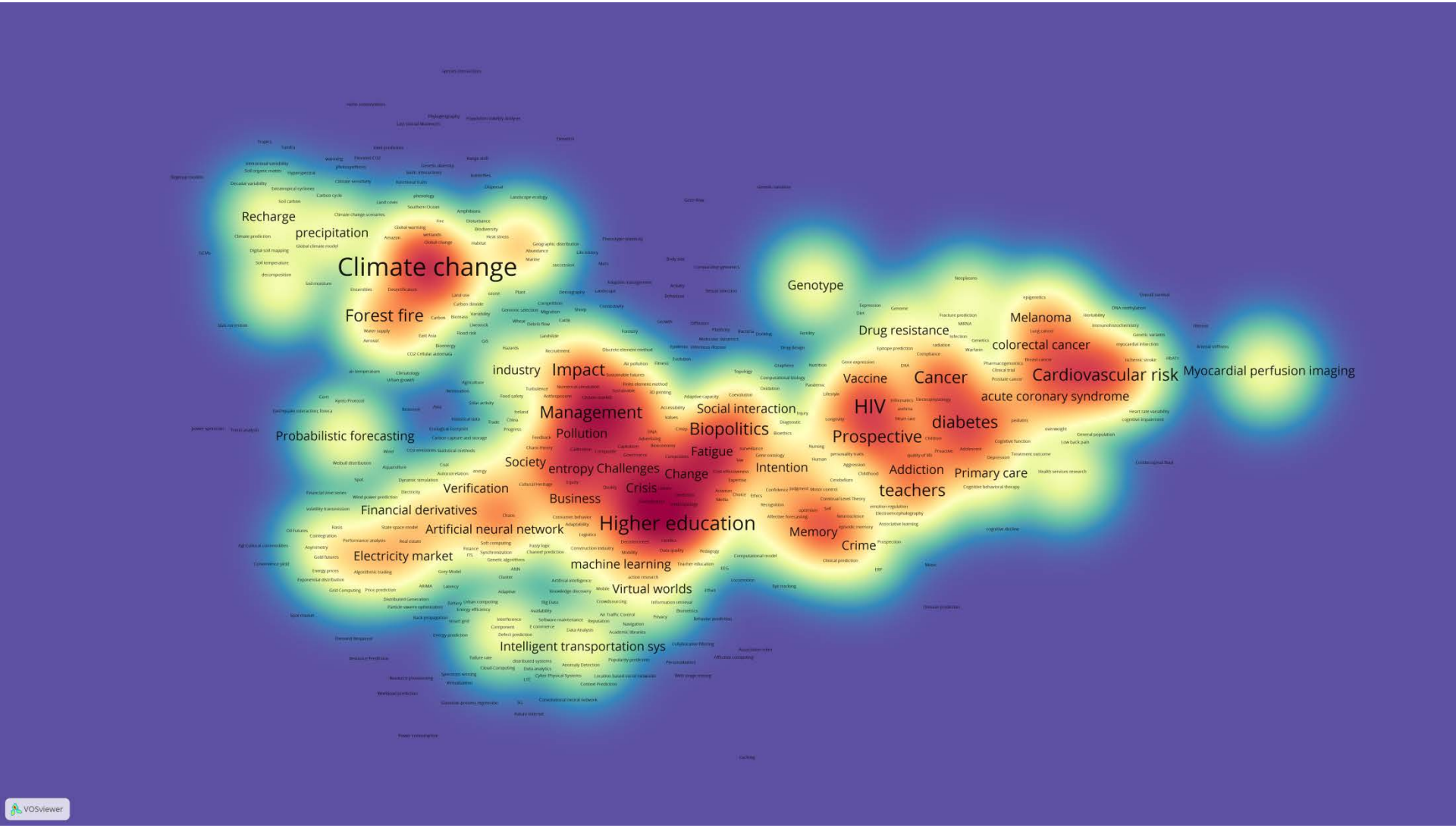
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (스위스)


Climate change
Biomarkers
Sustainability
Artificial neural network
Neural Network
machine learning
Computational model
Reinforcement learning
Nitrogen
Genome
Bioinformatics
personalized medicine
Systems biology
Molecular dynamics
Forestry
Air pollution
Numerical simulation
Community
China
energy
Innovation
Water quality
Carbon
Phytoplankton
Water supply
Groundwater
GIS
Landslide
Forest
Biodiversity
Irrigation
grassland
Carbon cycle
Soil erosion
precipitation
Soil organic carbon
dynamical downscaling
Futures market
Oil prices
Electricity market
Support vector regression
Wavelet neural network
microgrid
smart grid
grey prediction
wireless sensor networks
Cloud Computing
Convolutional neural network
Deep learning
Signal processing
Anomaly Detection
Location prediction
Collision avoidance
Information fusion
Grey theory
Association rules
Disease prediction
Cognitive behavioral therapy
Mild cognitive impairment
Cerebrospinal fluid
Diffusion tensor imaging
Positron emission tomography
Endoscopy
Acute kidney injury
Insulin resistance
Carotid intima media thickness
Genetic variants
metabolomics
Genetics
Ovarian cancer
MiRNA
DNA methylation
epigenetics
Transcriptome
Genetic variation
Gene flow
Trade off
Activity
Reproduction
Connectivity
Competition
Growth
Diffusion
Wheat
Variability
Agriculture
Transportation
Social interaction
Insurance
Sensitivity
Meta analysis
Oncology
HIV
asthma
Behavior
Older people
Diagnostic
Precision
Creep
High Resolution
heat transfer
Urban
malaria
Long term
Topology
Graphene
Nutrition
Drug design
Fertility
Omics
Treatment response
diagnosis
Guidelines
Treatment
Trauma
Aging
Depression
Anxiety
Addiction
cognition
quality of life
Rehabilitation
health
Integration
Gene ontology
Affect
Perception
Sampling
culture
Survey
entropy
Governance
Equity
Training
complexity
Assessment
Ethics
Hyperspectral imaging
Healthcare
Motor control
Adolescence
mindfulness
fMRI
Working memory
Reward
Prospection
Commitment
Anticipation
Expert system
SVM
Evaluation
Network
networking
Logistics
Robotics
Effort
Localization
Knowledge discovery
Synchronization
Wavelets
Crude oil prices
Copper
Jumps
Electricity
Options
energy consumption
Verification
Aquaculture
CO2 emissions
hybrid model
Probabilistic forecasting
Trend analysis
Historical data
Financial time series
Radial basis function neural n
Cognitive decline
Music
ERP
Prospection
Cloud
Dynamic simulation
Spot
Battery
Distributed Generation
Wind speed prediction
Spot market
Resource Prediction
Resource provisioning
Virtualization
Vertical prediction
Gaussian process regression
Future Internet
Power consumption
Caching
Web usage mining
Personalization
Failure rate
Predictive maintenance
Supervised learning
Behavior prediction
Patent analysis
Adaptive
Distributed Generation
Multi task learning
Eye tracking
Locomotion
Fusion
Data
Conflict
Construction industry
Fuzzy logic
Soft computing
Wireless
Leadership
Sociology
Human rights
Disclosure
Crime
Neuropsychology
Life satisfaction
Eating disorders
Overall survival
Neoplasms
Genotype
Phenotype-genotype
Comparative genomics
Body size
Life history
Geographic distribution
Succession
Mars
Demography
Landscape
Sheep
Cattle
Livestock
Flood risk
East Asia
Aerosol
Hazards
Recruitment
Discrete element method
Food security
Climatology
Urban growth
Restoration
Weather
Environmental Impact Assessment
Space debris
Reservoir
Asia
Kyoto Protocol
Earthquake reaction, forecast
Ecological Footprint
Feedback
Wind
Hydrogen
Vertical distribution
Spot
Cultural Heritage
Mediation
Youth
Values
Injury
Failure
Damage
Drug discovery
Synthetic biology
Informatics
Diet
Body composition
Radiation
Glutamate
Myocardial infarction
Myocardial perfusion imaging
C reactive protein
Overweight
General population
Eating disorders
Pain
Brain
Prospective
Hypertension
MEMS
Advertising
Adsorption
Law
Religion
Life satisfaction
Human rights
Leadership
Sociology
Disclosure
Crime
Neuropsychology
Multi task learning
Eye tracking
Locomotion
Fusion
Data
Conflict
Construction industry
Fuzzy logic
Soft computing
Wireless
Automotive
Network
Human rights
Social
Motor control
Mediation
Religion
Life satisfaction
Neuropsychology

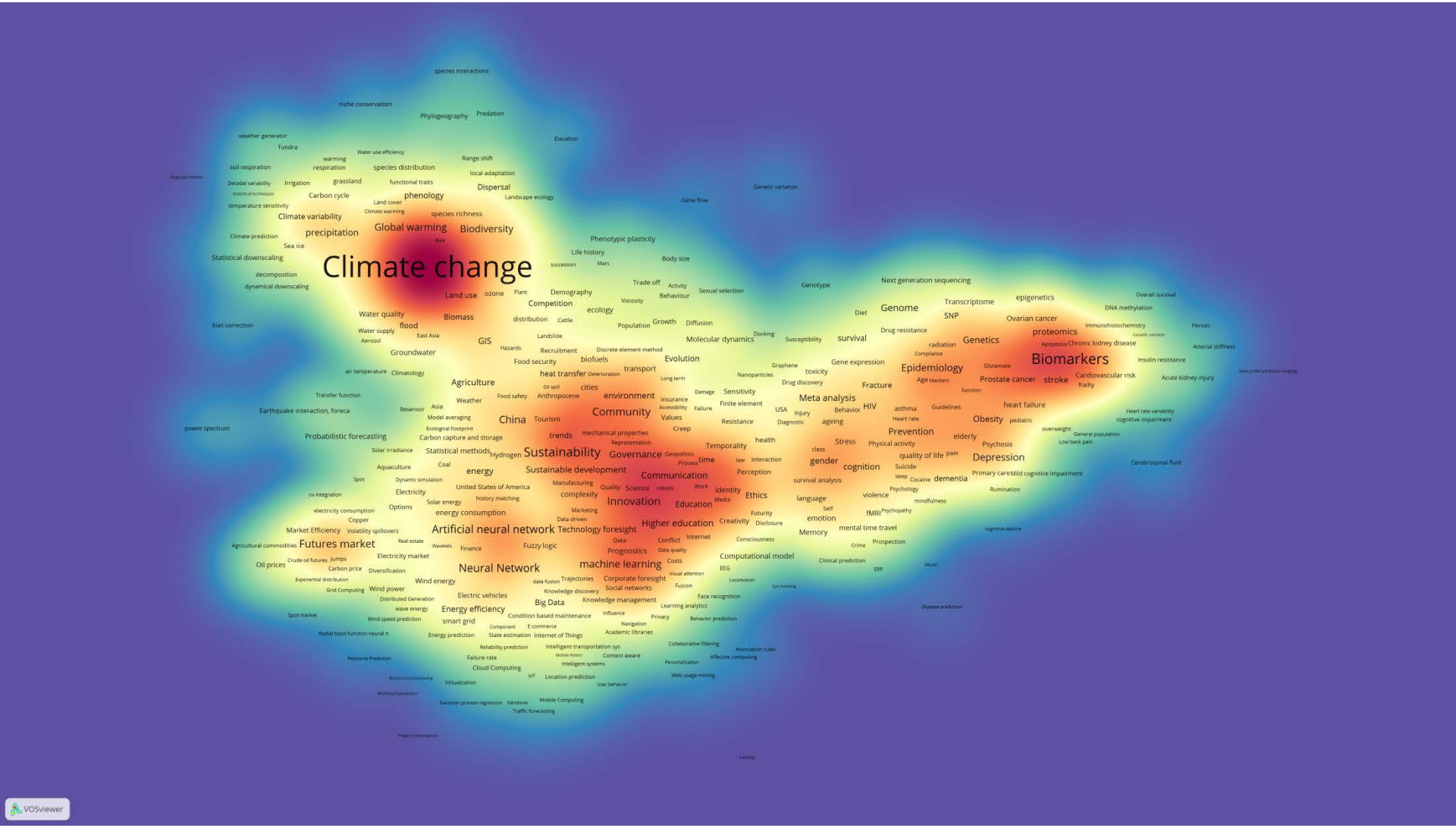
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (스페인)



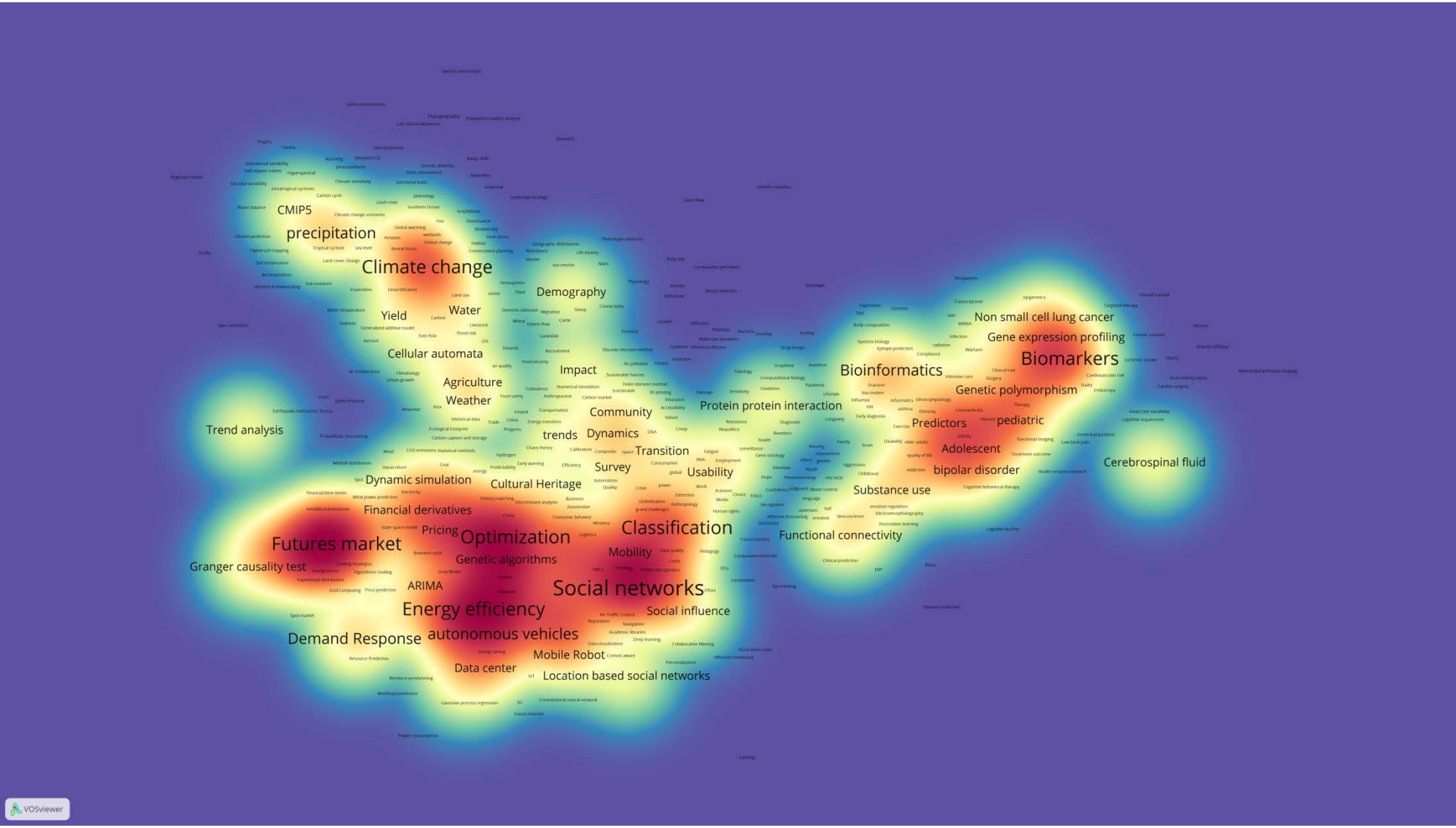
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (영국)


Climate change
Biomarkers
Sustainability
Artificial neural network
Futures market
Neural Network
machine learning
Global warming
Biodiversity
Genome
Epidemiology
Meta analysis
Community
Innovation
Governance
Communication
Higher education
Computational model
Big Data
Energy efficiency
Prevention
Depression
Obesity
Genetics
proteomics
Agriculture
China
Climate variability
precipitation
Statistical downscaling
Water quality
Groundwater
GIS
Biomass
Land use
Competition
Demography
Evolution
heat transfer
biofuels
Probabilistic forecasting
Futures market
Oil prices
Electricity
Wind energy
Electric vehicles
smart grid
Cloud Computing
Internet of Things
Machine learning
Genetics
Prostate cancer
stroke
heart failure
Alzheimer's disease
Parkinson's disease
Cognitive impairment
Mild cognitive impairment
Dementia

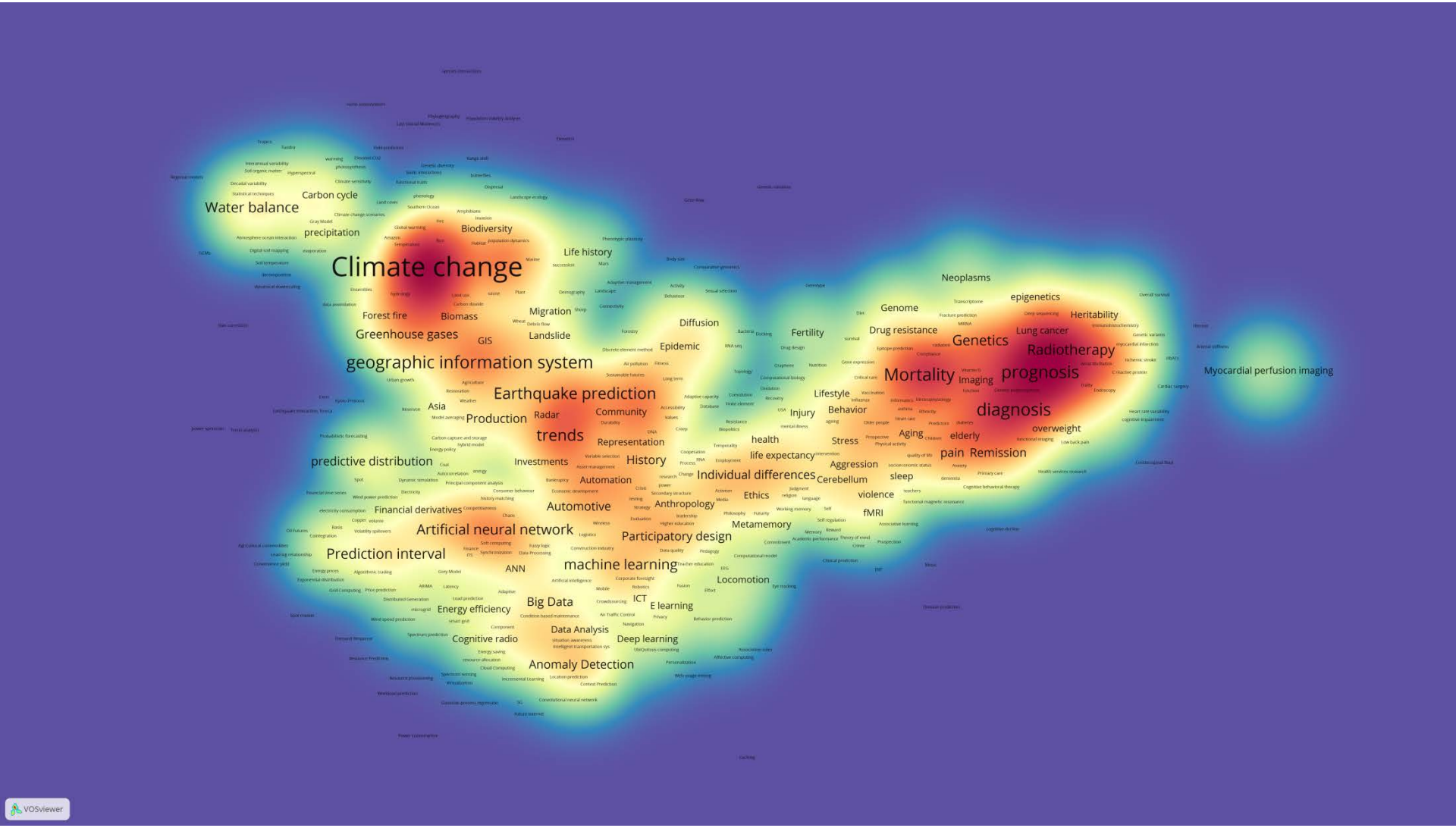
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (오스트리아)



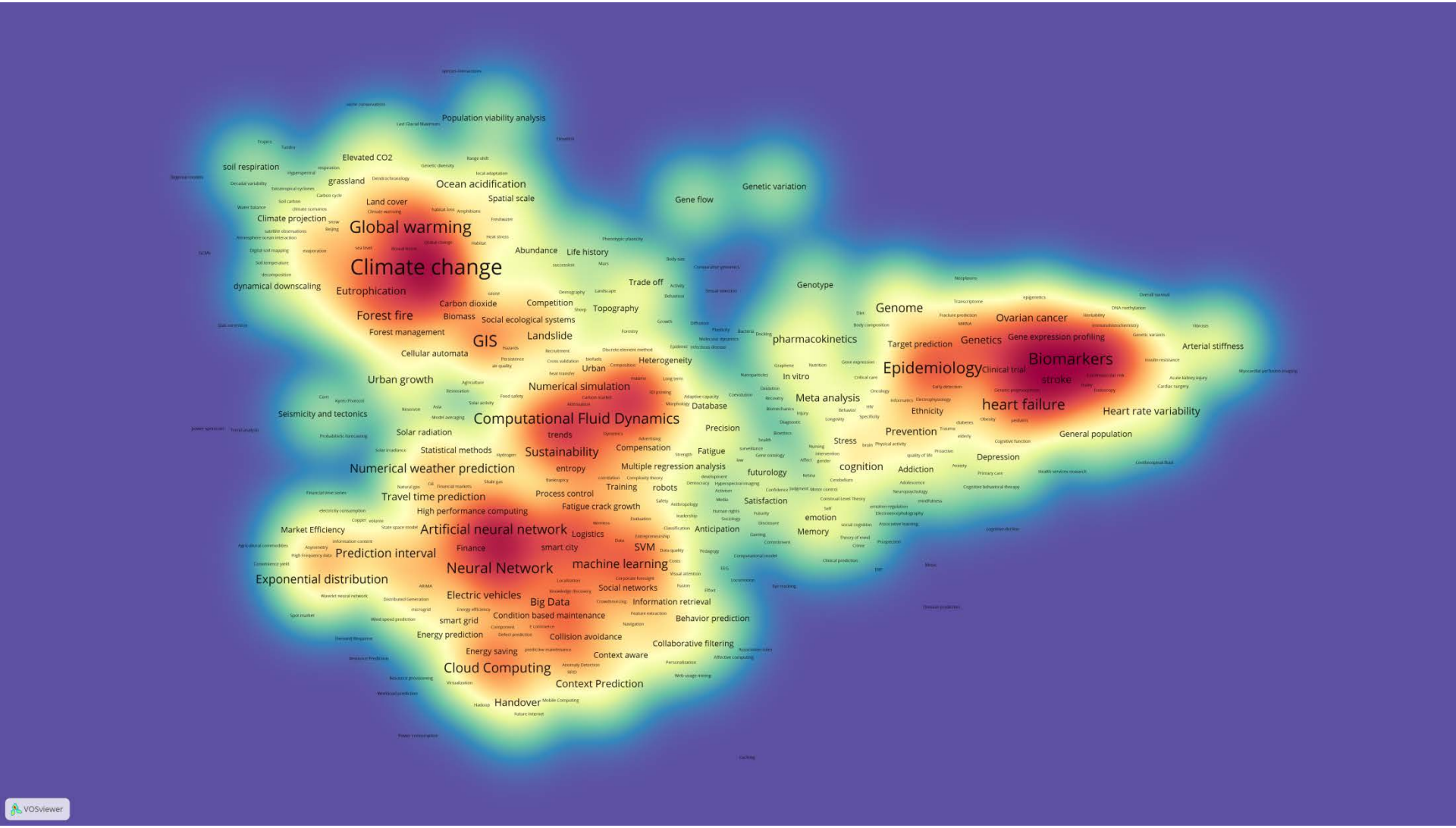
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (이탈리아)



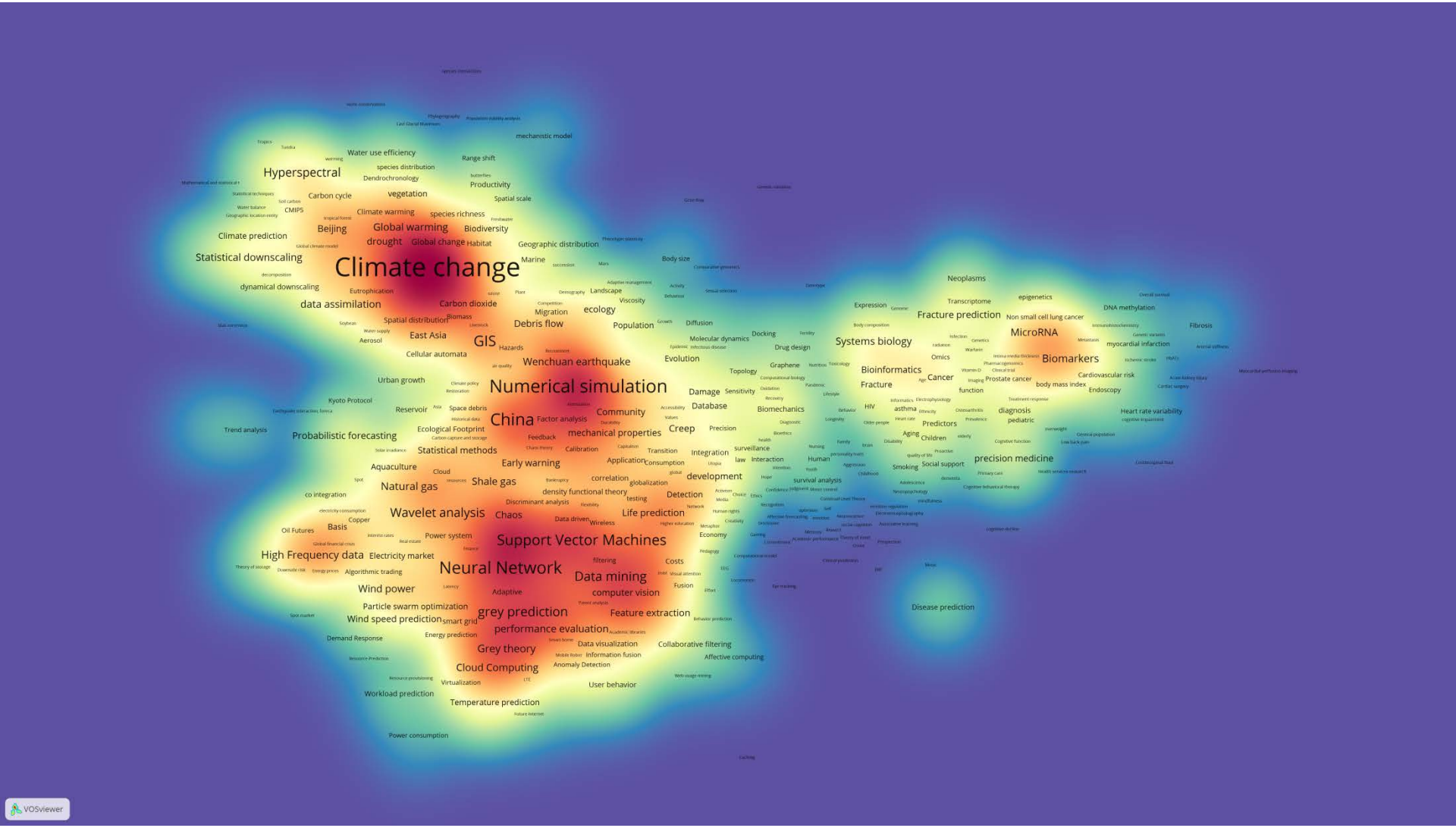
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (일본)



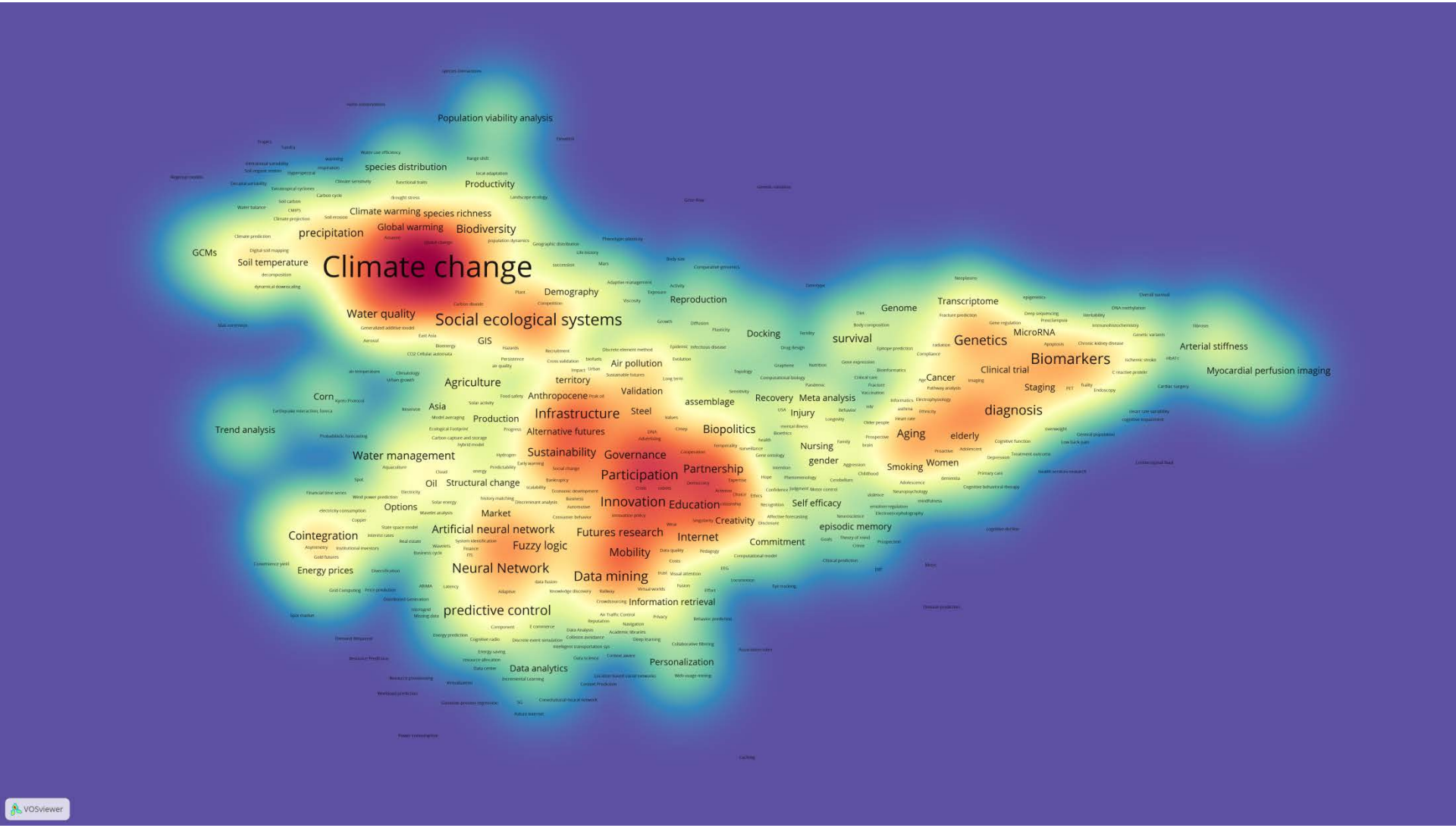
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (중국)


