

Informace o oborech

Kromě údajů o výstupech jednotlivých ústavů je součástí „Zprávy o výzkumné činnosti ústavů AV ČR za období 2012-2016“ (dále jen „Zpráva“) také informace o oborech. Posouzení výkonnosti ústavů nebo týmů nezbytně zahrnuje i oborové zvláštnosti v mezinárodním měřítku (např. frekvenci publikování) nebo národním měřítku (např. zastoupení kvality pro různé typy spolupráce) a rozvoj oborů, měřeno např. počtem výstupů (publikací nebo patentů).

Velikost oborů ve světě a v AV (měřeno počtem výstupů) a jejich vývoj v čase

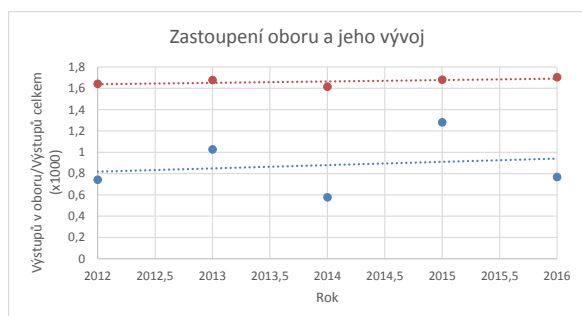
Pro rozhodování o tom, který tým nebo ústav má být do budoucna více podpořen je důležitá nejen výkonnost, ale také perspektiva tematiky (oboru). Pro lepší orientaci v tom, jak si který obor vede z hlediska zastoupení ve světě a v ČR, byly vypracovány údaje o oborech („Velikost a vývoj oborů ve světě a AV“). V tomto souboru jsou grafy znázorňující podíl oboru na celkovém počtu výstupů a vývoj tohoto podílu v čase. V grafech jsou údaje pro svět (červená) a pro AV (modrá). Je zde patrné, ve kterém oboru se ve světě zkoumá více nebo méně než v AV ČR a jaká je dynamika ve světě i v AV, tj. zda se přímky přibližují nebo naopak vzdalují.

Rozdíly mezi světem a AV ČR samozřejmě neznamenají, že bychom měli některé obory redukovat a jiné masově podpořit. Tradičně kvalitní obory mohou být více zastoupeny v AV než je průměr ve světě a přesto může být jejich existence oprávněna. Je vhodné se podívat zejména na obory, které jsou na prvních místech z hlediska zastoupení v ústavech.

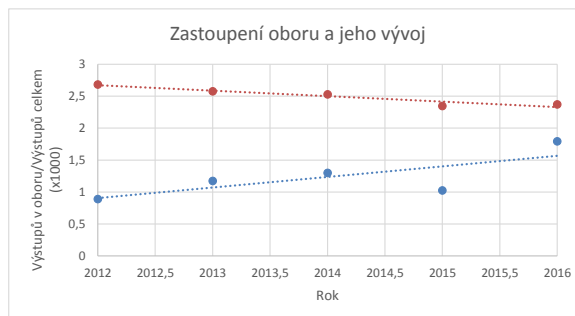
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

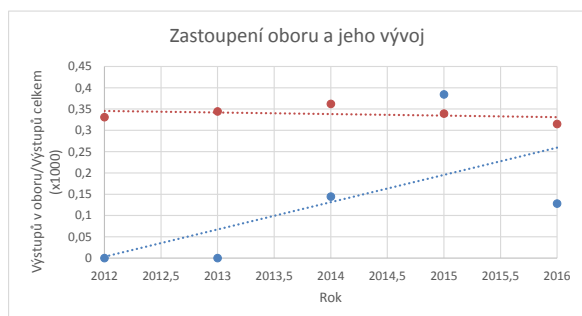
ACOUSTICS



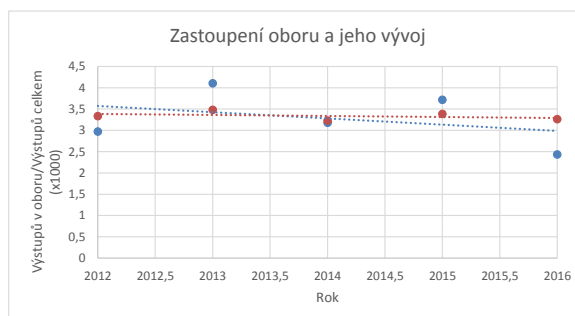
AGRICULTURE MULTIDISCIPLINARY



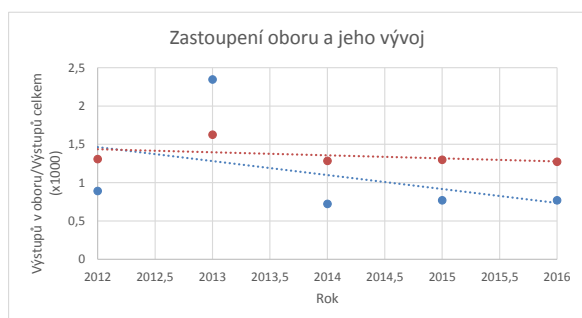
AGRICULTURAL ECONOMICS POLICY



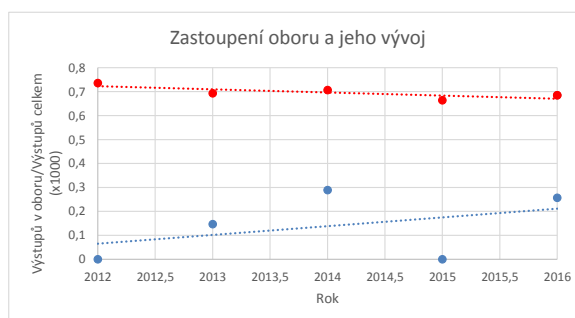
AGRONOMY



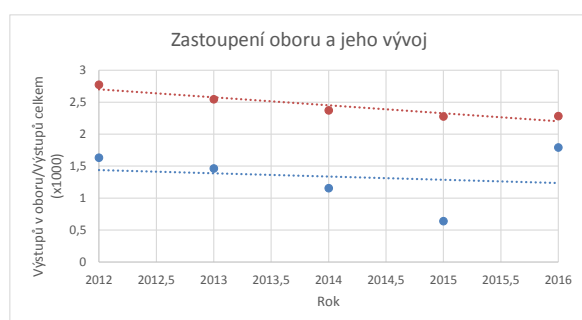
AGRICULTURAL ENGINEERING



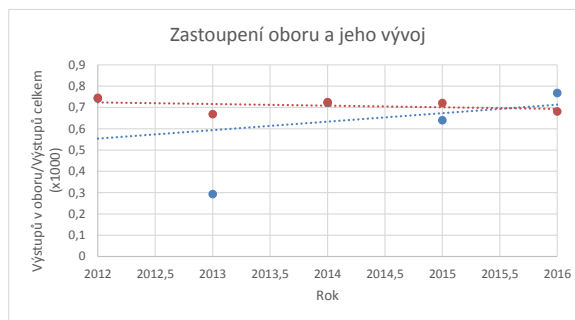
ALLERGY



AGRICULTURE DAIRY ANIMAL SCIENCE



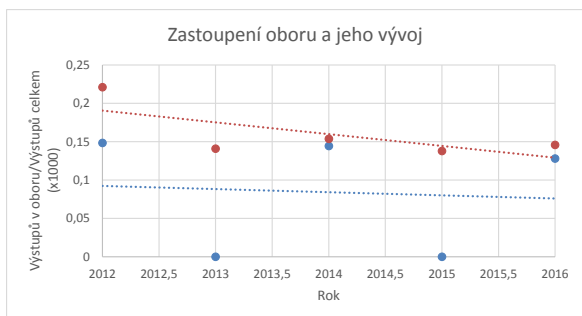
ANATOMY MORPHOLOGY



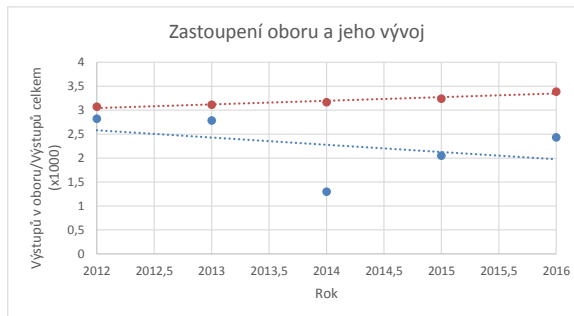
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

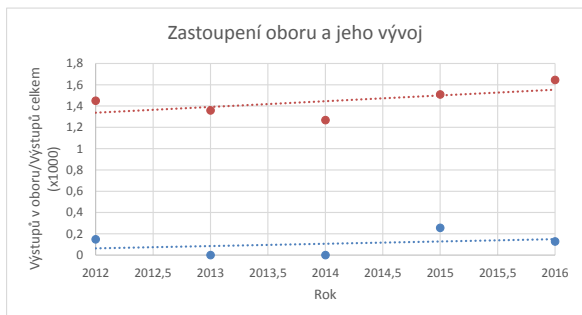
ANDROLOGY



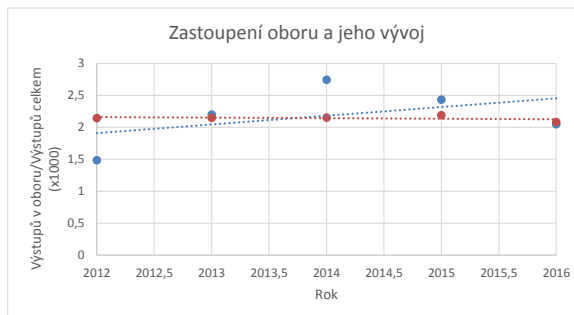
AUTOMATION CONTROL SYSTEMS



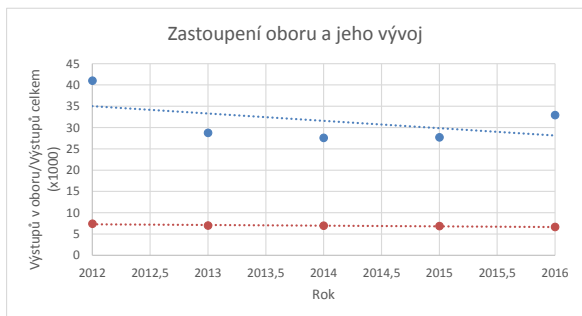
ANESTHESIOLOGY



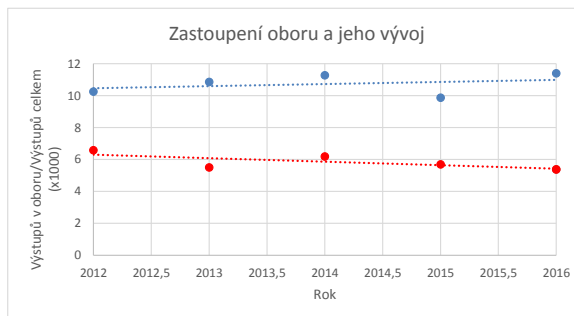
BEHAVIORAL SCIENCES



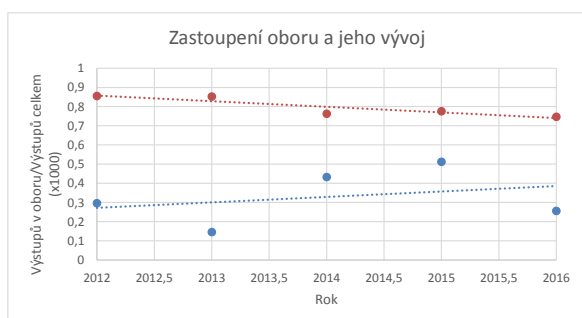
ASTRONOMY ASTROPHYSICS



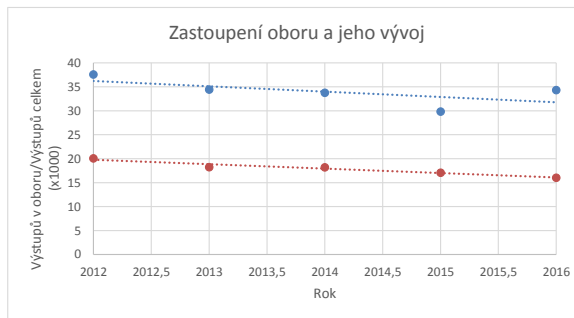
BIOCHEMICAL RESEARCH METHODS



AUDIOLOGY SPEECH LANGUAGE PATHOLOG



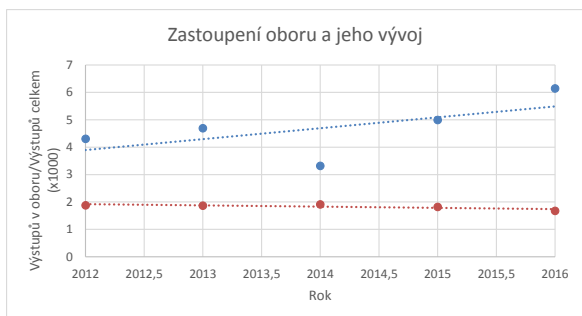
BIOCHEMISTRY MOLECULAR BIOLOGY



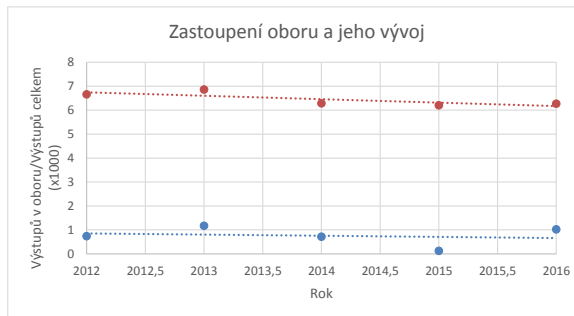
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

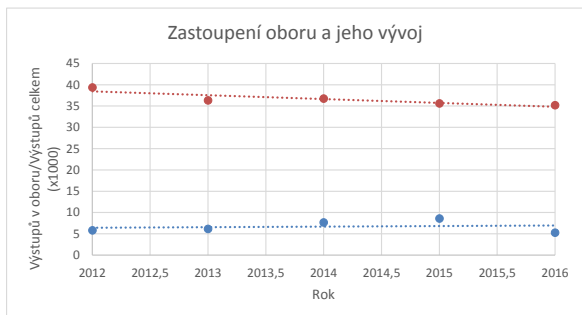
BIODIVERSITY CONSERVATION



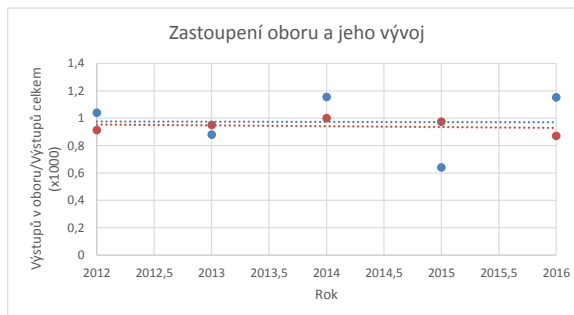
CARDIAC CARDIOVASCULAR SYSTEMS



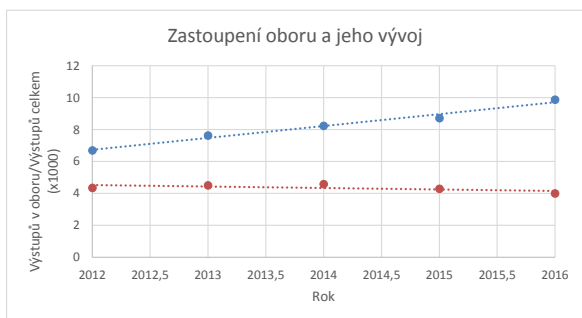
BIOLOGY



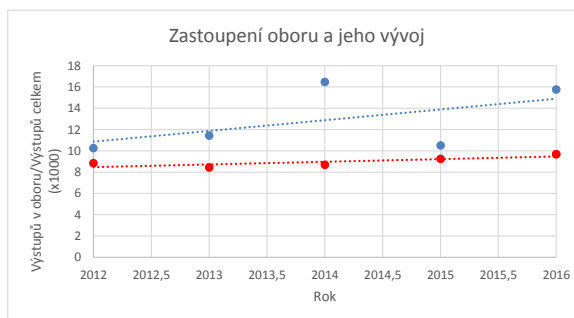
CELL TISSUE ENGINEERING



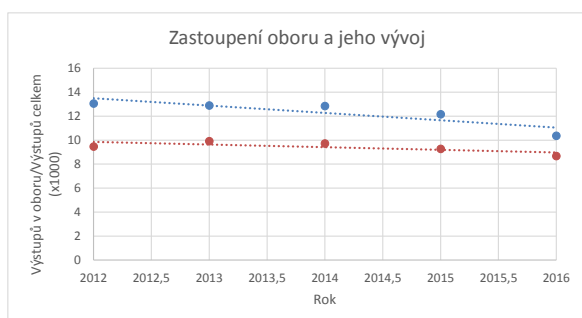
BIOPHYSICS



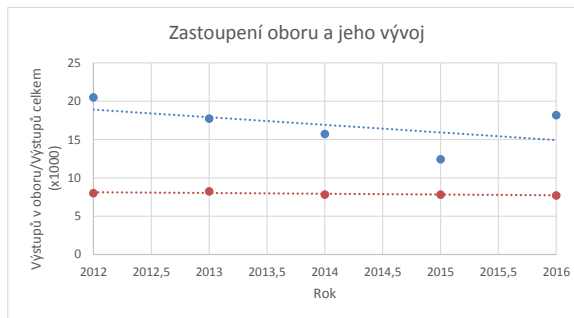
CELL BIOLOGY



BIOTECHNOLOGY APPLIED MICROBIOLOGY



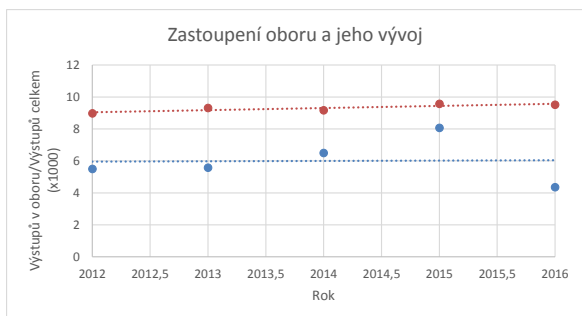
CHEMISTRY ANALYTICAL



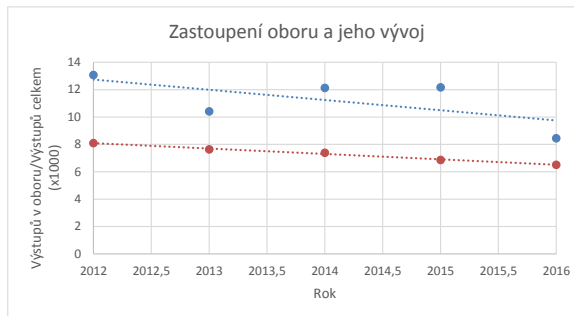
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

