

# SIA: MONEY ISN'T THE ONLY THING THAT MATTERS



# **WHAT CAN A SOCIAL SCIENTIST DO FOR A SIA THAT ISN'T ECONOMIC— THAT DOESN'T HAVE MONEY AS A KEY VARIABLE?**

- **How about looking at “happiness” or “well-being”?**
- **What does management influence that can be important to happiness or well-being?**
- **How about aspects of the occupation of fishing and their relationships with job satisfaction?**



**EXTERNAL  
FORCES**



**MANAGEMENT**



**OCCUPATION  
ATTRIBUTES**



**EXTERNAL  
FORCES**



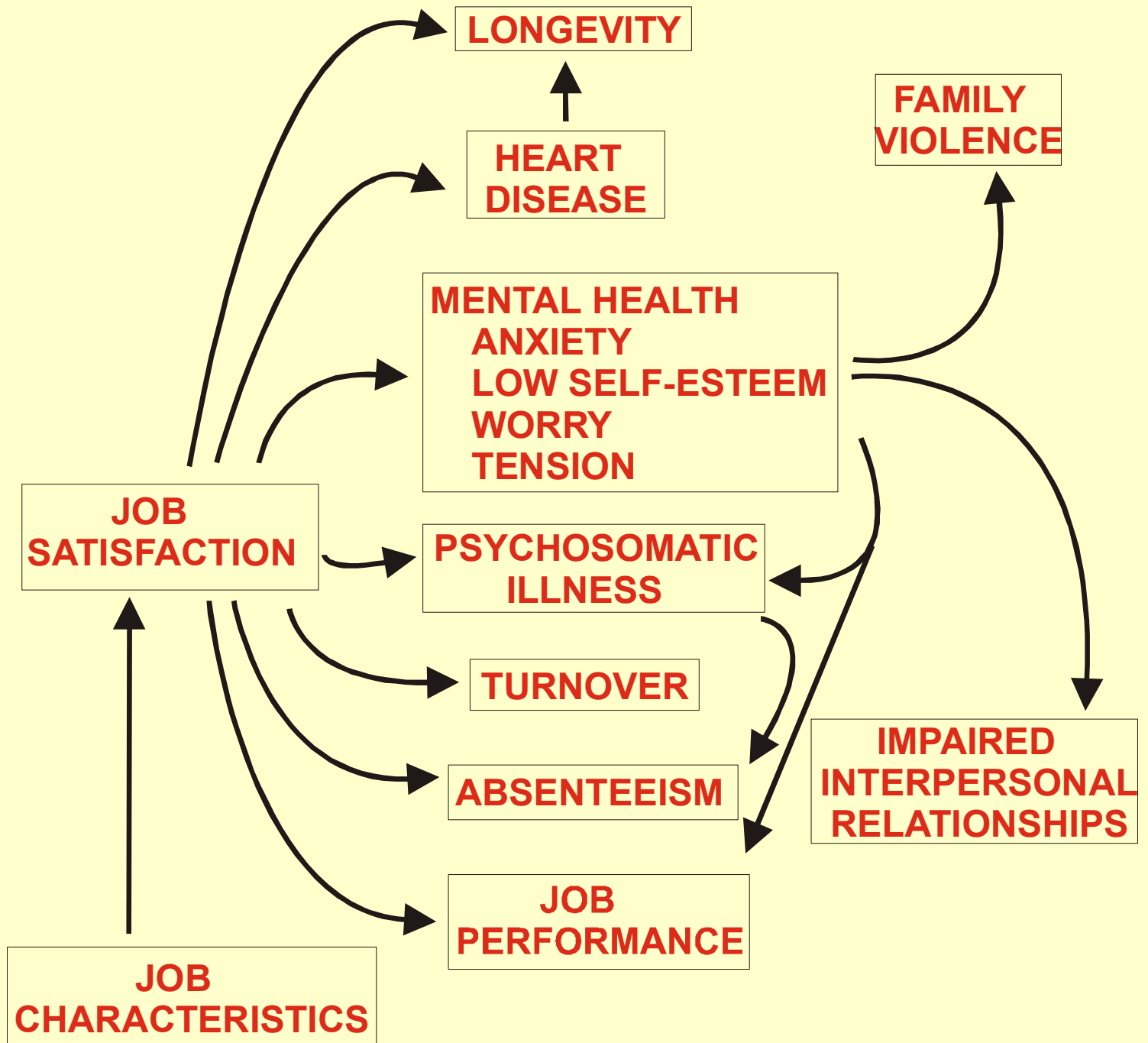
**MANAGEMENT**

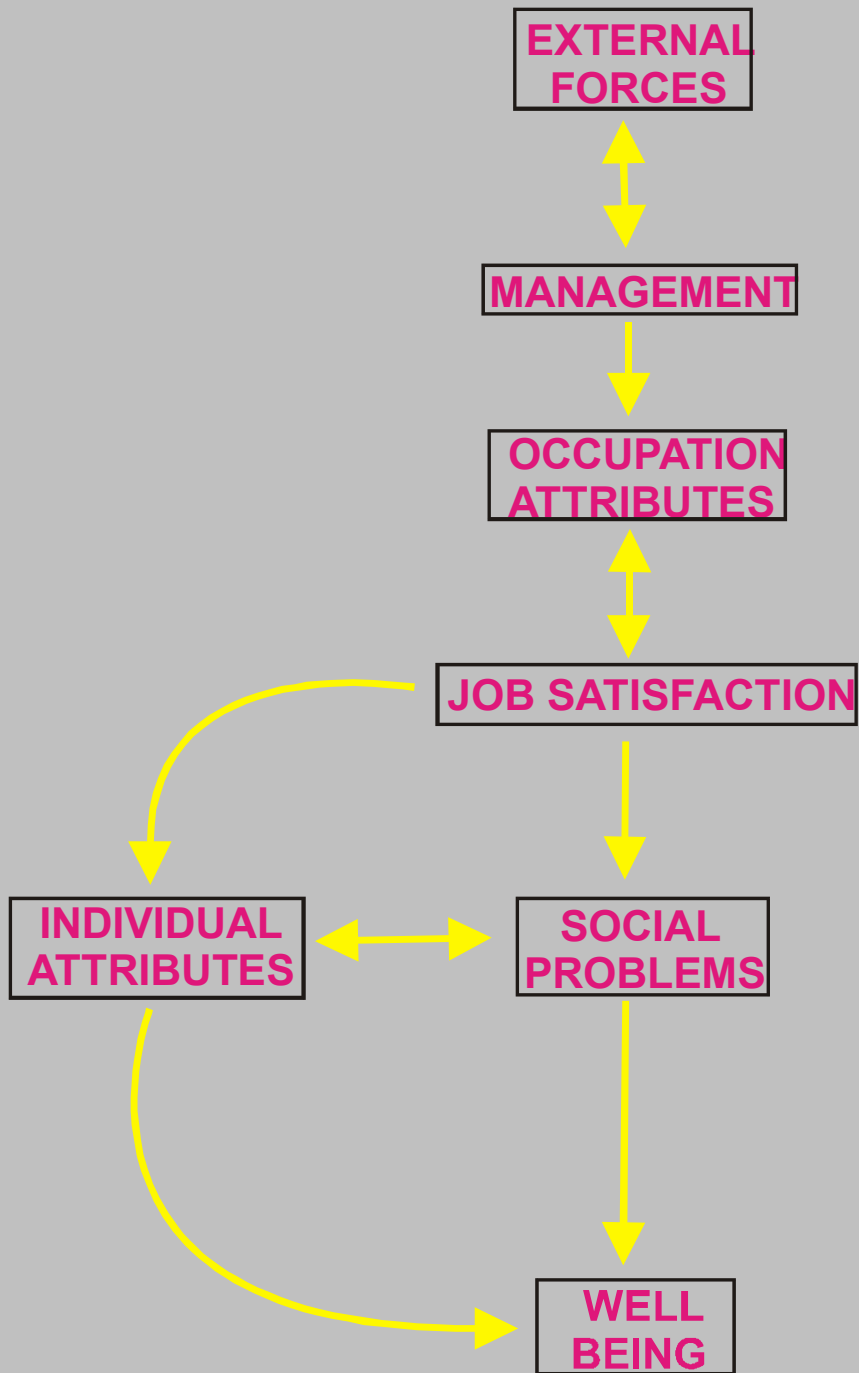


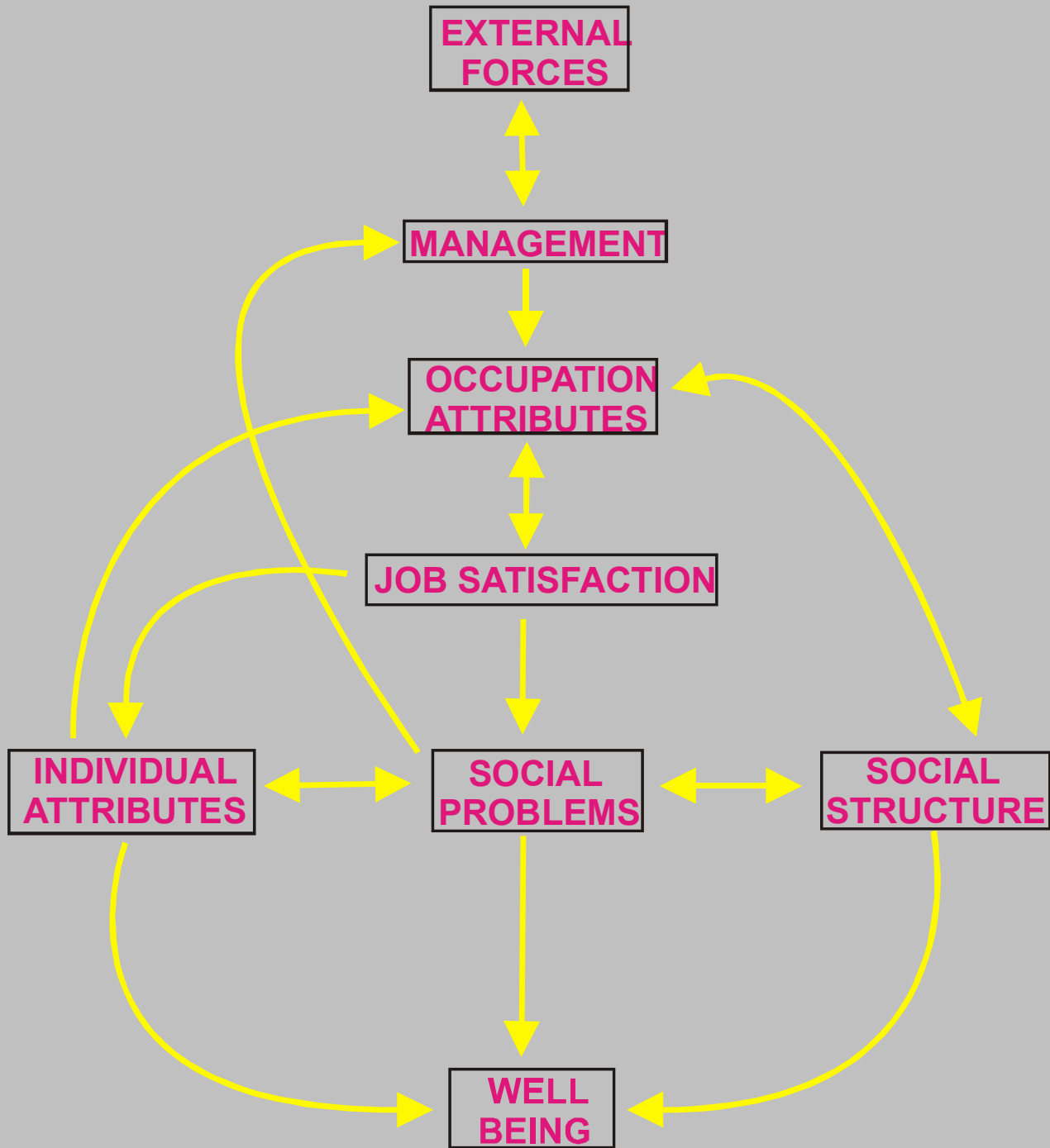