Climate change
Numerical simulation
Support Vector Machines
Neural Network
Data mining
GIS
China
Wenchuan earthquake
Hyperspectral
Wavelet analysis
grey prediction
Systems biology
Bioinformatics
MicroRNA
Biomarkers
precision medicine
Natural gas
Shale gas
Probabilistic forecasting
Statistical methods
Statistical downscaling
dynamical downscaling
data assimilation
Climate prediction
Global warming
Beijing
drought
Global change
Biodiversity
Carbon cycle
vegetation
Productivity
Water use efficiency
Range shift
Dendrochronology
species distribution
Spatial scale
Climate warming
species richness
Habitat
Geographic distribution
Marine
Carbon dioxide
Eutrophication
Landscape
Viscosity
ecology
Migration
Debris flow
Population
Diffusion
Molecular dynamics
Docking
Drug design
Evolution
Topology
Graphene
Damage
Sensitivity
Database
Biomechanics
Creep
Precision
mechanical properties
Community
Factor analysis
Feedback
Calibration
Transition
Integration
surveillance
Interaction
Human
Application
Consumption
Early warning
development
survival analysis
correlation
globalization
density functional theory
Detection
testing
Life prediction
Discriminant analysis
Chaos
Data driven
Wireless
Economy
Costs
filtering
Fusion
computer vision
Adaptive
Feature extraction
performance evaluation
Data visualization
Information fusion
Anomaly Detection
Collaborative filtering
Affective computing
Cloud Computing
Virtualization
User behavior
Grey theory
Temperature prediction
Workload prediction
Power consumption
Demand Response
Energy prediction
Wind speed prediction
smart grid
Particle swarm optimization
Wind power
Electricity market
Algorithmic trading
High Frequency data
Oil Futures
Basis
Copper
Power system
co integration
Aquaculture
Cloud
Trend analysis
Reservoir
Kyoto Protocol
Urban growth
Cellular automata
Aerosol
East Asia
Spatial distribution
Biomass
Soybean
Water supply
Space debris
Ecological Footprint
Carbon capture and storage
Solar irradiance
Chaos theory
Historical data
Disability
Values
Accessibility
Capitation
Utopia
Spot
Resources
Bankruptcy
Activism
Media
Choice
Ethics
Network
Human rights
Creativity
Metaphor
Mirroring
Awards
Academic performance
Theory of mind
Crime
Pedagogy
Computational model
Visual attention
Latency
Patent analysis
Spot market
Behavior prediction
Academic libraries
Smart home
Mobile Robot
Web usage mining
Resource provisioning
Resource Prediction
Future internet
Caching
Mars
Succession
Phenotypic plasticity
Global climate model
Decomposition
Water balance
Geographic location entity
Tropical forest
Freshwater
Soil carbon
Statistical techniques
Mathematical and statistical
Tundra
Tropics
Phylogeography
Translation stability analysis
Last Glacial Maximum
Species interactions
Habitat conservation
mechanistic model
Neoplasms
Transcriptome
epigenetics
DNA methylation
Fracture prediction
Non small cell lung cancer
Fibrosis
myocardial infarction
Expression
Genome
Body composition
Immunohistochemistry
Genetic variants
Metastasis
Genetics
Infection
Radiation
Warfare
Omics
Intima media thickness
Pharmacogenomics
Clinical trial
Vitamin D
Ischemic stroke
HbA1c
Cardiovascular risk
Acute kidney injury
Cardiac surgery
Myocardial perfusion imaging
Cancer
Prostate cancer
body mass index
Endoscopy
function
Fracture
Age
Imaging
Vitamin D
Electrophysiology
Treatment response
Informatics
HIV
asthma
Ethnicity
Osteoarthritis
Prevalence
diagnosis
pediatric
Heart rate variability
Cognitive impairment
Predictors
Aging
Children
Disability
Cognitive function
Low back pain
Overweight
General population
Quality of life
Proactive
Smoking
Social support
Primary care
Health services research
Cardiovascular risk
Adolescence
Dementia
Cognitive behavioral therapy
Neuropsychology
Mindfulness
Cognitive control theory
Emotion regulation
Electroencephalography
Associative learning
Cognitive decline
Disease prediction
Neural
Prospection
Clinical predictors
Meta
Eye-tracking
Fitness
Latent
Gaming
Financial crisis
Real estate
Interest rates
Electricity consumption
Global financial crisis
Theory of storage
Downside risk
Energy prices
Future
Cognitive
Cognitive ability
Cognitive impairment
Cognitive behavioral therapy
Cognitive function
Cognitive control
Cognitive decline

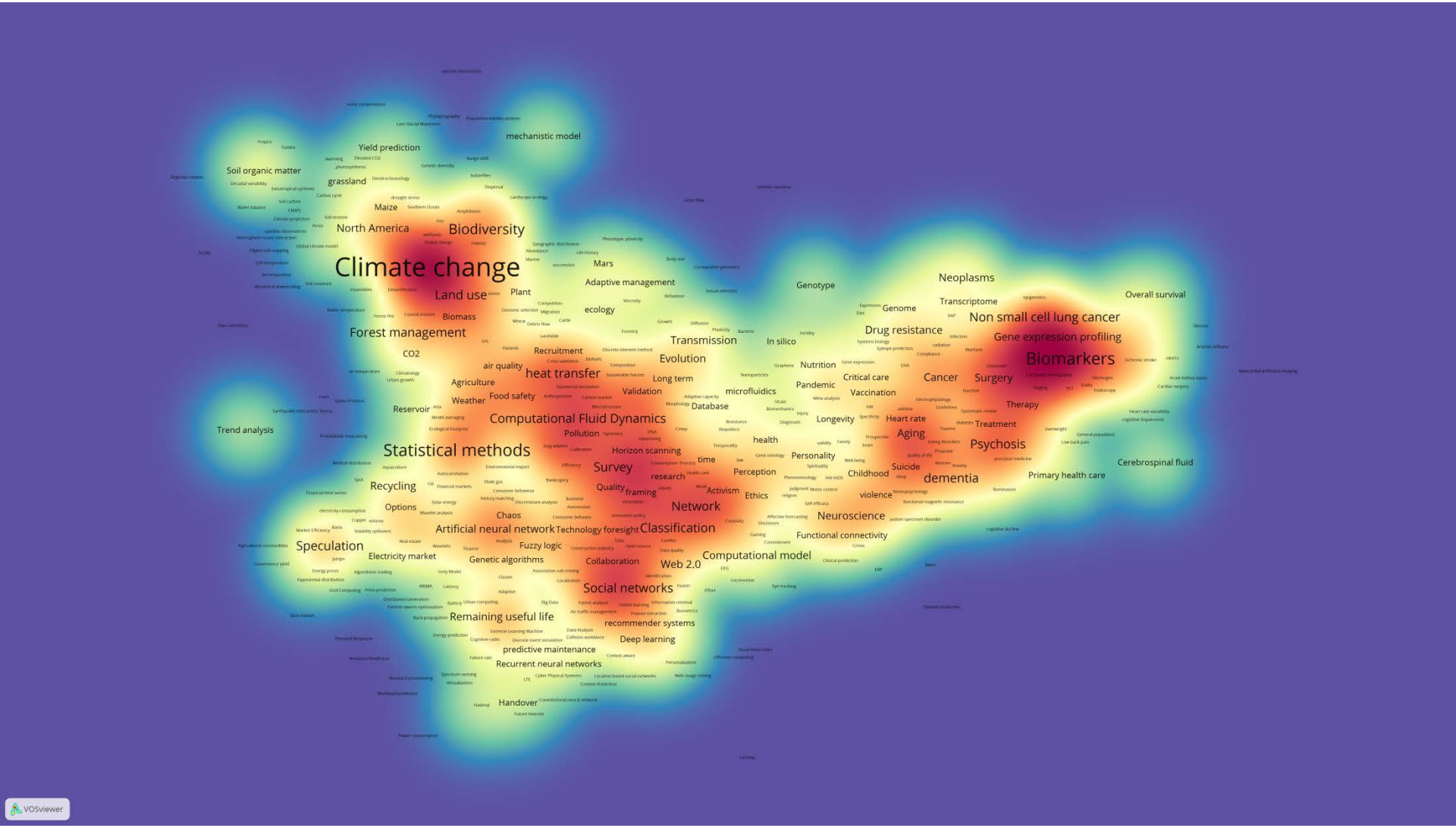
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (캐나다)



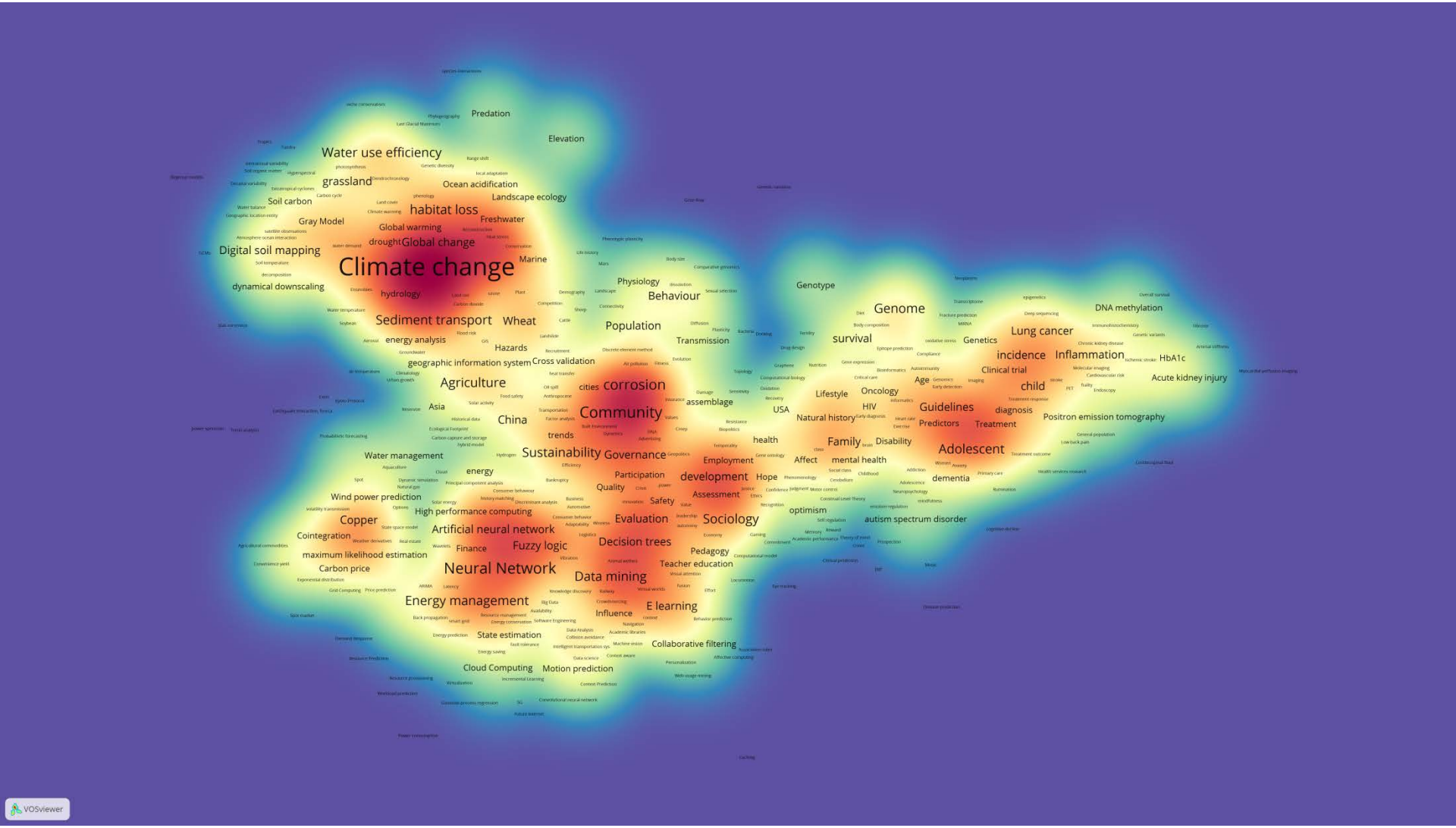
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (프랑스)



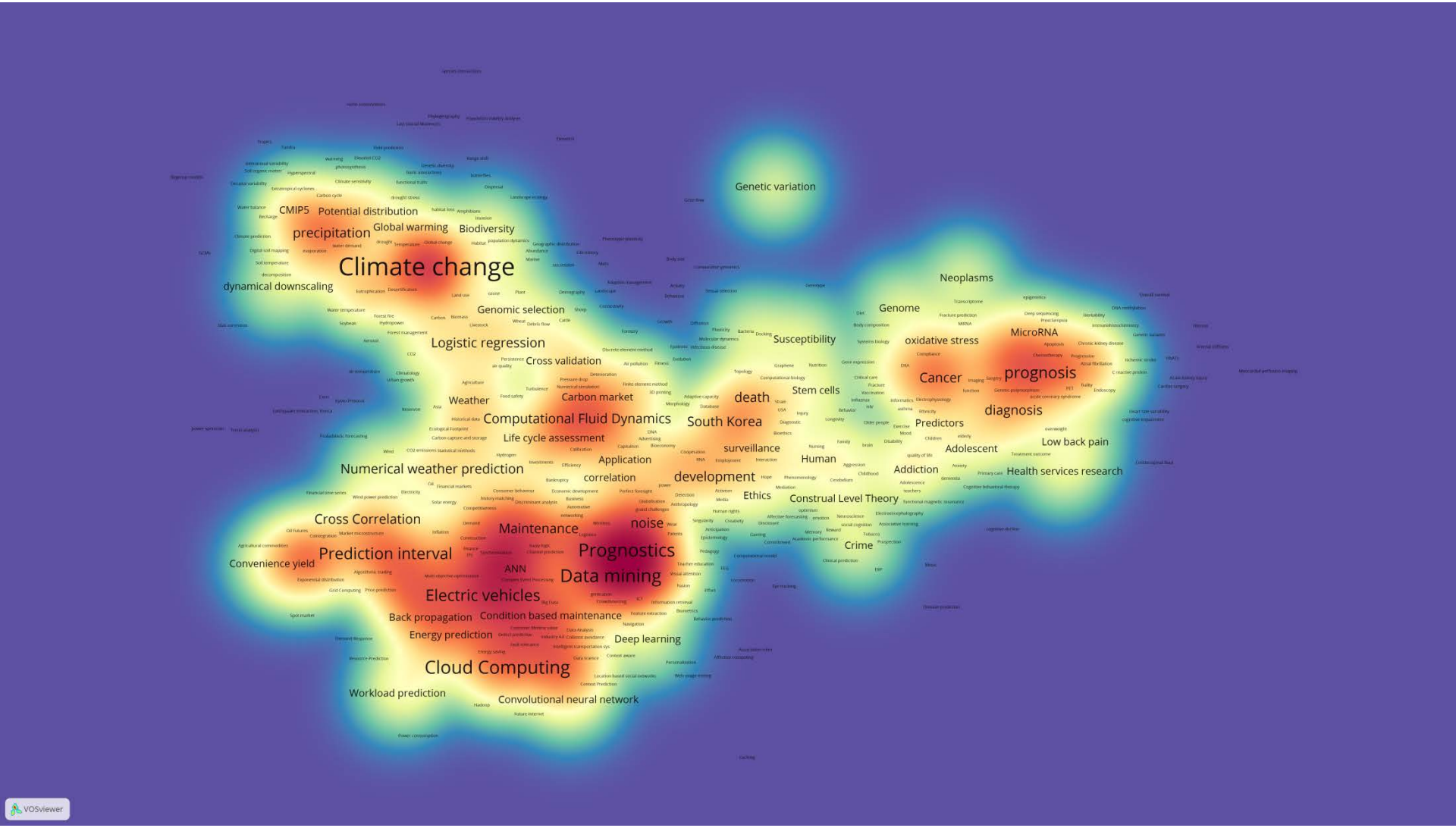
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (호주)



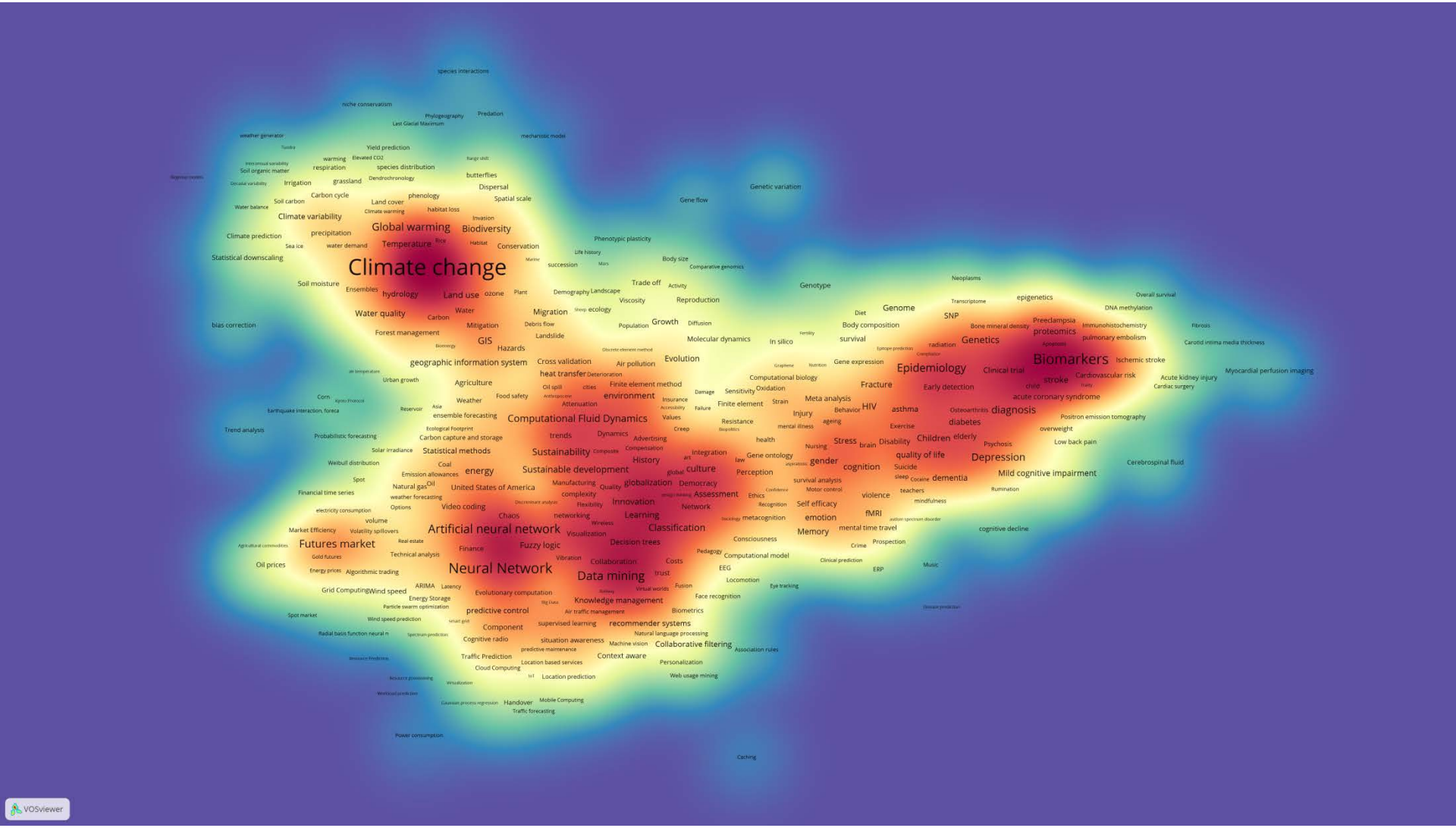
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (한국)



Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (2008~2009)


Climate change
Global warming
Biodiversity
Temperature
Climate variability
Climate prediction
Statistical downscaling
Soil moisture
Water quality
Land use
hydrology
Forest management
GIS
Hazards
geographic information system
Cross validation
Air pollution
Evolution
Agriculture
Computational Fluid Dynamics
Sustainability
Sustainable development
Statistical methods
energy
Artificial neural network
Futures market
Neural Network
Data mining
Classification
Learning
Genetics
Genome
Epidemiology
Biomarkers
diagnosis
Depression
Mild cognitive impairment
dementia
cognition
gender
culture
globalization
Assessment
Innovation
Network
Memory
emotion
fMRI
violence
Self efficacy
Stress
Children
diabetes
asthma
HIV
Fracture
stroke
proteomics
Genotype
Reproduction
Migration
Growth
Molecular dynamics
In silico
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Body composition
SNP
epigenetics
Preeclampsia
Immunohistochemistry
pulmonary embolism
Ischemic stroke
Cardiovascular risk
Acute kidney injury
Myocardial perfusion imaging
Cerebrospinal fluid
Positron emission tomography
overweight
Low back pain
quality of life
Suicide
elderly
Disability
brain
Meta analysis
acute coronary syndrome
Early detection
Clinical trial
Gene expression
Computational biology
Oxidation
Sensitivity
Finite element method
Finite element
environment
heat transfer
trends
Dynamics
Advertising
Integration
Gene ontology
History
Perception
Values
Resistance
health
Nursing
Psychosis
Cognitive decline
Consciousness
Computational model
Collaboration
Costs
trust
Evolutionary computation
Knowledge management
predictive control
Biometrics
supervised learning
recommender systems
Collaborative filtering
situation awareness
Context aware
Personalization
Web usage mining
Location prediction
Location based services
Cloud Computing
Traffic Prediction
Handover
Mobile Computing
Traffic forecasting
Power consumption
Caching
Decision trees
Fuzzy logic
Face recognition
Eye tracking
Locomotion
EEG
Pedagogy
Prospection
Crime
Clinical prediction
ERP
Music
Rumination
mindfulness
teachers
Motor control
survival analysis
Confidence
Ethics
Recognition
Discriminant analysis
Flexibility
Wireless
Visualization
Vibration
Finance
Technical analysis
Real estate
Volatility spillovers
Market Efficiency
Agricultural commodities
Gold futures
Energy prices
Algorithmic trading
Oil prices
Grid Computing
Wind speed
Energy Storage
Particle swarm optimization
Wind speed prediction
Spot market
Radial basis function neural n
Spectrum prediction
Cognitive radio
Component
predictive maintenance
Association rules
Machine vision
Natural language processing
Resource Prediction
Resource provisioning
Virtualization
Vertical prediction
Gaussian process regression
IoT
Virtual worlds
Fusion
Big Data
Smart grid
Air traffic management
Spectrum prediction
Tissue prediction
Carbon capture and storage
Solar irradiance
Weibull distribution
Coal
Emission allowances
Natural gas
Oil
United States of America
Financial time series
weather forecasting
Video coding
Options
electricity consumption
volume
Chaos
networking
Wireless
Manufacturing
Quality
complexity
Discriminant analysis
Flexibility
Democracy
Assessment
Network
metacognition
Consciousness
Crime
Prospection
Pedagogy
Computational model
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Rumination
mindfulness
teachers
Motor control
survival analysis
Confidence
Ethics
Recognition
Self efficacy
violence
fMRI
autism spectrum disorder
mental time travel
cognitive decline
Memory
emotion
metacognition
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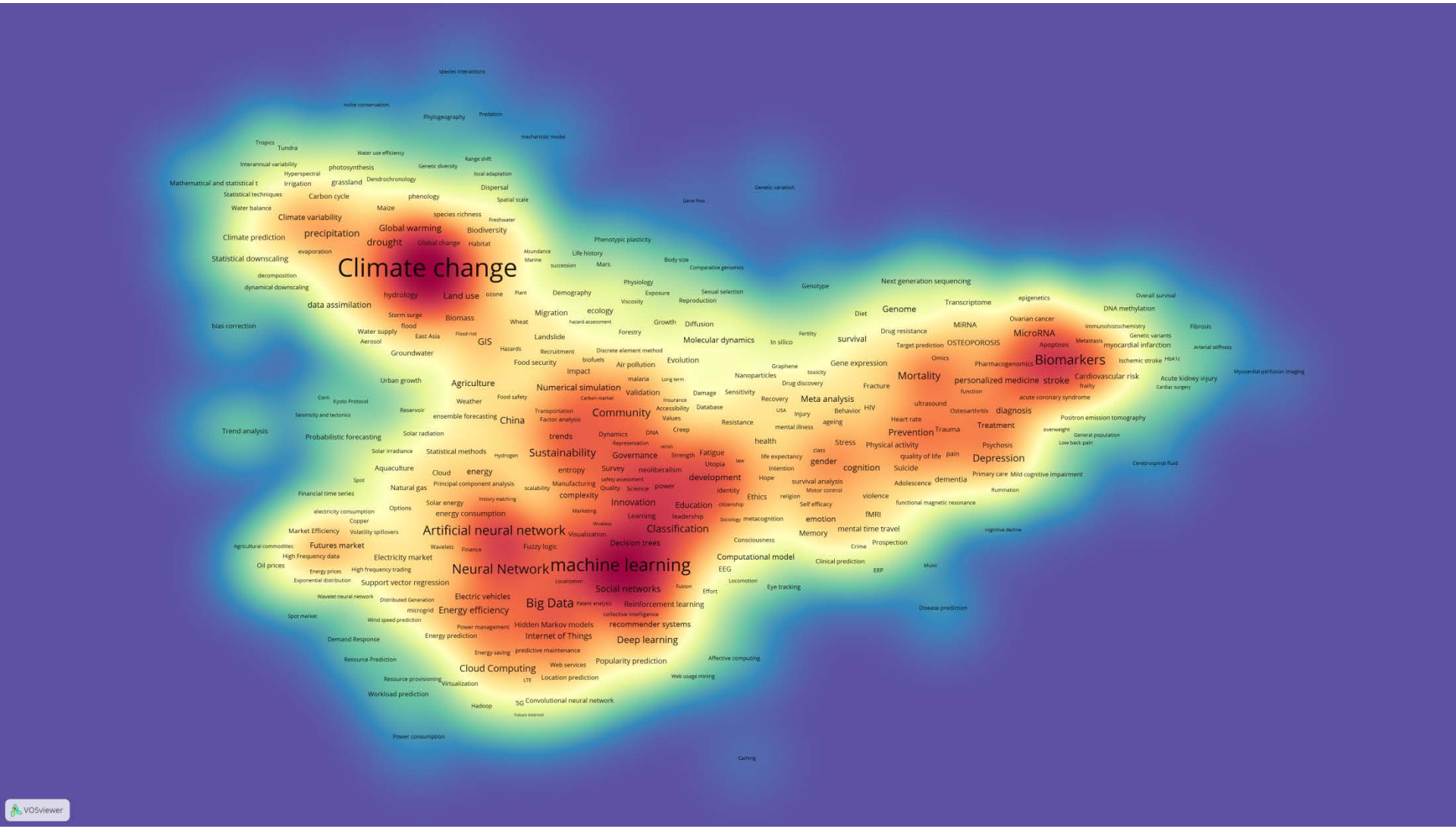
Decision trees
Fuzzy logic
Face recognition
Eye tracking
Locomotion
EEG
Pedagogy
Prospection
Crime

Overlay Mapping 분석 (3차 분석)

- 저자키워드: 밀도맵 (2016~2017)