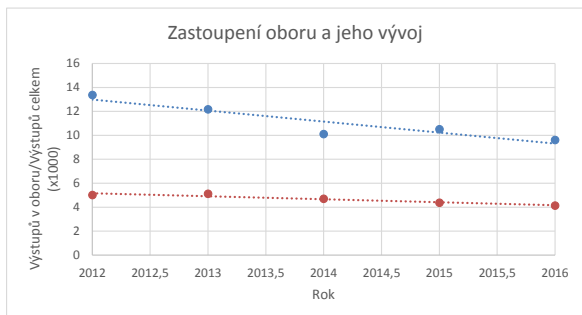
CHEMISTRY APPLIED



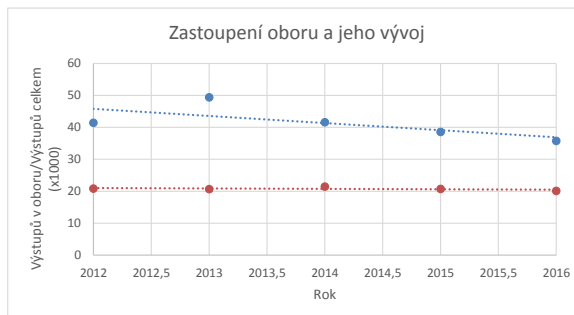
CHEMISTRY ORGANIC



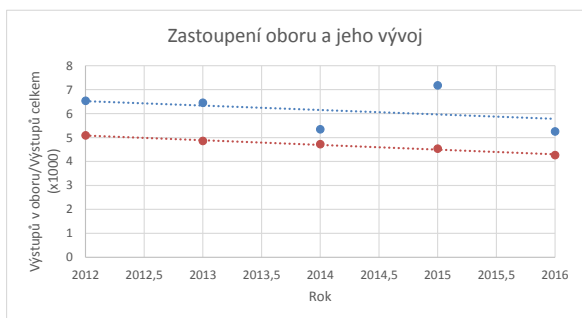
CHEMISTRY INORGANIC NUCLEAR



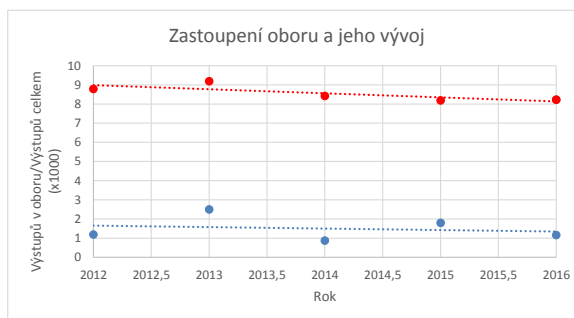
CHEMISTRY PHYSICAL



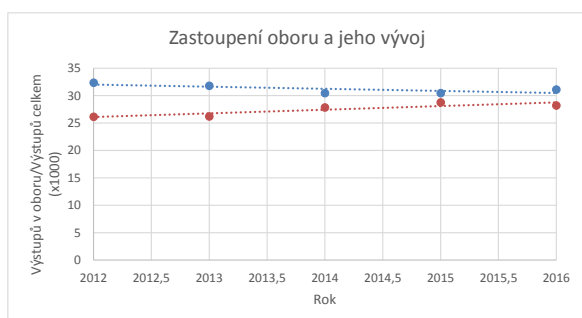
CHEMISTRY MEDICINAL



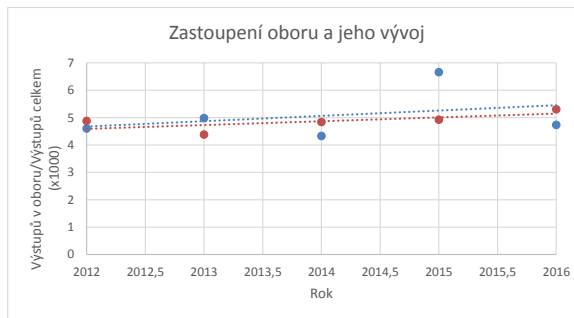
CLINICAL NEUROLOGY



CHEMISTRY MULTIDISCIPLINARY



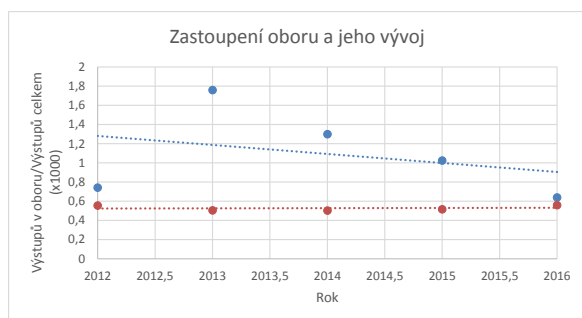
COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE



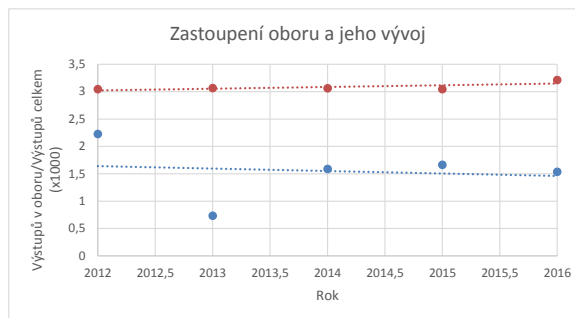
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

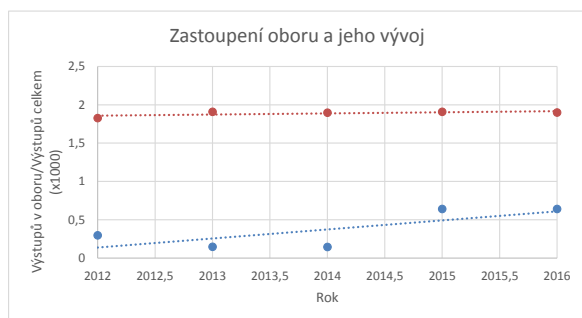
COMPUTER SCIENCE CYBERNETICS



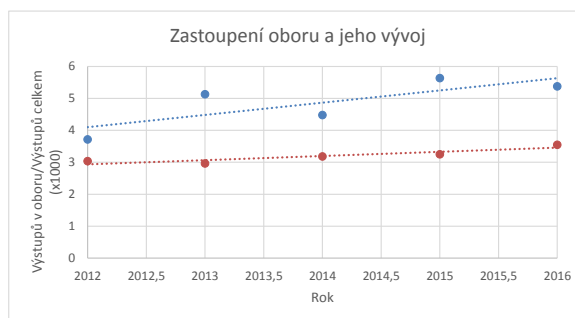
COMPUTER SCIENCE SOFTWARE ENGINEERING



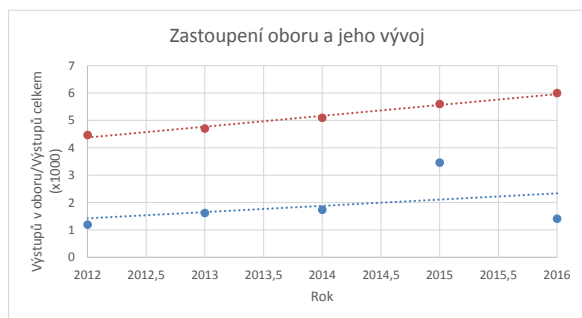
COMPUTER SCIENCE HARDWARE ARCHITECTURE



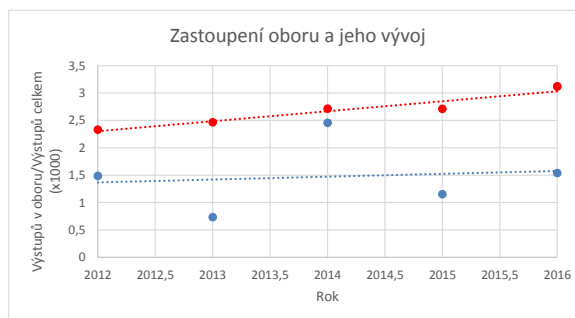
COMPUTER SCIENCE THEORY METHODS



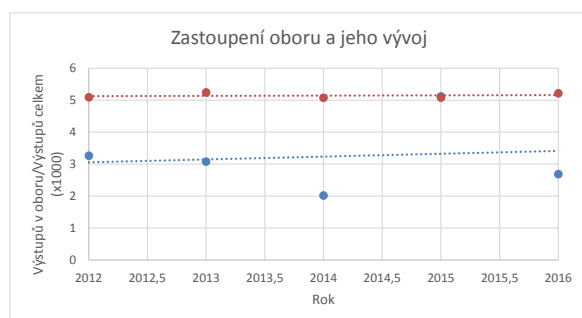
COMPUTER SCIENCE INFORMATION SYSTEMS



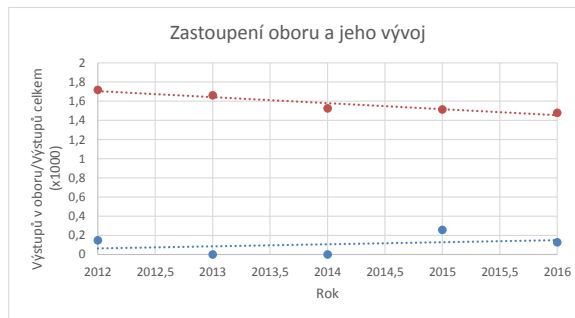
CONSTRUCTION BUILDING TECHNOLOGY



COMPUTER SCIENCE INTERDISCIPLINARY APPLICATIONS



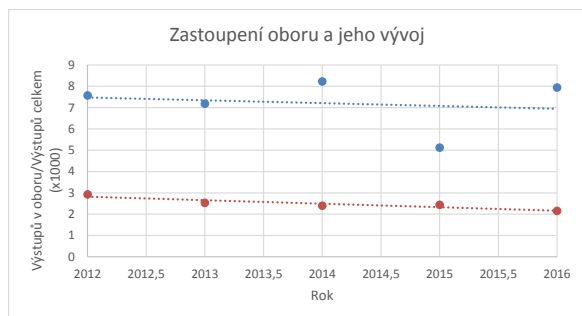
CRITICAL CARE MEDICINE



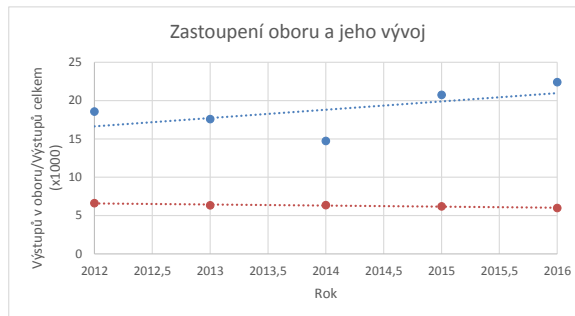
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

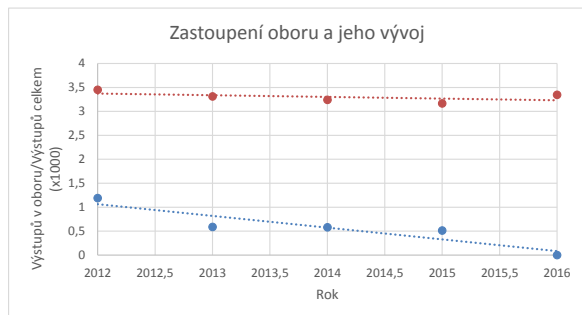
CRYSTALLOGRAPHY



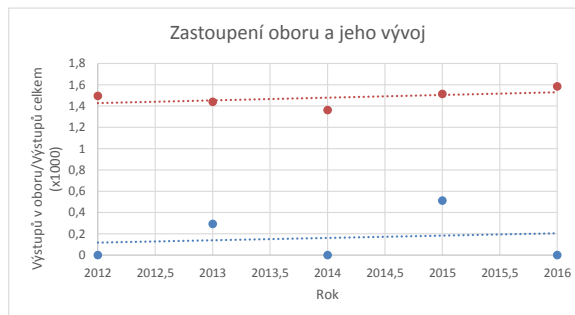
ECOLOGY



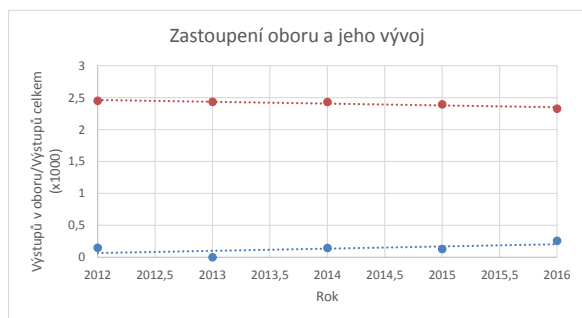
DENTISTRY ORAL SURGERY MEDICINE



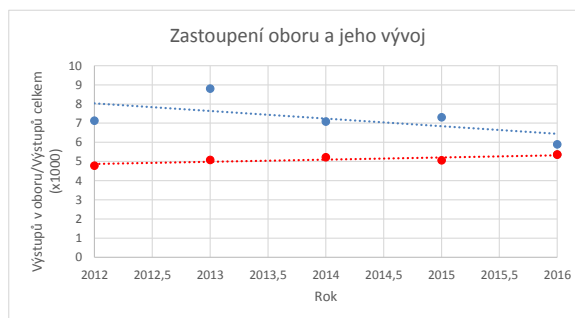
EDUCATION SCIENTIFIC DISCIPLINES



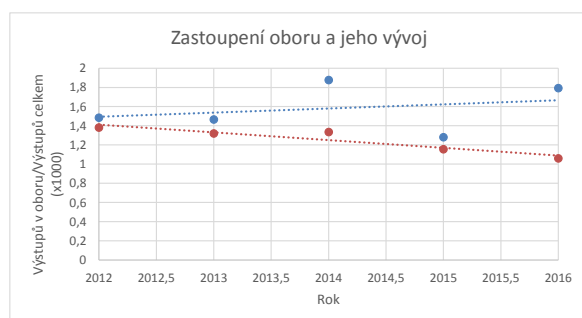
DERMATOLOGY



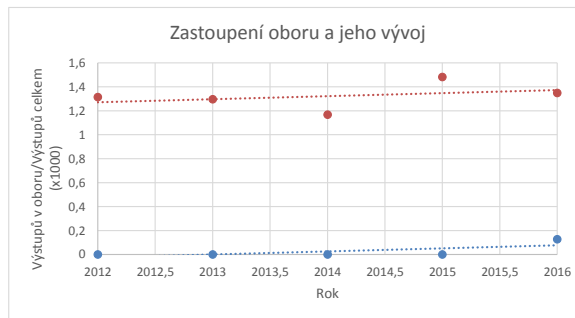
ELECTROCHEMISTRY



DEVELOPMENTAL BIOLOGY



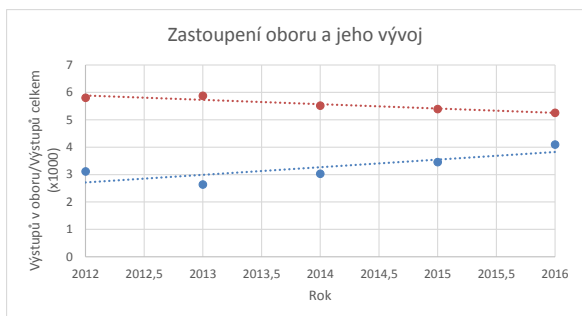
EMERGENCY MEDICINE



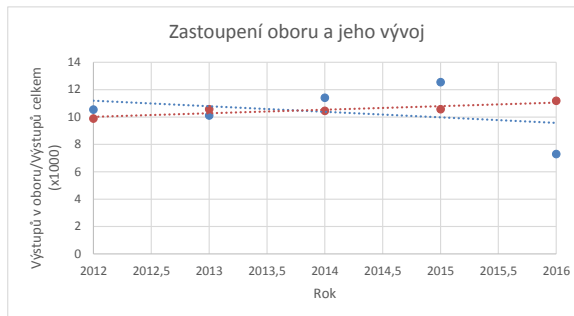
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

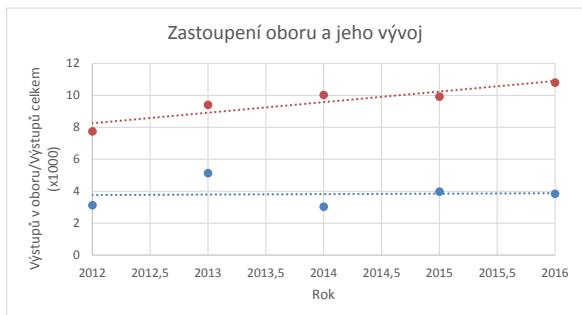
ENDOCRINOLOGY METABOLISM



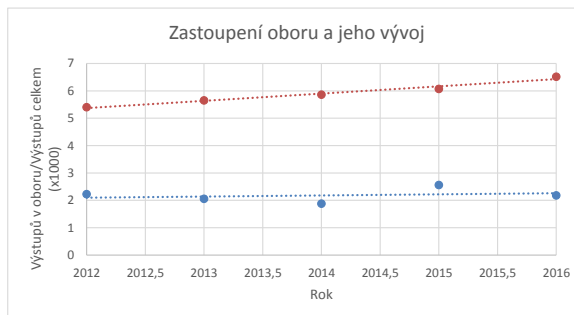
ENGINEERING CHEMICAL



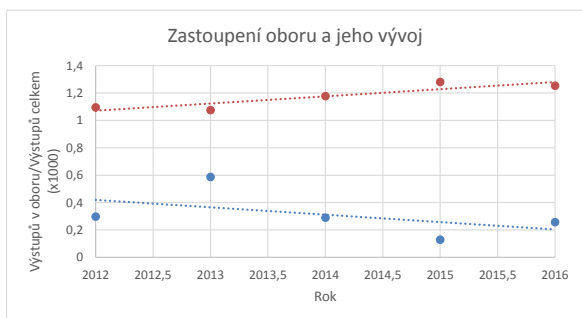
ENERGY FUELS



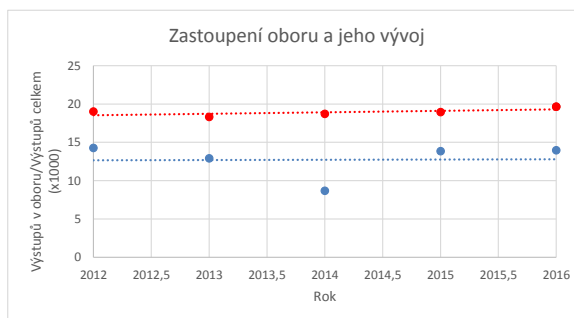
ENGINEERING CIVIL



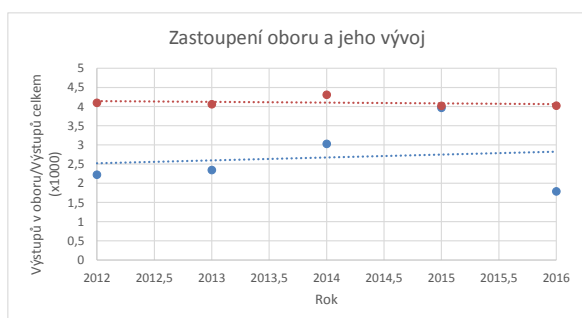
ENGINEERING AEROSPACE



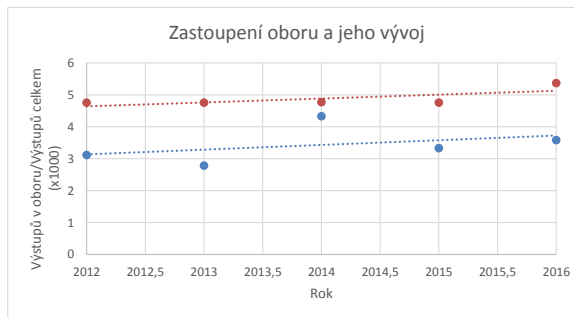
ENGINEERING ELECTRICAL ELECTRONIC



ENGINEERING BIOMEDICAL



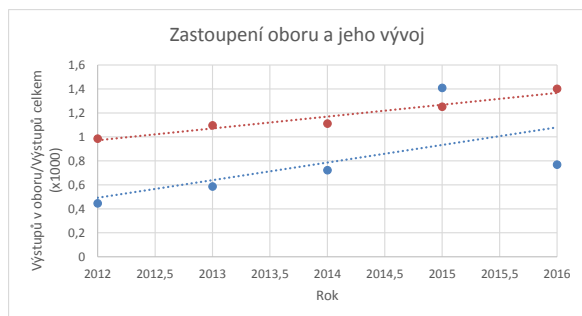
ENGINEERING ENVIRONMENTAL



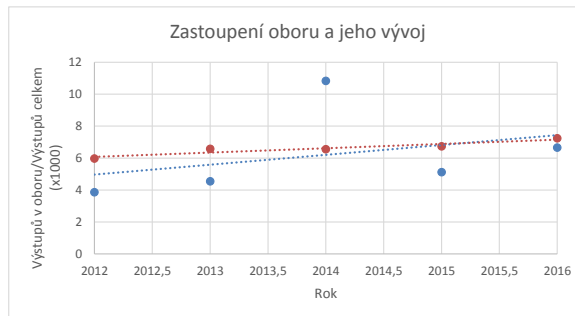
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