**OCCUPATION  
ATTRIBUTES**



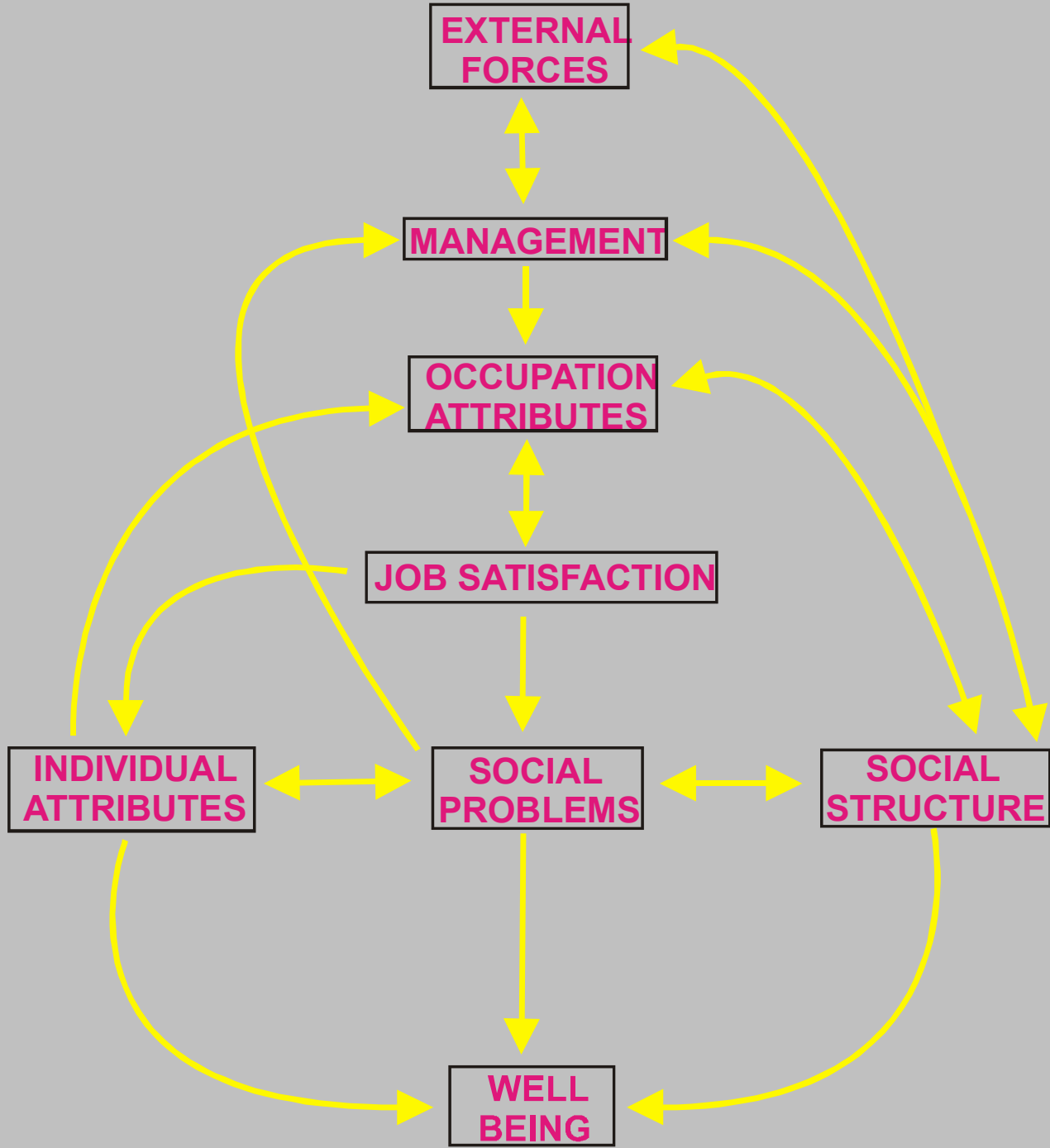
**JOB SATISFACTION**

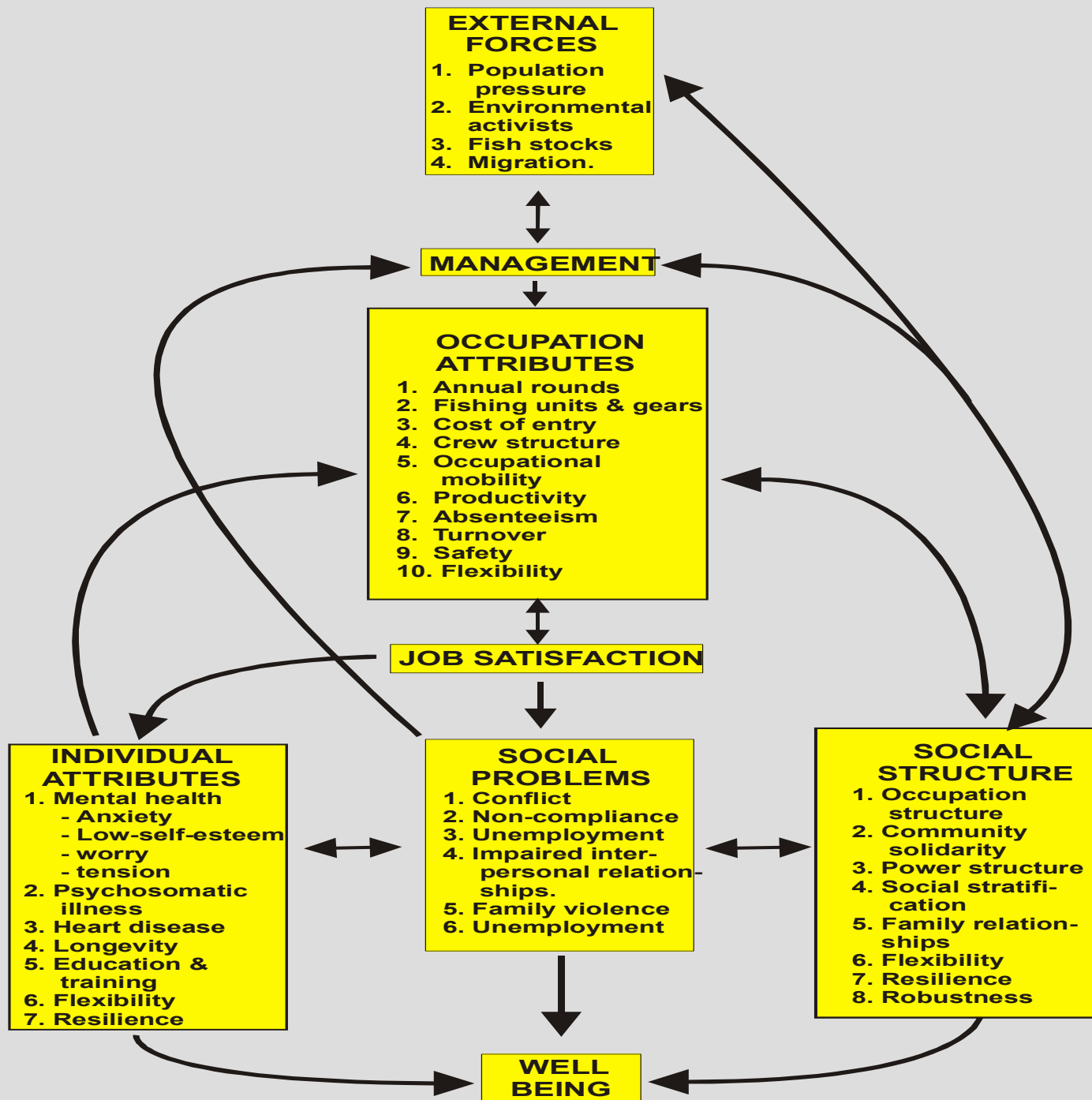






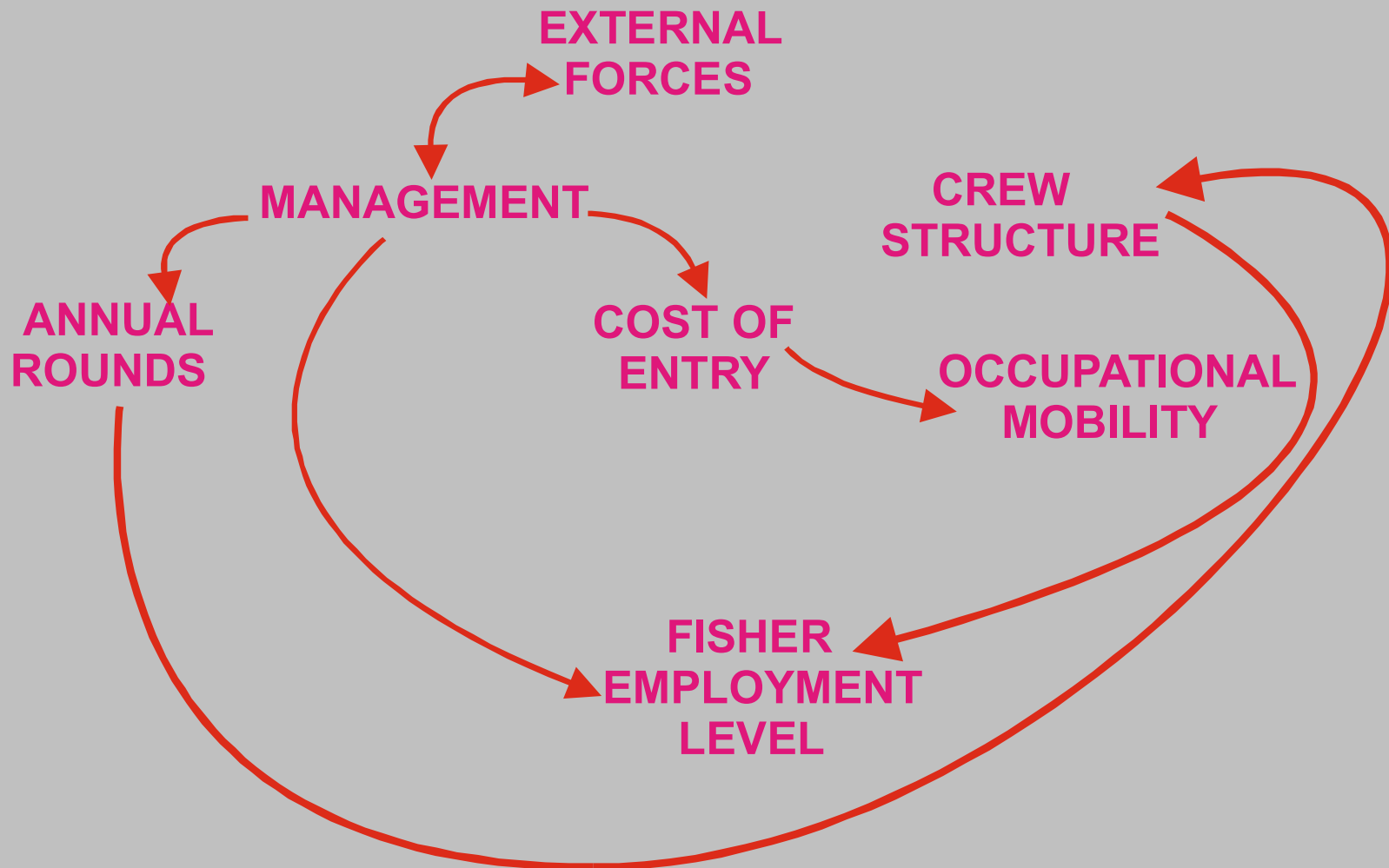






## EXAMPLE OF POTENTIAL APPLICATION

- External forces have influenced managers in some areas (e.g., Alaska) to implement individual fishery quotas (IFQs).