Climate change
Artificial neural network
Neural Network
machine learning
Sustainability
Community
Big Data
Biomarkers
Mortality
Genome
Depression
Climate variability
precipitation
drought
Global warming
Biodiversity
Land use
GIS
Agriculture
China
Energy efficiency
Cloud Computing
Deep learning
Classification
Social networks
Reinforcement learning
recommender systems
Internet of Things
Hidden Markov models
Electric vehicles
Support vector regression
Computational model
Meta analysis
Prevention
Treatment
diagnosis
MicroRNA
Cognition
Suicide
Stress
Physical activity
Psychosis
Dementia
Ethics
Innovation
Education
Governance
Fatigue
Development
Neoliberalism
Survey
Entropy
Energy
Natural gas
Solar energy
Energy consumption
Futures market
Electricity market
Oil prices
Probabilistic forecasting
Trend analysis
Urban growth
Data assimilation
Statistical methods
Statistical downscaling
Climate prediction
Carbon cycle
Phenology
Dispersal
Biomass
Groundwater
Landslide
Food security
Impact
Air pollution
Evolution
Molecular dynamics
Diffusion
Growth
Migration
Ecology
Demography
Hydrology
Water supply
Flood
Storm surge
Weather
Reservoir
Ensemble forecasting
Solar radiation
Solar irradiance
Aquaculture
Cloud
Principal component analysis
Financial time series
Electricity consumption
Copper
Volatility spillovers
Market Efficiency
Agricultural commodities
High Frequency data
Energy prices
High frequency trading
Exponential distribution
Wavelet neural network
Distributed Generation
Microgrid
Wind speed prediction
Spot market
Demand Response
Resource Prediction
Resource provisioning
Virtualization
Workload prediction
Hadoop
5G
Convolutional neural network
Future internet
Power consumption
Caching
Location prediction
Web services
Popularity prediction
Affective computing
Web usage mining
Power management
Energy prediction
Energy saving
predictive maintenance
Decision trees
Fuzzy logic
Visualization
Wireless
Learning
Marketing
Leadership
Citizenship
Sociology
Metacognition
Self efficacy
Religion
Motor control
Violence
Functional magnetic resonance
Emotion
fMRI
Mental time travel
Memory
Consciousness
Crime
Prospection
Clinical prediction
EEG
ERP
Locomotion
Eye tracking
Effort
Fusion
Localization
Disease prediction
Cerebrospinal fluid
Cognitive decline
Music
Rumination
Primary care
Mild cognitive impairment
Overweight
General population
Low back pain
Positron emission tomography
Heart rate
Ultrasound
Osteoarthritis
Acute coronary syndrome
Function
Cardiac surgery
Frailty
Acute kidney injury
Myocardial perfusion imaging
Cardiovascular risk
Stroke
Personalized medicine
Ischemic stroke
Pharmacogenomics
Omics
Target prediction
Drug resistance
Survival
Apoptosis
Metastasis
Myocardial infarction
Osteoporosis
Arterial stiffness
Fibrosis
Immunohistochemistry
Genetic variants
Ovarian cancer
MiRNA
DNA methylation
Transcriptome
Epigenetics
Overall survival
Next generation sequencing
Genotype
Diet
Fertility
In silico
Gene expression
Graphene
Toxicity
Nanoparticles
Drug discovery
Fracture
Recovery
Sensitivity
Damage
Insurance
Accessibility
Database
Values
Resistance
Mental illness
Ageing
Behavior
Injury
USA
HIV
Sexual selection
Reproduction
Exposure
Viscosity
Physiology
Plant
Ozone
Wheat
Hazard assessment
Forestry
Discrete element method
Recruitment
Hazards
Biofuels
Malaria
Long term
Numerical simulation
Validation
Carbon market
Transportation
Factor analysis
Creep
Dynamics
DNA
Representation
MRMS
Hydrogen
Life expectancy
Class
Law
Utopia
Intention
Hope
Survival analysis
Identity
Manufacturing
Safety assessment
Quality
Science
Power
Scalability
Complexity
Marketing
Wireless
Visualization
Finance
Wavelets
Localization
Effort
Fusion
Patent analysis
Collective intelligence
Web services
Location prediction
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Popularity prediction
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Affective computing
Recommender systems
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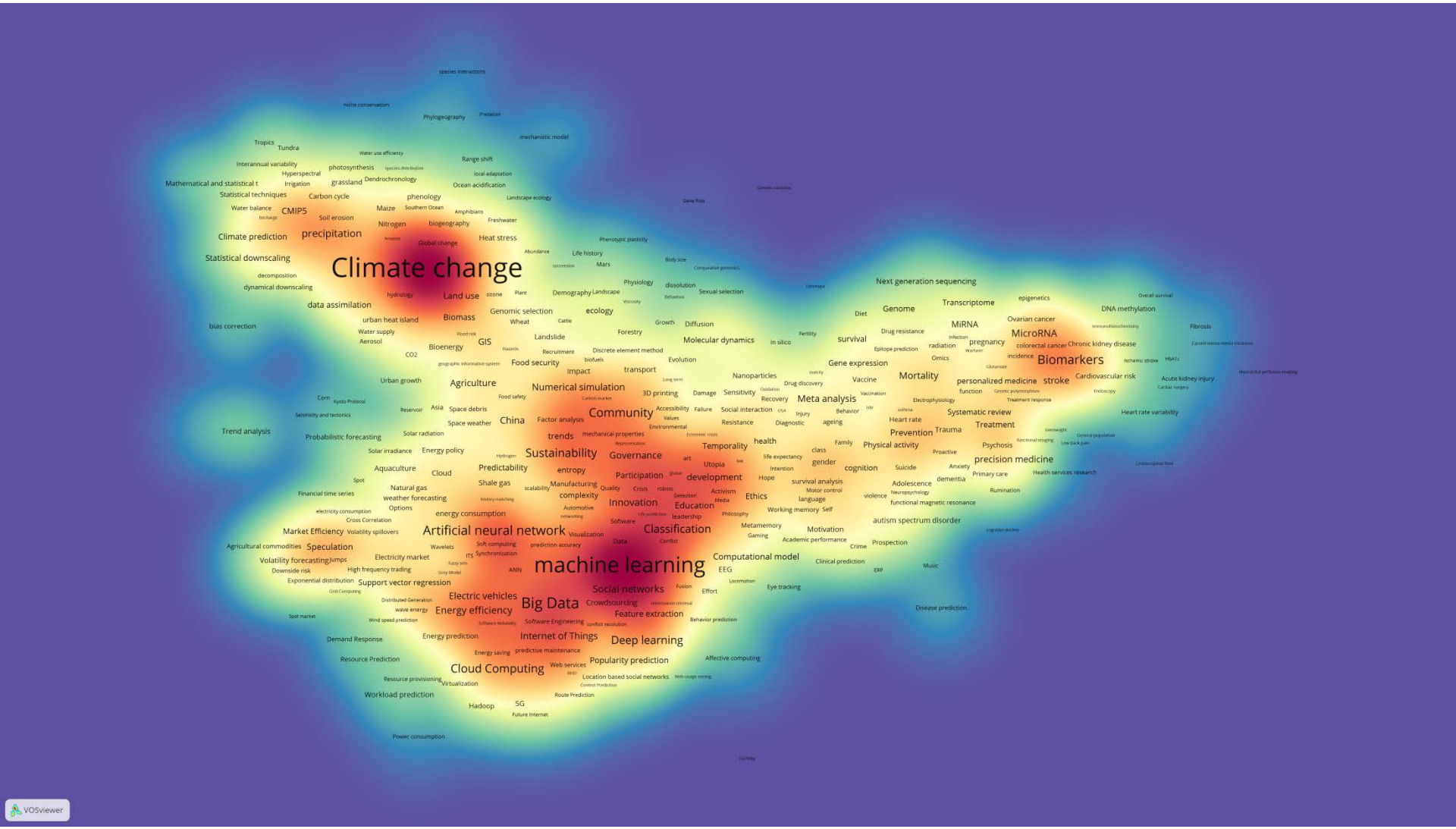
Social networks
Deep learning
Internet of Things
Hidden Markov models
Power management
Energy prediction
Wind speed prediction
Microgrid
Distributed Generation
Wavelet neural network
Spot market
Support vector regression
Electric vehicles
Electricity market
Futures

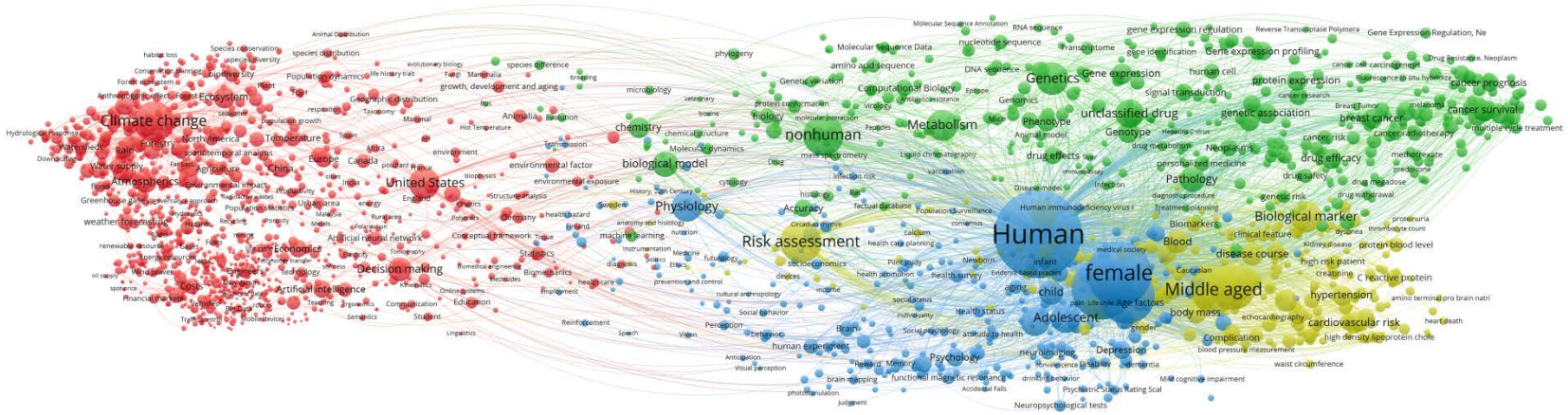
Overlay Mapping 분석 (3차 분석)

- 저자키워드: 네트워크맵 (증가율)


Climate change
machine learning
Artificial neural network
Big Data
Biomarkers
Community
Sustainability
Governance
Classification
Deep learning
Cloud Computing
Internet of Things
Social networks
Energy efficiency
Electric vehicles
Support vector regression
Computational model
Meta analysis
Genome
MicroRNA
Mortality
Agriculture
Numerical simulation
Land use
Biomass
Genomic selection
ecology
precipitation
Climate prediction
Statistical downscaling
data assimilation
Carbon cycle
CMIP5
Nitrogen
biogeography
Heat stress
Food security
China
GIS
Bioenergy
Landslide
Molecular dynamics
Diffusion
Forestry
Transcriptome
Next generation sequencing
epigenetics
DNA methylation
Ovarian cancer
MiRNA
pregnancy
colorectal cancer
Chronic kidney disease
stroke
Cardiovascular risk
personalized medicine
Systematic review
Treatment
Prevention
Trauma
Physical activity
Psychosis
precision medicine
Heart rate variability
Heart rate
Gene expression
Vaccine
Nanoparticles
Sensitivity
Recovery
Diagnostic
Social interaction
Resistance
Failure
Accessibility
3D printing
Damage
Drug discovery
Oxidation
Toxicity
Health services research
Primary care
Rumination
Dementia
Adolescence
Suicide
Anxiety
Proactive
Functional magnetic resonance
Neuropsychology
Motor control
Survival analysis
Hope
Intention
Life expectancy
Gender
Cognition
Family
Class
Temporality
health
Utopia
Art
Law
Development
Participation
Global
Activism
Media
Ethics
Language
Violence
Working memory
Self
Philosophy
Leadership
Education
Innovation
Software
Data
Conflict
Metamemory
Gaming
Academic performance
Motivation
Crime
Prospection
Autism spectrum disorder
Cognitive decline
Clinical prediction
ERP
Music
EEG
Locomotion
Effort
Eye tracking
Fusion
Crowdsourcing
Information retrieval
Feature extraction
Behavior prediction
Disease prediction
Software Engineering
Conflict resolution
Software reliability
Wind speed prediction
Wind energy
Distributed Generation
Grid Computing
Spot market
Energy prediction
Energy saving
Predictive maintenance
Demand Response
Resource Prediction
Popularity prediction
Affective computing
Web services
SaaS
Location based social networks
Web usage mining
Context Prediction
Resource provisioning
Virtualization
Workload prediction
Route Prediction
Hadoop
5G
Future Internet
Power consumption
Caching
Grey Model
Fuzzy sets
Synchronization
ITS
Soft computing
Wavelets
Electricity market
High frequency trading
Exponential distribution
Downside risk
Volatility forecasting
Jumps
Speculation
Agricultural commodities
Market Efficiency
Volatility spillovers
Cross Correlation
Options
electricity consumption
energy consumption
Weather forecasting
Natural gas
Financial time series
Spot
Shale gas
Cloud
Aquaculture
Predictability
entropy
Manufacturing
Scalability
Quality
Crisis
Robots
complexity
Automotive
Networking
Life prediction
History matching
Visualization
Prediction accuracy
ANN
Trend analysis
Probabilistic forecasting
Solar radiation
Solar irradiance
Energy policy
Hydrogen
trends
mechanical properties
Representation
Economic crisis
Environmental
Values
Reservoir
Asia
Space debris
Space weather
Seismicity and tectonics
Kyoto Protocol
Corn
Urban growth
Water supply
Aerosol
urban heat island
Bias correction
Dynamical downscaling
Decomposition
Hydrology
Land use
Ozone
Plant
Demography
Landscape
Viscosity
Behaviour
Sexual selection
Dissolution
Physiology
Life history
Abundance
Succession
Mars
Global change
Amazon
Heat stress
Phenotypic plasticity
Freshwater
Amphibians
Southern Ocean
Phenology
Maize
Soil erosion
Water balance
Recharge
Irrigation
Grassland
Dendrochronology
Photosynthesis
Species distribution
Hyperspectral
Interannual variability
Tropics
Tundra
Water use efficiency
Mathematical and statistical t
Statistical techniques
Ocean acidification
local adaptation
Range shift
Landscape ecology
Gene flow
Mechanistic model
Phylogeography
Predation
Niche conservatism
Species interactions
Body size
Comparative genomics
Genome-wide association
Fertility
In silico
Drug resistance
Infection
Warfare
Epitope prediction
Radiation
Diet
Omics
Glutamate
Incidence
Ischemic stroke
HbA1c
Fibrosis
Immunohistochemistry
Overall survival
Myocardial perfusion imaging
Cardiac surgery
Endoscopy
Genetic polymorphism
Electrophysiology
Treatment response
Asthma
HIV
Vaccination
Injury
USA
Behavior
Ageing
Values
Economic crisis
Representation
Low back pain
General population
Overweight
Functional imaging
Proactive
Primary care
Anxiety
Cognitive decline
Cognitive dissonance
Neuropsychology
Motor control
Violence
Language
Media
Self
Working memory
Academic performance
Crime
Clinical prediction
Music
Eye tracking
Disease prediction
Behavior prediction
Conflict resolution
Software reliability
Software Engineering
Information retrieval
Fusion
Locomotion
Effort

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (글로벌)


Climate change
Ecosystem
Atmospheric
United States
Temperature
Europe
China
Canada
Decision making
Artificial intelligence
Economics
Costs
Education
chemistry
biological model
Physiology
nonhuman
Risk assessment
Accuracy
Metabolism
Computational Biology
Genetics
Gene expression
Human
female
Middle aged
Adolescent
child
Brain
Psychology
Depression
unclassified drug
Genotype
Phenotype
drug effects
Pathology
Biomarkers
Biological marker
Blood
disease course
cardiovascular risk
hypertension
body mass
protein expression
cancer prognosis
cancer survival
breast cancer
genetic association
drug efficacy
Neoplasms
Gene expression profiling
nucleotide sequence
amino acid sequence
DNA sequence
Signal transduction
human cell
Genomics
Molecular Sequence Data
RNA sequence
Transcriptome
gene expression regulation
Gene Expression Regulation, Ne
Drug Resistance, Neoplasm
Complication
blood pressure measurement
waist circumference
high density lipoprotein chole
heart disease
protein-blood level
C reactive protein
creatinine
high risk patient
proteinuria
thrombocyte count
dyspnea
clinical feature
medical society
Caucasian
Age factors
gender
Health status
Social behavior
Perception
human experiments
brain mapping
functional magnetic resonance
Mild cognitive impairment
Neuropsychological tests
Psychiatric Status Rating Scal
Accidental falls
drinking behavior
Reward
Memory
Anticipation
Visual perception
photostimulation
judgment
Speech
Vision
Reinforcement
Linguistics
Communication
Students
Semantics
Mobile devices
Employment
health care
Biomechanics
Statistics
Conceptual framework
Tissue
Polymers
Polarization
Rural areas
Urban areas
Population growth
Population dynamics
Geographic distribution
Taxonomy
Mammals
Animal Distribution
species distribution
species diversity
species conservation
habitat loss
Conservation planning
Forest ecosystem
Anthropogenic effect
Forest
Plant
Tree
Seasonal
Hydrological processes
Water supply
Rain
Forestry
North America
Agriculture
Greenhouse gas
Pollution
Urban area
weather forecasting
Water
Climate
Rural area
Population
Poverty
Malaysia
Polar climate
Artificial neural network
Tropical climate
Tropical forest
Ecology
Forest
Biomass
Wind power
Solar power
Renewable resource
Energy resource
Fossil fuel
Oil spill
Spatial
Financial market
Trade
Mobile devices
Students
Education
Organics
Reading
Communication
Kinetics
Electrodes
Biomedical engineering
Biomechanics
Medicine
Instrumentation
Ethics
Diagnosis
Future study
Medical society
Health care planning
Health promotion
Health survey
Pilot study
Newborn
Infant
Evidence-based medicine
Aging
Health status
Social behavior
Behavior
Neuroimaging
Dementia
Disability
Neuroscience
Mental disorders
Drug
Mass spectrometry
Liquid chromatography
Infection risk
Vaccination
Bar
Factual database
Population surveillance
Human immunodeficiency virus
Treatment planning
Diagnosis procedure
Disease models
Infection
Immunology
Personalized medicine
Drug metabolism
Animal model
Mammalian virus
Genetic risk
drug withdrawal
drug megadose
drug safety
prednisone
methotrexate
Cancer radiotherapy
cancer risk
multiple cycle treatment
Breast Tumor
Metastasis
Cancer research
Signal transduction
Genetic association
Protein expression
Gene expression
Genetics
Genomics
Phenotype
Genotype
Drug metabolism
Neoplasms
Pathology
Biomarkers
Blood
Clinical feature
Kidney disease
Creatinine
Caucasian
Complication
Blood pressure measurement
Waist circumference
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Psychiatric Status Rating Scal
Neuropsychological tests
Accidental falls
Drinking behavior
Dementia
Neuroscience
Disability
Neuroimaging
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Newborn
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Semantics
Linguistics
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Speech
Vision
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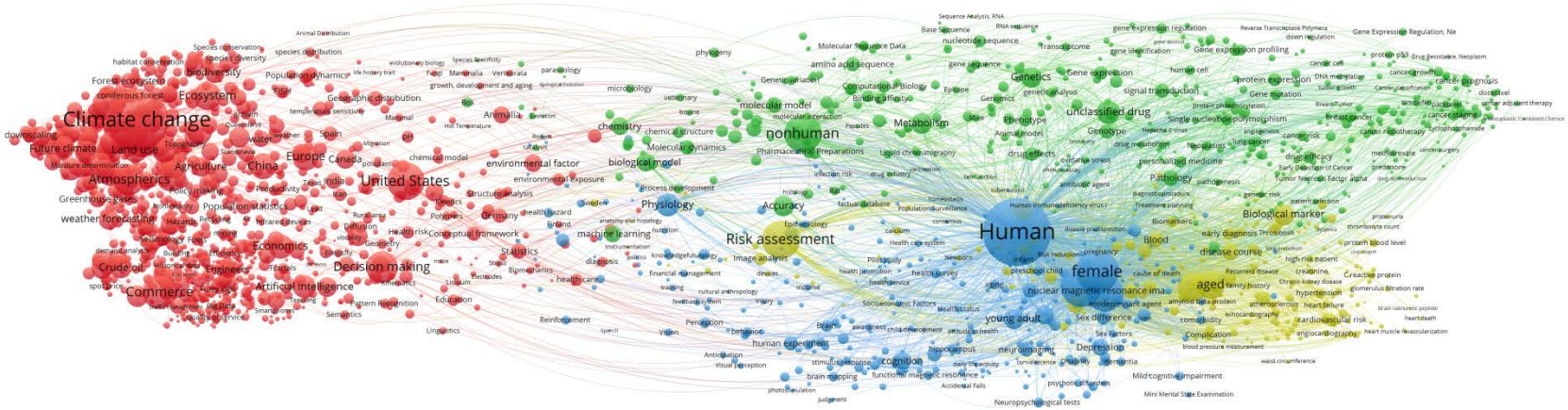
Visual perception
Reward
Memory
Brain
Psychology
human experiments
Perception
Social behavior
Health status
Social psychology
Attitude to health
Gender
Age factors
Caucasian
Medical society
Clinical feature
Kidney disease
Creatinine
Blood pressure measurement
Waist circumference
Mild cognitive impairment
Neuropsychological tests
Psychiatric Status Rating Scal

Overlay Mapping 분석 (3차 분석)

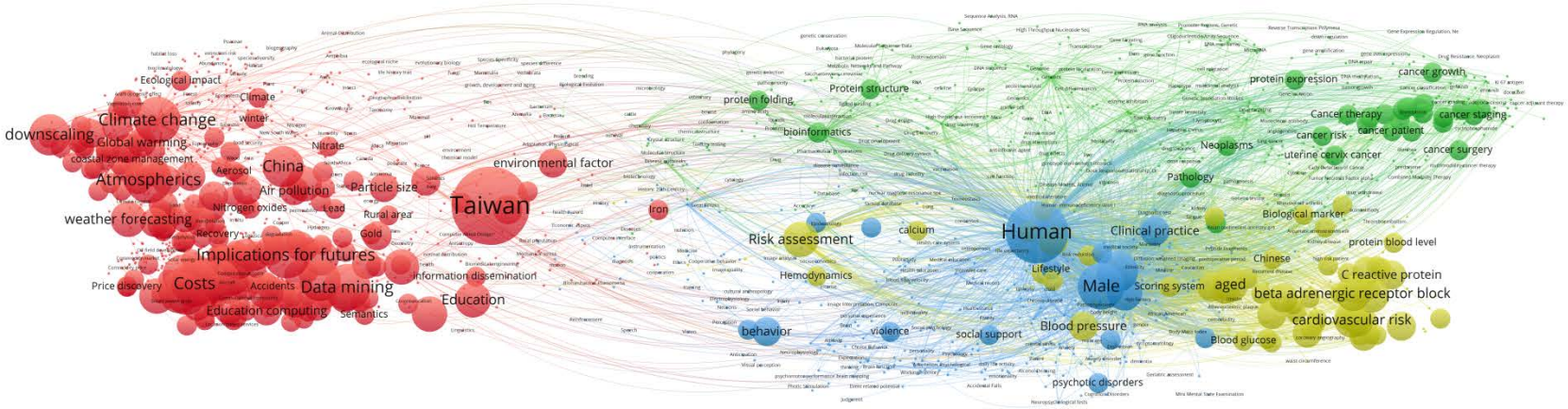
- 인덱스키워드: 네트워크맵 (네덜란드)



VOSviewer

Overlay Mapping 분석 (3차 분석)

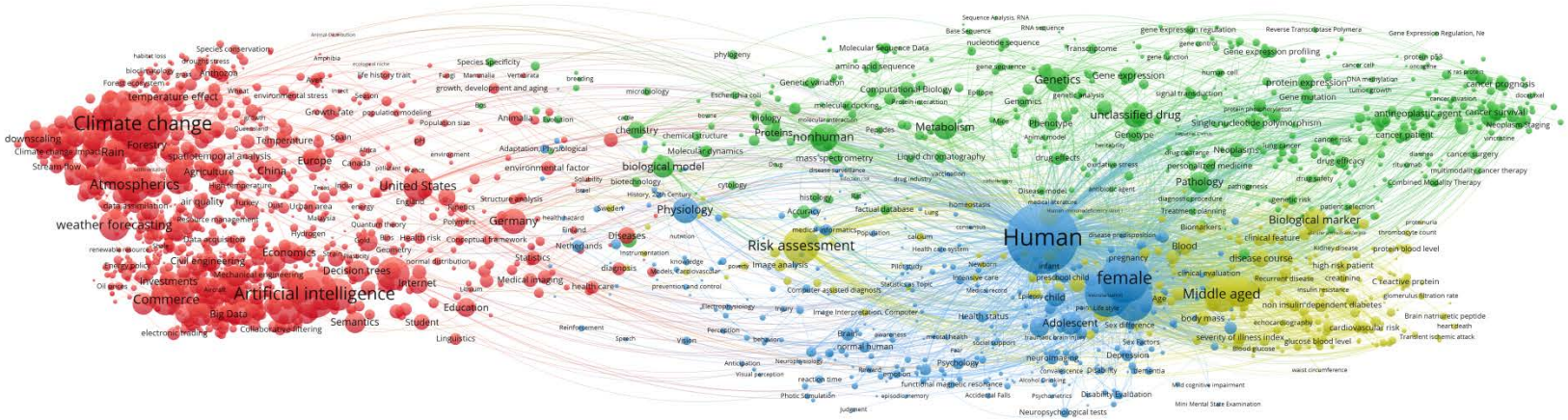
- 인덱스키워드: 네트워크맵 (대만)



VOSviewer

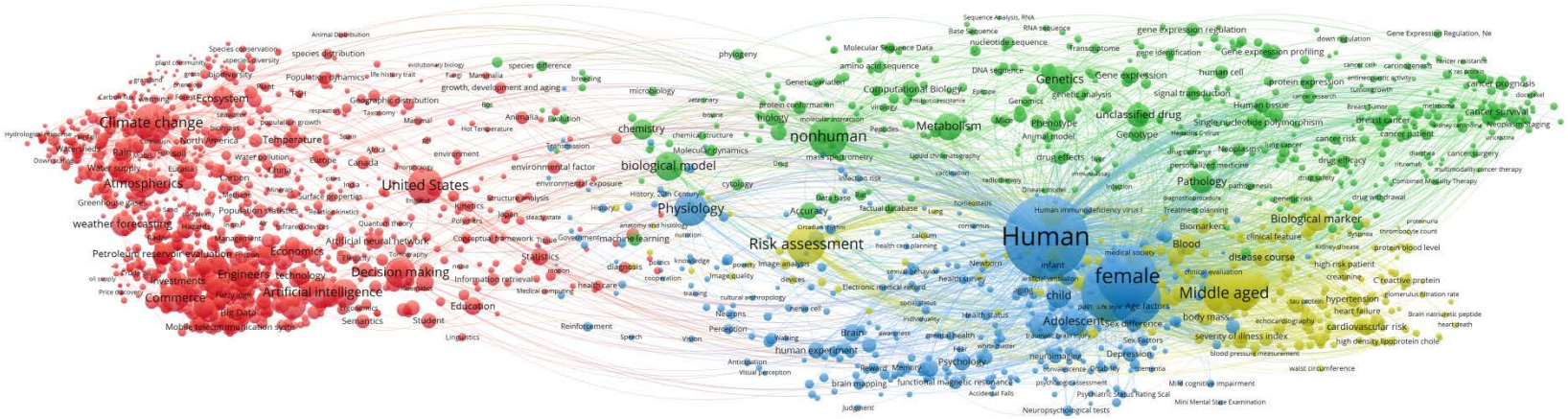
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (독일)


Climate change
Atmospherics
weather forecasting
Artificial intelligence
Commerce
Economics
Decision trees
Internet
Semantics
Student
Education
Linguistics
United States
Europe
China
Germany
Agriculture
Forestry
Temperature
Rain
Risk assessment
Physiology
Diseases
Statistics
Medical imaging
Human
female
Middle aged
Adolescent
Genetics
Gene expression
Metabolism
Proteins
nonhuman
chemistry
biological model
unclassified drug
Phenotype
Genotype
Neoplasms
Pathology
Biological marker
Blood
disease course
Biomarkers
personalized medicine
antineoplastic agent
cancer patient
cancer prognosis
Single nucleotide polymorphism
protein expression
Gene mutation
Gene expression profiling
Transcriptome
Computational Biology
Molecular dynamics
mass spectrometry
Liquid chromatography
Molecular Sequence Data
amino acid sequence
nucleotide sequence
Genetic variation
Escherichia coli
phylogeny
Animals
Adaptation, Physiological
environmental factor
Species specificity
Species conservation
temperature effect
downscaling
Stream flow
spatio-temporal analysis
Agriculture
Urban area
Quantum theory
Hydrogen
Gold
Health risk
Geometry
Mechanical engineering
Civil engineering
Investments
Oil prices
Big Data
electronic trading
Collaborative filtering
Data acquisition
Data assimilation
Resource management
Renewable resources
Energy policy
Air quality
Turkey
Malaysia
Spain
Canada
Mexico
Brazil
Australia
Queensland
Wheat
Growth rate
Population modeling
Population size
Life history trait
Ecosystem
Forest ecosystem
Habitat loss
Biodiversity
Amphibia
Mammalia
Vertebrata
Fungi
growth, development and aging
breeding
Reinforcement
Speech
Vision
Perception
Anticipation
Visual perception
reaction time
Neuropsychology
Psychology
Reflexes
Motivation
functional magnetic resonance
Photic stimulation
Judgment
Accidental Falls
Psychometrics
Disability evaluation
Neuropsychological tests
Mild cognitive impairment
Mini Mental State Examination
Dementia
Depression
Sex factors
Sex difference
Brain
normal human
Health status
Image analysis
Computer assisted diagnosis
Image Interpretation, Computer
Electrophysiology
Injury
Medical informatics
Population
Accuracy
Factual database
Lung
Sweden
Finland
Netherlands
Belgium
Poland
Portugal
Health hazard
Conceptual framework
Normal distribution
Instrumentation
Knowledge
Models, cardiovascular
Prevention and control
Pilot study
Health care system
Intensive care
Medical record
Statistics as Topic
Infant
Preschool child
Infant, newborn
Pregnancy
Adolescent
Child
Age
Aged
Middle aged
Aged, 80 and over
Disease predisposition
Disease progression
Disease susceptibility
Disease model
Medical illustration
Medical informatics applications
Diagnosis procedure
Treatment planning
Patient selection
Clinical feature
Clinical evaluation
Recurrent disease
Kidney disease
Creatinine
C reactive protein
high risk patient
protein blood level
Proteinuria
Thrombocyte count
Glomerulus filtration rate
Brain natriuretic peptide
heart death
Transient ischemic attack
cardiovascular risk
Echocardiography
Blood glucose level
Insulin resistance
non insulin dependent diabetes
Blood glucose
Waist circumference
severity of illness index
body mass
Cancer risk
Lung cancer
Drug safety
Drug efficacy
Drug resistance
Drug effects
Oxidative stress
Antibiotic agent
Medical alteration
Combined Modality Therapy
Multimodality cancer therapy
Cancer surgery
Neoplasm staging
Vincristine
Rituximab
Paclitaxel
Cancer survival
Cancer invasion
Tumor growth
DNA methylation
Signal transduction
Gene function
Gene expression regulation
Gene control
Base Sequence
RNA sequence
Sequence Analysis, RNA
Reverse Transcriptase Polymerase
Gene Expression Regulation, Ne
Genomics
Genetic analysis
Epitope
Peptides
Drug
Cytology
Cell
Chemical structure
Molecular docking
Molecular interaction
Protein interaction
Protein phosphorylation
Human cell
Cancer cell
Tas genes
Cancer gene
Docetaxel
Neoplasm staging
Combined Modality Therapy
Multimodality cancer therapy
Cancer surgery
Cancer risk
Drug resistance
Drug effects
Oxidative stress
Antibiotic agent
Medical alteration
Disease model
Disease surveillance
Drug industry
Drug resistance
Drug safety
Drug efficacy
Pathogenesis
Pathology
Personalized medicine
Drug carriage
Drug resistance
Drug effects
Drug safety
Drug efficacy
Cancer risk
Lung cancer
Heterozygote
Genotype
Phenotype
Animal model
Genetic analysis
Signal transduction
Gene function
Gene control
Gene expression regulation
Gene expression profiling
Gene mutation
Protein expression
Cancer prognosis
Cancer survival
Cancer patient
Cancer invasion
Tumor growth
DNA methylation
Human cell
Cancer cell
Tas genes
Cancer gene
Docetaxel
Neoplasm staging
Vincristine
Rituximab
Paclitaxel
Combined Modality Therapy
Multimodality cancer therapy
Cancer surgery
Neoplasm staging
Vincristine
Rituximab
Paclitaxel
Cancer survival
Cancer invasion
Tumor growth
DNA methylation
Human cell
Cancer cell
Tas genes
Cancer gene
Docetaxel