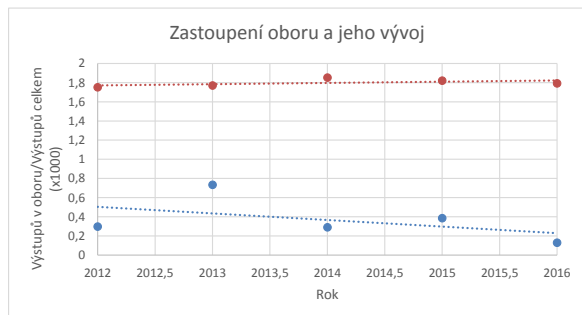
ENGINEERING GEOLOGICAL



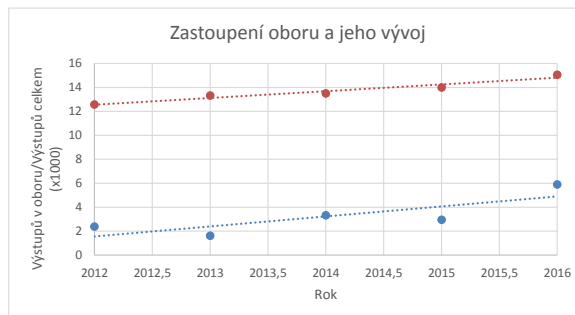
ENGINEERING MECHANICAL



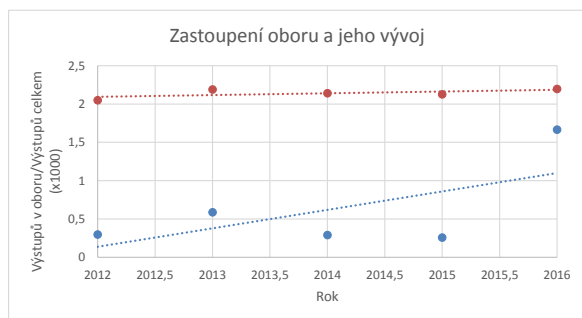
ENGINEERING INDUSTRIAL



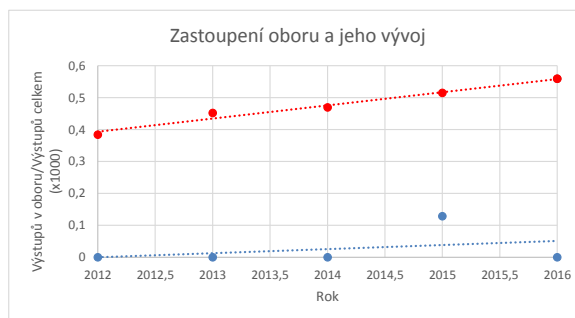
ENGINEERING MULTIDISCIPLINARY



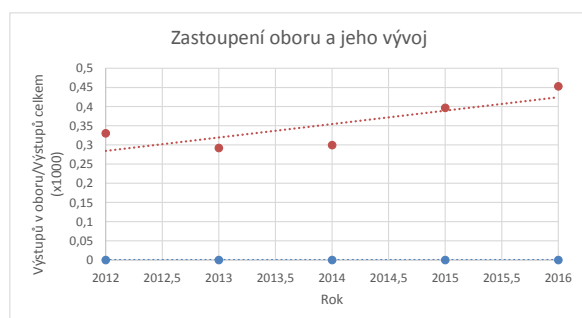
ENGINEERING MANUFACTURING



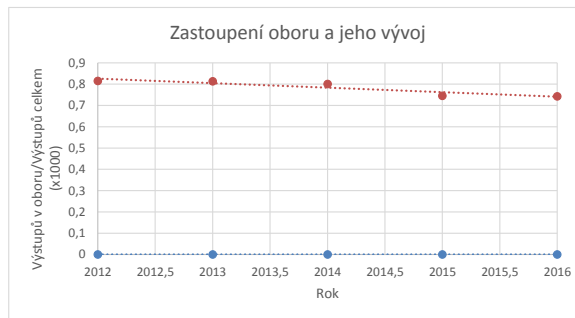
ENGINEERING OCEAN



ENGINEERING MARINE



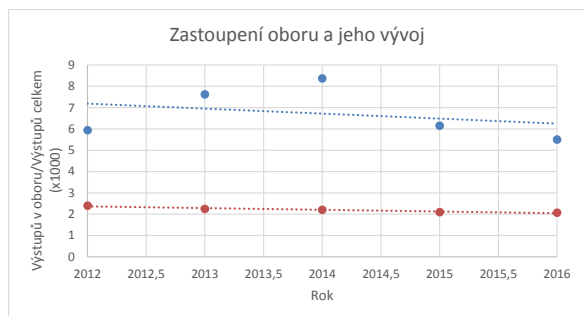
ENGINEERING PETROLEUM



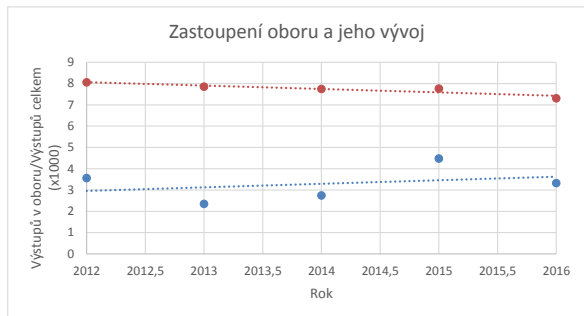
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

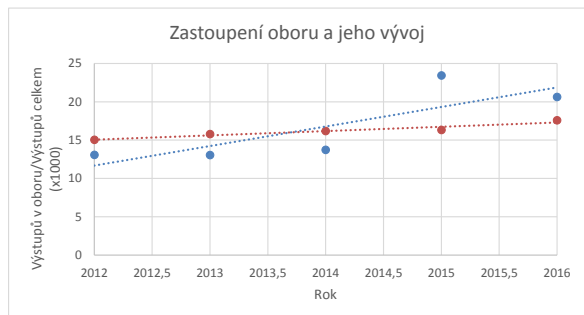
ENTOMOLOGY



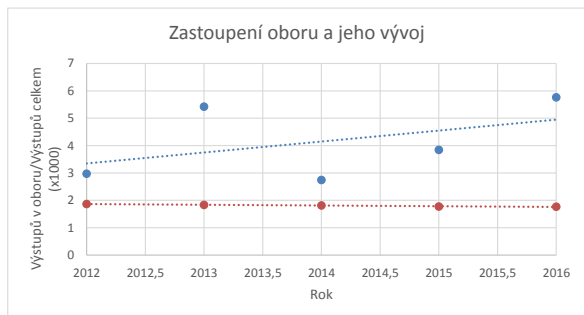
FOOD SCIENCE TECHNOLOGY



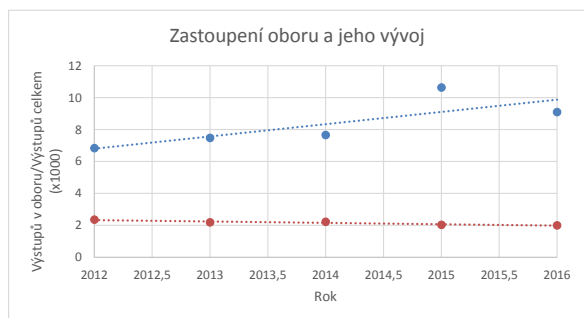
ENVIRONMENTAL SCIENCES



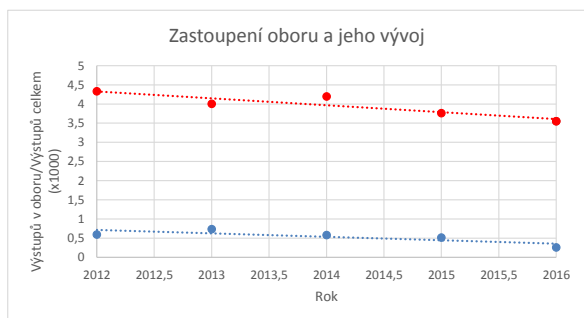
FORESTRY



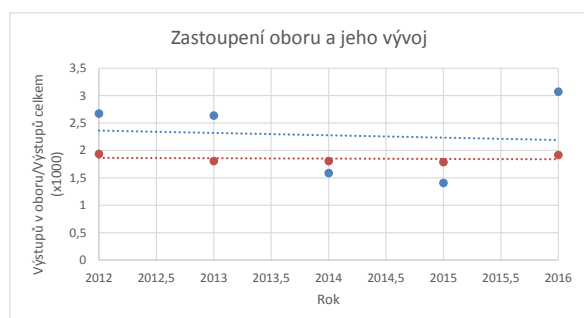
EVOLUTIONARY BIOLOGY



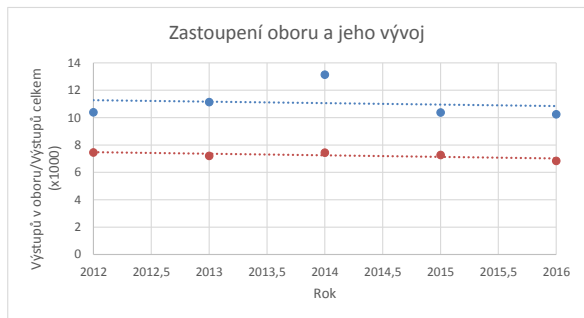
GASTROENTEROLOGY HEPATOLOGY



FISHERIES



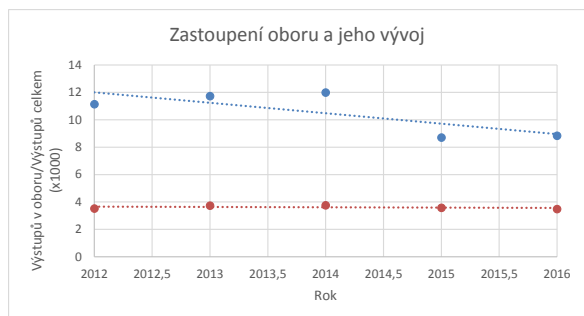
GENETICS HEREDITY



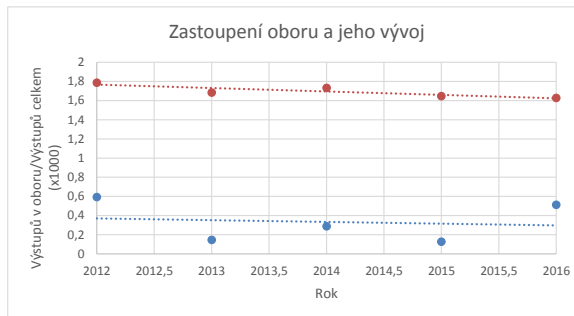
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

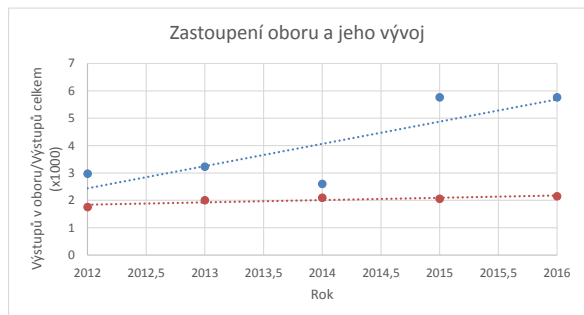
GEOCHEMISTRY GEOPHYSICS



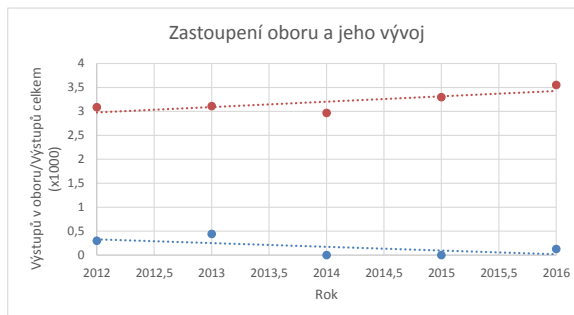
GERIATRICS GERONTOLOGY



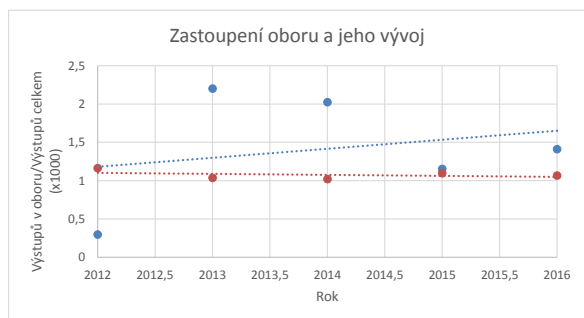
GEOGRAPHY PHYSICAL



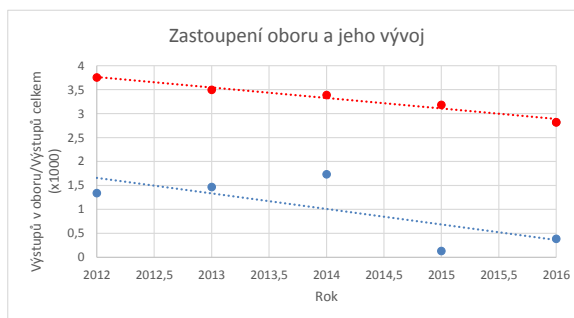
HEALTH CARE SCIENCES SERVICES



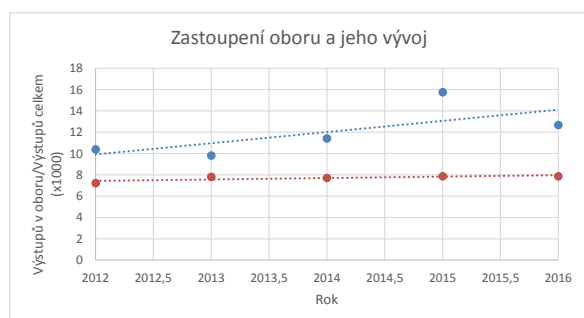
GEOLOGY



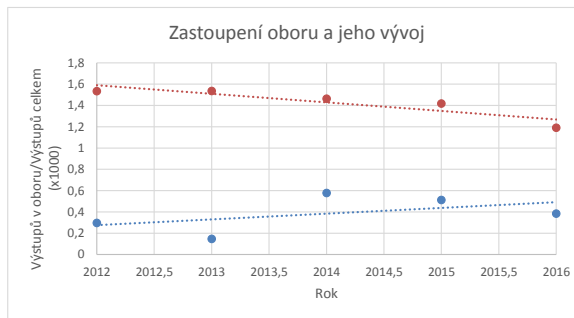
HEMATOLOGY



GEOSCIENCES MULTIDISCIPLINARY



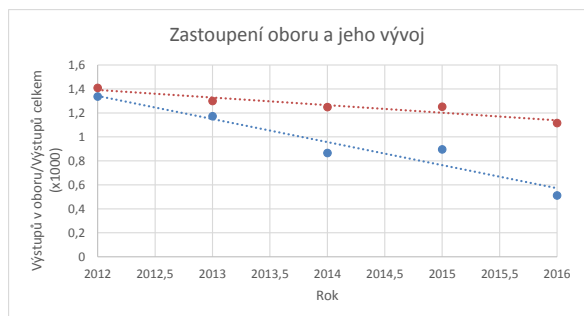
HISTORY PHILOSOPHY OF SCIENCE



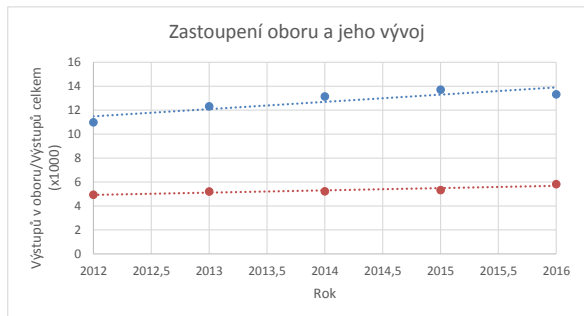
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