- In some fisheries in Alaska, the IFQ influenced crew size (no need for a large crew to maximize catches during a short open season); hence, number of crew jobs available.
- The IFQ also influenced crew structure (with a smaller crew the owner could rely on a few family members).
- The IFQ also influenced occupational mobility. The cost of an IFQ became so large that many young men lost the hope of ever accumulating enough capital to enter the fishery.



## EXAMPLE OF POTENTIAL APPLICATION (contd.)

- Fishers who could spread fishing effort across a longer time period and fish when conditions were better had increased job satisfaction.

# I LOVE THAT IFQ



## EXAMPLE OF POTENTIAL APPLICATION (contd.)

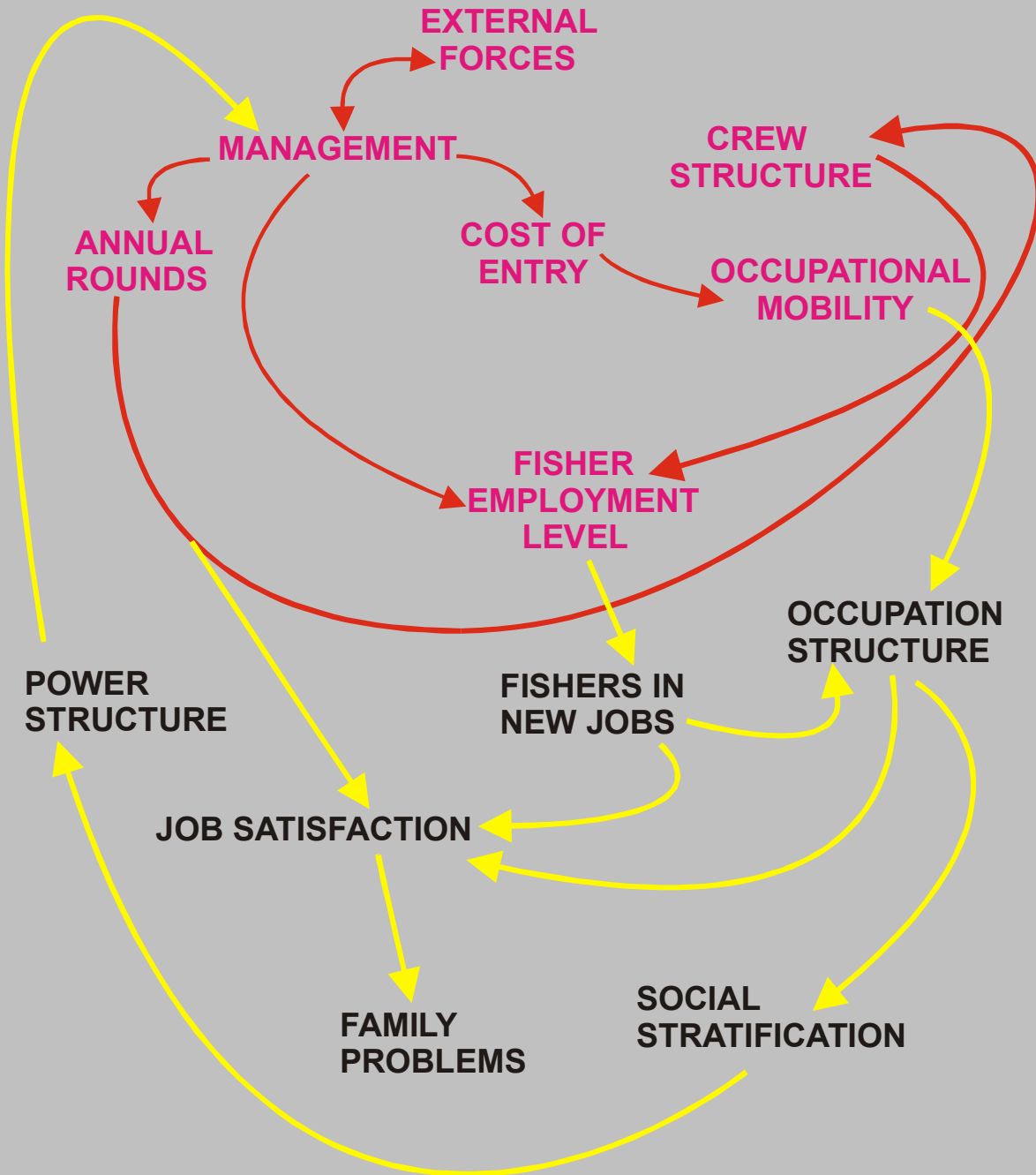
- However, some former crewmembers were forced to leave the fishery (fisher employment), others lost hope of becoming a boat owner in the fishery (occupation structure).
- Job satisfaction has decreased for these fishers.