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (미국)


Climate change
Ecosystem
Atmospherics
weather forecasting
Temperature
United States
Economics
Engineers
Decision making
Artificial intelligence
Commerce
Education
Statistics
Artificial neural network
Petroleum reservoir evaluation
Big Data
Semantics
Student
chemistry
biological model
Physiology
nonhuman
Risk assessment
Metabolism
Computational Biology
Genetics
Gene expression
unclassified drug
Human
female
Middle aged
Adolescent
Biomarkers
Blood
Pathology
Biological marker
disease course
Brain
Psychology
human experiment
machine learning
Accuracy
Genotype
Phenotype
Human tissue
Gene expression profiling
Gene expression regulation
Single nucleotide polymorphism
cardiovascular risk
severity of illness index
body mass
hypertension
heart failure
Depression
Sex Factors
Age factors
child
infant
Newborn
Reinforcement
Perception
Vision
Speech
Linguistics
Neuroscience
Judgment
Neuropsychological tests
Mini Mental State Examination
Mild cognitive impairment
Psychiatric Status Rating Scal
Accidental falls
functional magnetic resonance
brain mapping
Reward
Memory
Fear
Anticipation
Visual perception
Sex difference
Medical society
Clinical evaluation
Health survey
Health status
Electronic medical record
Medical computing
Health care planning
Health care
Image analysis
Image quality
Information retrieval
Mission
Training
Cultural anthropology
Neurons
Gene cell
Knowledge
Cooperation
Diagnosis
Politics
Poverty
Government
Conceptual framework
Tissue
Nutrition
Anatomy and histology
Cytology
Mass spectrometry
Molecular dynamics
Chemical structure
Molecular interaction
Protein conformation
Genetic variation
Genetic analysis
Signal transduction
Human immunodeficiency virus I
Treatment planning
Diagnostic procedure
Personalized medicine
Drug safety
Drug withdrawal
Drug efficacy
Drug effects
Drug clearance
Liquid chromatography
Infection risk
Factual database
Data base
Bar
Structure analysis
Kinetics
Pollutants
Quantum theory
Surface properties
Population statistics
Population dynamics
Population growth
Geographic distribution
Taxonomy
Mammalia
Animal
Hot temperature
Environmental factor
Environmental exposure
Water supply
Water pollution
Rainfall
Soil
Greenhouse gases
Carbon
Minerals
Cities
India
China
Canada
Europe
Africa
Asia
Spain
Eurasia
North America
Species conservation
Species diversity
Species distribution
Species reference
Plant community
Plant
Tree
Forest
Biodiversity
Animal Distribution
Evolutionary biology
Life history trait
Fungi
Mammalia
Growth, development and aging
Breeding
Microbiology
Veterinary
Brains
Molecular interaction
Protein conformation
Virology
Antimicrobial resistance
Genetic variation
Genetic analysis
Genomics
Genetics
Gene expression
Human cell
Signal transduction
Protein expression
Cancer research
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Cancer survival
Breast cancer
Cancer risk
Cancer patient
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Cancer therapy
Multimodality cancer therapy
Combined Modality Therapy
Neoplasm staging
Neoplasms
Lung cancer
Hepatitis C virus
Hepatitis virus
Human immunodeficiency virus I
Liver
Kidney
Lung
Heart
Blood pressure measurement
Blood pressure
Waist circumference
Heart rate
Heart death
Heart failure
Hypertension
Cardiovascular risk
High density lipoprotein cholesterol
Brain natriuretic peptide
Glomerulus filtration rate
Creatinine
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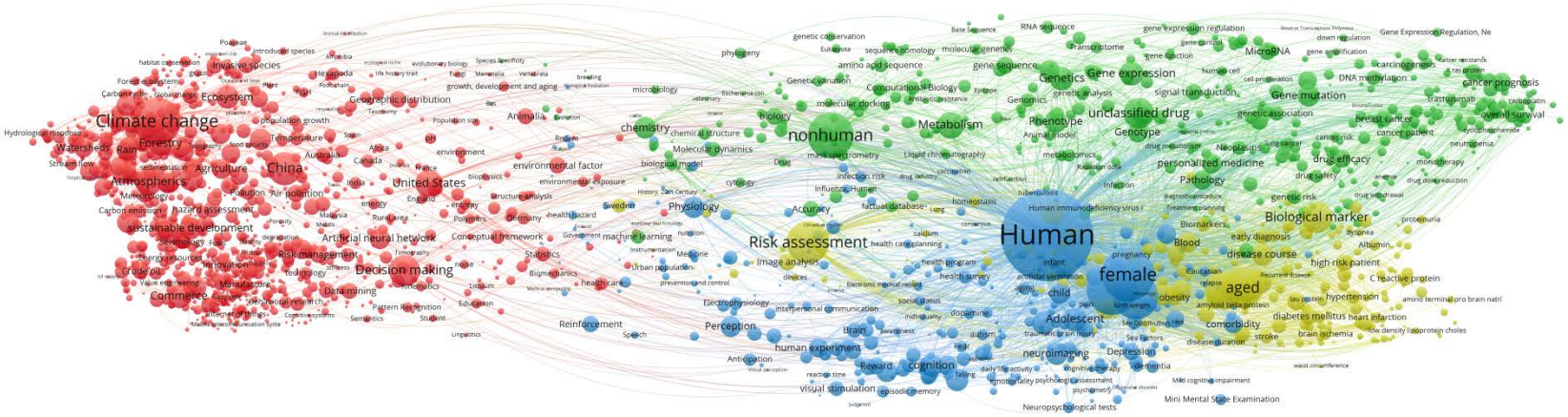
Echocardiography
Kidney disease
Protein blood level
High risk patient
Clinical feature
Medical society
Thrombocyte count
Proteinuria
Dyspnea
Clinical evaluation
Treatment planning
Diagnostic procedure
Genetic risk
Drug withdrawal
Drug efficacy
Drug safety

Overlay Mapping 분석 (3차 분석)

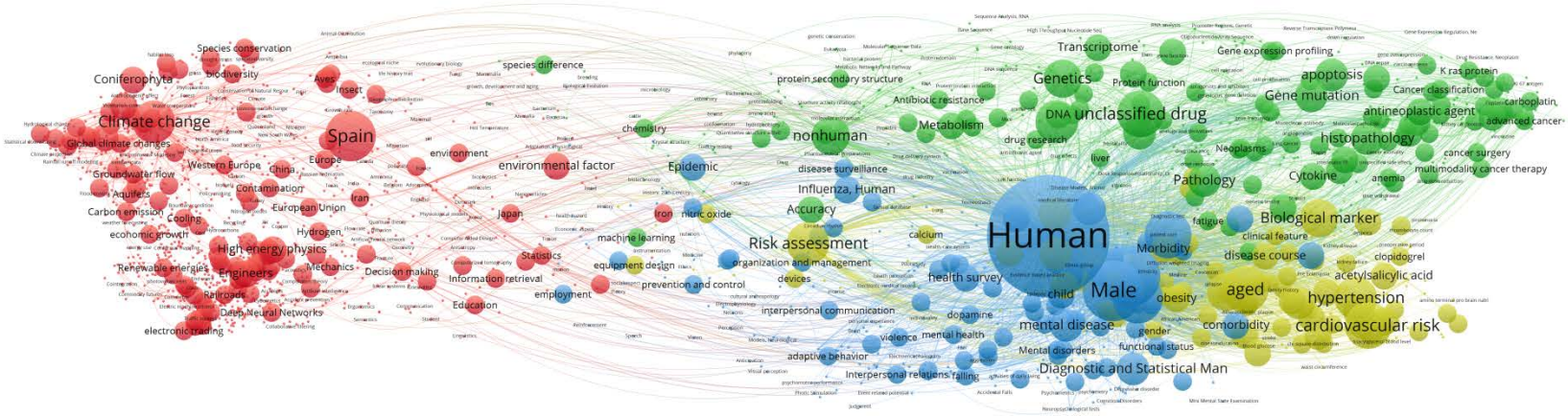
- 인덱스키워드: 네트워크맵 (스위스)



VOSviewer

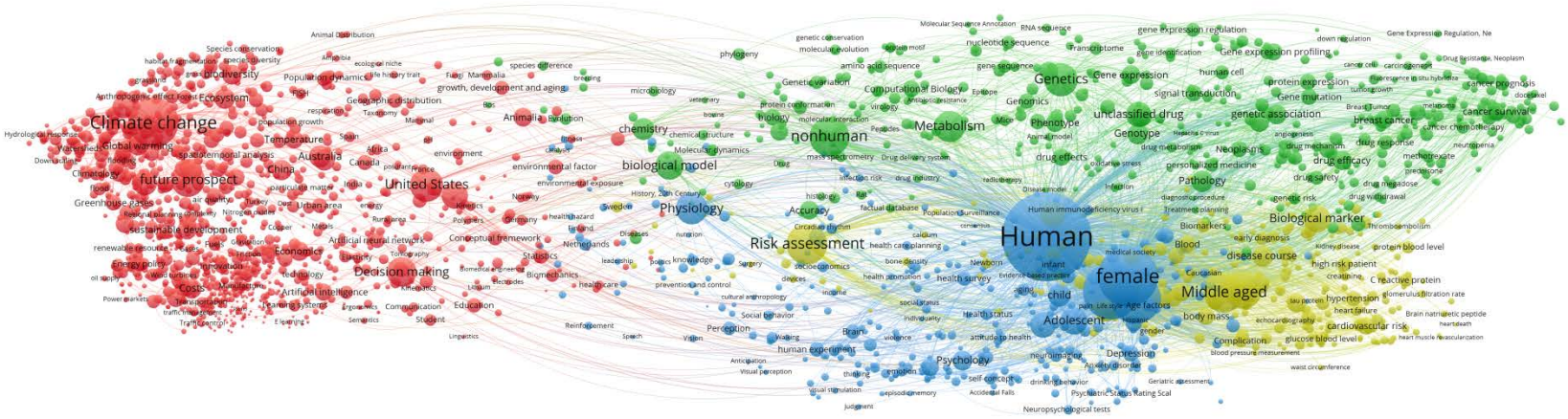
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (스페인)



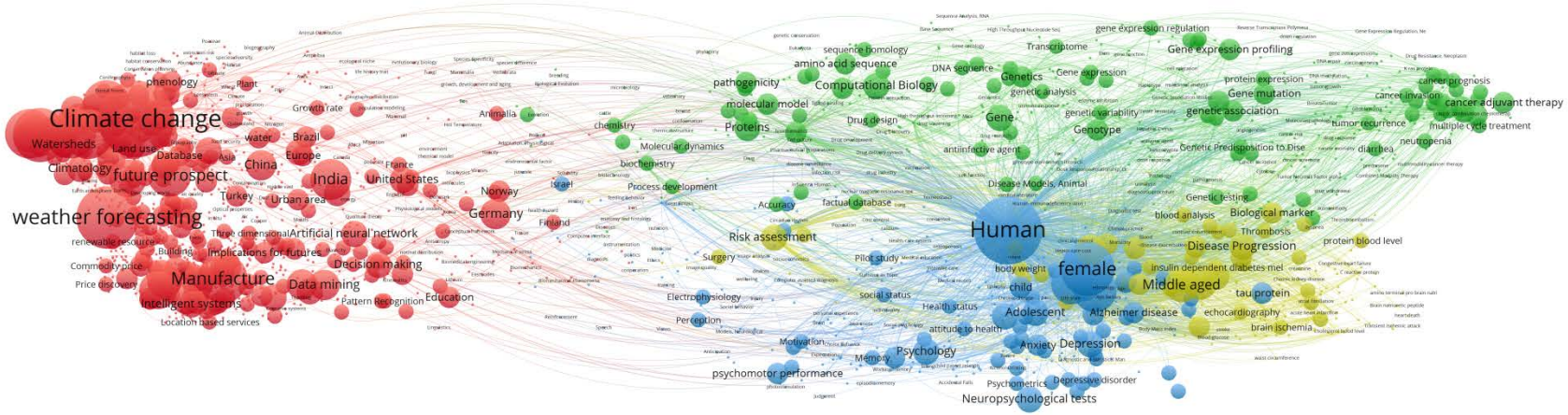
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (영국)



Overlay Mapping 분석 (3차 분석)

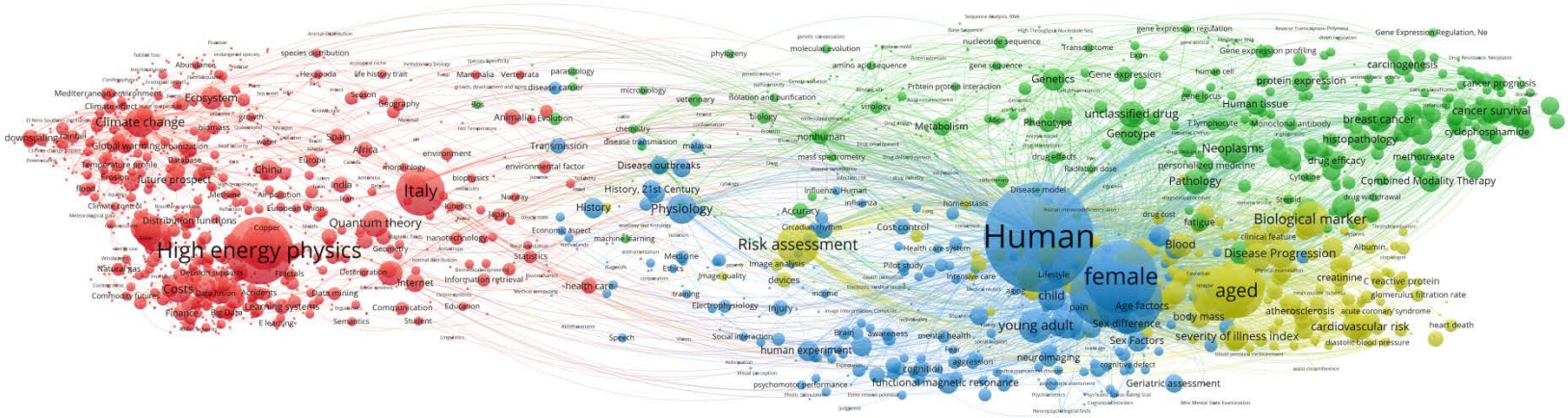
- 인덱스키워드: 네트워크맵 (오스트리아)



VOSviewer

Overlay Mapping 분석 (3차 분석)

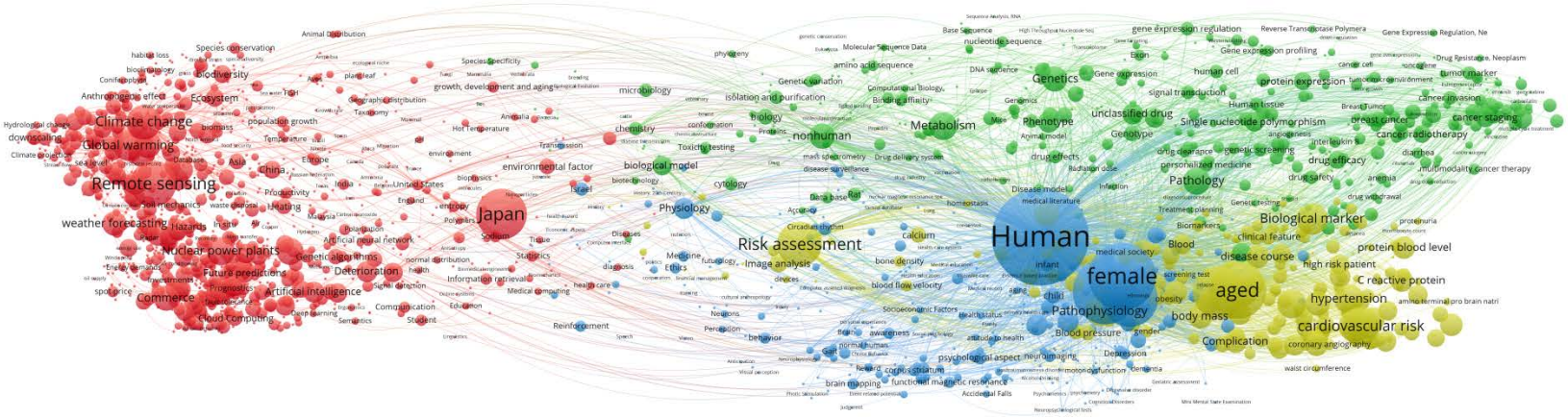
- 인덱스키워드: 네트워크맵 (이탈리아)



VOSviewer

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (일본)


Climate change
Global warming
Remote sensing
weather forecasting
Nuclear power plants
Commerce
Japan
China
Asia
Europe
India
United States
England
Israel
Biodiversity
Ecosystem
Species conservation
Artificial intelligence
Deep learning
Cloud computing
Future predictions
Deterioration
Risk assessment
Image analysis
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aged
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Metabolism
Genetics
Phenotype
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hypertension
C reactive protein
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disease course
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body mass
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biological model
chemistry
microbiology
nonhuman
Toxicity testing
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Medicine
Ethics
Statistics
Reinforcement
Communication
Education
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Medical computing
health care
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Neurons
Perception
behavior
psychological aspect
neuroimaging
brain mapping
functional magnetic resonance
Accidental Falls
Socioeconomic Factors
Health status
attitude to health
awareness
normal human
child
infant
calcium
bone density
blood flow velocity
obesity
gender
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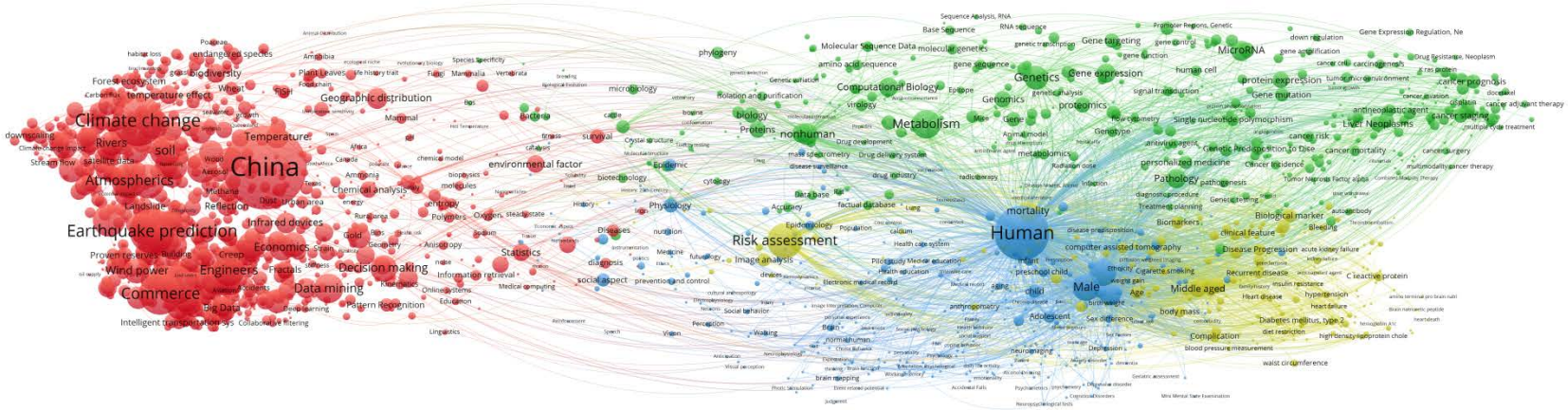
Human cell
Breast Tumor
breast cancer
cancer staging
cancer radiotherapy
multimodality cancer therapy
tumor marker
cancer invasion
protein expression
signal transduction
unclassified drug
Single nucleotide polymorphism
gene expression regulation
gene expression profiling
Gene expression
nucleotide sequence
DNA sequence
amino acid sequence
Molecular Sequence Data
Base Sequence
Reverse Transcriptase Polymerase
Gene Expression Regulation, Ne
Drug Resistance, Neoplasm
phylogeny
isolation and purification
Genetic variation
Computational Biology
Binding affinity
Proteins
mass spectrometry
Drug delivery system
disease surveillance
Data base
Accuracy
Circadian rhythm
Disease model
medical literature
homeostasis
Medical society
screening test
Biomarkers
clinical feature
proteinuria
diarrhea
anemia
drug withdrawal
drug efficacy
drug safety
personalized medicine
drug therapy
genetic screening
drug dosage
drug effects
Radiation dose
Infusion
Treatment planning
Genetic testing
interleukin
Animal model
Animal Distribution
habitat loss
biodiversity
Anthropogenic effect
population growth
Temperature
Hot temperature
Anomalia
Species Specificity
growth, development and aging
plant leaf
Geographic distribution
Taxonomy
Hydrological change
dcwnscaling
Climate projection
Sea level
Soil mechanics
waste disposal
Heating
Productivity
Malaysia
Carbon dioxide
Hazards
Insurance
Urbanization
Artificial neural network
Genetic algorithms
Prognostics
spot price
Signal detection
Semantics
Linguistics
Speech
Vision
Visual perception
Anticipation
Cognitive ability
Cognitive disorders
Mini Mental State Examination
Neuropsychological tests
Geriatric assessment
Gait
Psychiatrics
Psychotherapy
Differential diagnosis
Congenital disorders
Judgement
Photic Stimulation
Direct related potential
Sensorimotor cortex
Motor dysfunction
Dementia
Cognitive impairment
Alzheimer's disease
Parkinson's disease
Cerebrovascular disease
Stroke
Brain
Cerebellum
Cerebral cortex
Hippocampus
Frontal lobe
Temporal lobe
Parietal lobe
Occipital lobe
Neuroimaging
Magnetic resonance imaging
Tomography
Image processing
Computer assisted
Computer vision
Pattern recognition
Algorithms
Machine learning
Artificial intelligence
Deep learning
Cloud computing
Future predictions
Deterioration
Prognostics

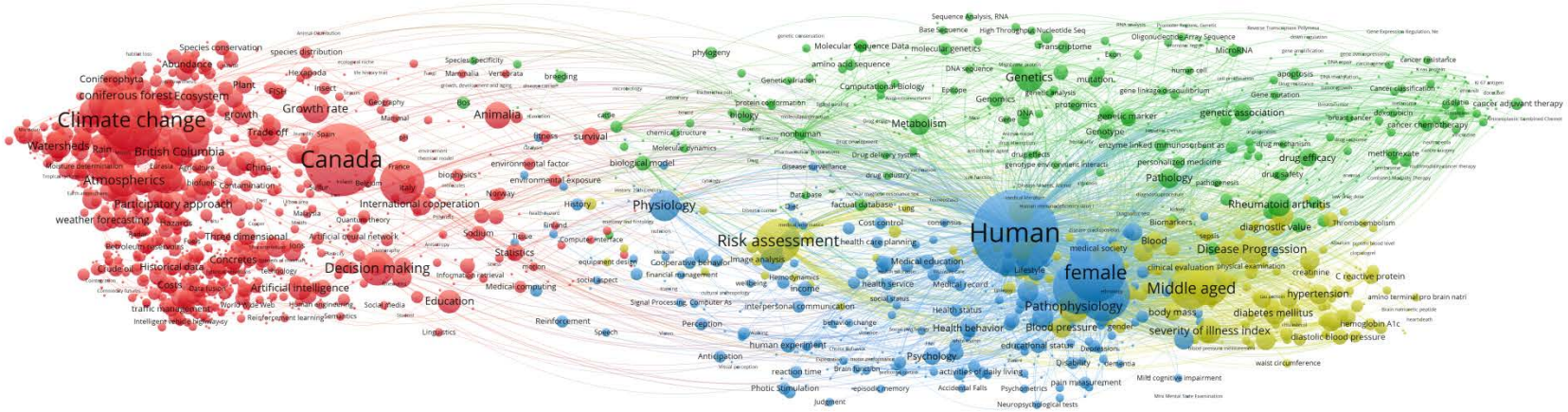
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (중국)


Climate change
China
Earthquake prediction
Atmospherics
Rivers
soil
Temperature
Forest ecosystem
temperature effect
Wheat
Geographic distribution
Infrared devices
Economics
Decision making
Data mining
Wind power
Engineers
Commerce
Big Data
Pattern Recognition
Statistics
environmental factor
Risk assessment
Human
Metabolism
Genetics
Computational Biology
Gene expression
MicroRNA
Proteins
nonhuman
Male
Middle aged
Adolescent
Age
mortality
Pathology
Biomarkers
Disease Progression
Complication
Liver Neoplasms
Single nucleotide polymorphism
Genotype
Genomics
proteomics
Image analysis
Physiology
Epidemiology
Medicine
Diseases
diagnosis
social aspect
prevention and control
Molecular Sequence Data
amino acid sequence
phylogeny
Base Sequence
RNA sequence
Sequence Analysis, RNA
Gene targeting
molecular genetics
gene sequence
protein expression
Gene mutation
Genetic Predisposition to Disease
cancer mortality
personalized medicine
Cancer incidence
Biological marker
clinical feature
computer assisted tomography
Cigarette smoking
Recurrent disease
Heart disease
hypertension
Diabetes mellitus, type 2
blood pressure measurement
waist circumference
C-reactive protein
Brain mapping
Neuroimaging
Depression
Sex difference
Mini Mental State Examination
Geriatric assessment
Psychiatry
Psychometrics
Cognitive disorders
Neuropsychological tests
Accidental Falls
Judgment
Visual perception
Perception
Vision
Speech
Walking
Anticipation
Photic Stimulation
Evoked potential
Electroencephalography
Image processing, Computer-Assisted
Electroencephalography
Brain
Cognition
Memory, Short-Term
Memory, Long-Term
Learning
Reaction Time
Pattern Recognition, Visual
Pattern Recognition, Automated
Neuropsychological tests
Mini Mental State Examination
Geriatric assessment
Psychiatry
Psychometrics
Cognitive disorders

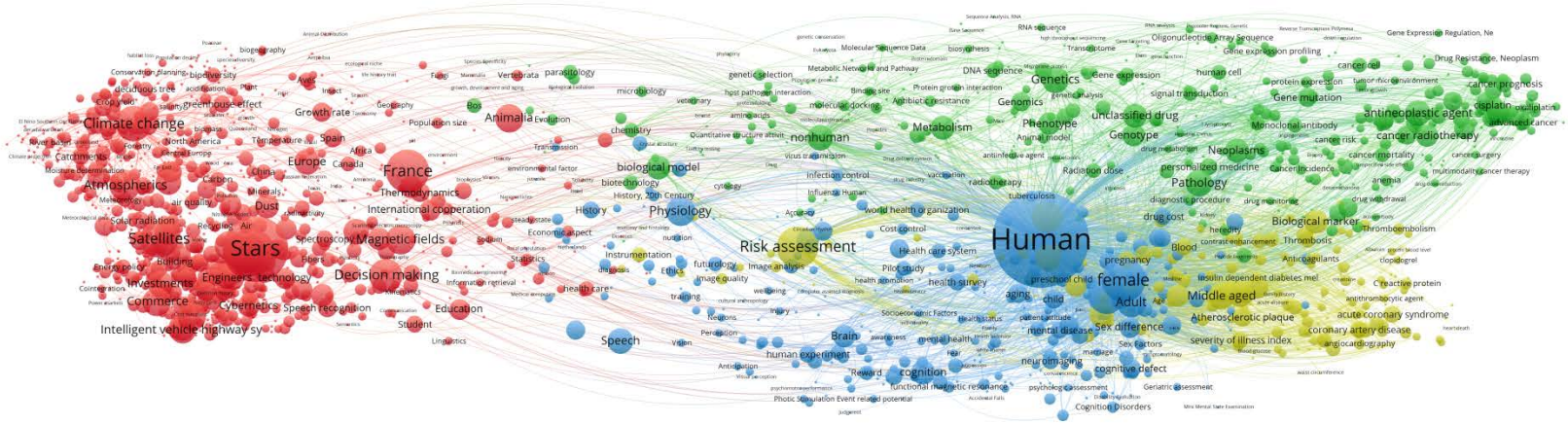
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (캐나다)


Climate change
Canada
Human
female
Risk assessment
Physiology
Decision making
Middle aged
Genetics
Pathophysiology
Disease Progression
Rheumatoid arthritis
Animalia
Metabolism
Pathology
Psychology
Health behavior
Blood pressure
severity of illness index
diabetes mellitus
hypertension
Artificial intelligence
Education
Statistics
International cooperation
Participatory approach
Atmospherics
Watersheds
British Columbia
Coniferophyta
coniferous forest Ecosystem
Growth rate
Trade-off
Species conservation
Abundance
Plant
Insect
Fish
Geography
Mammal
Species distribution
Hexapoda
Species Specificity
Vertebrata
breeding
phylogeny
Molecular Sequence Data
amino acid sequence
Sequence Analysis, RNA
Base Sequence
High Throughput Nucleotide Seq
Transcriptome
Oligonucleotide Array Sequence
MicroRNA
molecular genetics
DNA sequence
Computational Biology
Epitope
Genomics
proteomics
mutation
gene linkage disequilibrium
Gene mutation
genetic association
genetic marker
Genotype
enzyme linked immunosorbent as
personalized medicine
drug efficacy
drug safety
methotrexate
cancer adjuvant therapy
cancer chemotherapy
doxorubicin
breast cancer
Thromboembolism
diagnostic value
Biomarkers
Blood
sepsis
medical society
clinical evaluation
physical examination
creatinine
C reactive protein
amino terminal pro brain natri
hemoglobin A1c
diastolic blood pressure
waist circumference
body mass
Lifestyle
Medical education
Medical record
health service
Health status
educational status
Disability
Dementia
pain measurement
Mild cognitive impairment
Mini Mental State Examination
Neuropsychological tests
Accidental Falls
Psychometrics
activities of daily living
Brain
episodic memory
Photic stimulation
Judgment
reaction time
human experiment
Anticipation
Perception
Reinforcement
Speech
Linguistics
Social media
Semantics
Reinforcement learning
World wide web
Human computer
Intelligent vehicle highway
traffic management
Three dimensional
Artificial neural network
Concretes
Historical data
Crude oil
Costs
Petroleum
weather forecasting
Atmospheric
Quantum theory
Malaysia
Belgium
Italy
France
Spain
China
Norway
Finland
Poland
Sodium
Tissue
Computer interface
Image analysis
Cooperative behavior
equipment design
financial management
social aspect
Signal Processing
Computer As
interpersonal communication
behavior change
Medical computing
Information retrieval
Reinforcement
Cost control
Database
factual database
Lung
Disease surveillance
drug industry
Molecular dynamics
chemical structure
biological model
environmental factor
environmental exposure
biophysics
Bios
Mammal
Vertebrata
survival
Tropics
Cattle
Elevation
Ecology
Geology
Ecosystem
Fish
Insect
Plant
Growth
Trade-off
Watersheds
Rain
Atmospheric
Participatory approach
weather forecasting
Three dimensional
Artificial neural network
Concretes
Historical data
Crude oil
Costs
Petroleum
Decision making
Artificial intelligence
Education
Statistics
International cooperation
Canada
Climate change
Coniferophyta
coniferous forest Ecosystem
Species conservation
Abundance
Species distribution
Hexapoda
Species Specificity
Vertebrata
breeding
phylogeny
Molecular Sequence Data
amino acid sequence
Sequence Analysis, RNA
Base Sequence
High Throughput Nucleotide Seq
Transcriptome
Oligonucleotide Array Sequence
MicroRNA
molecular genetics
DNA sequence
Genetics
mutation
Computational Biology
Epitope
Genomics
proteomics