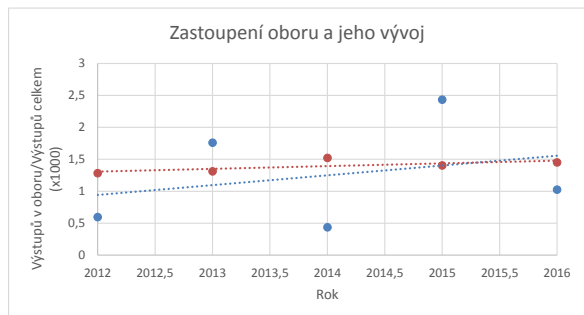
HORTICULTURE



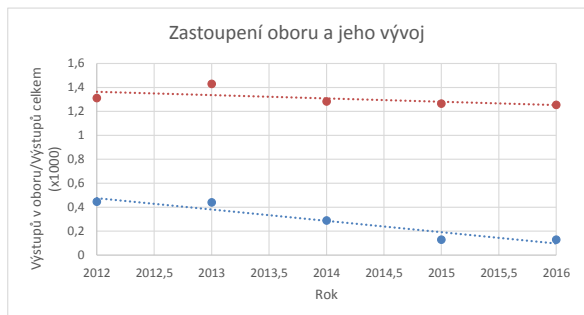
INSTRUMENTS INSTRUMENTATION



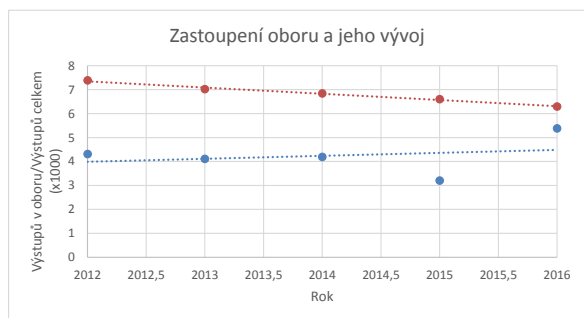
IMAGING SCIENCE PHOTOGRAPHIC TECHNOI



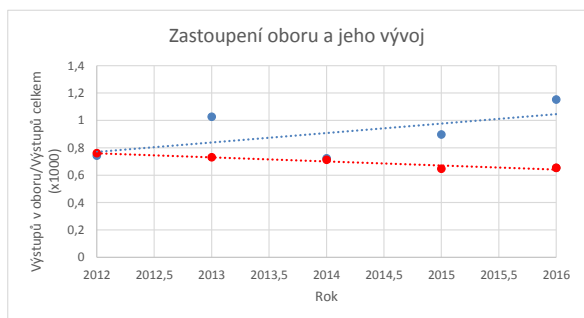
INTEGRATIVE COMPLEMENTARY MEDICINE



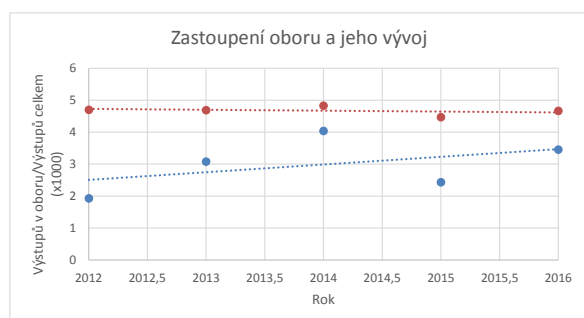
IMMUNOLOGY



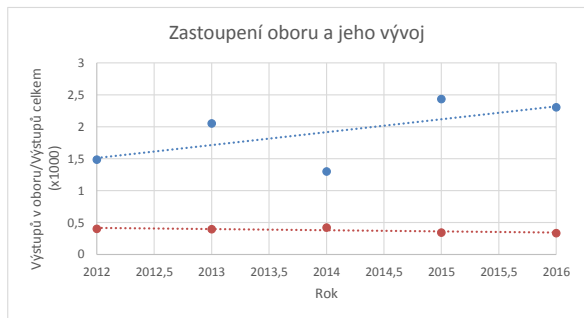
LIMNOLOGY



INFECTIOUS DISEASES



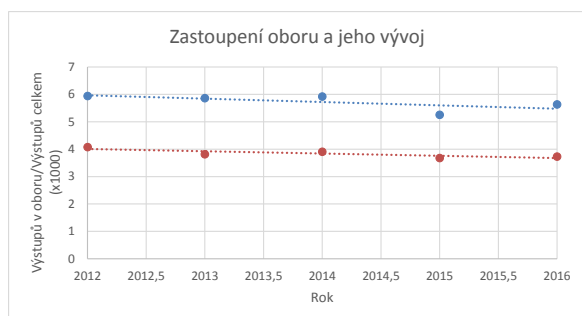
LOGIC



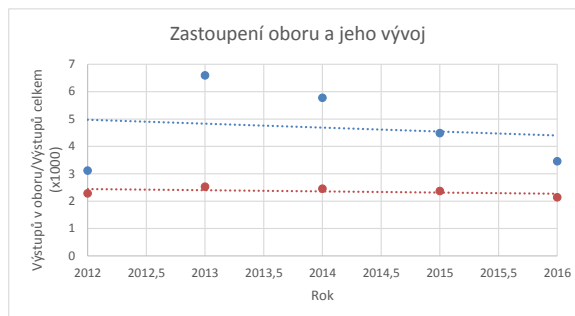
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

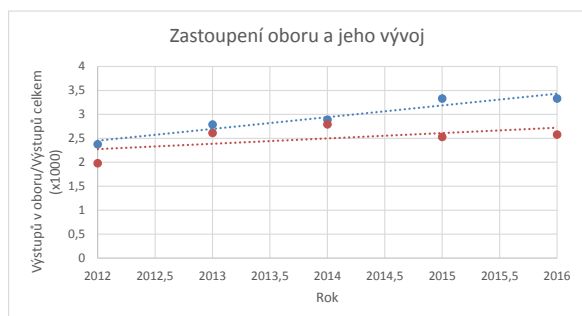
MARINE FRESHWATER BIOLOGY



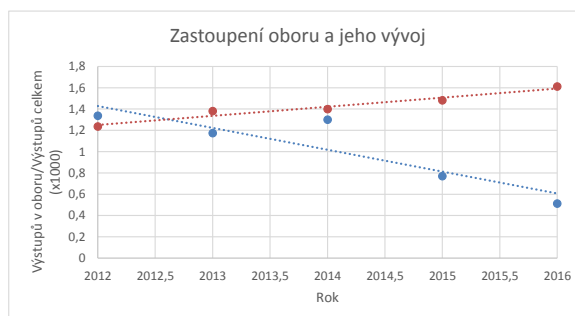
MATERIALS SCIENCE COATINGS FILMS



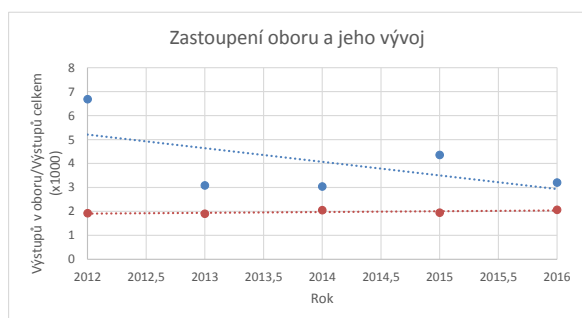
MATERIALS SCIENCE BIOMATERIALS



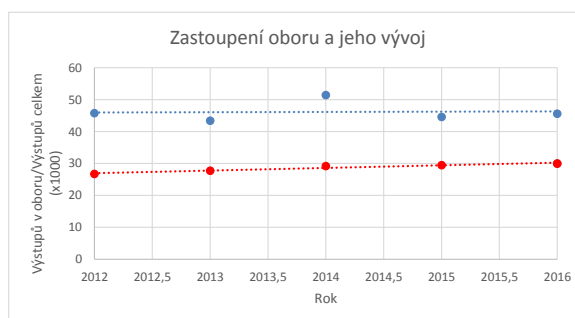
MATERIALS SCIENCE COMPOSITES



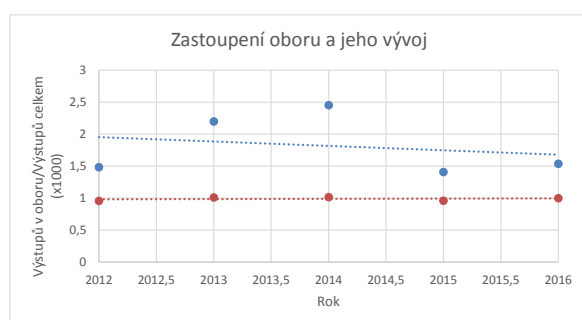
MATERIALS SCIENCE CERAMICS



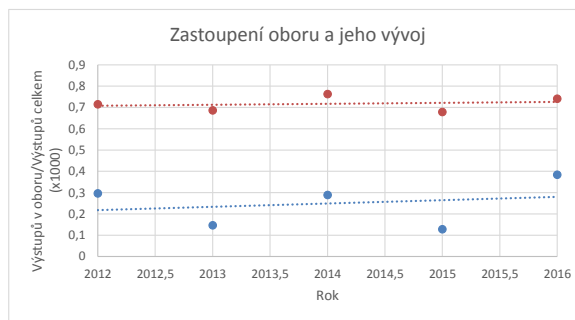
MATERIALS SCIENCE MULTIDISCIPLINARY



MATERIALS SCIENCE CHARACTERIZATION TI



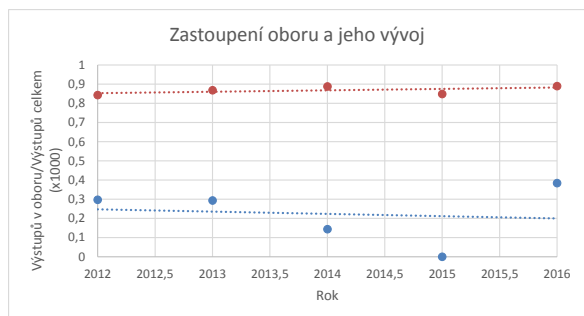
MATERIALS SCIENCE PAPER WOOD



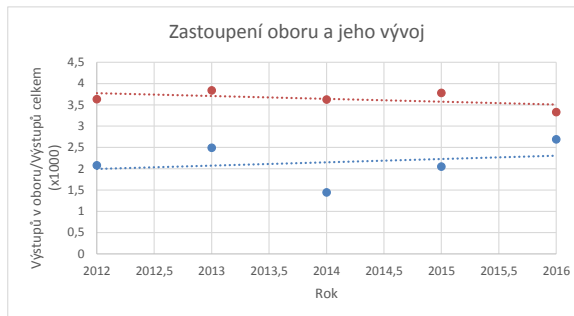
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

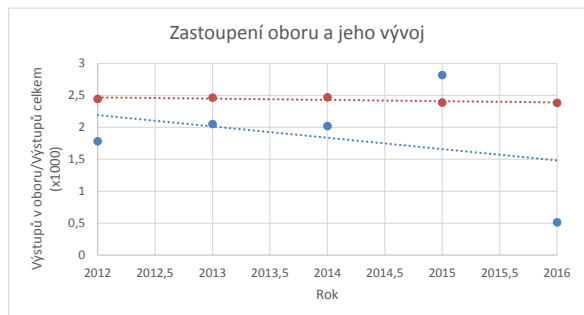
MATERIALS SCIENCE TEXTILES



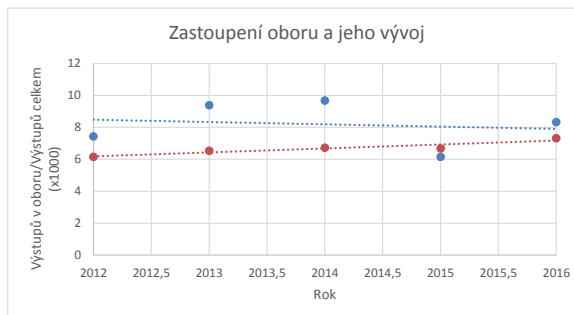
MATHEMATICS INTERDISCIPLINARY APPLICATIONS



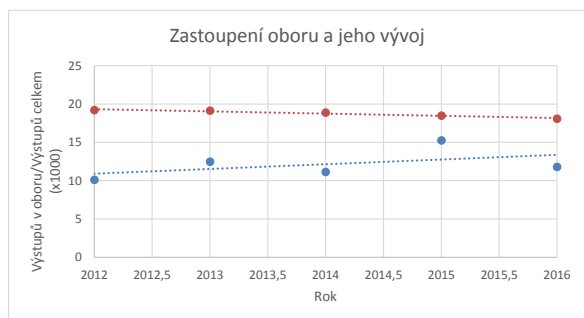
MATHEMATICAL COMPUTATIONAL BIOLOGY



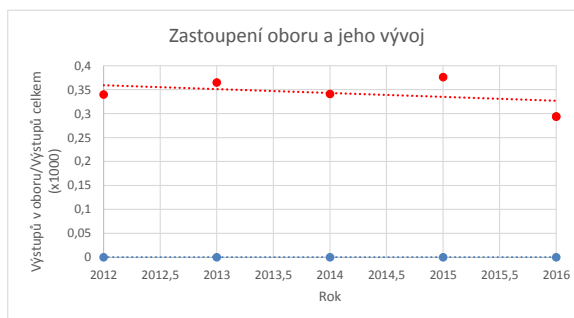
MECHANICS



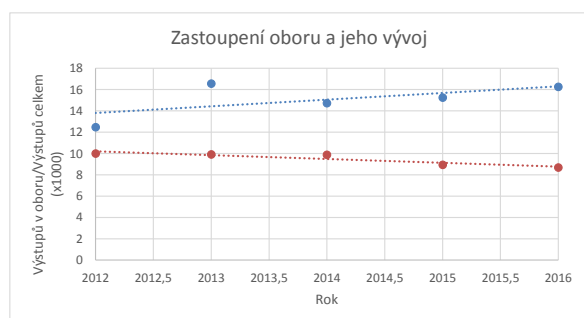
MATHEMATICS



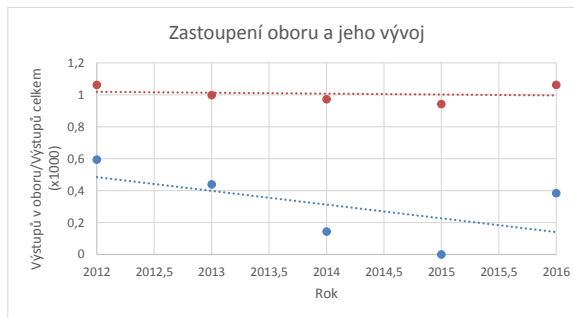
MEDICAL ETHICS



MATHEMATICS APPLIED



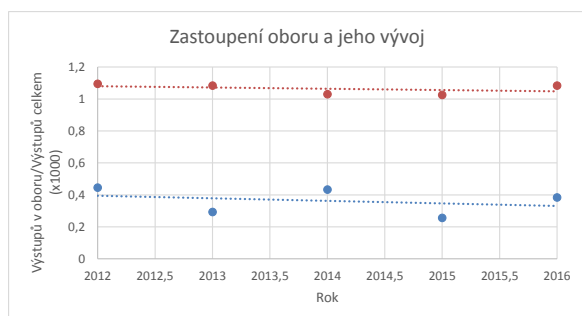
MEDICAL INFORMATICS



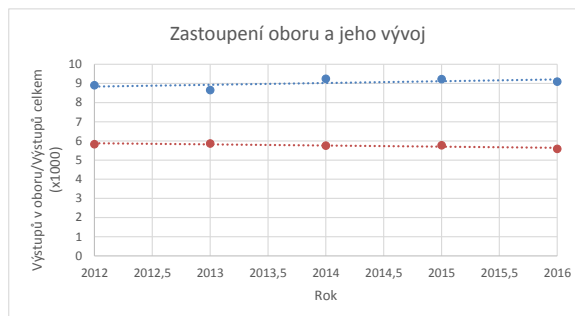
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

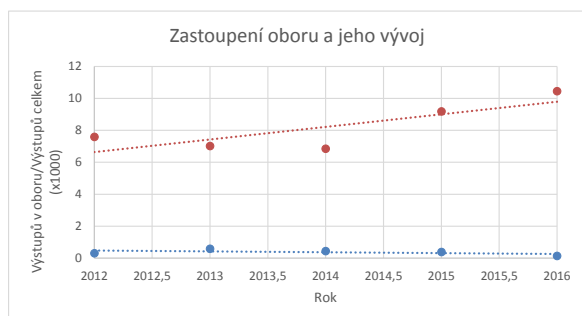
MEDICAL LABORATORY TECHNOLOGY



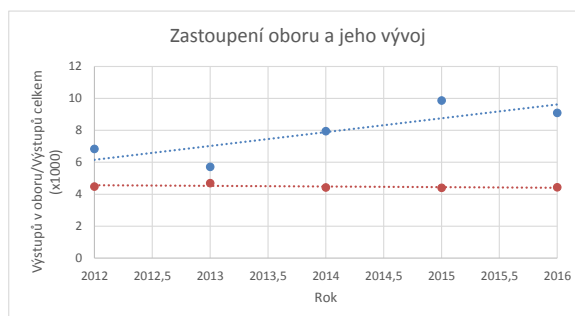
METALLURGY METALLURGICAL ENGINEERING



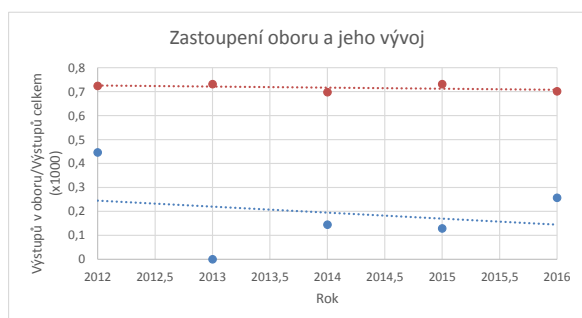
MEDICINE GENERAL INTERNAL



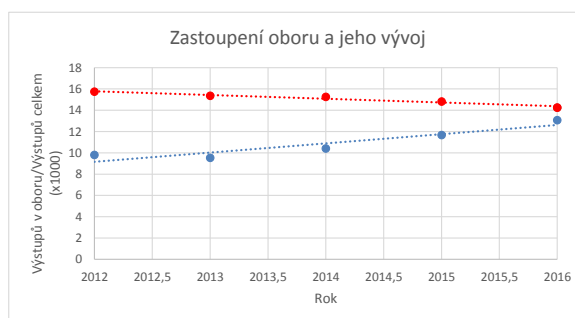
METEOROLOGY ATMOSPHERIC SCIENCES



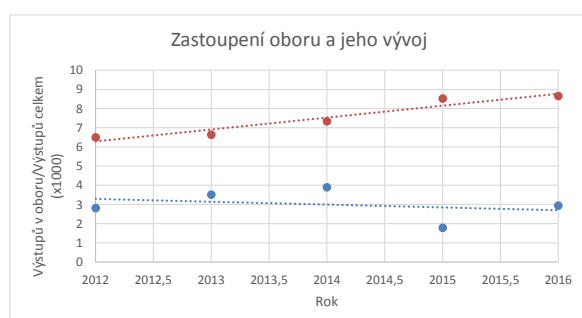
MEDICINE LEGAL



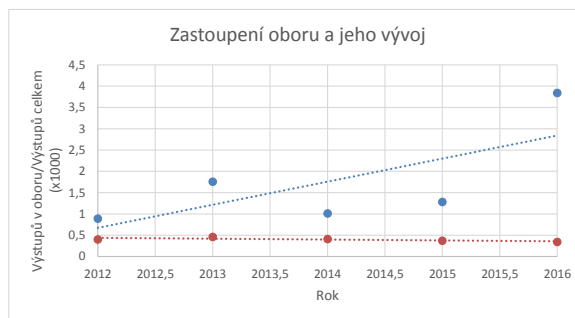
MICROBIOLOGY



MEDICINE RESEARCH EXPERIMENTAL



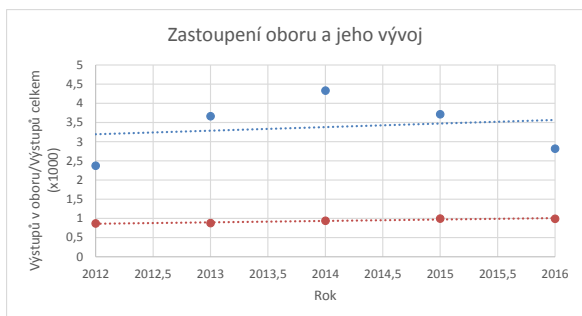
MICROSCOPY



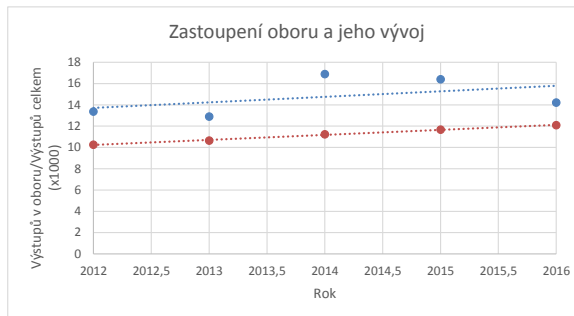
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