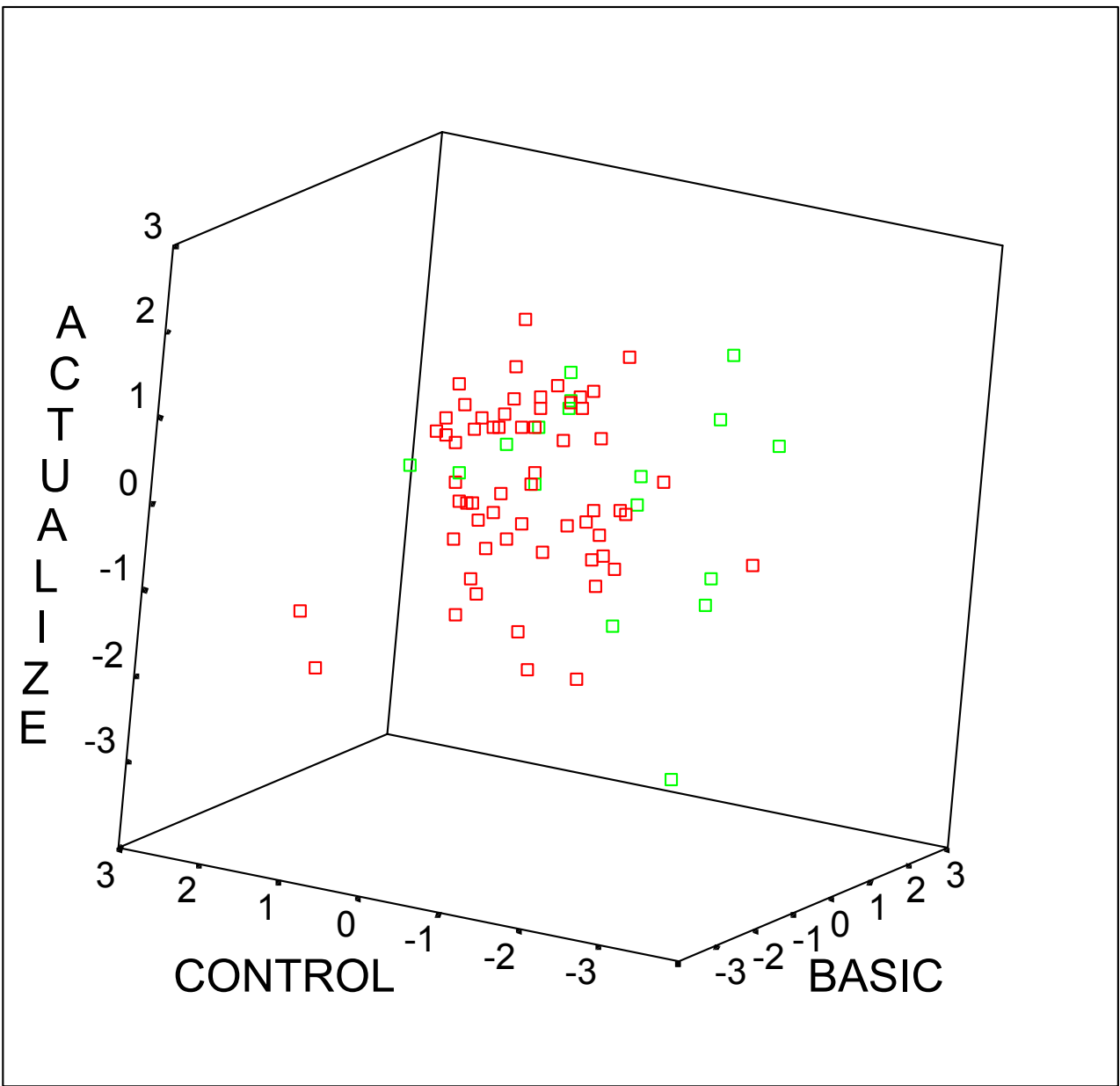
## EXAMPLE OF POTENTIAL APPLICATION (contd.)