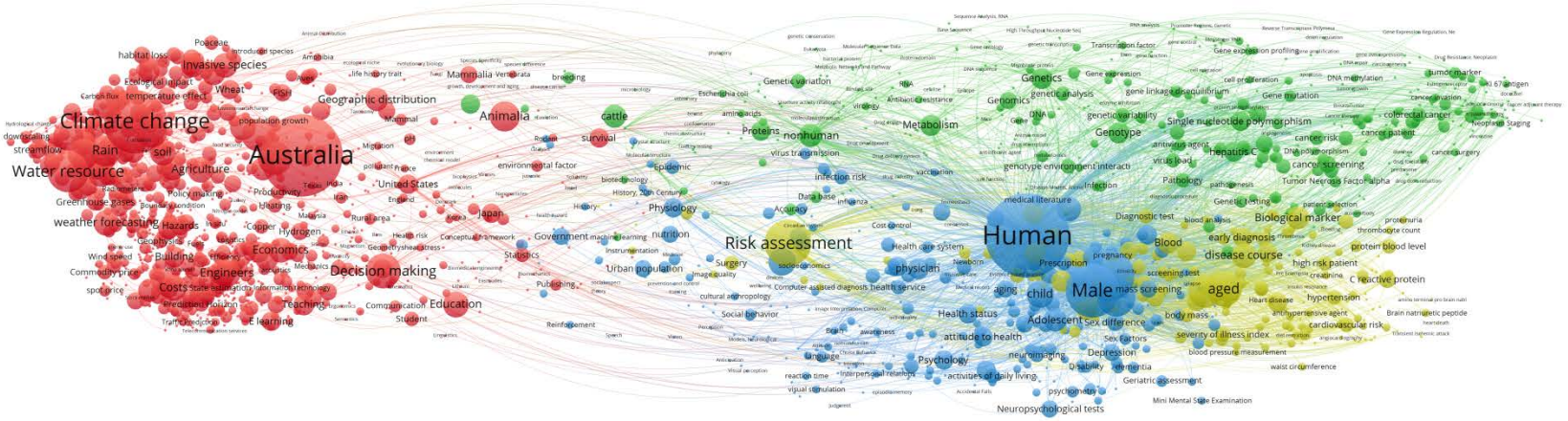
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (프랑스)


Climate change
Atmospherics
Satellites
Stars
Engineering, technology
Investments
Commerce
Cybernetics
Speech recognition
Intelligent vehicle highway sy
Decision making
Education
Student
Europe
France
Thermodynamics
International cooperation
Magnetic fields
Spectroscopy
Animalia
Vertebrata
Growth rate
Spain
Canada
Africa
China
Dust
Minerals
Carbon
Air quality
Greenhouse effect
Biodiversity
Population size
Evolution
Transmission
biological model
biotechnology
History
Physiology
History, 20th Century
Economic aspect
Statistics
Instrumentation
Ethics
Image analysis
Image quality
health care
training
Speech
Vision
Perception
Risk assessment
Health care system
Pilot study
health survey
Brain
human experiment
Reward
cognition
functional magnetic resonance
Photic Stimulation Event related potential
Human
female
Adult
child
preschool child
pregnancy
aging
Middle aged
Sex difference
mental disease
mental health
neuroimaging
cognitive defect
Cognition Disorders
Geriatric assessment
psychological assessment
Sex factors
severity of illness index
Atherosclerotic plaque
coronary artery disease
acute coronary syndrome
angiocardiography
Blood
Thrombosis
Anticoagulants
clopidogrel
Biological marker
Thromboembolism
drug cost
heredity
Pathology
diagnostic procedure
personalized medicine
Cancer incidence
Radiation dose
Neoplasms
Monoclonal antibody
cancer risk
cancer mortality
cancer surgery
anemia
drug withdrawal
multimodality cancer therapy
cancer radiotherapy
antineoplastic agent
cancer prognosis
cisplatin
oxaliplatin
Gene mutation
protein expression
cancer cell
Drug Resistance, Neoplasm
Gene Expression Regulation, Ne
Oligonucleotide Array Sequence
Gene expression profiling
Transcriptome
RNA sequence
Genetics
Gene expression
human cell
signal transduction
unclassified drug
Genotype
Phenotype
Genomics
DNA sequence
Metabolism
Antibiotic resistance
Binding site
Protein protein interaction
molecular docking
nonhuman
infection control
World health organization
Cost control
radiotherapy
tuberculosis
vaccination
Influenza, Human
cytology
chemistry
genetic selection
Molecular Sequence Data
Metabolic Networks and Pathways
host pathogen interaction
amino acids
Quantitative structure activity
virus transmission
parasitology
microbiology
veterinary
Bos
Geography
Forestry
Climate change
Catchments
Meteorology
Solar radiation
Energy policy
Cointegration
Power markets
Building
Reagents
Air
Meteorological
Mexico
Pollution
Species diversity
Ecosystem
Plant
Insect
Tree
Deciduous tree
Crop yield
Consumption
Planning
Water
Temperature
North America
Europe
Carbon
Dust
Minerals
Air quality
Greenhouse effect
Biodiversity
Population size
Evolution
Transmission
Growth rate
Spain
Canada
Africa
China
Thermodynamics
International cooperation
Magnetic fields
Spectroscopy
Decision making
Education
Student
Speech recognition
Cybernetics
Commerce
Investments
Engineering, technology
Satellites
Stars
Atmospherics
Climate change
Forestry

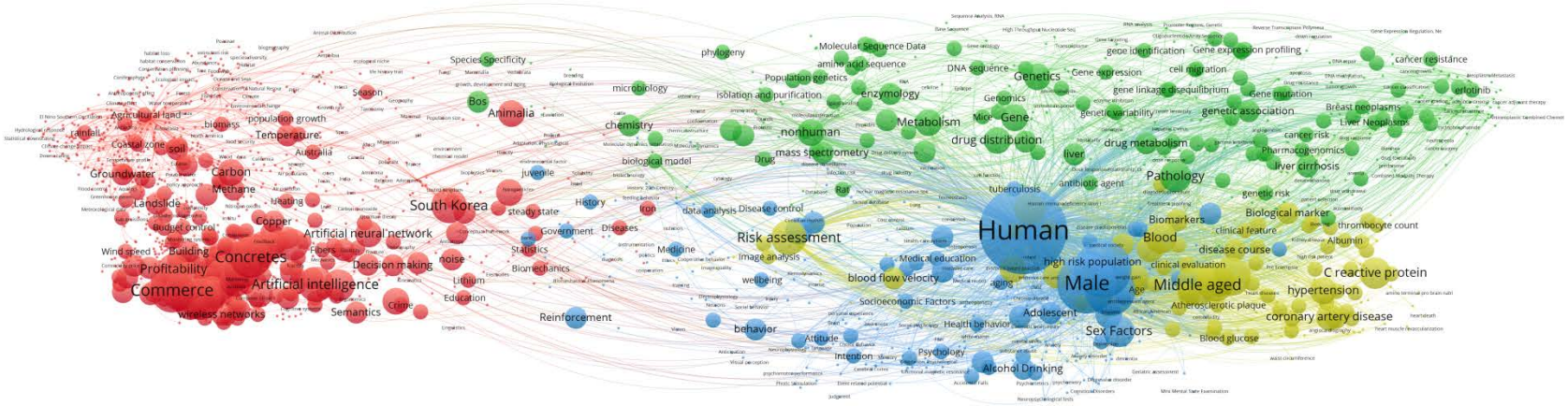
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (호주)


Climate change
Australia
Water resource
Rain
soil
Agriculture
habitat loss
Invasive species
Poaceae
Wheat
Geographic distribution
Mammalia Vertebrata
breeding
Animalia
cattle
survival
Mammal
Migration
United States
England
Japan
Rural area
Greenhouse gases
weather forecasting
Hazards
Copper
Hydrogen
Economics
Decision making
Building
Engineers
Costs
Teaching
Education
Student
Communication
E-learning
Government
Statistics
Urban population
Publishing
Reinforcement
Physiology
nutrition
Epidemic
environmental factor
Proteins
nonhuman
virus transmission
infection risk
Dana base
influenza
Accuracy
Risk assessment
Surgery
Computer assisted diagnosis
health service
Social behavior
cultural anthropology
Health care system
physician
Health status
attitude to health
Psychology
activities of daily living
Human
Male
Adolescent
aged
child
aging
Prescription
pregnancy
Blood
early diagnosis
disease course
Biological marker
proteinuria
protein blood level
high risk patient
C reactive protein
hypertension
cardiovascular risk
Heart disease
Brain natriuretic peptide
body mass
severity of illness index
blood pressure measurement
waist circumference
Geriatric assessment
Mini Mental State Examination
Neuropsychological tests
Depression
Disability
dementia
Sex factors
sex difference
neuroimaging
Genetics
Genetic variation
Genomics
genetic analysis
gene linkage disequilibrium
Gene expression
Gene expression profiling
Transcription factor
Metabolism
Genotype
Single nucleotide polymorphism
genetic variability
genotype environment interact
Infection
medical literature
Pathology
Genetic testing
Diagnostic test
Tumor Necrosis Factor alpha
cancer risk
cancer patient
cancer screening
colorectal cancer
tumor marker
Gene mutation
DNA methylation
Gene amplification
Neoplasm Staging
Escherichia coli
amino acids
virology
Antibiotic resistance
Cost control
Image quality
Instrumentation
Sequence Analysis, DNA
Gene Sequence
Molecular Sequence Data
Phylogeny
genetic conservation
Eukaryota
Bacterial proteins
Metabolic Networks and Pathways
Genetic Phenomena
Genetic Variation
Genetics
Genomics
Metabolism
Proteins
Physiology
Epidemiology
Medicine
Health Care
Health Services
Health Status
Health Behavior
Psychology
Cognition
Behavior
Sex Factors
Sex Characteristics
Aging
Aged
Adolescent
Child
Male
Human
Pathology
Diagnostic Techniques
Laboratory Techniques
Genetic Techniques
Pharmacology
Drug Therapy
Drug Interactions
Drug Resistance, Neoplasm
Neoplasms
Cancer Risk
Cancer Screening
Cancer Patient
Cancer Surgery
Tumor Markers
Biological Markers
Gene Expression Regulation, Ne
Gene Expression Profiling
Gene Amplification
Gene Rearrangement
Genetic Transcription
Genetic Vectors
Genetic Recombination
Genetic Polymorphisms
Genetic Variation
Genetic Linkage
Genetic Analysis
Genetic Testing
Genotype
Genotype Environment Interaction
Genetic Variability
Genetic Mutation
Genetic Loci
Genetic Diseases
Genetic Disorders
Genetic Phenomena
Genetic Conditions
Genetic Counseling
Genetic Engineering
Genetic Manipulation
Genetic Modification
Genetic Mutation
Genetic Polymorphisms
Genetic Recombination
Genetic Transcription
Genetic Vectors
Genetic Variation
Genetic Variability
Genetic Linkage
Genetic Analysis
Genetic Testing
Genetic Engineering
Genetic Manipulation
Genetic Modification
Genetic Mutation
Genetic Loci
Genetic Diseases
Genetic Disorders
Genetic Phenomena
Genetic Conditions
Genetic Counseling
Genetic Engineering
Genetic Manipulation
Genetic Modification
Genetic Mutation
Genetic Polymorphisms
Genetic Recombination
Genetic Transcription
Genetic Vectors
Genetic Variation
Genetic Variability
Genetic Linkage
Genetic Analysis
Genetic Testing
Genotype
Genotype Environment Interaction
Genetic Variability

Overlay Mapping 분석 (3차 분석)

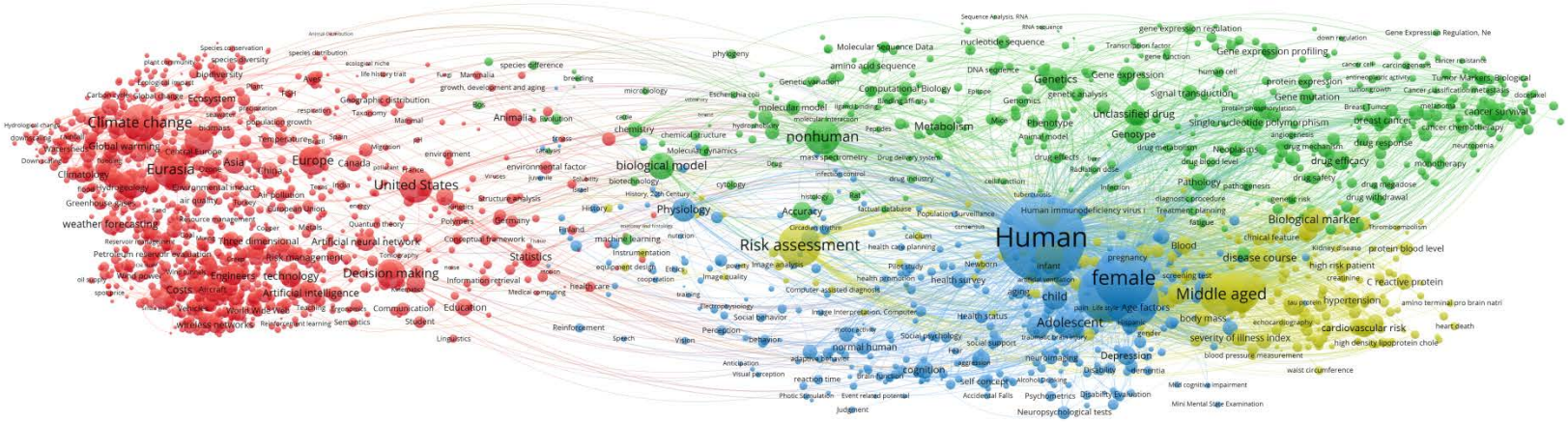
- 인덱스키워드: 네트워크맵 (한국)



VOSviewer

Overlay Mapping 분석 (3차 분석)

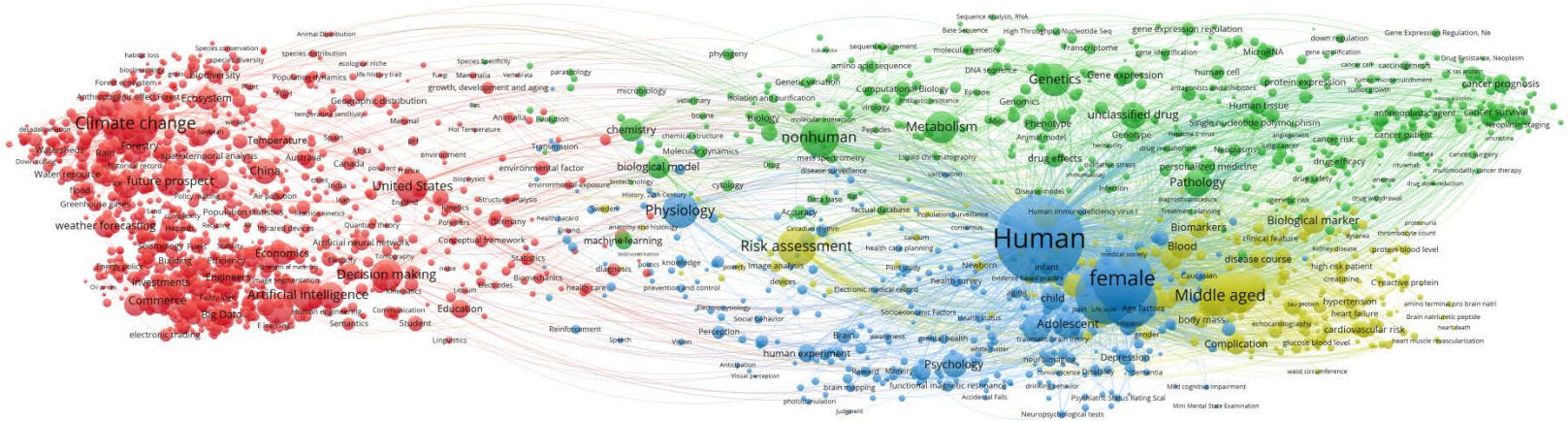
- 인덱스키워드: 네트워크맵 (2008~2009)



VOSviewer

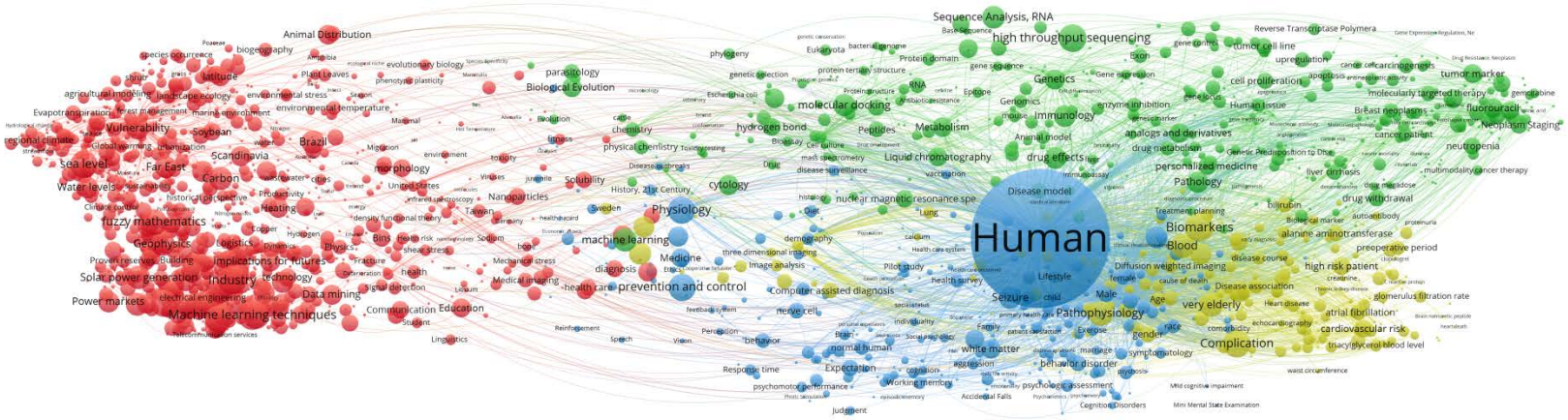
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (2016~2017)


Climate change
Ecosystem
Forestry
Temperature
China
United States
future prospect
weather forecasting
Economics
Decision making
Artificial intelligence
Commerce
Education
chemistry
biological model
nonhuman
Physiology
machine learning
Risk assessment
Metabolism
Genetics
Gene expression
unclassified drug
Human tissue
Pathology
Biomarkers
Biological marker
Human
female
Middle aged
Adolescent
Blood
disease course
Complication
Brain
Psychology
Depression
human experiment
cancer prognosis
cancer patient
cardiovascular risk
protein expression
personalized medicine
drug effects
drug efficacy
Genotype
Phenotype
Genomics
Computational Biology
amino acid sequence
gene expression regulation
MicroRNA
Transcriptome
Molecular dynamics
mass spectrometry
Accuracy
Image analysis
Socioeconomic Factors
Age Factors
Perception
Reward
Memory
functional magnetic resonance
Neuropsychological tests
Mini Mental State Examination
Mild cognitive impairment
Psychiatric Status Rating Scal
Dementia
Disability
Neuroimaging
Drinking behavior
Accidental falls
Judgment
Visual perception
Anticipation
Vision
Speech
Reinforcement
Linguistics
Semantics
Student
Communication
Human engineering
Big Data
electronic trading
Investments
Engineers
Building
Energy policy
Sociology
Fuels
Safety
Artificial neural network
Tomography
Conceptual framework
Statistics
Biomechanics
healthcare
prevention and control
Germany
Sweden
Canada
Australia
Africa
India
Iran
England
Spain
Italy
Food
Water resources
Water supply
Greenhouse gases
Infrared devices
Quantum theory
Population dynamics
Population statistics
Quantitative analysis
Air pollution
Policy making
Research
Forest ecosystems
Anthropogenic effects
Forest
Plant
Tropical
Geographic distribution
Animal distribution
Species distribution
Species conservation
Species diversity
Biodiversity
Habitat loss
Biodiversity
Population dynamics
Life history trait
Ecological niche
Species specificity
Mammalia
Vertebrata
parasitology
growth, development and aging
Animals
Distribution
Hot Temperature
Mammal
Rain
Spain
Mexico
Brazil
Temperature
Spatio-temporal analysis
Historical record
environment
Transmission
environmental factor
environmental exposure
biotechnology
biophysics
structure analysis
Polymers
Genetics
Germany
health hazard
Sweden
anatomy and histology
History, 20th Century
Data base
Factual database
Population surveillance
Circadian rhythm
Calcium
health care planning
Pilot study
Newborn
Health survey
Electronic medical record
devices
Evidence-based practice
Child
Socioeconomic Factors
Mental health
Social behavior
Brain
awareness
mental health
white matter
traumatic brain injury
neuroimaging
Drinking behavior
Accidental falls
functional magnetic resonance
brain mapping
photostimulation
Judgment
Reward
Memory

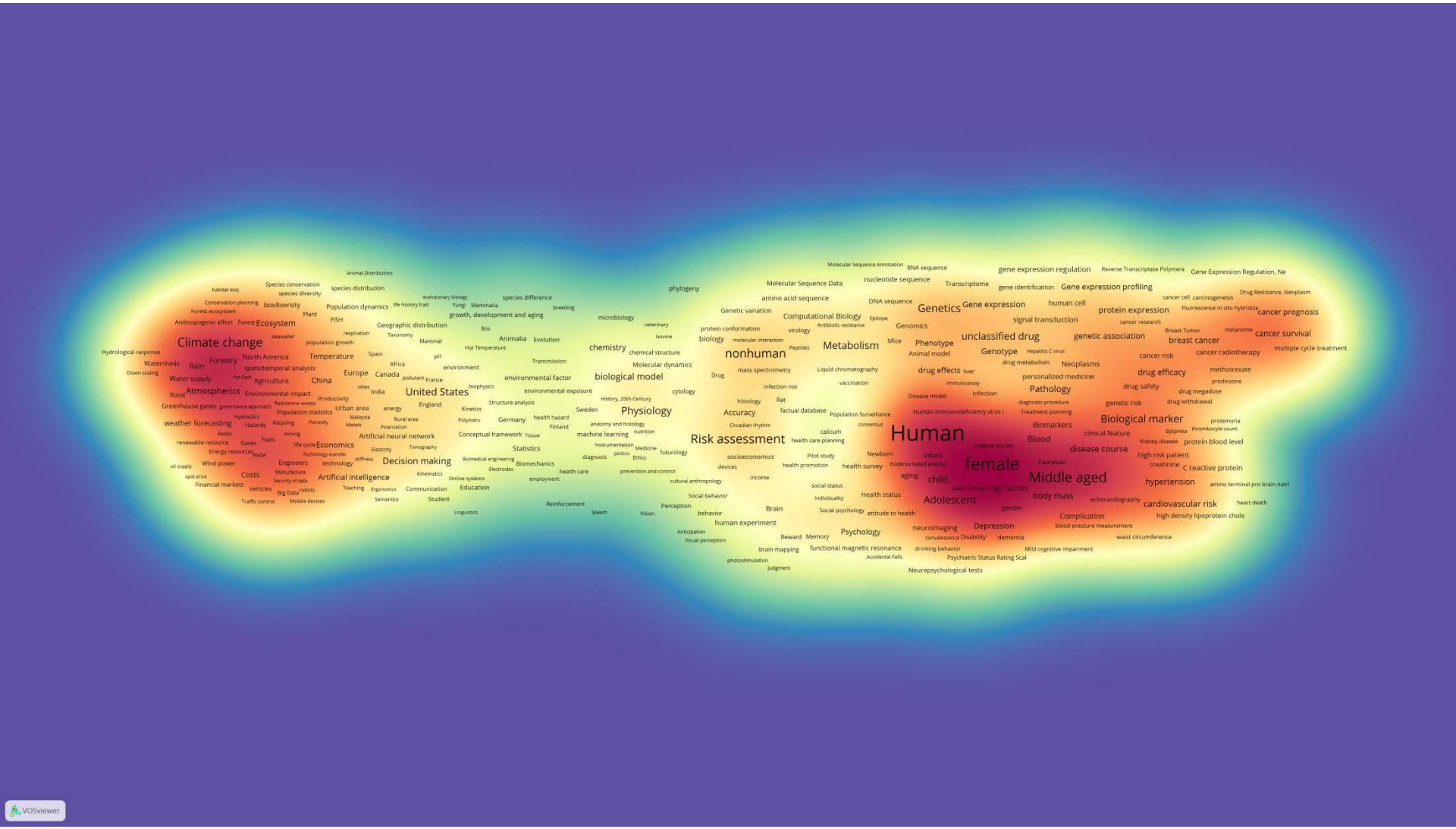
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (증가율)


Human
Animal Distribution
biogeography
latitude
Vulnerability
Soybean
Brazil
Scandinavia
Far East
Sea level
Water levels
Carbon
fuzzy mathematics
Geophysics
Implications for futures
Industry
Solar power generation
Power markets
Machine learning techniques
Data mining
Communication
Education
paraecology
Biological Evolution
chemistry
physical chemistry
morphology
Nanoparticles
Sweden
Physiology
cytology
machine learning
Medicine
diagnosis
prevention and control
health care
Sequence Analysis, RNA
high throughput sequencing
Reverse Transcriptase Polymera
tumor cell line
upregulation
Genetics
molecular docking
hydrogen bond
Peptides
Metabolism
Immunology
Liquid chromatography
drug effects
Disease model
nuclear magnetic resonance spe
computer assisted diagnosis
Pathophysiology
Seizure
Biomarkers
Blood
Pathology
personalized medicine
analogs and derivatives
drug metabolism
cell proliferation
tumor marker
molecularly targeted therapy
Breast neoplasms
fluorouracil
Neoplasm Staging
cancer patient
neutropenia
liver cirrhosis
drug withdrawal
alanine aminotransferase
preoperative period
high risk patient
glomerulus filtration rate
atrial fibrillation
cardiovascular risk
Complication
very elderly
Male
Age
gender
race
behavior disorder
psychologic assessment
Cognitive Disorders
Mild cognitive impairment
Mini Mental State Examination
Accidental Falls
Working memory
Expectation
normal human
White matter
behavior
Brain
Perception
Response time
Judgment
Reinforcement
Speech
Vision
Linguistics
nerve cell
Medical imaging
Mechanical stress
Shear stress
Fracture
Health risk
Sodium
Copper
Hydrogen
Productivity
Heating
Water
Climate change
Global warming
Evapotranspiration
Forest management
Landscape ecology
environmental stress
environmental temperature
Plant Leaves
phenotypic plasticity
species occurrence
Eukaryota
Protein domain
Protein structure
Escherichia coli
Epitope
RNA
Genomics
Gene expression
Gene sequence
Exon
Human tissue
enzyme inhibition
Animal model
Disease association
Lifestyle
Diffusion weighted imaging
three dimensional imaging
Image analysis
Health survey
Pilot study
Health care system
Disease course
Treatment planning
Biomarker
Health risk
Mechanical stress
Medical imaging
Signal detection
Student
Electrical engineering
Telecommunication services
Data processing
Computer science
Mathematics
Physics
Dynamics
Building
Proven reserves
Industrial technology
Logistics
Population
Economic growth
Economic crisis
Germany
Taiwan
United States
Ireland
Italy
Infrared spectroscopy
Density functional theory
Bins
Sea level
Far East
Water levels
Climate change
Global warming
Evapotranspiration
Forest management
Landscape ecology
Vulnerability
Soybean
Brazil
Scandinavia
Carbon
Productivity
Heating
Copper
Hydrogen
Sodium
Geophysics
Logistics
Implications for futures
Industry
Solar power generation
Power markets
Machine learning techniques
Data mining
Communication
Education
Student
Electrical engineering
Telecommunication services
Data processing
Computer science
Mathematics
Physics
Dynamics
Building
Proven reserves
Industrial technology
Logistics
Population
Economic growth
Economic crisis
Germany
Taiwan
United States
Ireland
Italy
Infrared spectroscopy
Density functional theory
Bins
Health risk
Shear stress
Fracture
Health
Signal detection
Medical imaging
Mechanical stress
Linguistics
Reinforcement
Speech
Vision
Perception
Response time
Judgment
Expectation
Working memory
Accidental Falls
Psychomotor performance
Photo stimulation
Episodic memory
Mild cognitive impairment
Mini Mental State Examination
Cognitive Disorders
psychologic assessment
behavior disorder
Complication
symptomatology
gender
race
very elderly
Male
Age
Seizure
Pathophysiology
Lifestyle
Disease association
Diffusion weighted imaging
Disease course
Health survey
Pilot study
Health care system
Health care
three dimensional imaging
Image analysis
demography
Population
Health care system
Health survey
Pilot study
Disease course
Treatment planning
Biomarker
Blood
Pathology
personalized medicine
analogs and derivatives
drug metabolism
Genetic Predisposition to Disease
liver cirrhosis
multimodality cancer therapy
drug withdrawal
alanine aminotransferase
preoperative period
high risk patient
glomerulus filtration rate
atrial fibrillation
cardiovascular risk
Complication
very elderly
Male
Age
gender
race
behavior disorder
psychologic assessment
Cognitive Disorders
Mild cognitive impairment
Mini Mental State Examination
Accidental Falls
Working memory
Expectation
normal human
White matter
behavior
Brain
Perception
Response time
Judgment
Reinforcement
Speech
Vision
Linguistics
nerve cell
Medical imaging
Mechanical stress
Shear stress
Fracture
Health risk
Sodium
Copper
Hydrogen
Productivity
Heating
Water
Climate change
Global warming
Evapotranspiration
Forest management
Landscape ecology
environmental stress
environmental temperature
Plant Leaves
phenotypic plasticity
species occurrence
Eukaryota
Protein domain
Protein structure
Escherichia coli
Epitope
RNA
Genomics
Gene expression
Gene sequence
Exon
Human tissue
enzyme inhibition
Animal model
Disease association
Lifestyle
Diffusion weighted imaging
three dimensional imaging
Image analysis
Health survey
Pilot study
Health care system
Disease course
Treatment planning
Biomarker
Health risk
Mechanical stress
Medical imaging
Signal detection