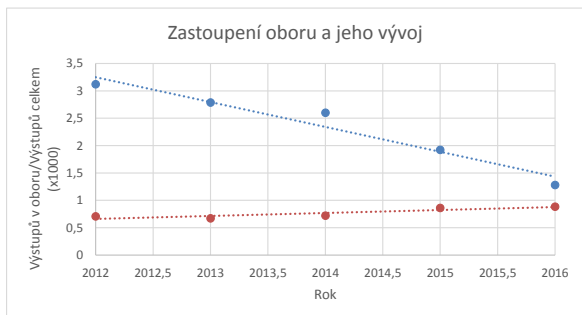
MINERALOGY



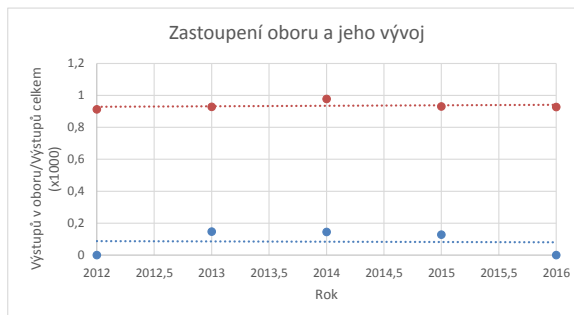
NANOSCIENCE NANOTECHNOLOGY



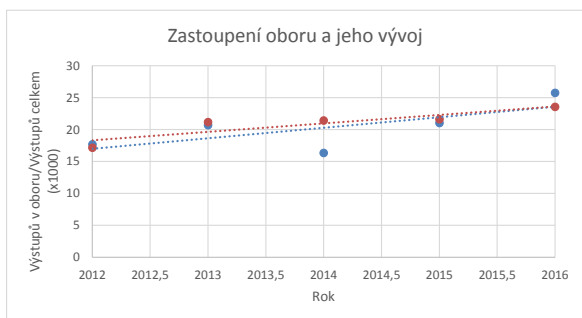
MINING MINERAL PROCESSING



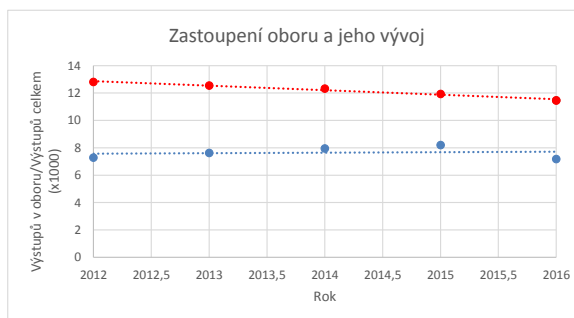
NEUROIMAGING



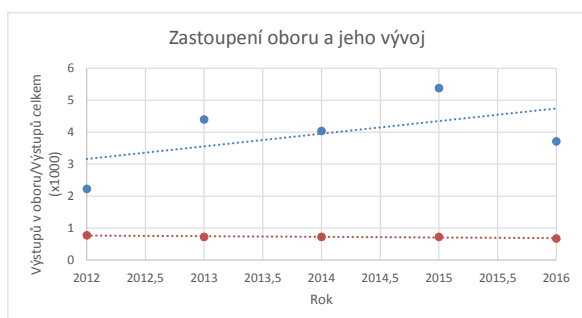
MULTIDISCIPLINARY SCIENCES



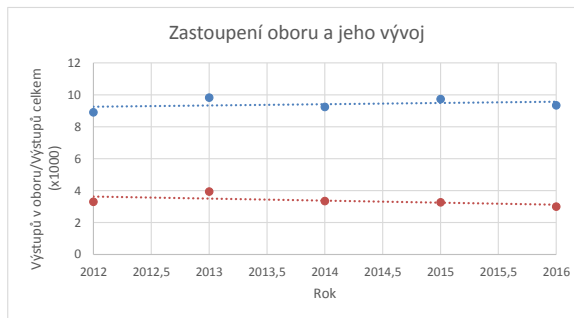
NEUROSCIENCES



MYCOLOGY



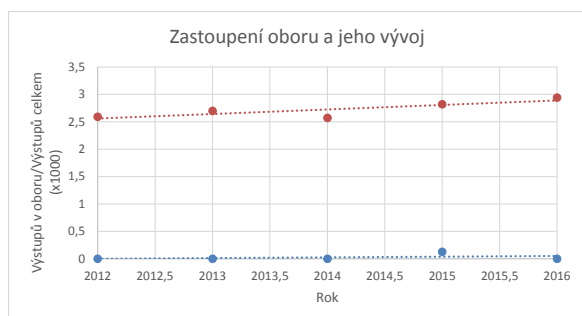
NUCLEAR SCIENCE TECHNOLOGY



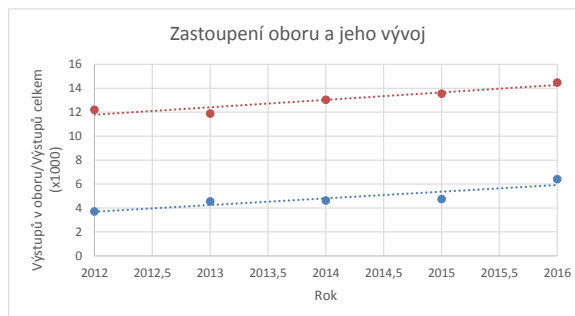
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

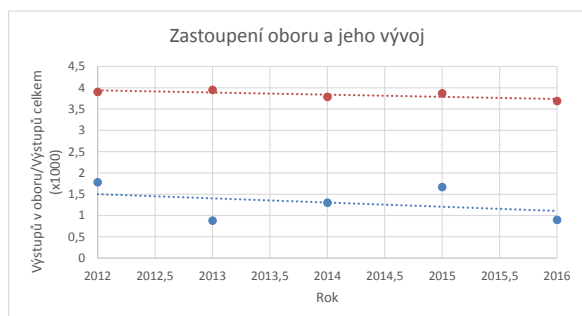
NURSING



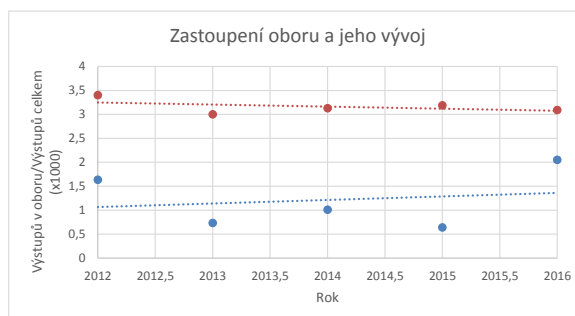
ONCOLOGY



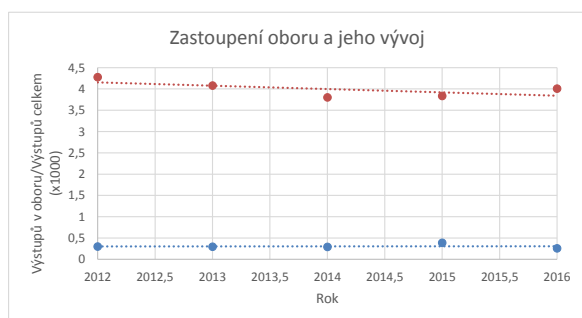
NUTRITION DIETETICS



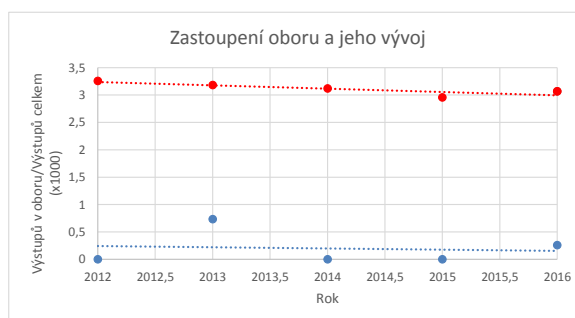
OPERATIONS RESEARCH MANAGEMENT SCIENCE



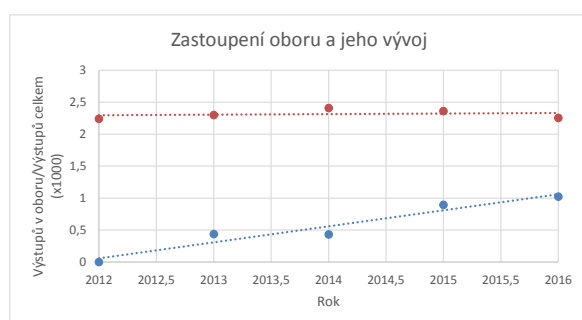
OBSTETRICS GYNECOLOGY



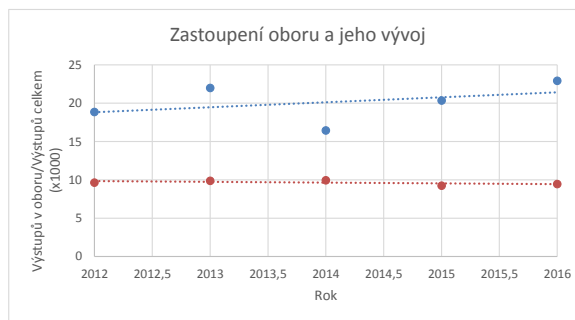
OPHTHALMOLOGY



OCEANOGRAPHY



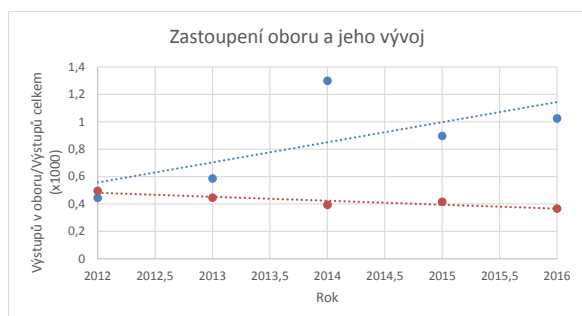
OPTICS



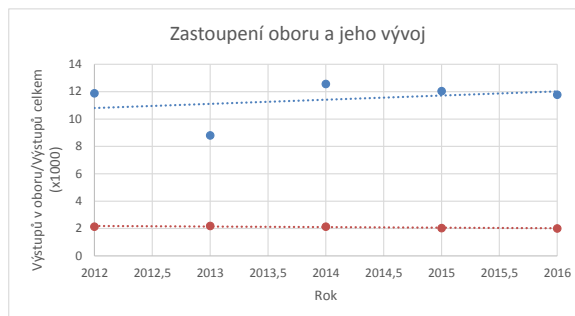
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

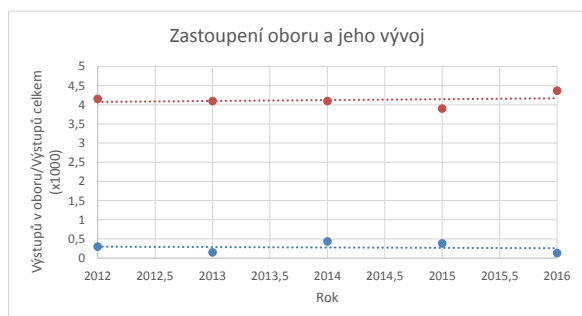
ORNITHOLOGY



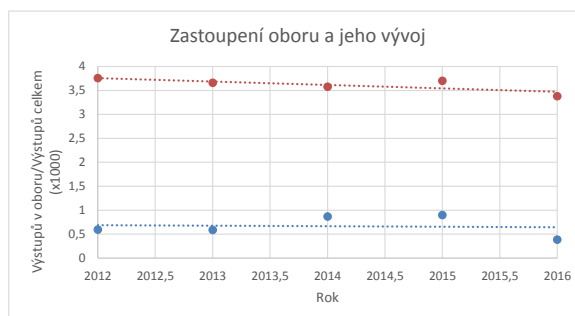
PARASITOLOGY



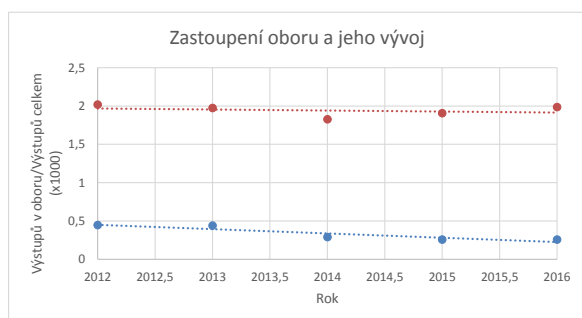
ORTHOPEDICS



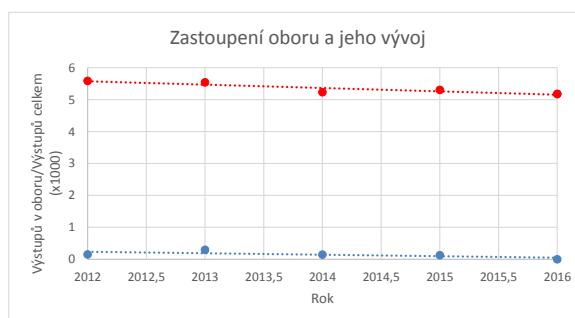
PATHOLOGY



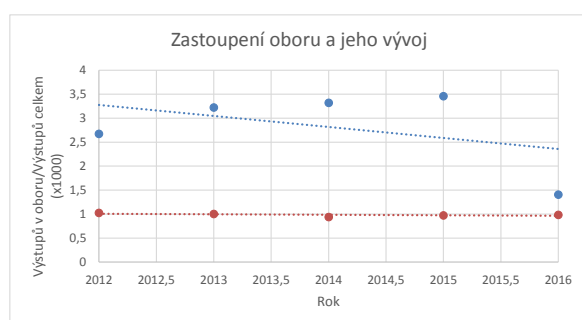
OTORHINOLARYNGOLOGY



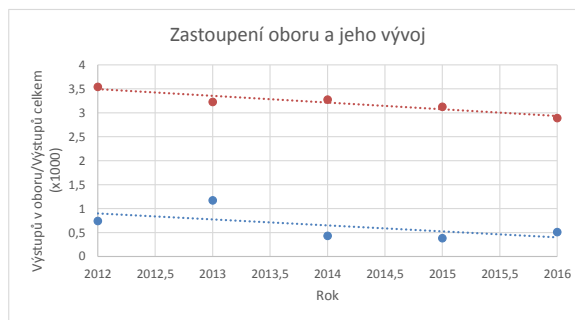
PEDIATRICS



PALEONTOLOGY



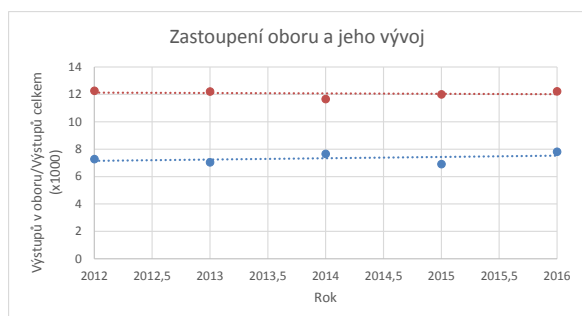
PERIPHERAL VASCULAR DISEASE



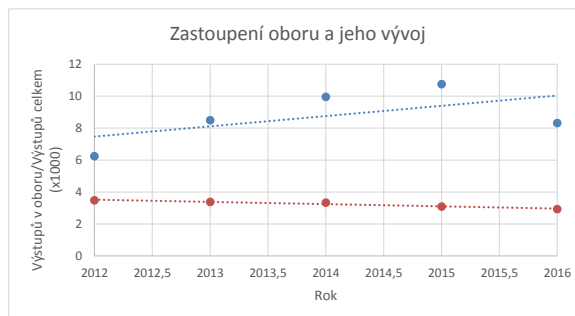
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

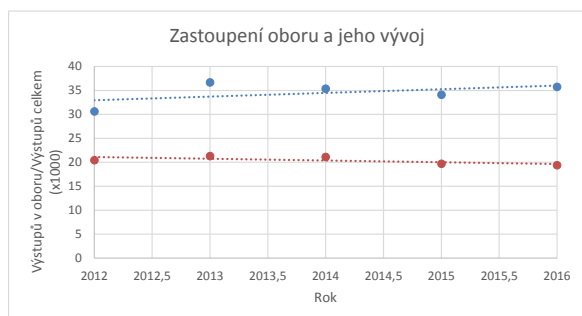
PHARMACOLOGY PHARMACY



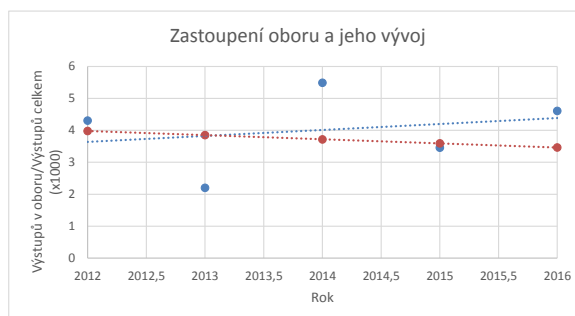
PHYSICS FLUIDS PLASMAS



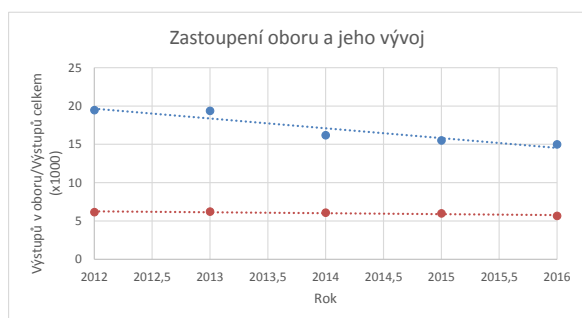
PHYSICS APPLIED



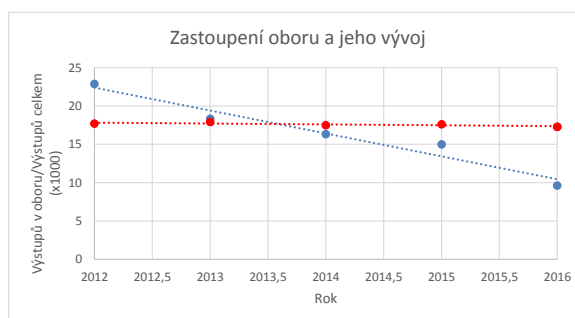
PHYSICS MATHEMATICAL



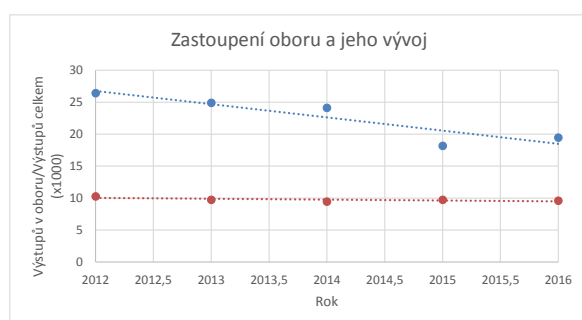
PHYSICS ATOMIC MOLECULAR CHEMICAL



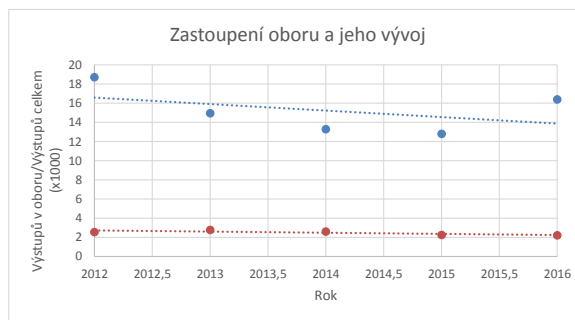
PHYSICS MULTIDISCIPLINARY



PHYSICS CONDENSED MATTER



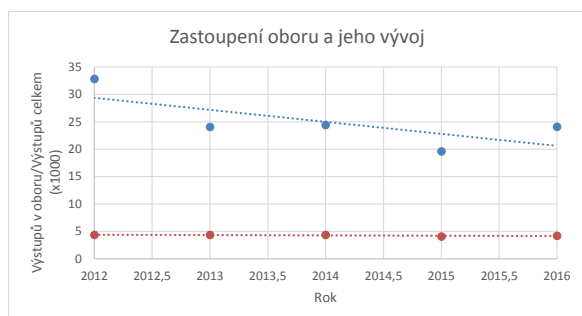
PHYSICS NUCLEAR



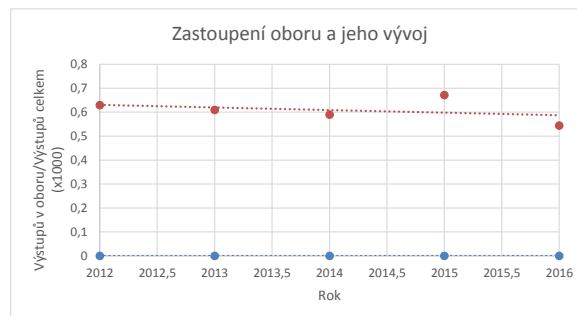
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

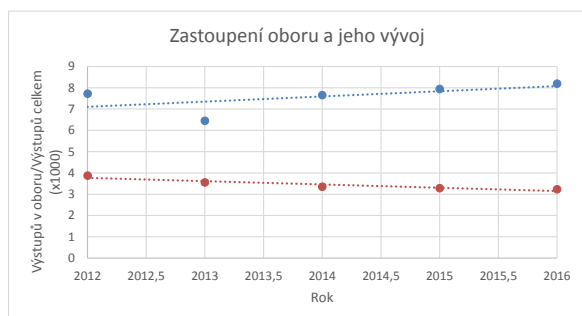
PHYSICS PARTICLES FIELDS



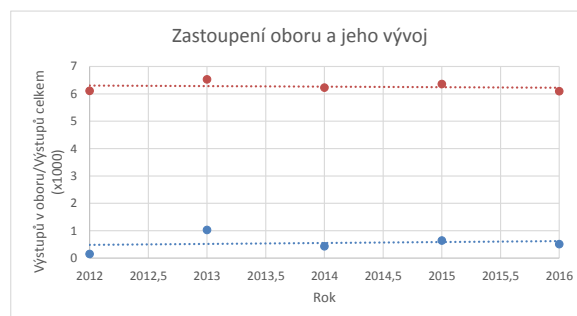
PRIMARY HEALTH CARE



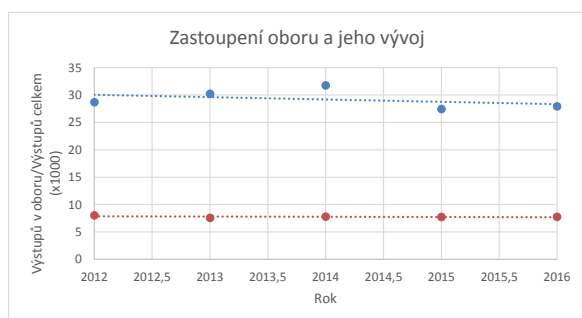
PHYSIOLOGY



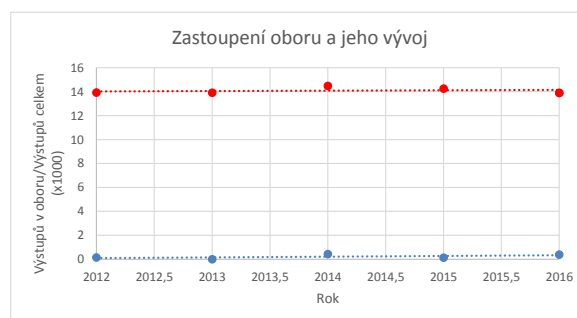
PSYCHIATRY



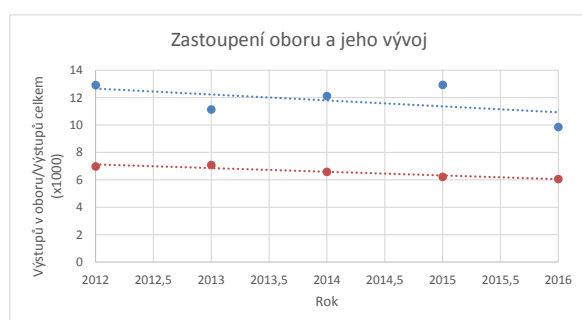
PLANT SCIENCES



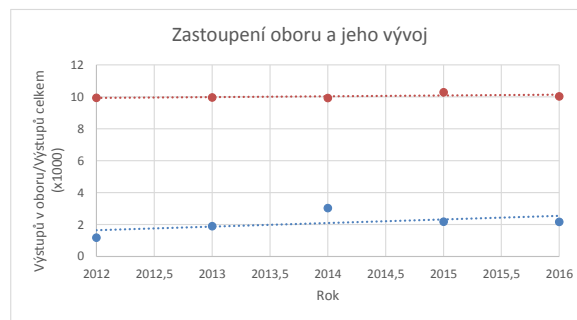
PSYCHOLOGY



POLYMER SCIENCE



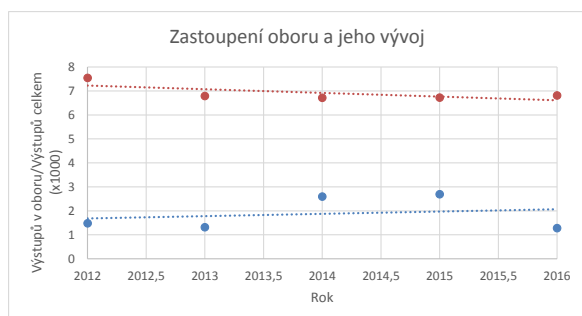
PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH



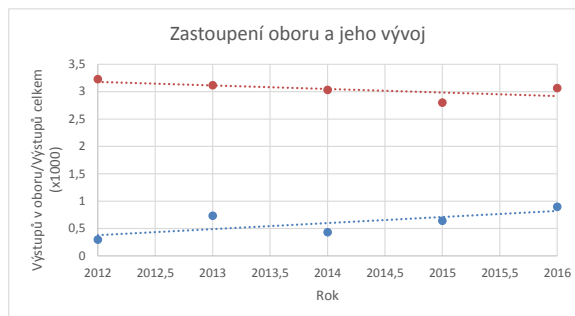
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

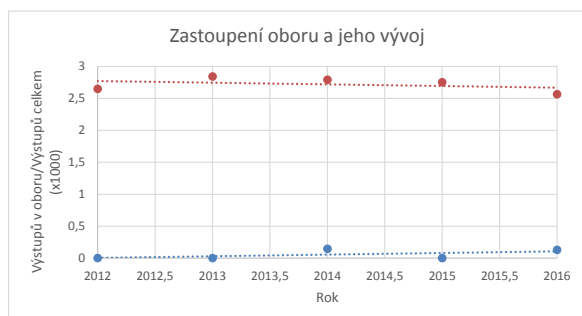
RADIOLOGY NUCLEAR MEDICINE MEDICAL IN



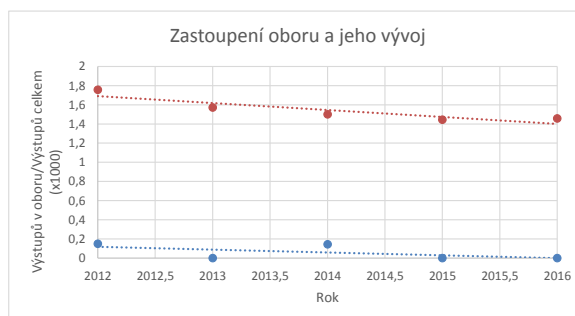
RESPIRATORY SYSTEM



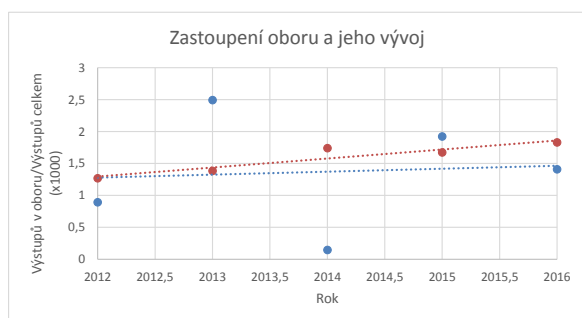
REHABILITATION



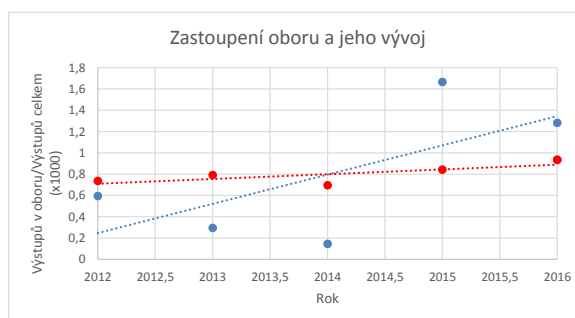
RHEUMATOLOGY



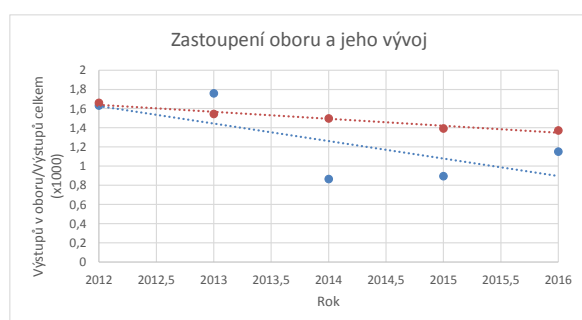
REMOTE SENSING



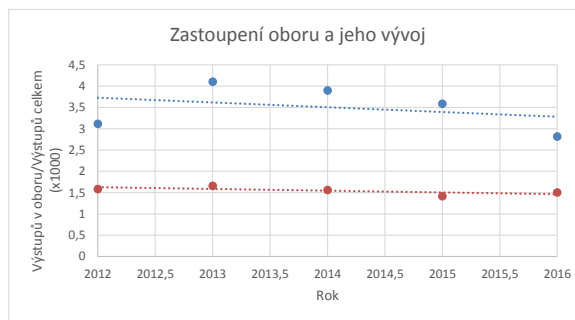
ROBOTICS



REPRODUCTIVE BIOLOGY



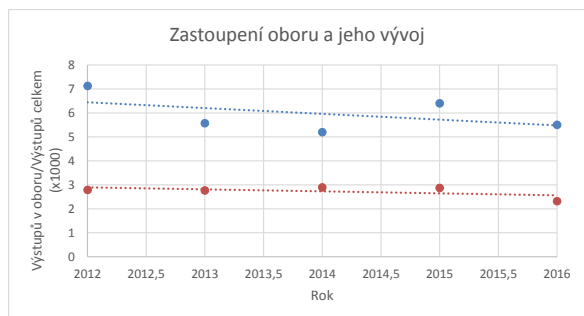
SOIL SCIENCE



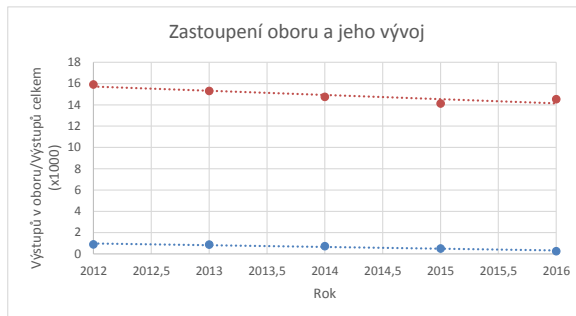
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

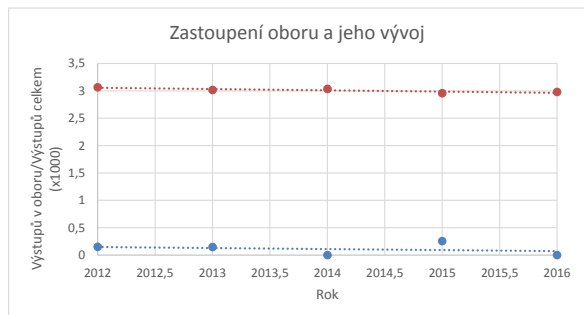
SPECTROSCOPY



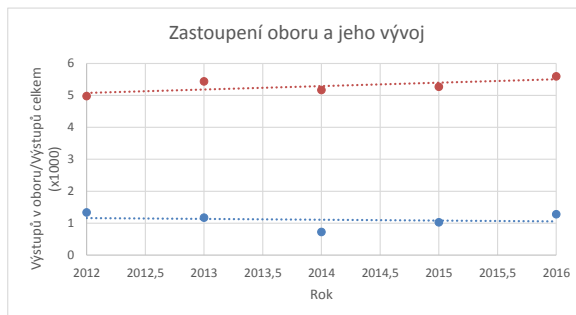
SURGERY



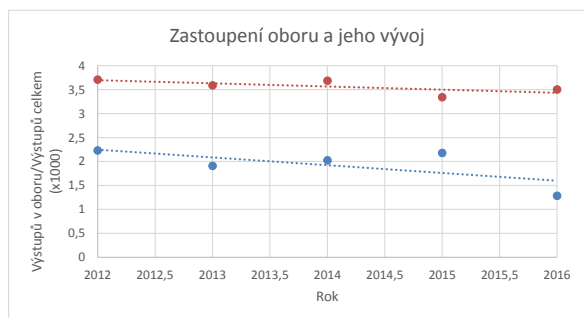
SPORT SCIENCES



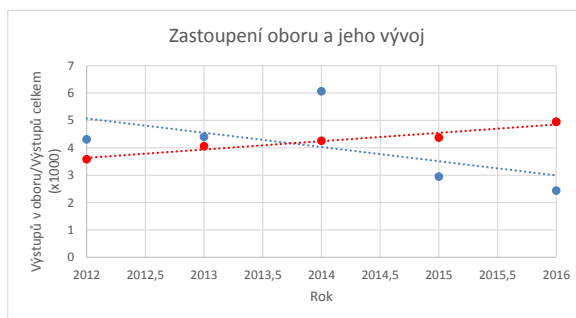
TELECOMMUNICATIONS



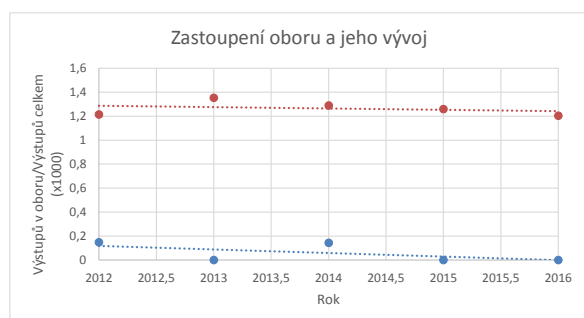
STATISTICS PROBABILITY



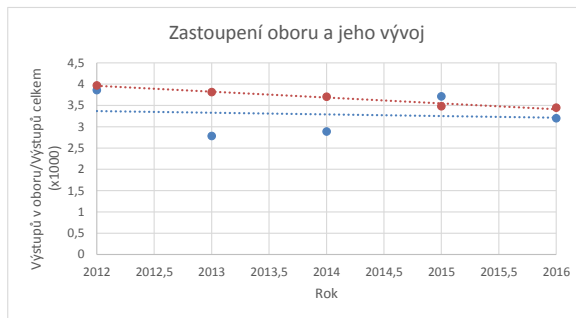
THERMODYNAMICS



SUBSTANCE ABUSE



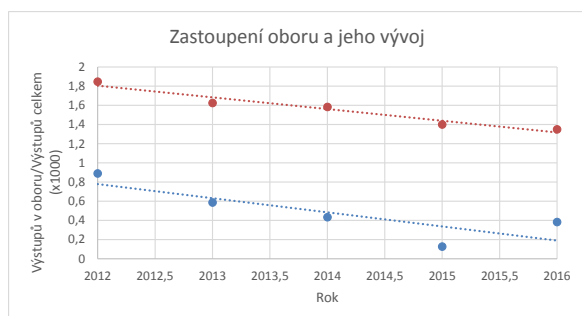
TOXICOLOGY



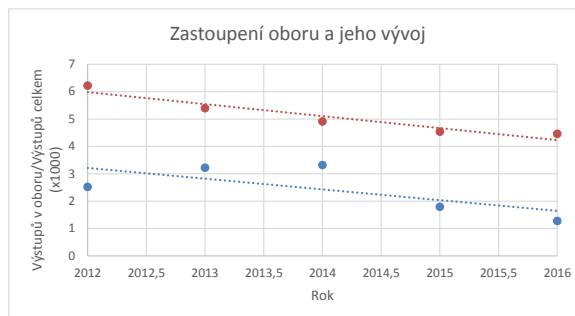
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