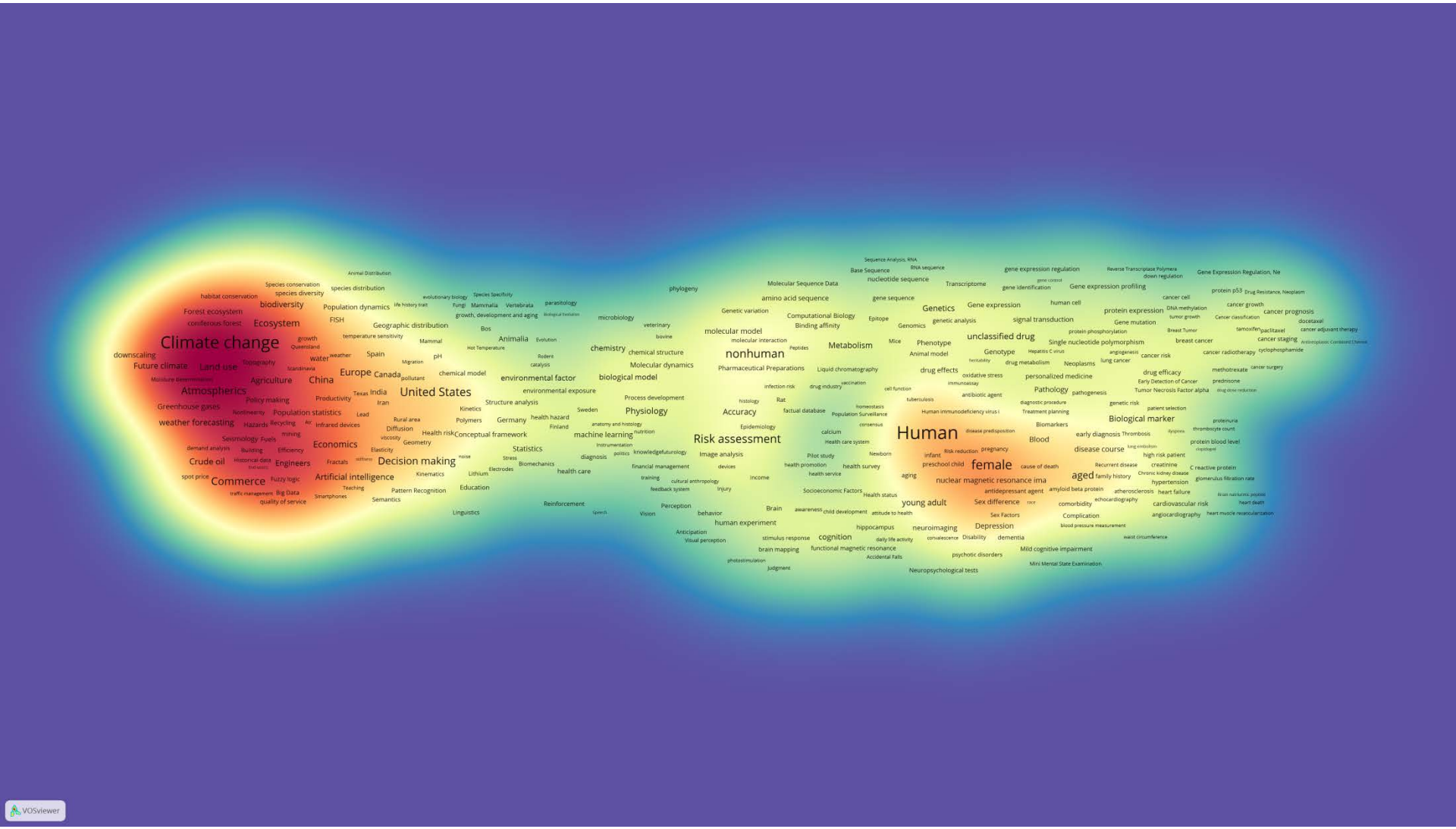
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (글로벌)



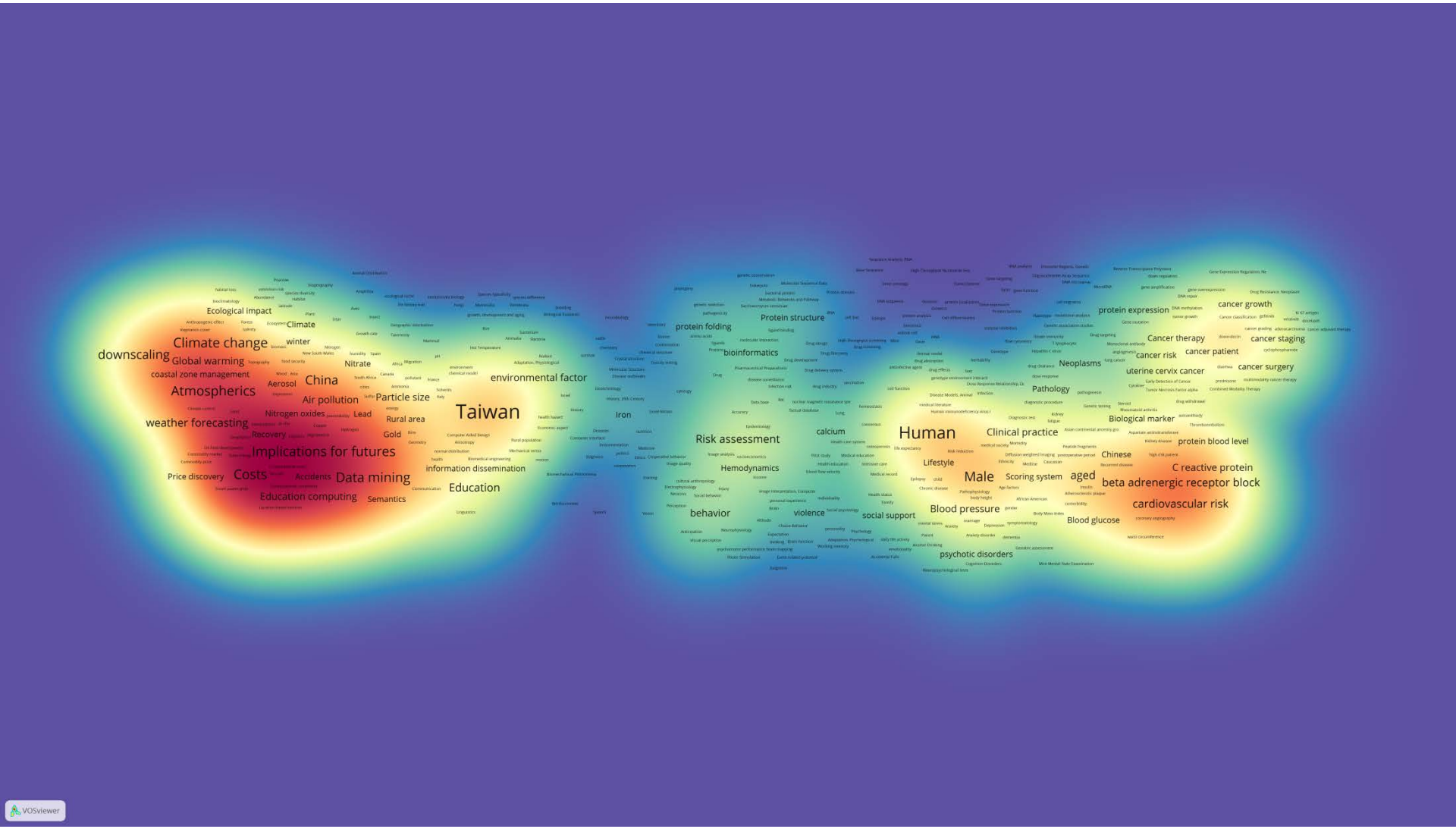
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (네덜란드)



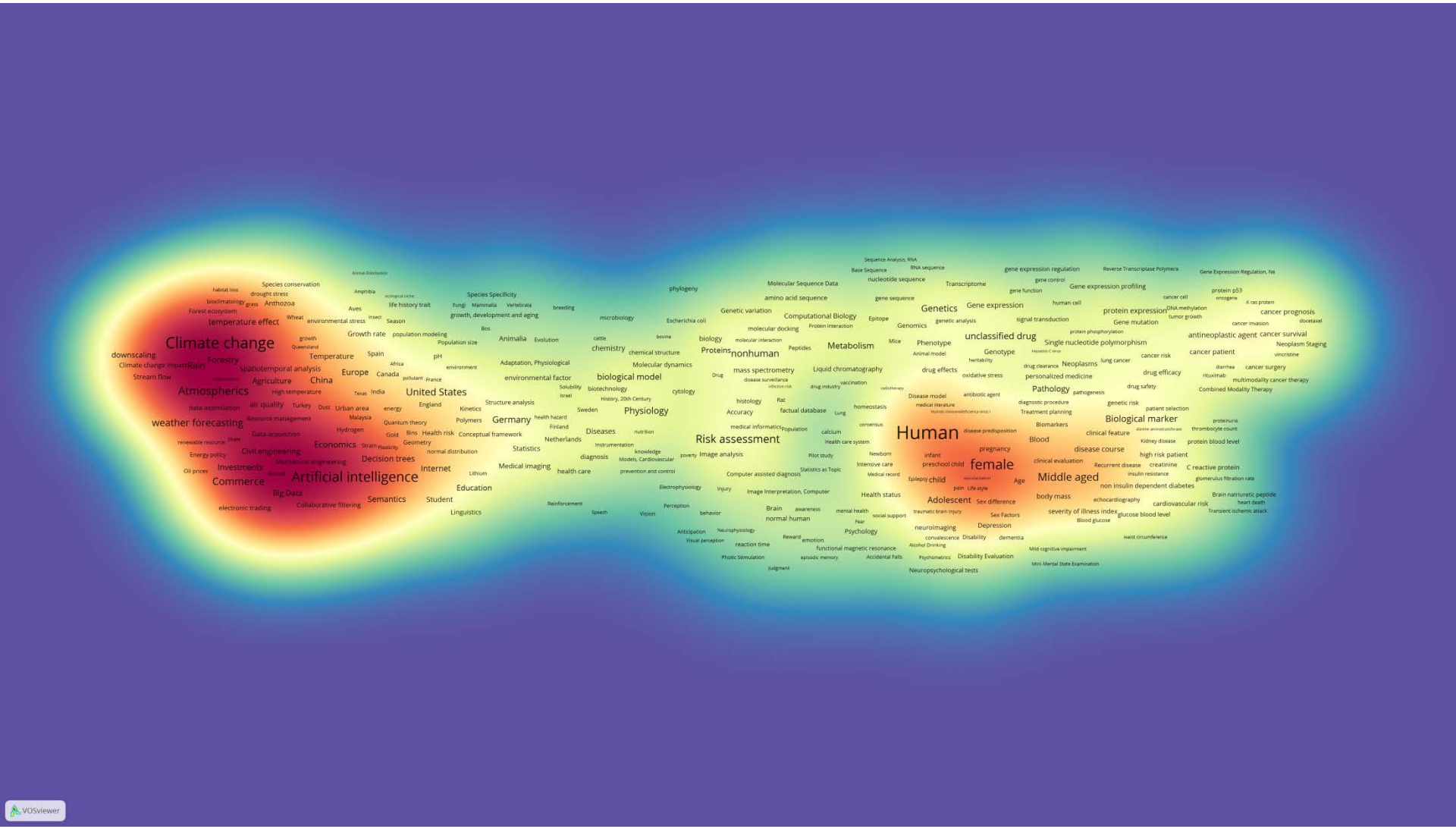
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (대만)



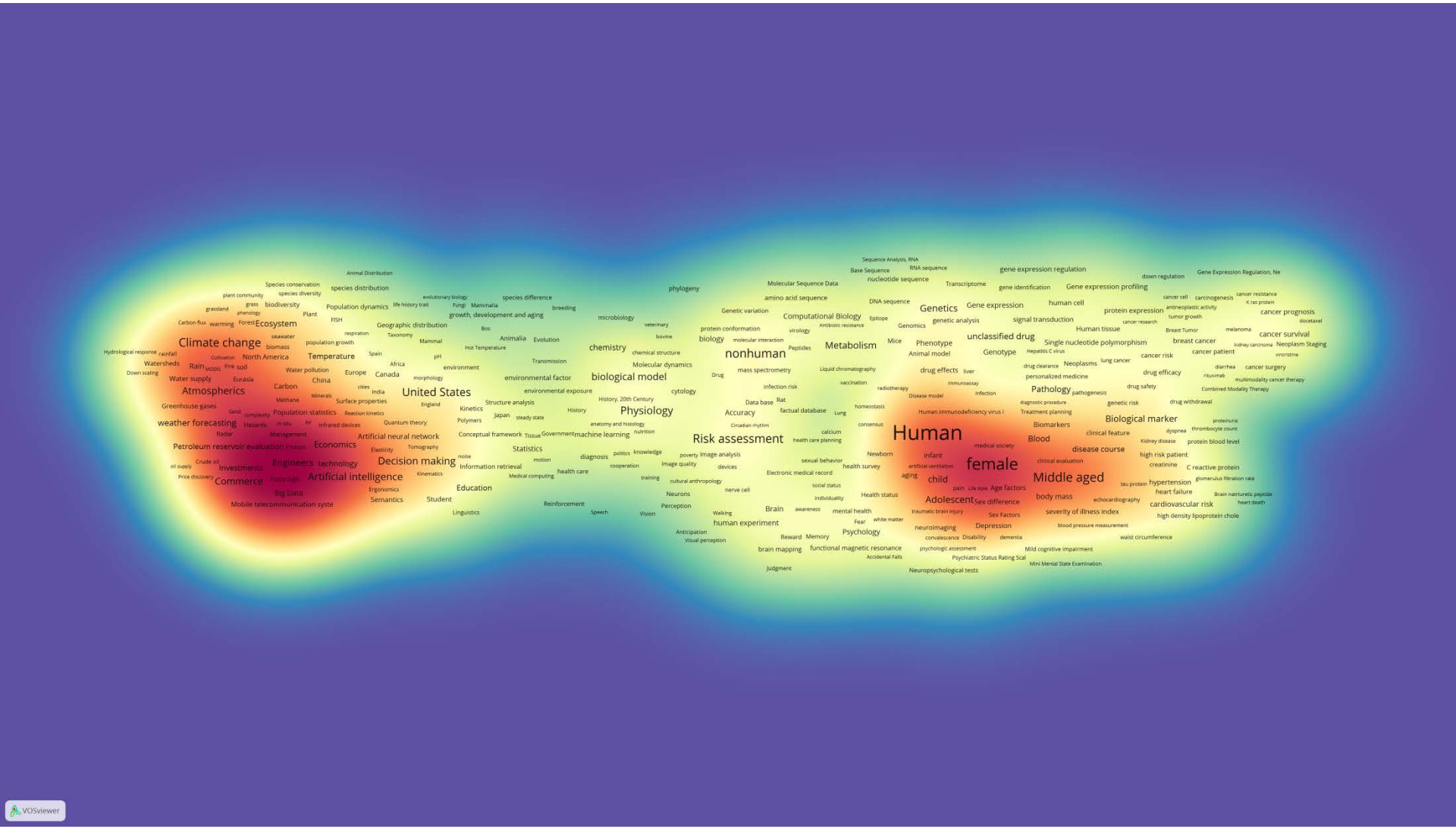
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (독일)



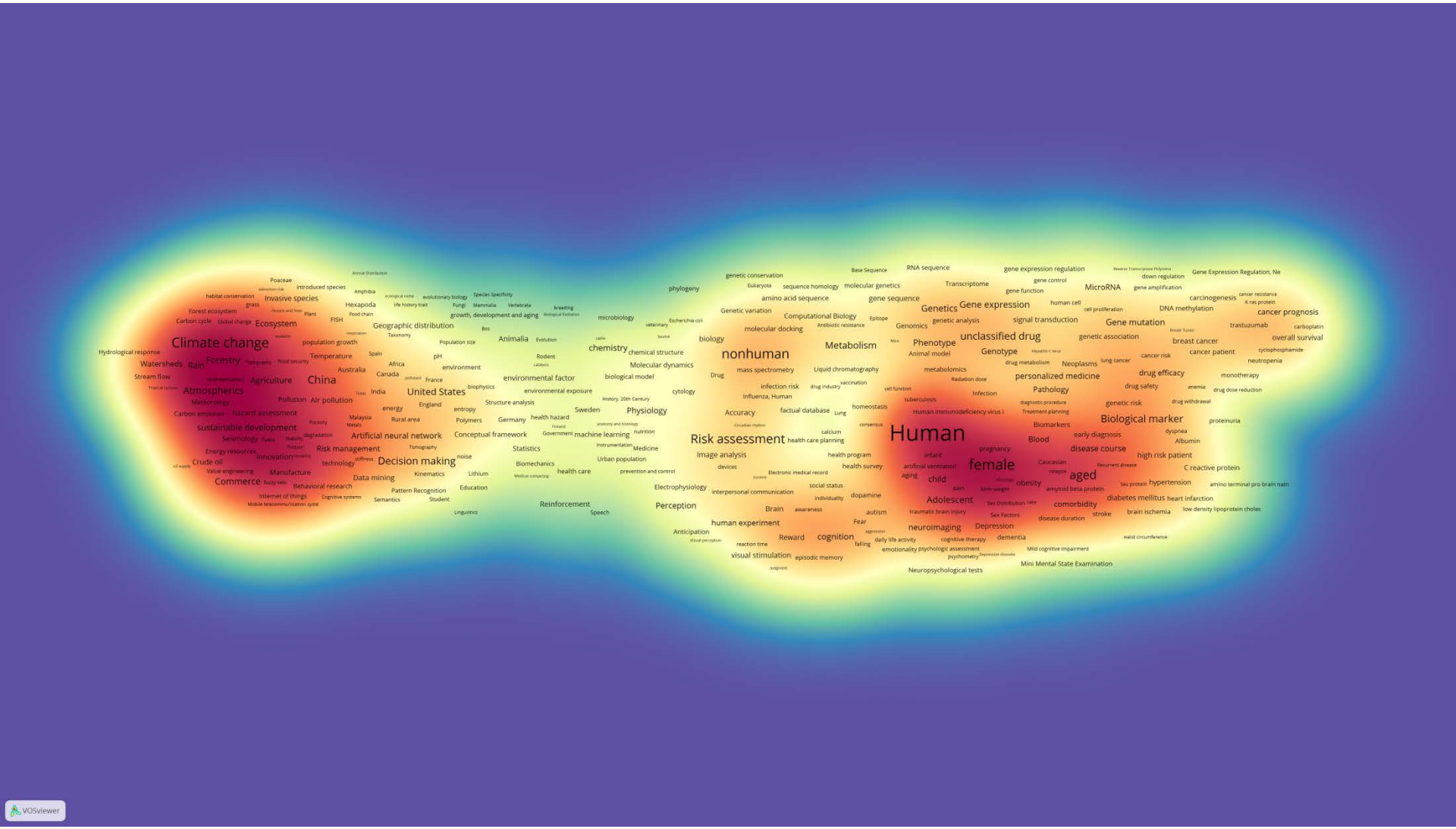
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (미국)



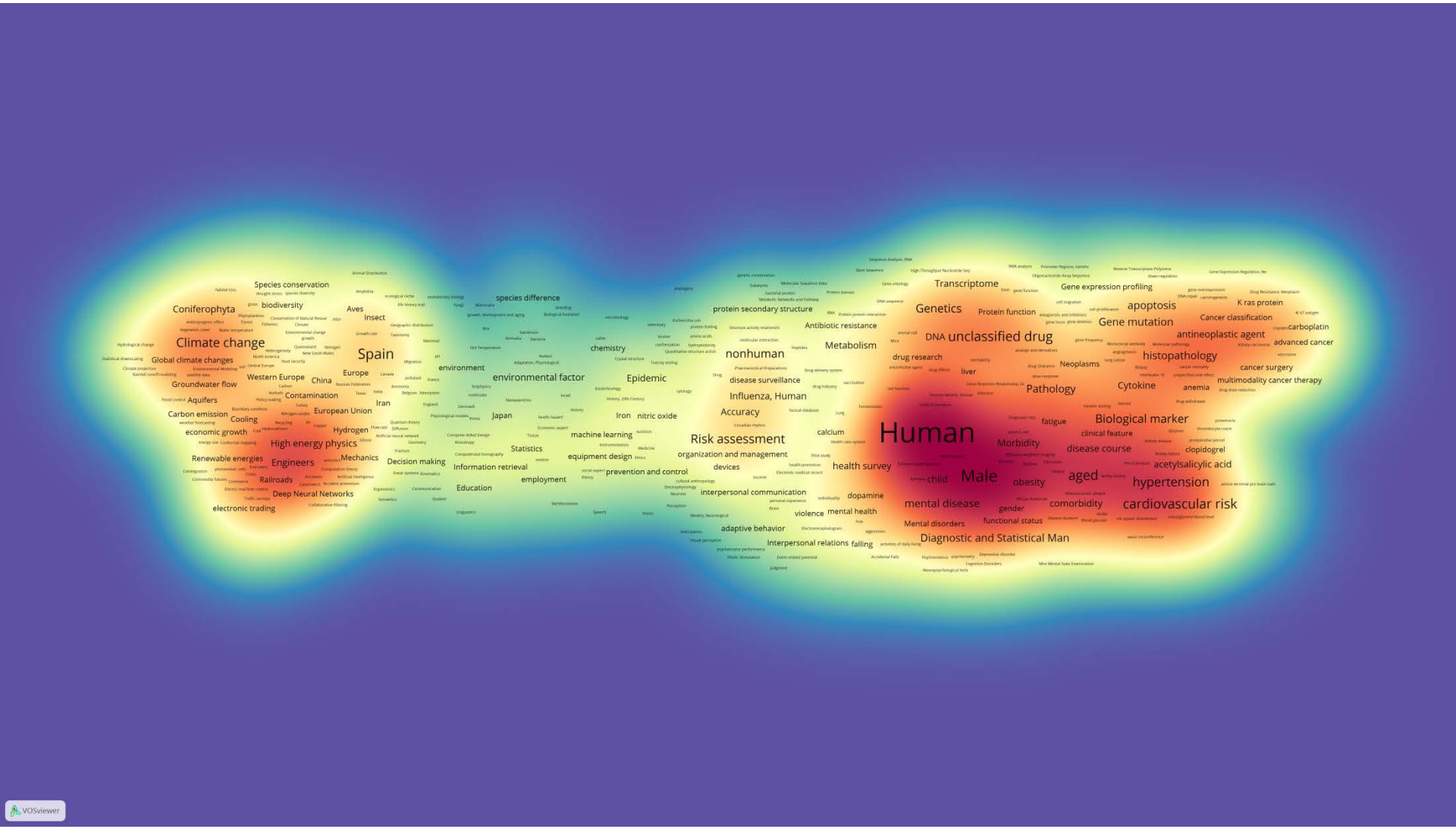
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (스위스)



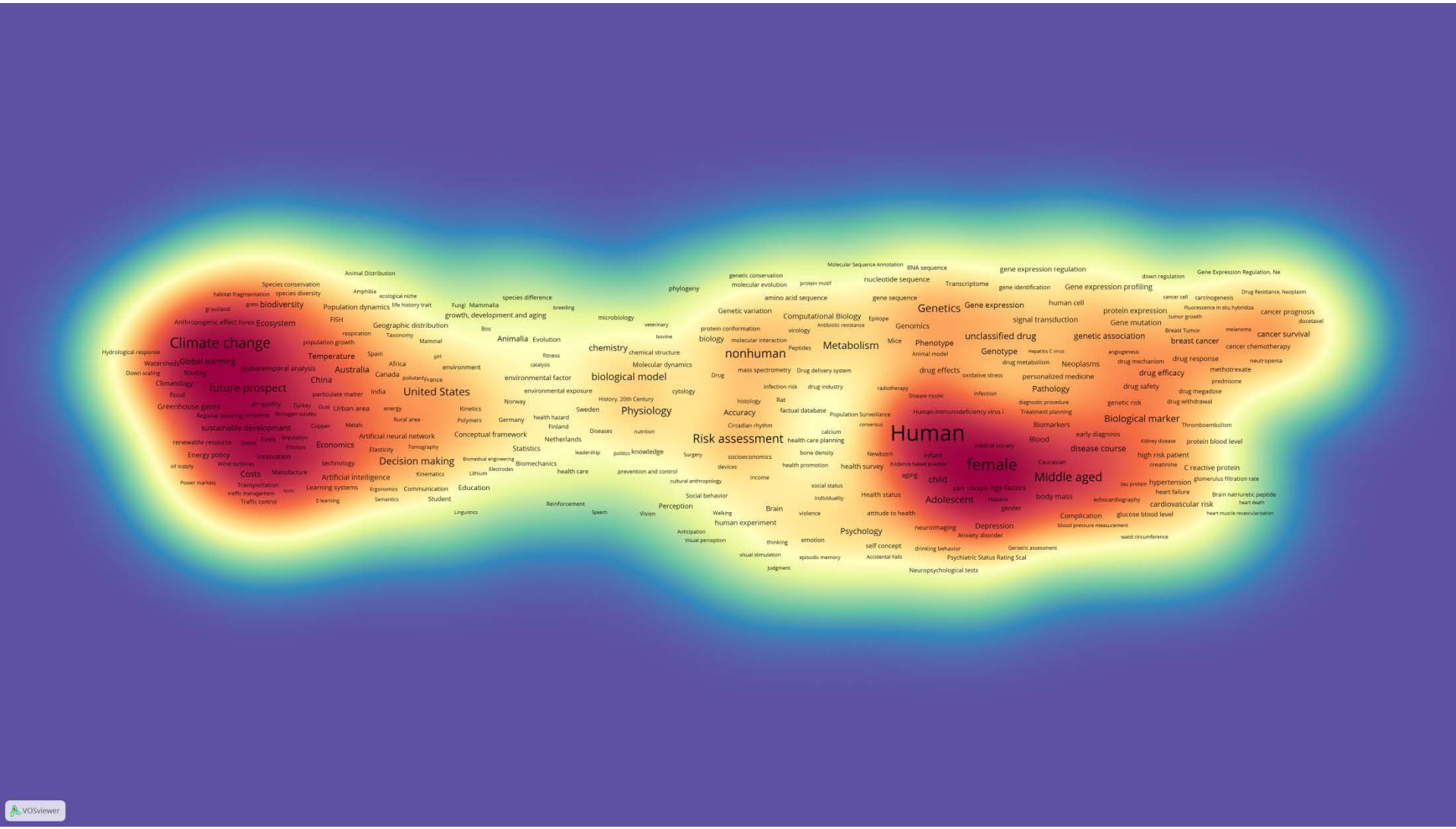
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (스페인)



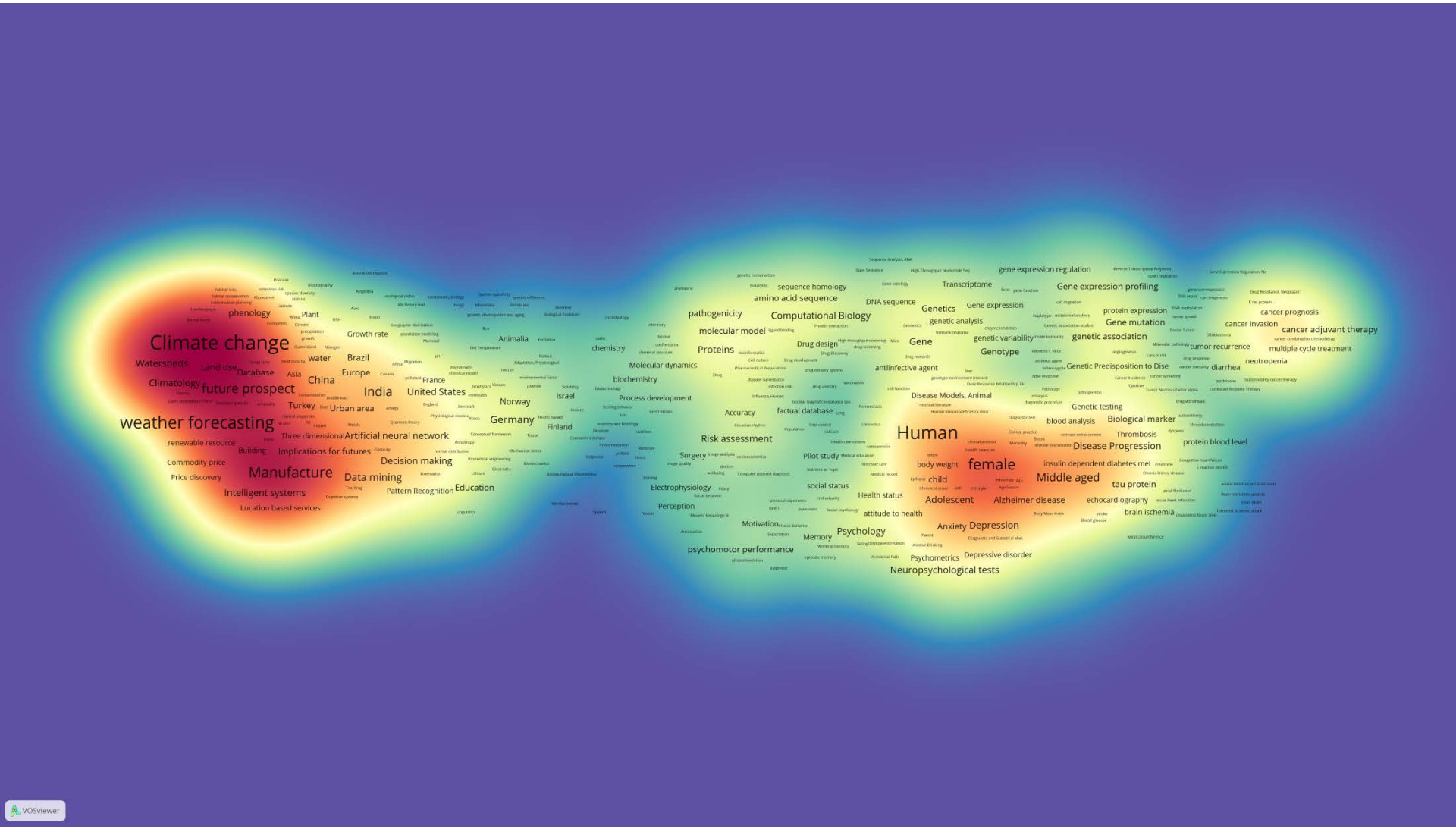
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (영국)