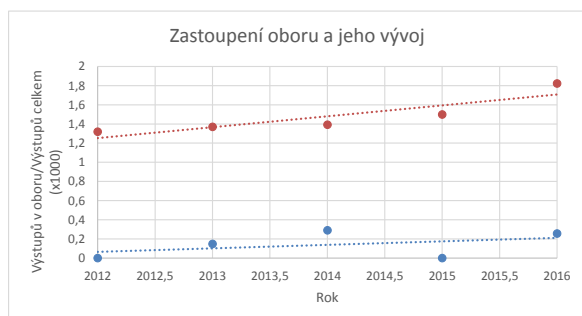
TRANSPLANTATION



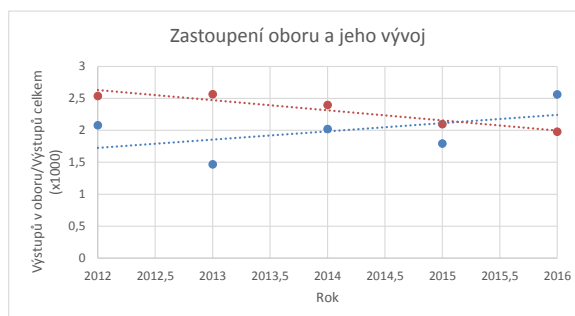
VETERINARY SCIENCES



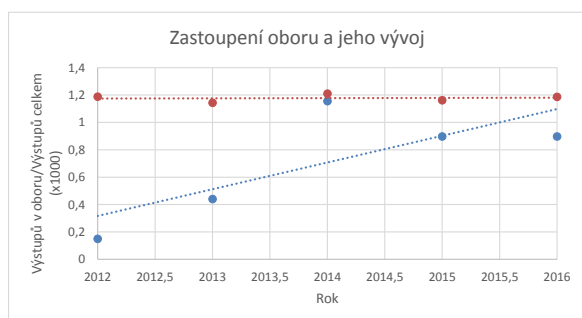
TRANSPORTATION SCIENCE TECHNOLOGY



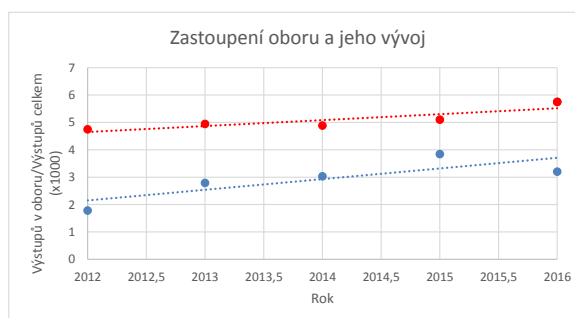
VIROLOGY



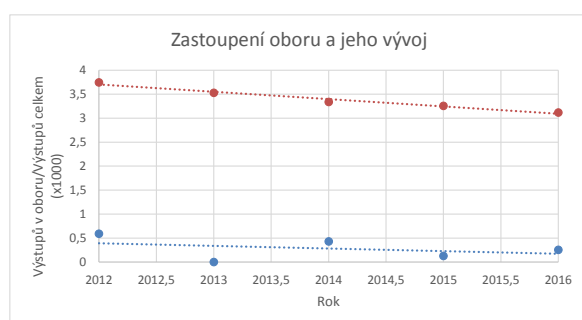
TROPICAL MEDICINE



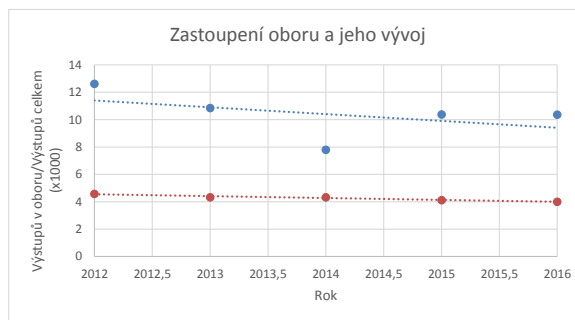
WATER RESOURCES



UROLOGY NEPHROLOGY



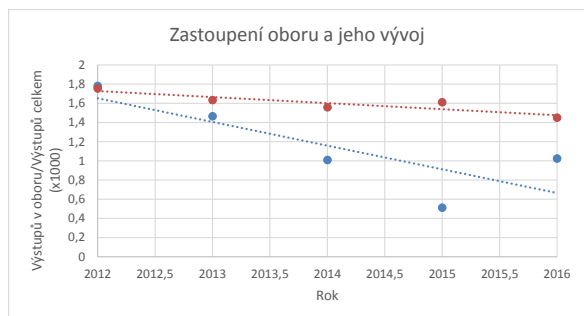
ZOOLOGY



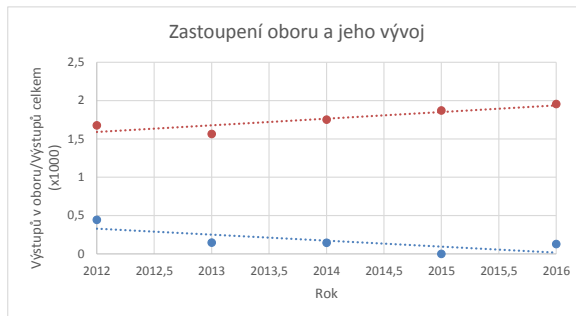
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

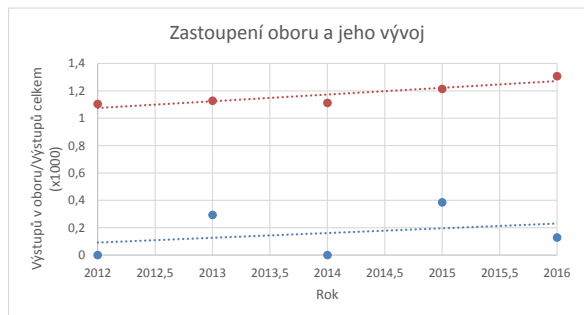
ANTHROPOLOGY



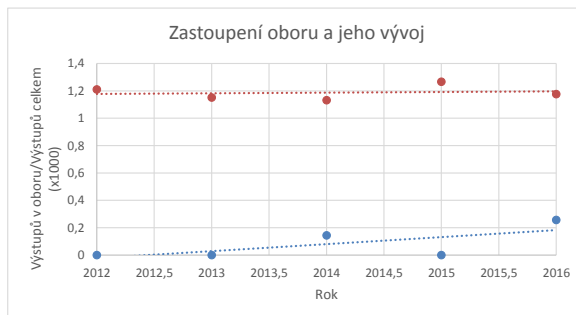
COMMUNICATION



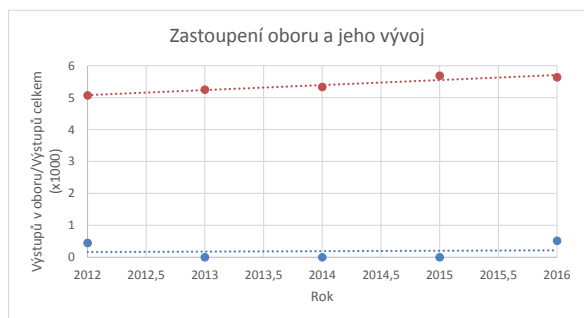
AREA STUDIES



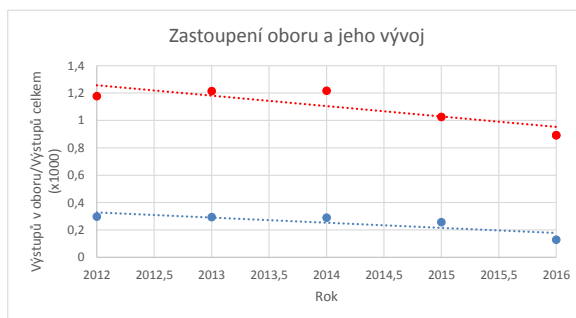
CRIMINOLOGY PENOLOGY



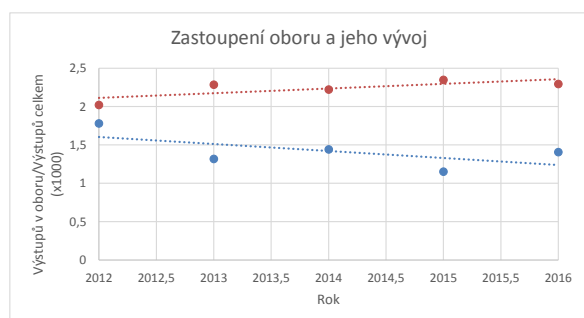
BUSINESS



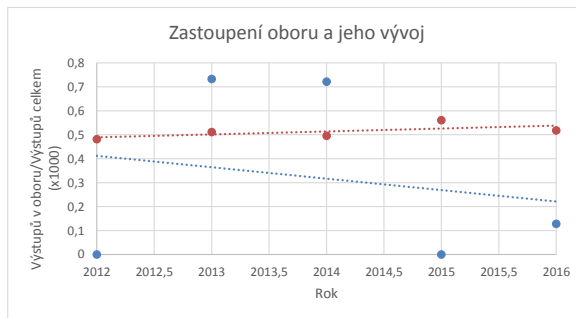
CULTURAL STUDIES



BUSINESS FINANCE



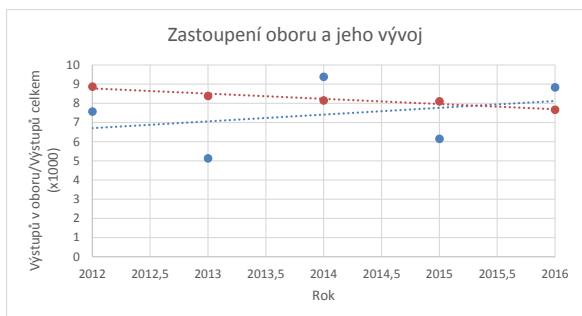
DEMOGRAPHY



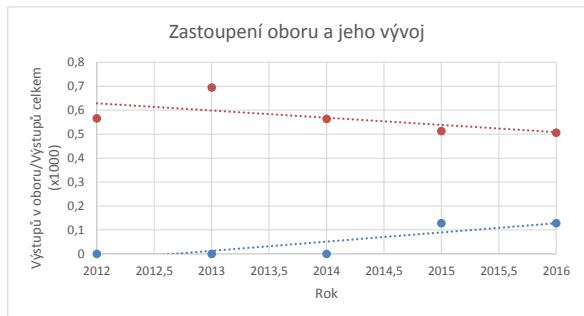
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

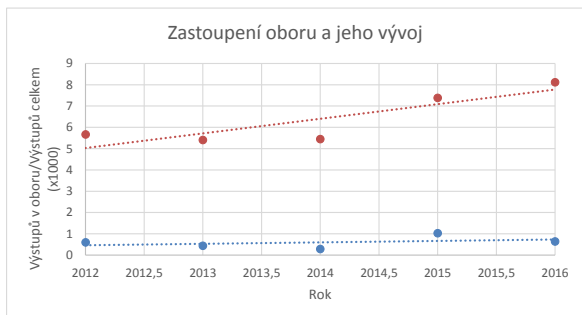
ECONOMICS



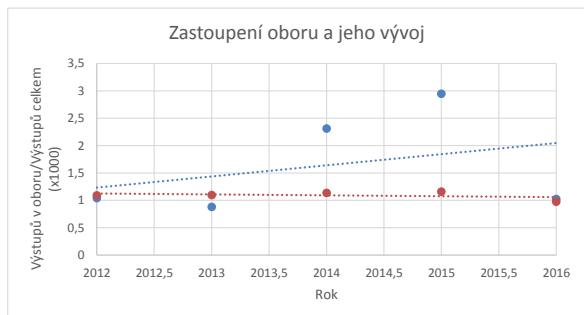
ERGONOMICS



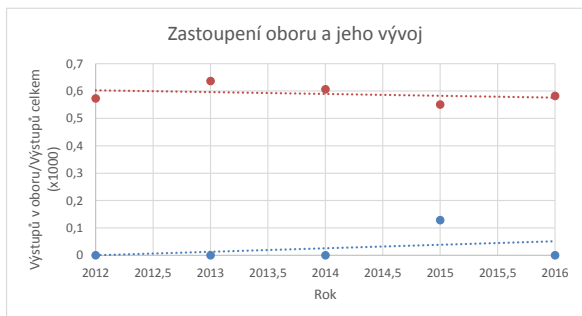
EDUCATION EDUCATIONAL RESEARCH



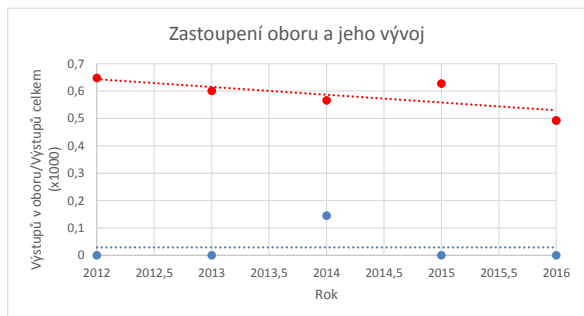
ETHICS



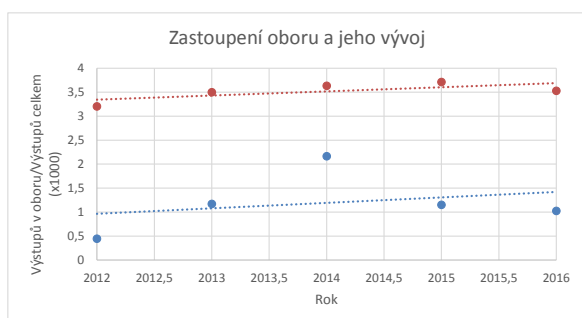
EDUCATION SPECIAL



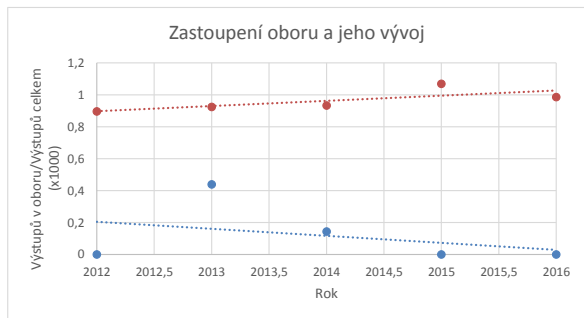
ETHNIC STUDIES



ENVIRONMENTAL STUDIES



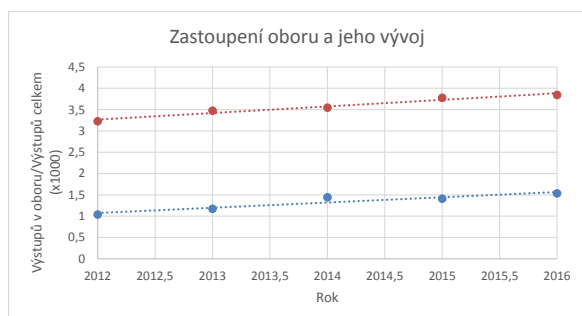
FAMILY STUDIES



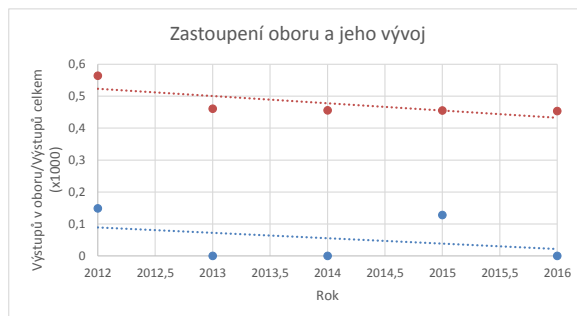
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