Climate change
future prospect
United States
biological model
Physiology
nonhuman
Risk assessment
Human
female
Middle aged
Adolescent
Decision making
Genetics
Metabolism
Psychology
Brain
Perception
Education
Economics
Costs
Artificial intelligence
Biological marker
Pathology
Genotype
Phenotype
unclassified drug
genetic association
breast cancer
cancer survival
cancer prognosis
gene expression
gene expression profiling
gene expression regulation
Computational Biology
Genetic variation
Ecosystem
biodiversity
Australia
China
Temperature
Global warming
Greenhouse gases
sustainable development
Energy policy
Learning systems
Artificial neural network
Conceptual framework
Statistics
Netherlands
Sweden
Norway
Germany
Finland
Canada
Africa
Spain
India
Turkey
Urban area
Rural area
Population dynamics
Geographic distribution
growth, development and aging
Animalia
Evolution
chemistry
Molecular dynamics
environmental factor
environmental exposure
Accuracy
Health status
Depression
Anxiety disorder
Complication
cardiovascular risk
glucose blood level
hypertension
heart failure
Brain natriuretic peptide
glomerulus filtration rate
C reactive protein
protein blood level
high risk patient
disease course
early diagnosis
Blood
Biomarkers
Thromboembolism
drug efficacy
drug safety
drug response
drug effects
personalized medicine
Neoplasms
methotrexate
cancer chemotherapy
neutropenia
Signal transduction
Genomics
Mice
Animal model
Drug delivery system
mass spectrometry
Molecular Sequence Annotation
RNA sequence
nucleotide sequence
Transcriptome
gene identification
amino acid sequence
gene sequence
protein motif
molecular evolution
genetic conservation
phylogeny
microbiology
species difference
Animal Distribution
Species conservation
habitat fragmentation
species diversity
Amphibia
ecological niche
life history trait
Fungi
Mammalia
breeding
Anthropogenic effect
Forest
FISH
respiration
Taxonomy
Mammal
population growth
Bos
veterinary
bovine
protein conformation
molecular interaction
virology
Antibiotic resistance
Epitope
Peptides
Hydrological response
Watersheds
Down scaling
flooding
Climatology
flood
Spatio-temporal analysis
pH
environment
pollutant
France
particulate matter
India
Urban area
energy
Kinetics
Polymers
Metals
Copper
renewable resource
innovation
technology
Biomechanics
Biomedical engineering
Electrodes
Lithium
Kinematics
Communication
Student
Ergonomics
Semantics
E-learning
Traffic control
Transportation
traffic management
Power markets
oil supply
Wind turbines
Manufacture
Elasticity
Tomography
Emissions
Pollution
Regulation
Forests
Nitrogen oxides
Regional planning complexity
catalysis
fitness
History, 20th Century
cytology
Drug
Infection risk
drug industry
histology
Rat
factual database
Population Surveillance
Circadian rhythm
calcium
health care planning
bone density
socioeconomics
devices
health promotion
health survey
Newborn
infant
aging
child
Caucasian
Hispanic
Evidence-based practice
Age factors
Gender
Social status
individuality
Health status
attitude to health
violence
Walking
human experiment
Anticipation
Visual perception
thinking
emotion
visual stimulation
episodic memory
Judgment
self concept
Accidental Falls
drinking behavior
neuroimaging
Geriatric assessment
Psychiatric Status Rating Scal
Neuropsychological tests
blood pressure measurement
waist circumference
heart muscle revascularization
heart death
echocardiography
body mass
creatinine
tau protein
Kidney disease
medical society
Treatment planning
Human immunodeficiency virus i
Disease model
Infection
diagnostic procedure
genetic risk
drug withdrawal
drug megadose
prednisone
Hepatitis C virus
angiogenesis
drug metabolism
drug mechanism
Oxidative stress
Drug resistance, Neoplasm
Gene Expression Regulation, Ne
down regulation
cancer cell
carcinogenesis
tumor growth
Fluorescence in situ hybridiza
Breast Tumor
melanoma
docetaxel
Gene mutation
Antibiotic resistance
Cytology
Surgery
knowledge
politics
leadership
nutrition
Diseases
prevention and control
health care
cultural anthropology
Reinforcement
Speech
Vision
Linguistics
Social behavior
Nitrogen oxides
Rural area
Copper
Metals
Polymers
Germany
Finland
Netherlands
Sweden
Norway
Statistics
Conceptual framework
Artificial neural network
Economics
Elasticity
Tomography
Decision making
Biomechanics
Biomedical engineering
Electrodes
Lithium
Kinematics
Communication
Student
Ergonomics
Semantics
E-learning
Traffic control
Transportation
traffic management
Power markets
oil supply
Wind turbines
Manufacture
Costs
Artificial intelligence
Learning systems
Education
Linguistics
Reinforcement
Speech
Vision
Perception
Brain
Walking
human experiment
Anticipation
Visual perception
thinking
emotion
visual stimulation
episodic memory
Judgment
Psychology
self concept
Accidental Falls
drinking behavior
neuroimaging
Geriatric assessment
Psychiatric Status Rating Scal
Neuropsychological tests
Anxiety disorder
Depression

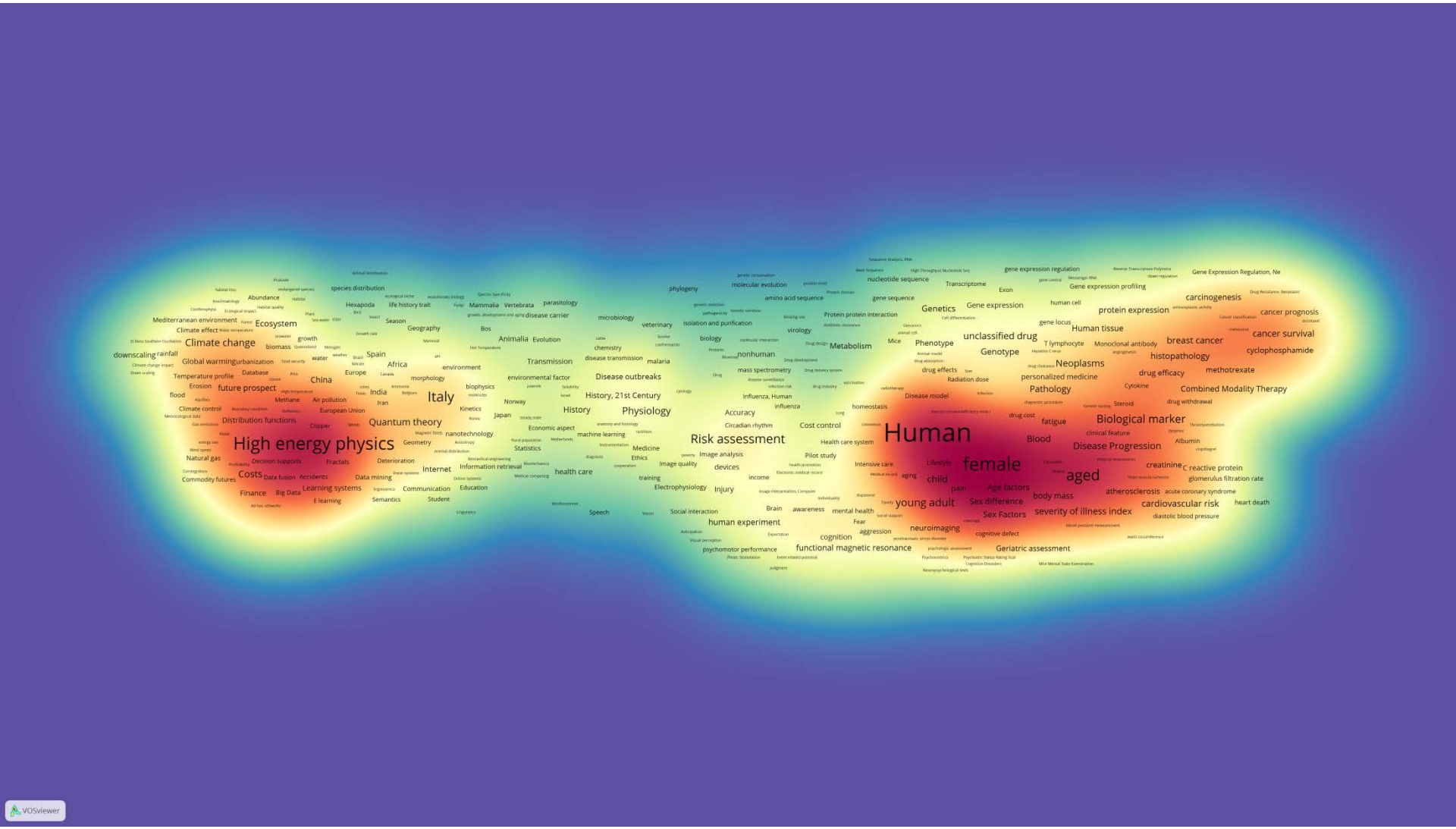
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (오스트리아)



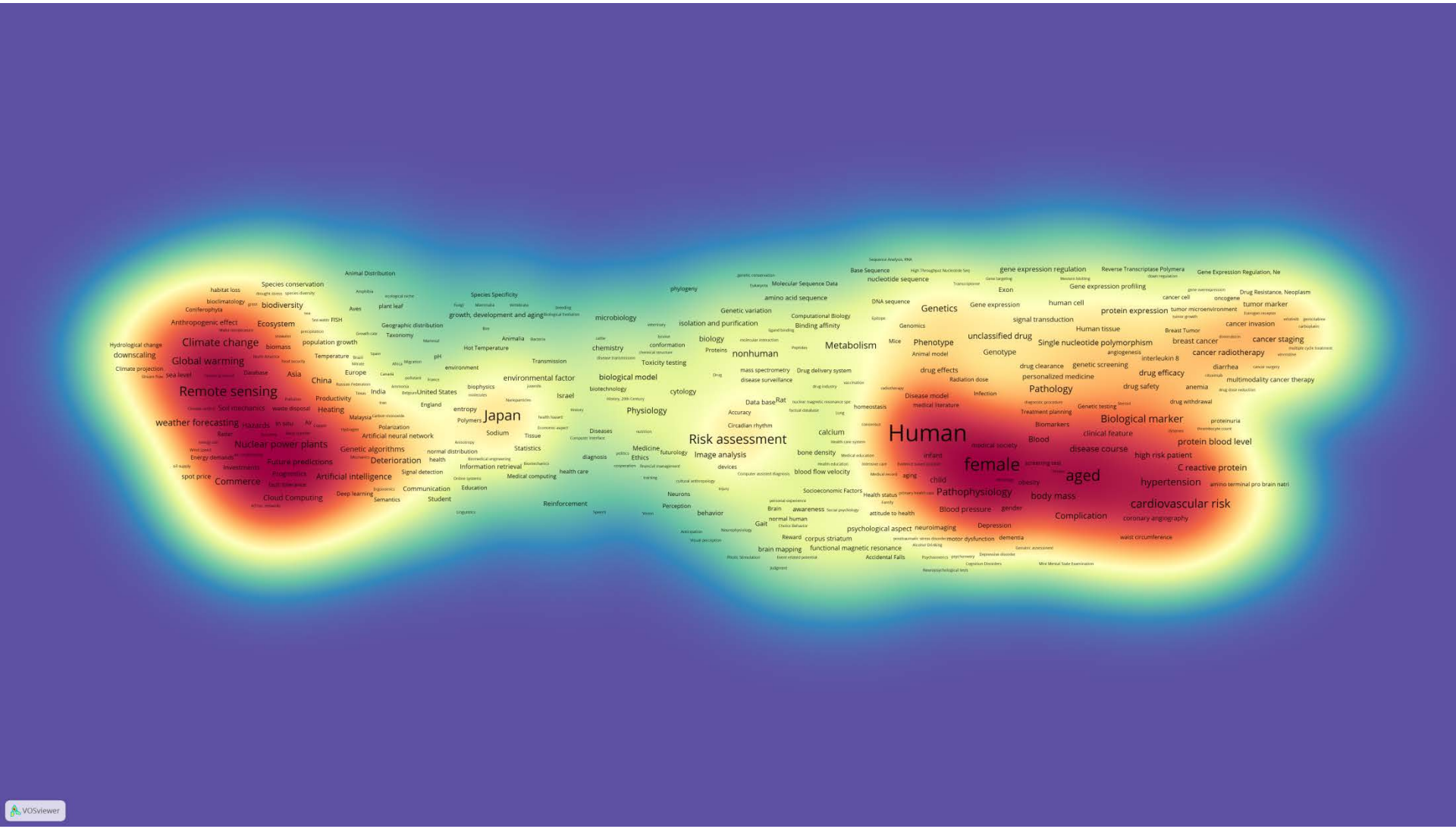
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (이탈리아)



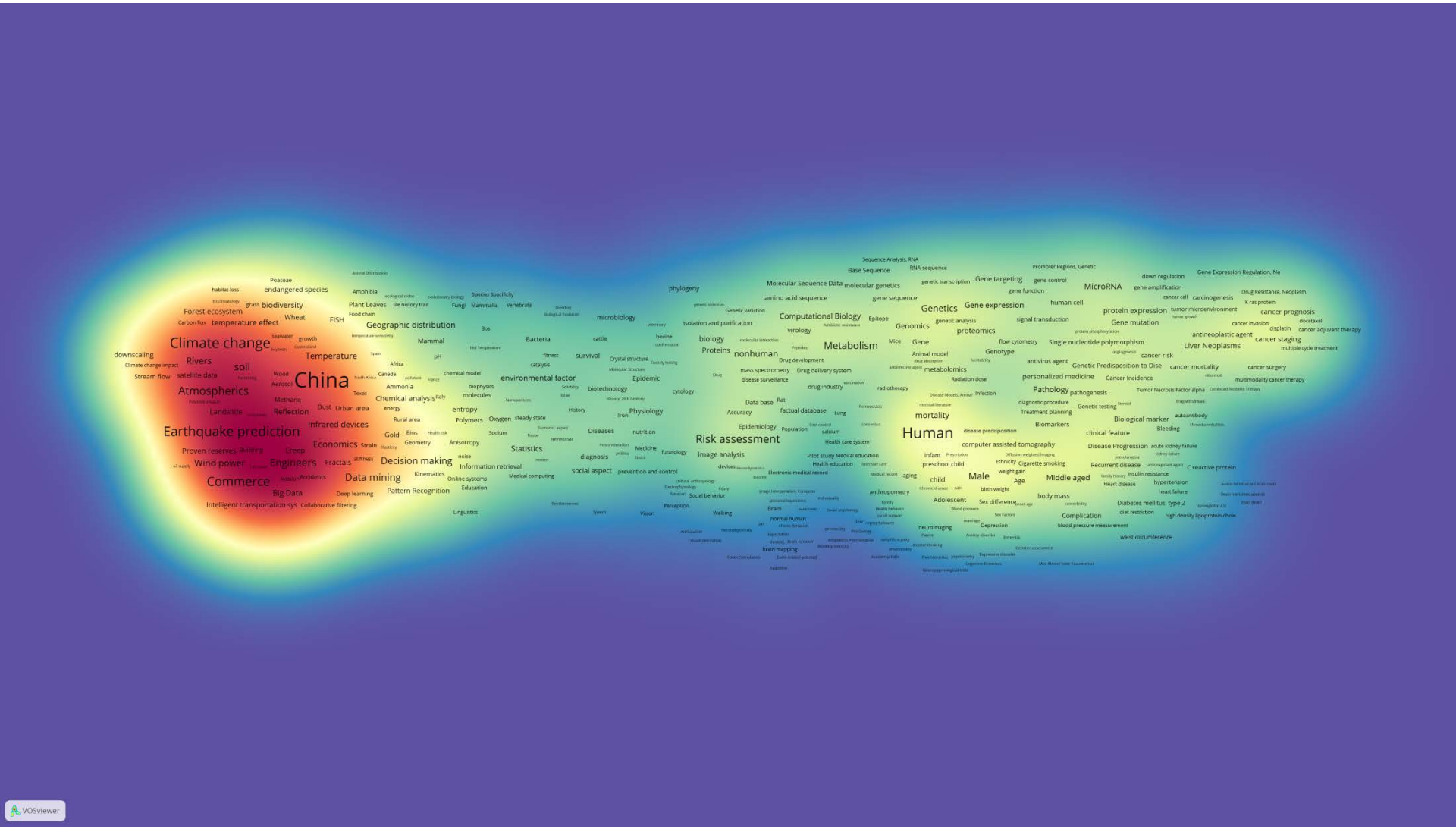
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (일본)


Human
female
aged
Risk assessment
Japan
Remote sensing
Climate change
Global warming
Nuclear power plants
Genetics
Metabolism
Biological marker
cardiovascular risk
Pathophysiology
Pathology
Phenotype
Physiology
biological model
environmental factor
Artificial intelligence
Commerce
weather forecasting
Deterioration
Genetic algorithms
Future predictions
Cloud Computing
Medicine
Ethics
Image analysis
Reinforcement
Information retrieval
Medical computing
Statistics
Diseases
Biodiversity
Ecosystem
Anthropogenic effect
Species conservation
Animal Distribution
Species Specificity
Geographic distribution
population growth
Hot Temperature
Transmission
Toxicity testing
chemistry
microbiology
isolation and purification
Genetic variation
Molecular Sequence Data
amino acid sequence
nucleotide sequence
gene expression regulation
Reverse Transcriptase Polymera
Gene Expression Regulation, Ne
Gene expression profiling
Drug Resistance, Neoplasm
tumor marker
cancer invasion
cancer staging
breast cancer
cancer radiotherapy
multimodality cancer therapy
protein blood level
C reactive protein
hypertension
body mass
Complication
Blood pressure
Blood
Biomarkers
clinical feature
disease course
high risk patient
Human tissue
Single nucleotide polymorphism
unclassified drug
Genotype
Gene expression
human cell
signal transduction
protein expression
tumor microenvironment
Exon
DNA sequence
Computational Biology
Binding affinity
Proteins
nonhuman
biology
Animal model
drug effects
personalized medicine
drug safety
anemia
diarrhea
drug withdrawal
genetic screening
interleukin 8
Disease model
medical literature
Radiation dose
Infection
Treatment planning
Genetic testing
proteinuria
Circadian rhythm
calcium
bone density
blood flow velocity
Accuracy
Data base
Rat
homeostasis
Neurons
Perception
behavior
Gait
Brain
awareness
psychological aspect
neuroimaging
Depression
motor dysfunction
dementia
brain mapping
functional magnetic resonance
Accidental Falls
Reward
corpus striatum
Socioeconomic Factors
Health status
attitude to health
coronary angiography
waist circumference
child
obesity
aging
infant
Medical education
Health education
Intensive care
Medical record
Family
Primary health care
Social psychology
Personal experience
Choice Behavior
Neurophysiology
Visual perception
Association
Alcohol Drinking
Genetic assessment
Psychiatry
Psychometrics
Depression disorder
Cognition Disorders
Mini Mental State Examination
Neuropsychological tests
Photic Stimulation
Event related potential
Judgment
Speech
Vocal
Linguistics
Ergonomics
Injury
Training
Cultural anthropology
Computer assisted diagnosis
Computer interface
Health care system
Medical society
Medical education
Intensive care
Patient safety
Screening test
Diagnostic procedure
Thrombocyte count
Leukocyte count
Gene targeting
Western blotting
Gene overexpression
Estrogen receptor
Genetic screening
Multiple cycle treatment
Cancer surgery
Drug dose reduction
Genetic testing
Drug withdrawal
Thyroid
Cancer
Breast Tumor
Breast cancer
Oncogene
Cancer cell
Genomics
Epitope
Mice
Peptides
Ligand binding
Molecular interaction
Chemical structure
Disease transmission
Drug
Drug industry
Vaccination
Radiotherapy
Nuclear magnetic resonance spe
Factual database
Economic aspect
Nutrition
Computer interface
Health care system
Medical education
Intensive care
Patient safety
Screening test
Diagnostic procedure
Thrombocyte count
Leukocyte count
Gene targeting
Western blotting
Gene overexpression
Estrogen receptor
Genetic screening
Multiple cycle treatment
Cancer surgery
Drug dose reduction
Genetic testing
Drug withdrawal
Thyroid
Cancer
Breast Tumor
Breast cancer
Oncogene
Cancer cell
Genomics
Epitope
Mice
Peptides
Ligand binding
Molecular interaction
Chemical structure
Disease transmission
Drug
Drug industry
Vaccination
Radiotherapy
Nuclear magnetic resonance spe
Factual database
Economic aspect
Nutrition
Computer interface
Health care system
Medical society

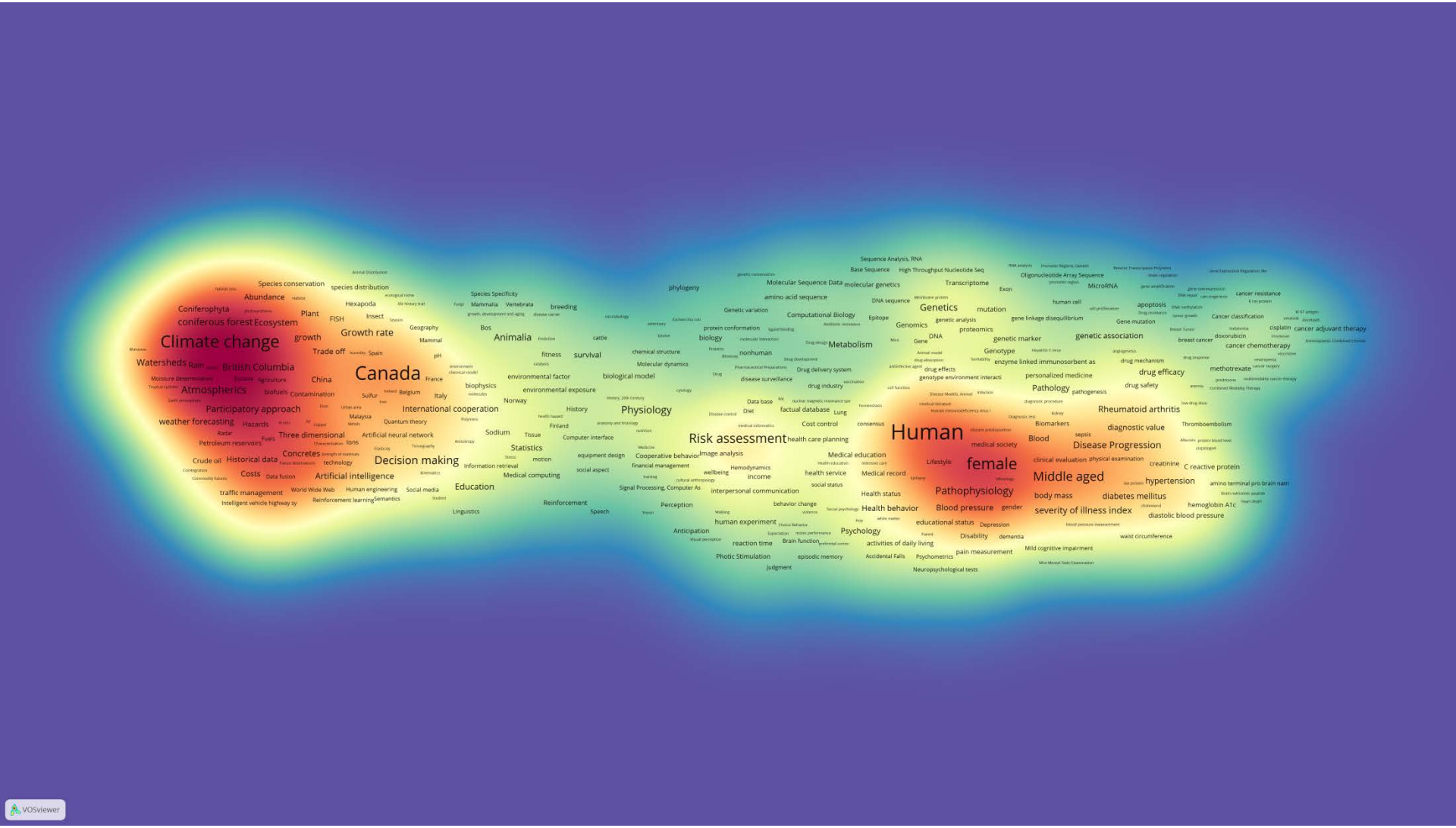
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (중국)



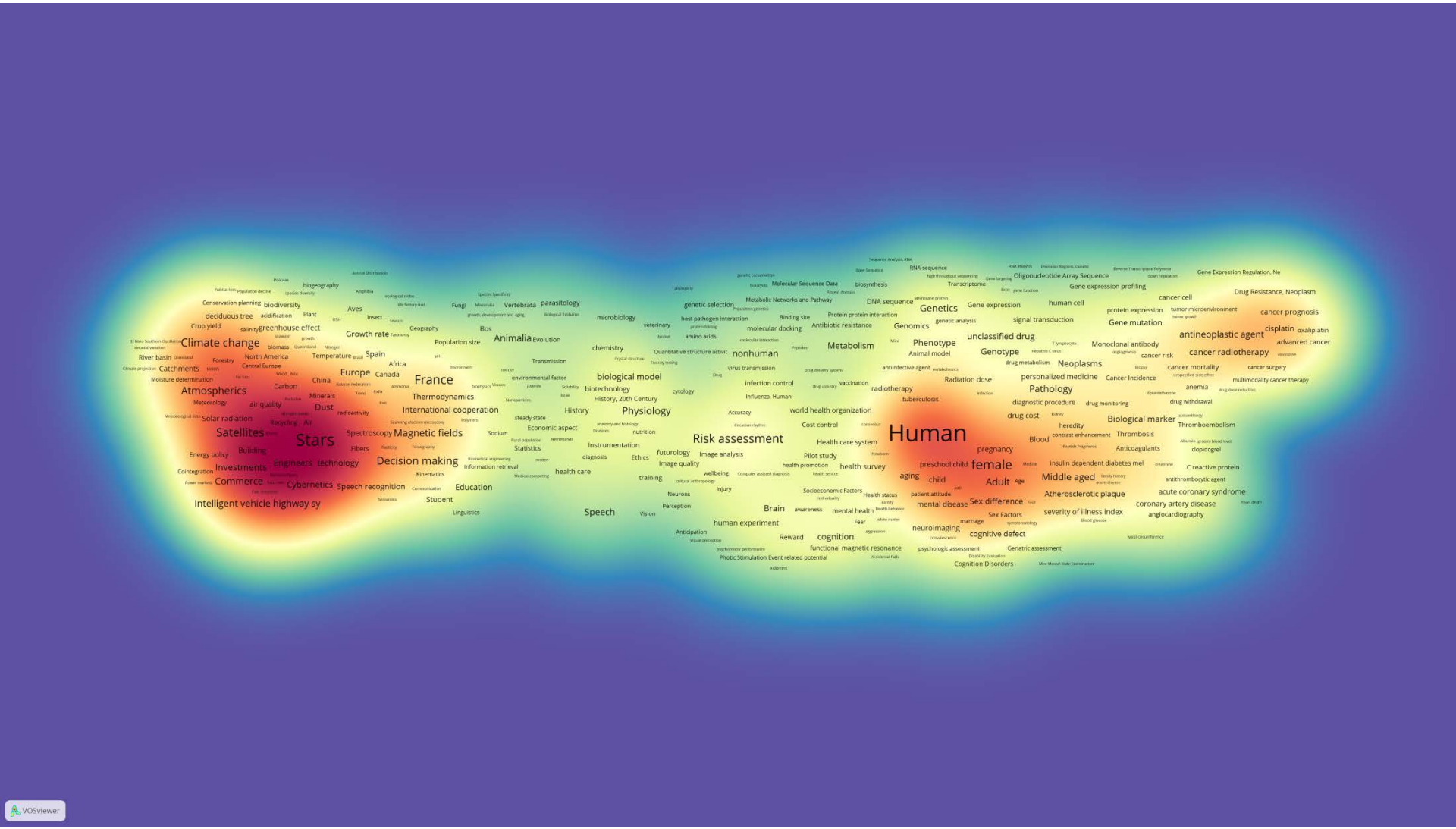
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (캐나다)



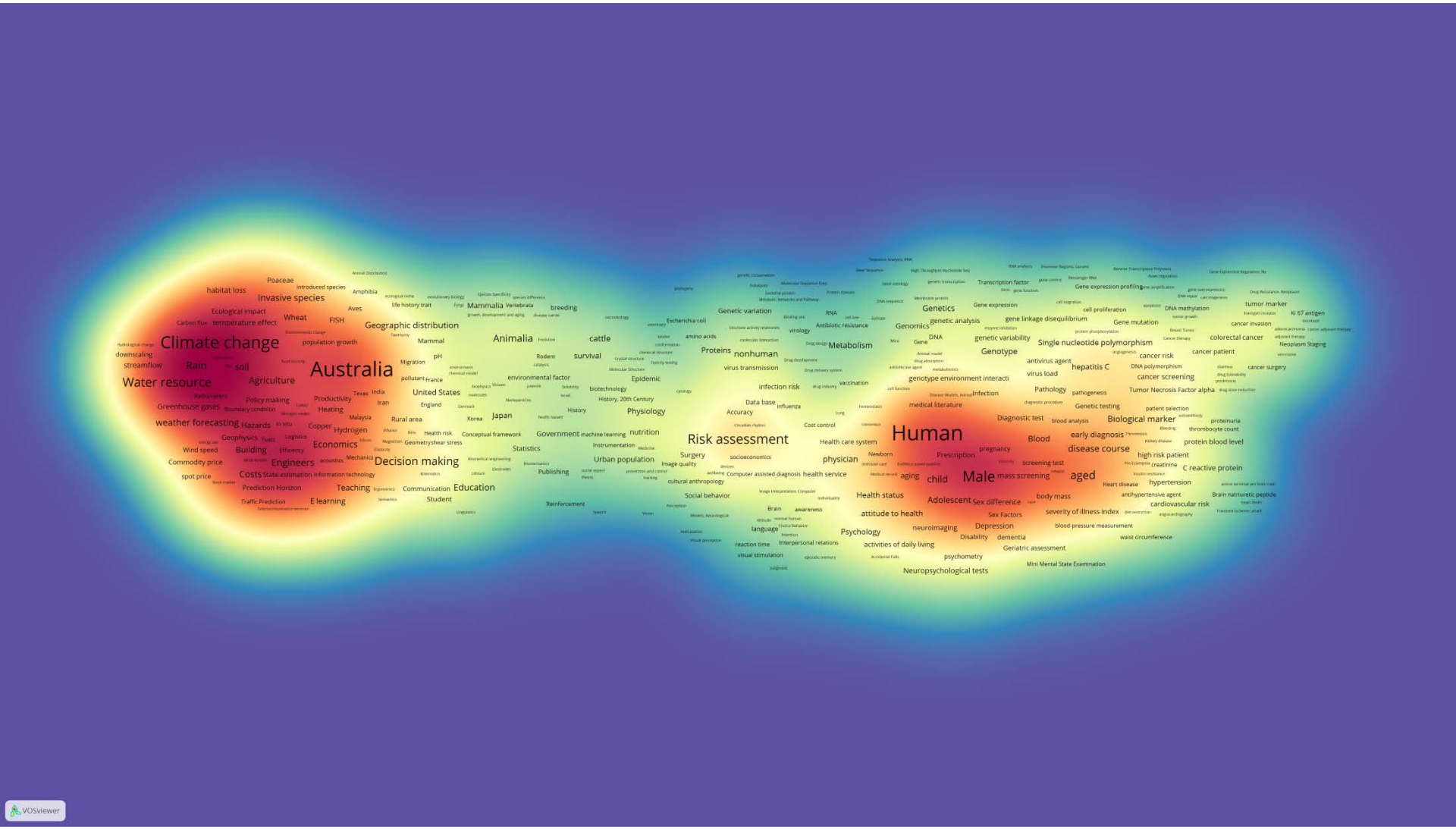
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (프랑스)


Human
Risk assessment
Stars
Climate change
Atmospherics
Satellites
France
Physiology
Metabolism
Genetics
Decision making
Commerce
Cybernetics
Speech
Brain
cognition
female
Middle aged
Adult
Pathology
Neoplasms
Genotype
Phenotype
Genomics
Animalia
Europe
Thermodynamics
Magnetic fields
Spectroscopy
Engineers
Investments
Intelligent vehicle highway sy
Education
Student
Speech recognition
Growth rate
Temperature
Spain
Canada
China
Africa
Catchments
North America
Central Europe
River basin
Forestry
Carbon
Minerals
Dust
Solar radiation
Recycling
Air
Energy policy
Building
Cointegration
Power markets
Conservation planning
biodiversity
biogeography
deciduous tree
acidification
Plant
Insect
Aves
Fungi
Vertebrata
parasitology
Geography
Bos
Population size
Evolution
Transmission
greenhouse effect
Crop yield
salinity
biomass
Moisture determination
Meteorology
air quality
radioactivity
International cooperation
History
History, 20th Century
biological model
biotechnology
environmental factor
Economic aspect
steady state
Sodium
Statistics
Instrumentation
Ethics
diagnosis
futurology
Image analysis
Image quality
health care
training
Information retrieval
Kinematics
Medical computing
Neurons
Perception
Vision
Linguistics
Semantics
Communication
Anticipation
Reward
human experiment
functional magnetic resonance
Photic Stimulation
Event related potential
Cognition Disorders
Geriatric assessment
psychologic assessment
neuroimaging
cognitive defect
marriage
Sex Factors
Sex difference
mental disease
severity of illness index
Atherosclerotic plaque
acute coronary syndrome
coronary artery disease
angiocardiography
C reactive protein
antithrombocytic agent
insulin dependent diabetes mel
clopidogrel
Anticoagulants
Thrombosis
Thromboembolism
Biological marker
Blood
contrast enhancement
pregnancy
preschool child
aging
child
Age
Pilot study
health promotion
health survey
Socioeconomic Factors
Health status
patient attitude
Fear
mental health
Health behavior
Health service
Computer assisted diagnosis
wellbeing
injury
Medical computing
Medicine
Newborn
Peptide fragments
Albumin
gross blood level
creatinine
family history
acute disease
Family
Heart disease
Blood glucose
waist circumference
Mini Mental State Examination
Disability Evaluation
Accidental falls
Drug industry
Drug delivery system
Drug
Toxicity testing
Crystal structure
Toxicity
Tissues
Brophysics
Israel
Navigation/Line
Polymers
Scanning electron microscopy
Anatomy and histology
Diseases
Rural population
Netherlands
Biomedical engineering
emotion
Medicine
Computer assisted diagnosis
Health service
cultural anthropology
Circadian rhythm
Accuracy
Cost control
consensus
Newborn
Medline

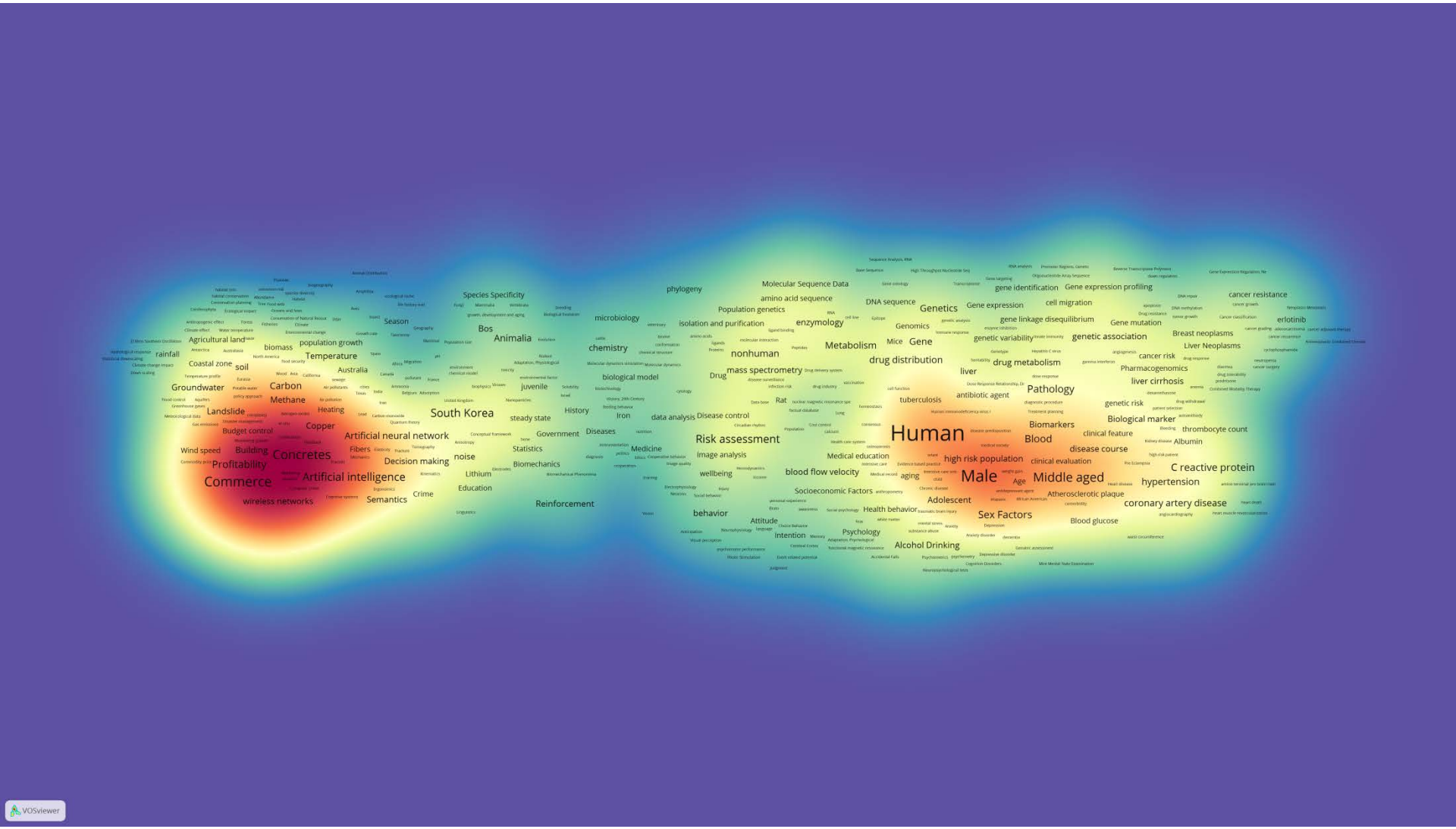
Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (호주)


Climate change
Australia
Water resource
Human
Risk assessment
Male
Decision making
Animalia
Genetics
Metabolism
Economics
Education
Engineers
Agriculture
Biological marker
Genotype
Genetic variation
Genomics
Physiology
Epidemic
Urban population
Health status
Adolescent
Psychology
Neuropsychological tests
Geographic distribution
Invasive species
Weather forecasting
Rain
Soil
Water resource
Greenhouse gases
Commodity price
Prediction Horizon
Traffic Prediction
E learning
Teaching
Student
Communication
Costs
Building
Wind speed
Geophysics
Hydrogen
Copper
Rural area
Japan
Korea
United States
Government
Statistics
Publishing
Reinforcement
Social behavior
Cultural anthropology
Computer assisted diagnosis
Health service
Health care system
Physician
Newborn
Prescription
Pregnancy
Child
Aging
Mass screening
Aged
Disease course
Early diagnosis
Blood
Screening test
Creatinine
C reactive protein
Protein blood level
High risk patient
Hypertension
Heart disease
Cardiovascular risk
Blood pressure measurement
Waist circumference
Geriatric assessment
Mini Mental State Examination
Psychometry
Dementia
Disability
Depression
Neuroimaging
Activities of daily living
Interpersonal relations
Reaction time
Visual stimulation
Language
Brain
Awareness
Attitude to health
Severity of illness index
Sex Factors
Sex difference
Body mass
Brain natriuretic peptide
Antihypertensive agent
Medical literature
Infection
Pathology
Pathogenesis
Tumor Necrosis Factor alpha
Genetic testing
Patient selection
Proteinuria
Thrombocyte count
Diagnostic test
Blood analysis
Cancer risk
Cancer screening
Cancer surgery
Cancer patient
Colorectal cancer
Neoplasm Staging
Ki 67 antigen
Tumor marker
Cancer invasion
Gene mutation
DNA methylation
Cell proliferation
Gene linkage disequilibrium
Genetic analysis
Genetic variability
Single nucleotide polymorphism
Genotype environment interacti
Antivirus agent
Hepatitis C
Virus load
DNA polymorphism
Gene expression profiling
Gene expression
Transcription factor
Antibiotic resistance
Virology
Proteins
Nonhuman
Virus transmission
Infection risk
Vaccination
Influenza
Data base
Accuracy
Cost control
Escherichia coli
Amino acids
Cattle
Survival
Rodent
Mammalia
Vertebrata
Breeding
Mammal
Migration
Pollutant
France
Environmental factor
Biotechnology
History, 20th Century
History
Machine learning
Nutrition
Instrumentation
Image quality
Surgery
Socioeconomics
Conceptual framework
Health risk
Geometryshear stress
Mechanics
Acoustics
Information technology
State estimation
Kinematics
Electrodes
Biomedical engineering
Biomechanics
Lithium
Ergonomics
Semantics
Linguistics
Speech
Voices
Perception
Models, Neurological
Visual perception
Judgment
Episodic memory
Accidental Falls
Choice Behavior
Intention
Normal human
Attitude
Social aspect
Prevention and control
Training
Therapy
Devices
Medicine
Electricity
Magnetism
Silicon
Energy use
Logistics
Fuels
Efficiency
Mechanical
Electronics
Boundary-condition
Heating
Productivity
Texas
India
Iran
Malaysia
Denmark
Israel
Navigation
Molecules
Biophysics
Solubility
Juvenile
Solution
Cytology
Molecular Structure
Toxicity testing
Crystal structure
Chemical structure
Conformation
Coatings
Veterinary
Structure activity relationship
Molecular interaction
Drug design
Drug development
Drug delivery system
Drug industry
Cell function
Homeostasis
Circadian rhythm
Consensus
Lung
Diagnostic procedure
Medical record
Interview case
Evidence based medicine
Insulin resistance
Kidney disease
Bleeding
Thrombosis
Antibodies
Antiarrhythmic agent
Heart death
Transient ischemic attack
Angiocardiography
Diet restriction
Race
Mice
Gene
Animal model
Drug absorption
Antiinfective agent
Metabolomics
Angiogenesis
Cancer therapy
Breast Tumor
Protein phosphorylation
Enzyme inhibition
Human genome
Cell cycle
Epitope
Binding site
Molecular Sequence Data
Bacterial proteins
Proteins Human
Metabolic networks and Pathways
Membrane proteins
DNA sequence
Exon
Gene function
Cell migration
Apoptosis
Gene amplification
Gene overexpression
DNA repair
Carcinogenesis
Tumor growth
Estrogen receptor
Ki 67 antigen
Adenocarcinoma
Cancer adjuvant therapy
Adjuvant therapy
Vincristine
Diarrhea
Drug tolerability
Prednisone
Drug dose reduction
Kidney
Thyroid
Gene Expression Regulation, Ne
Drug Resistance, Neoplasm
Genetic transcription
Gene ontology
Messenger RNA
Gene regulation
Reverse Transcriptase Polymerase
Promoter Regions, Genetic
Polymorphism
Sequence Analysis, RNA
High Throughput Nucleotide Seq
Genetic recombination
Eukaryotic
Molecular Sequence Data
Bacterial proteins
Proteins Human
Metabolic networks and Pathways
Phylogeny
Genetic variation
Escherichia coli

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (한국)


Human
Male
Middle aged
Risk assessment
Genetics
Metabolism
Pathology
Medicine
Commerce
Concretes
Artificial intelligence
Artificial neural network
Decision making
Profitability
Landslide
Groundwater
Agricultural land
Coastal zone
rainfall
Carbon
Methane
Heating
Copper
Budget control
Wind speed
Building
Fibers
Semantics
wireless networks
Crime
Education
Lithium
noise
Biomechanics
Statistics
Government
Diseases
Reinforcement
South Korea
steady state
History
Iron
juvenile
biological model
data analysis
Disease control
Drug
mass spectrometry
nonhuman
chemistry
Animalia
Bos
Season
Species Specificity
microbiology
phylogeny
Molecular Sequence Data
amino acid sequence
Population genetics
isolation and purification
enzymology
DNA sequence
Genomics
Mice
Gene
drug distribution
liver
drug metabolism
antibiotic agent
tuberculosis
Rat
Biomarkers
Blood
clinical feature
thrombocyte count
Albumin
disease course
high risk population
clinical evaluation
C reactive protein
hypertension
Atherosclerotic plaque
coronary artery disease
Blood glucose
Sex Factors
Adolescent
Age
aging
Medical education
blood flow velocity
Socioeconomic Factors
Health behavior
Psychology
Alcohol Drinking
Attitude
behavior
Intention
wellbeing
image analysis
gene identification
Gene expression profiling
cancer resistance
erlotinib
Breast neoplasms
Liver Neoplasms
genetic association
genetic variability
gene linkage disequilibrium
Gene mutation
Gene expression
cell migration
Pharmacogenomics
liver cirrhosis
genetic risk
Biological marker
cancer risk
Population
population growth
biomass
Temperature
Australia
soil
Coastal zone
rainfall
Landslide
Groundwater
Carbon
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Australia
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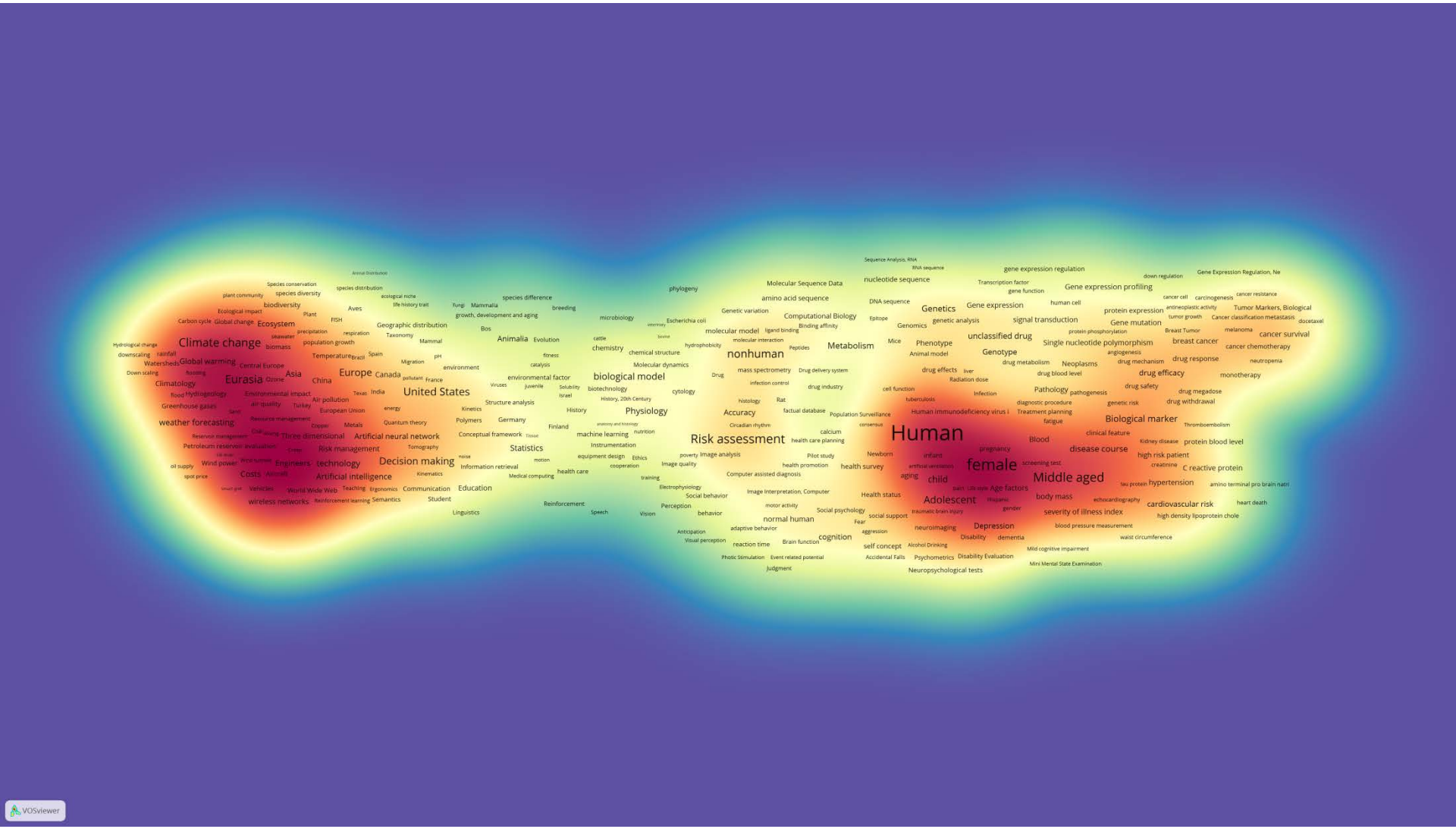
Coastal zone
rainfall
Landslide
Groundwater
Carbon
Methane
Heating
Copper
Budget control
Wind speed
Building

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (2008~2009)


Human
female
Middle aged
Risk assessment
nonhuman
Genetics
Climate change
United States
Europe
Eurasia
Asia
Ecosystem
biodiversity
Animalia
biological model
Physiology
Metabolism
Statistics
Decision making
technology
Artificial intelligence
Artificial neural network
Three dimensional
Risk management
Engineers
Costs
Education
Communication
weather forecasting
Climatology
Global warming
Greenhouse gases
Geographic distribution
Taxonomy
Mammal
Aves
Fish
Plant
Temperature
Canada
China
Germany
Finland
Spain
Brazil
India
Texas
Molecular Sequence Data
nucleotide sequence
amino acid sequence
phylogeny
Genetic variation
Computational Biology
molecular model
chemistry
chemical structure
Molecular dynamics
mass spectrometry
Drug delivery system
infection control
drug industry
Accuracy
factual database
Population Surveillance
Circadian rhythm
calcium
health care planning
Image analysis
Pilot study
Computer assisted diagnosis
Image Interpretation, Computer
Social behavior
Perception
behavior
motor activity
Social psychology
normal human
adaptive behavior
Anticipation
Visual perception
reaction time
Brain function
cognition
Photic Stimulation
Event related potential
Judgment
self concept
Accidental Falls
Alcohol Drinking
Psychometrics
Disability Evaluation
Neuropsychological tests
Depression
neuroimaging
Disability
dementia
Mild cognitive impairment
Mini Mental State Examination
Adolescent
Health status
Newborn
health survey
child
aging
Age factors
Blood
pregnancy
disease course
Biological marker
clinical feature
protein blood level
high risk patient
C reactive protein
hypertension
amino terminal pro brain natri
body mass
echocardiography
cardiovascular risk
heart death
severity of illness index
high density lipoprotein chole
blood pressure measurement
waist circumference
Gene expression
Genotype
Phenotype
Genomics
Metabolism
Mice
Animal model
unclassified drug
signal transduction
Gene mutation
protein expression
Gene expression profiling
gene expression regulation
Transcription factor
gene function
human cell
Single nucleotide polymorphism
breast cancer
cancer survival
cancer chemotherapy
drug response
drug efficacy
monotherapy
drug safety
drug megadose
drug withdrawal
Pathology
pathogenesis
drug metabolism
Neoplasms
drug mechanism
drug blood level
Radiation dose
Infection
Human immunodeficiency virus i
Treatment planning
fatigue
diagnostic procedure
genetic risk
Tumor Markers, Biological
Cancer classification metastasis
docetaxel
melanoma
Breast Tumor
tumor growth
Gene Expression Regulation, Ne
down regulation
carcinogenesis
cancer resistance
cancer cell
antineoplastic activity
Thromboembolism
Kidney disease
creatinine
screening test
tau protein
pain
Hispanic
gender
traumatic brain injury
Fear
aggression
Sequence Analysis, RNA
RNA sequence
DNA sequence
Epitope
Binding affinity
ligand binding
molecular interaction
Peptides
hydrophobicity
Drug
cytology
histology
Rat
tuberculosis
cell function
Population
consensus
Image quality
poverty
health promotion
training
Electrophysiology
Speech
Vision
Reinforcement
Linguistics
Semantics
Student
Teaching
Ergonomics
World Wide Web
Vehicles
Reinforcement learning
wireless networks
Kinematics
Medical computing
Information retrieval
noise
motion
Tomography
Quantum theory
Metals
Copper
Petroleum reservoir evaluation
Reservoir management
Resource management
Air pollution
Air quality
Turkey
European Union
Environmental impact
Hydrogeology
Ozone
Central Europe
Watersheds
Hydrological change
downscaling
rainfall
Down scaling
housing
flood
oil supply
spot price
Wind power
Carbon cycle
Global change
Ecological impact
plant community
species diversity
species distribution
Species conservation
ecological niche
life history trait
Fungi
Mammalia
growth, development and aging
species difference
breeding
Bos
population growth
precipitation
respiration
seawater
biomass
Migration
pH
environment
fitness
catalysis
Viruses
Juvenile
Solubility
Israel
Structure analysis
Kinetics
Polymers
Conceptual framework
Tissue
Instrumentation
equipment design
Ethics
cooperation
health care
Image analysis
microbiology
Escherichia coli
veterinary
bovine
cattle
hydrophobicity
molecular interaction
Molecular dynamics
biotechnology
History, 20th Century
History
anatomy and histology
nutrition
machine learning
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infection control
drug industry
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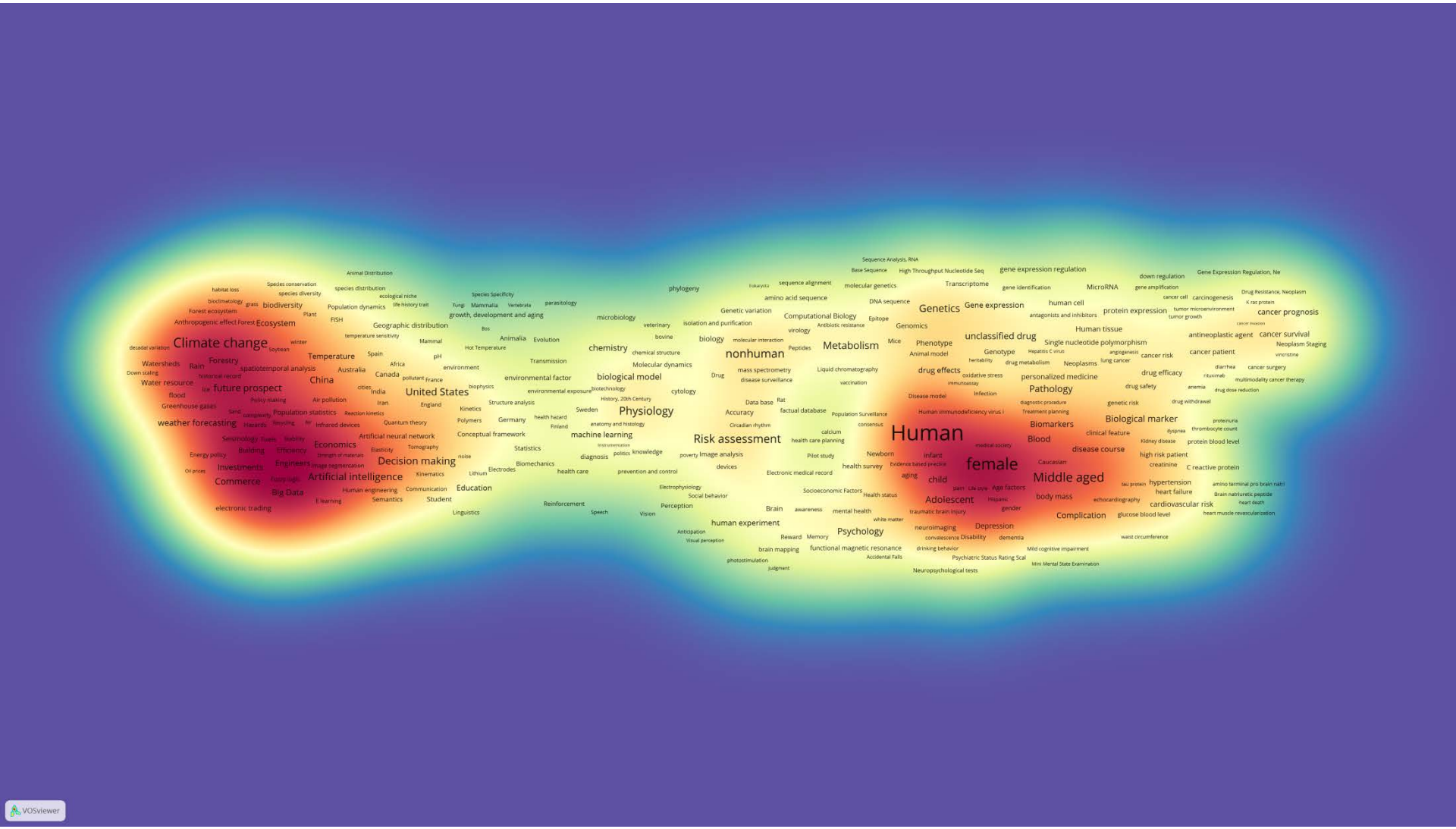
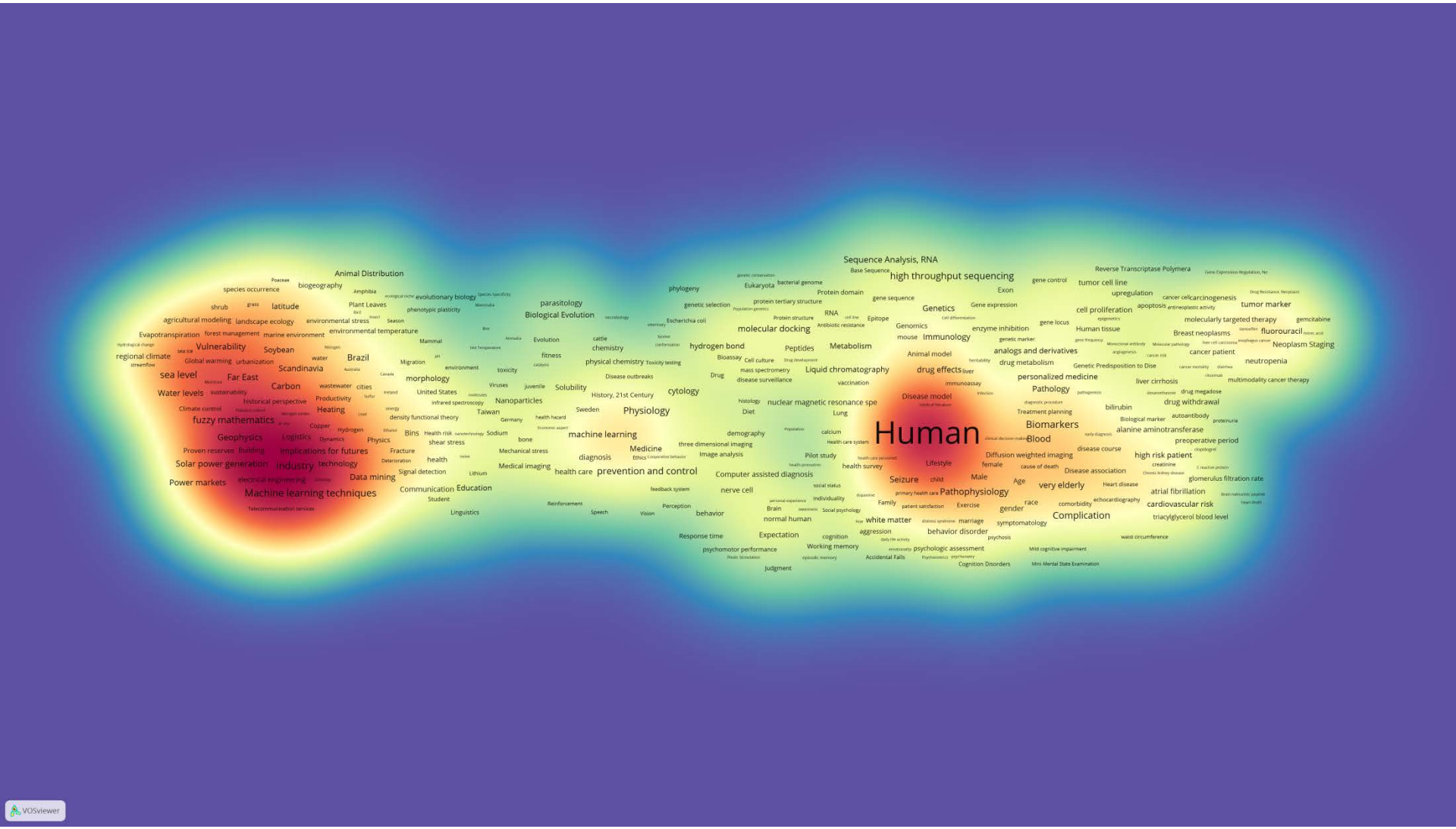
Mild cognitive impairment
Mini Mental State Examination
Drug effects
liver
Radiation dose
drug blood level
Infection
Human immunodeficiency virus i
Treatment planning
fatigue
diagnostic procedure
genetic risk
tuberculosis
cell function
Population Surveillance

Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 밀도맵 (2016~2017)



Overlay Mapping 분석 (3차 분석)

- 인덱스키워드: 네트워크맵 (증가율)