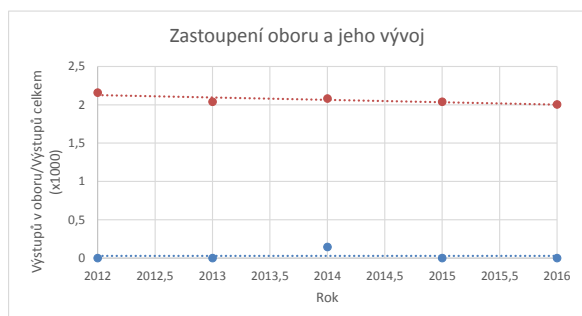
GEOGRAPHY



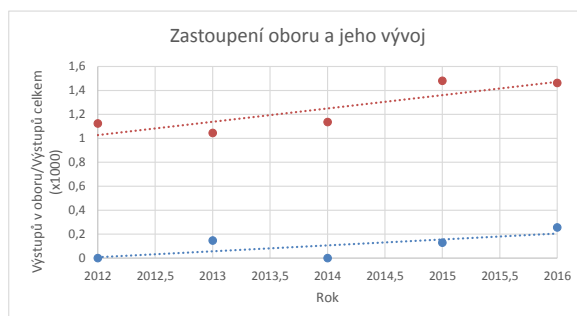
HISTORY OF SOCIAL SCIENCES



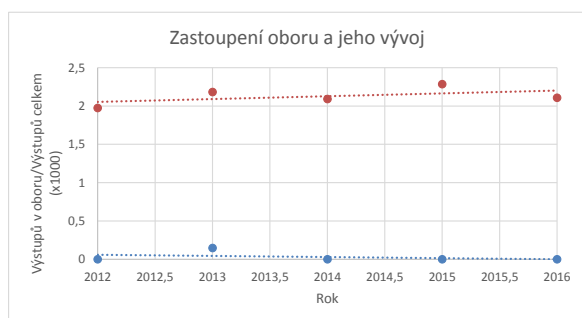
GERONTOLOGY



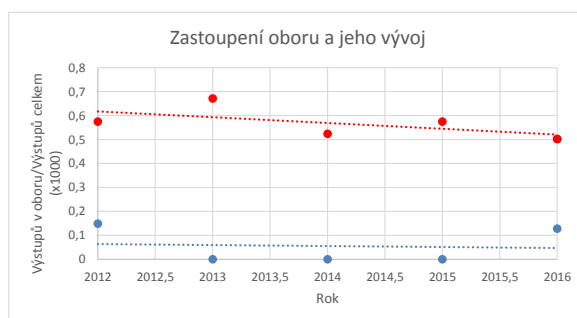
HOSPITALITY LEISURE SPORT TOURISM



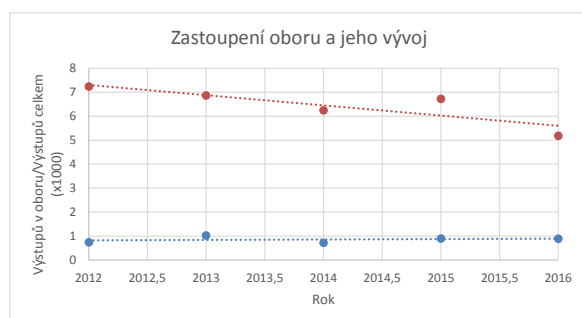
HEALTH POLICY SERVICES



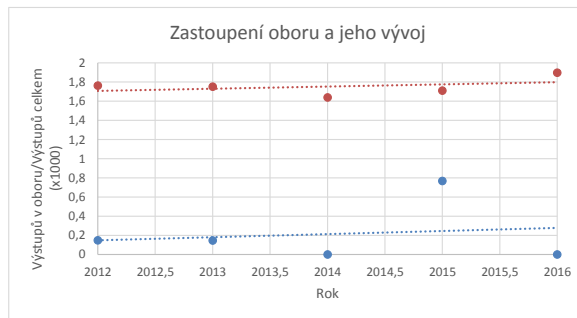
INDUSTRIAL RELATIONS LABOR



HISTORY



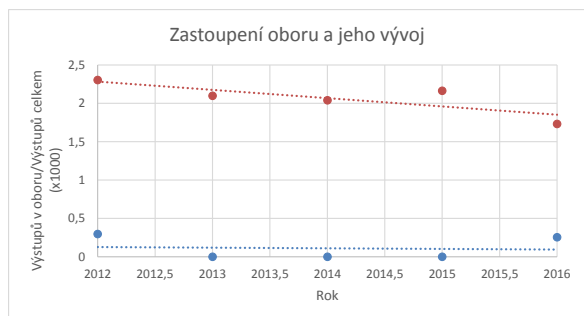
INFORMATION SCIENCE LIBRARY SCIENCE



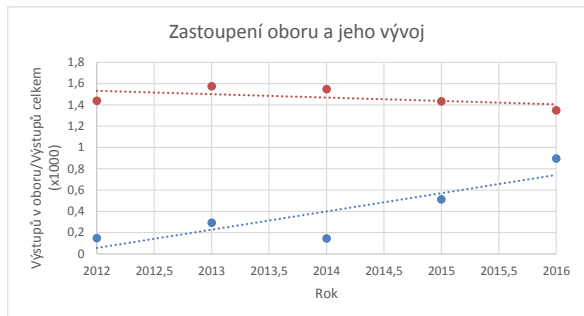
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

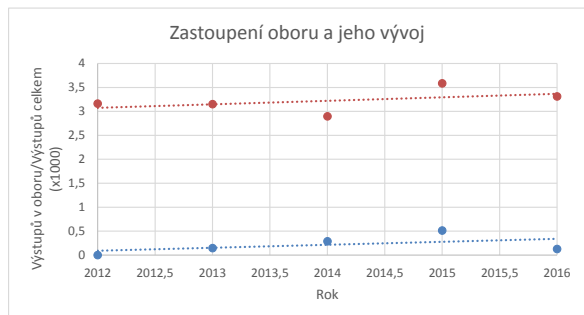
INTERNATIONAL RELATIONS



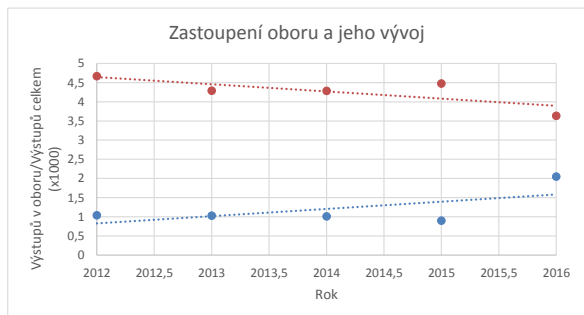
PLANNING DEVELOPMENT



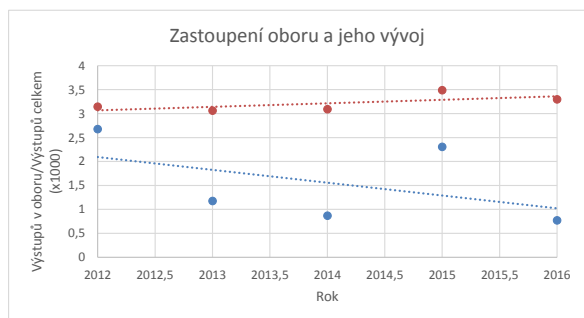
LAW



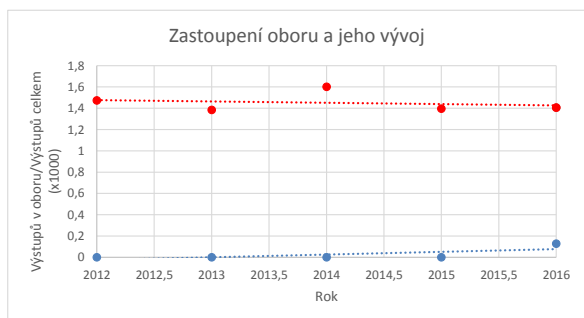
POLITICAL SCIENCE



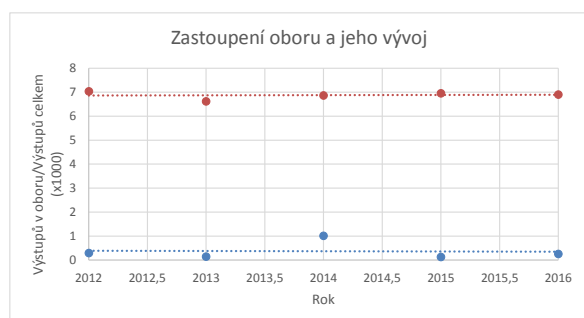
LINGUISTICS



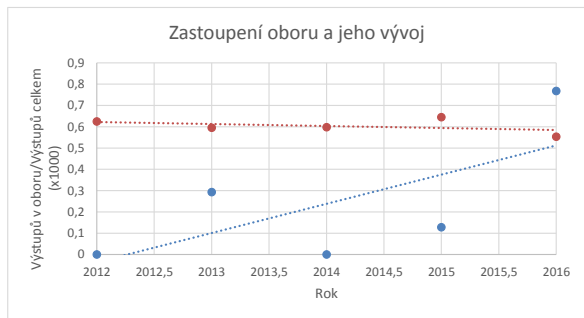
PSYCHOLOGY APPLIED



MANAGEMENT



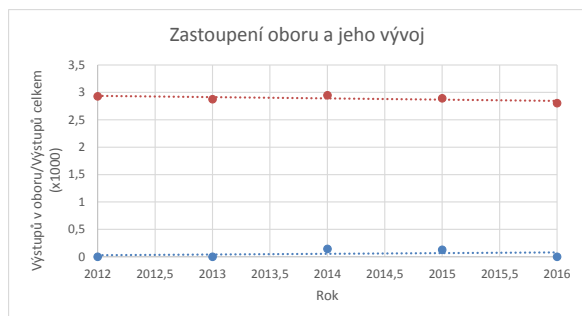
PSYCHOLOGY BIOLOGICAL



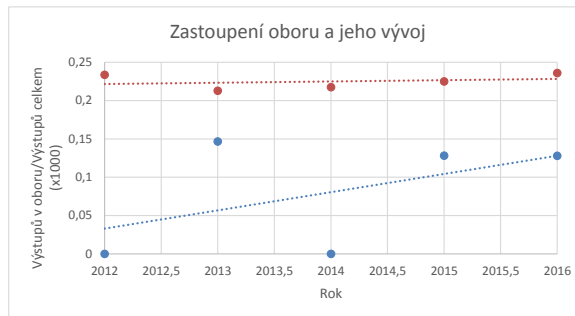
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

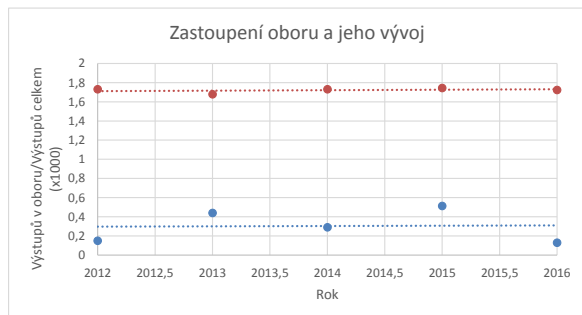
PSYCHOLOGY CLINICAL



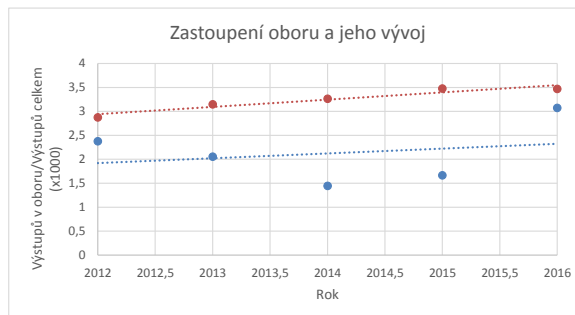
PSYCHOLOGY MATHEMATICAL



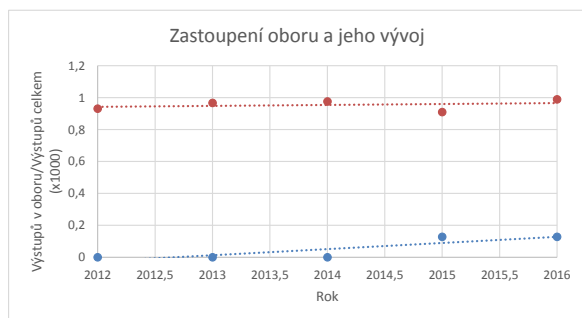
PSYCHOLOGY DEVELOPMENTAL



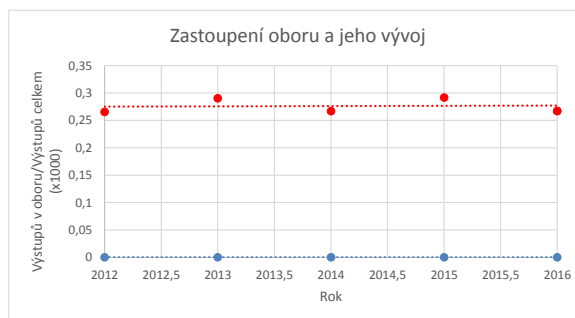
PSYCHOLOGY MULTIDISCIPLINARY



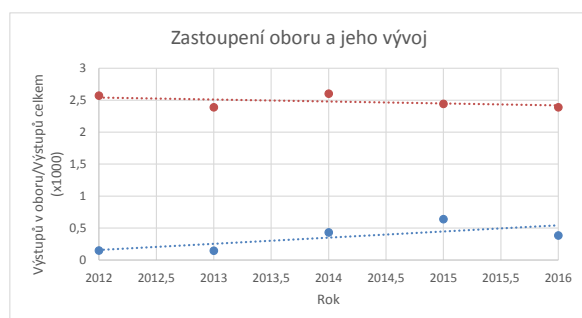
PSYCHOLOGY EDUCATIONAL



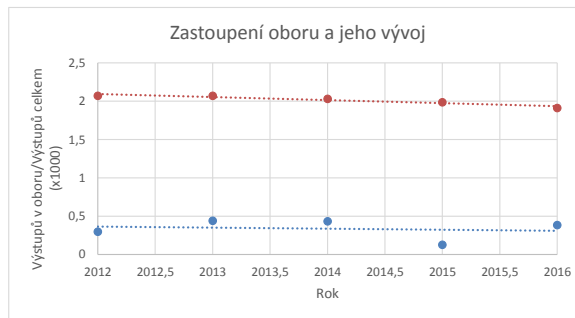
PSYCHOLOGY PSYCHOANALYSIS



PSYCHOLOGY EXPERIMENTAL



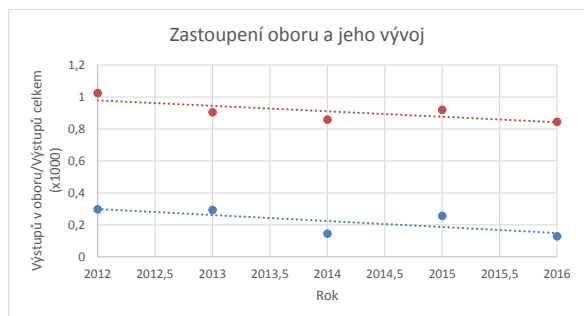
PSYCHOLOGY SOCIAL



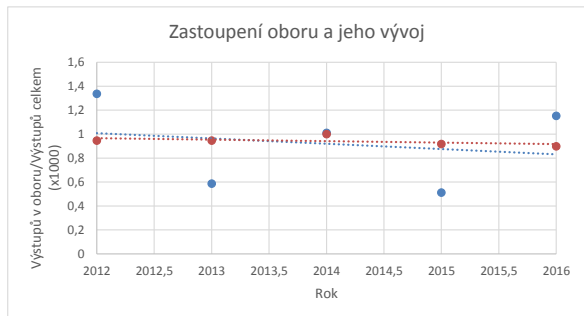
Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

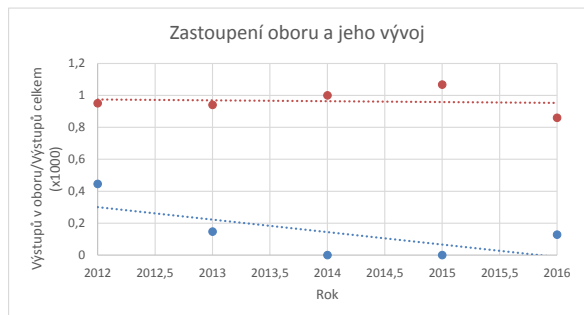
PUBLIC ADMINISTRATION



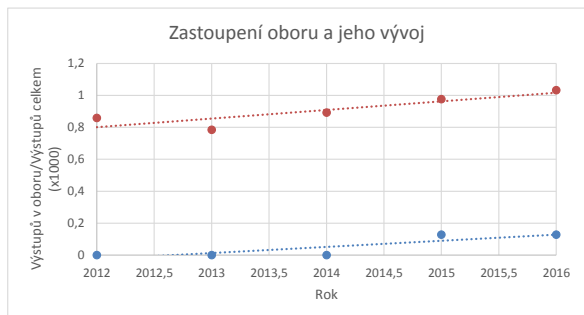
SOCIAL SCIENCES MATHEMATICAL METHODS



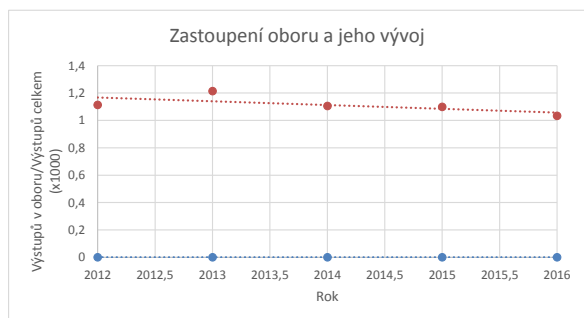
SOCIAL ISSUES



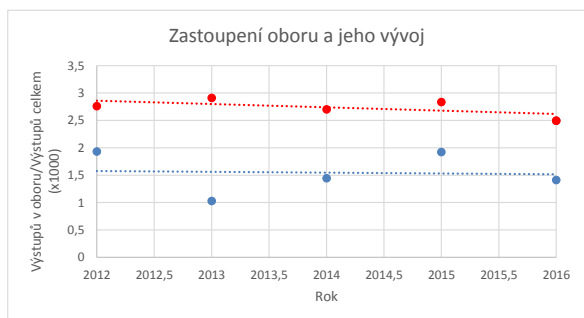
SOCIAL WORK



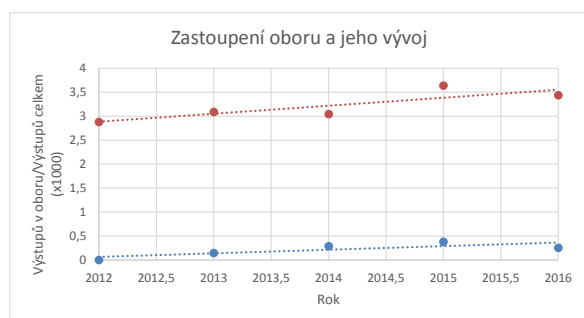
SOCIAL SCIENCES BIOMEDICAL



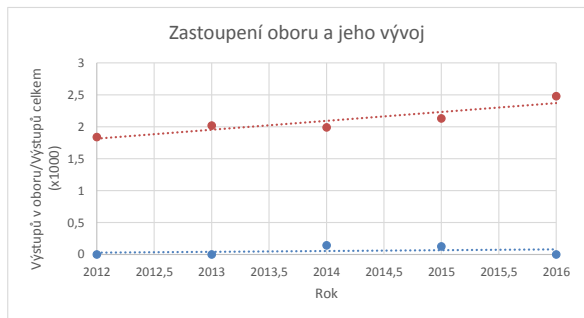
SOCIOLOGY



SOCIAL SCIENCES INTERDISCIPLINARY



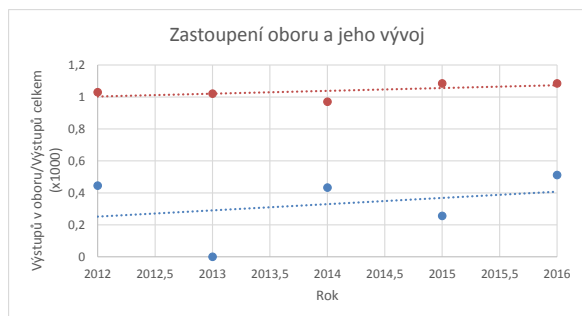
TRANSPORTATION



Velikost oboru a jeho vývoj v čase pro svět (červená) a AV (modrá)

(počet výstupů v oboru/celkový počet výstupů v daném roce x 1000)

URBAN STUDIES



0



Celkem



0



0



0



0



0