- The changed occupation structure of the impacted communities has resulted in greater social stratification (unemployed crew members and a class of very rich IFQ holders)
- Rich IFQ holders gained more power in the community as well as increasing influence on management
- Well being & happiness has improved for some and decreased for others.





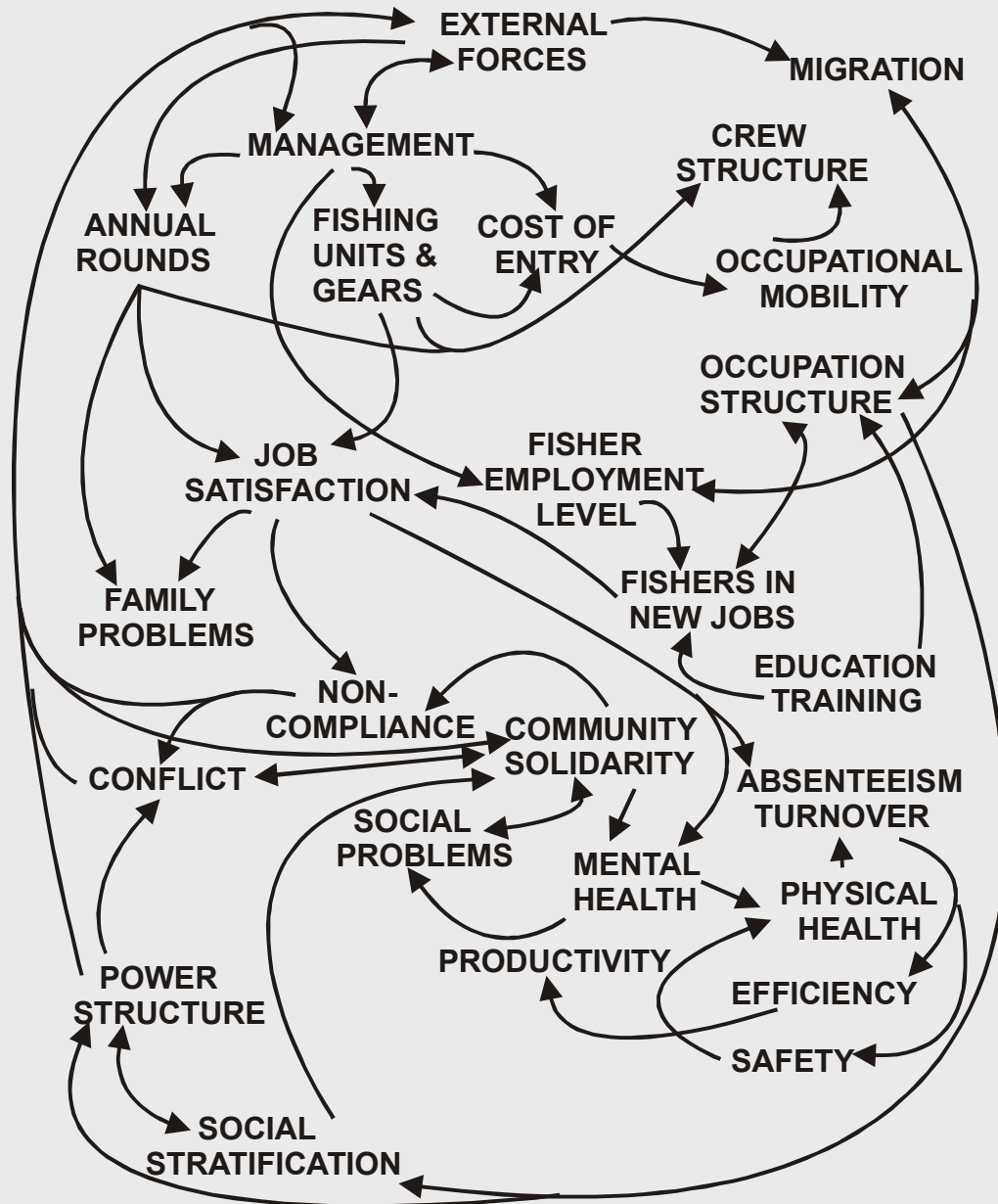


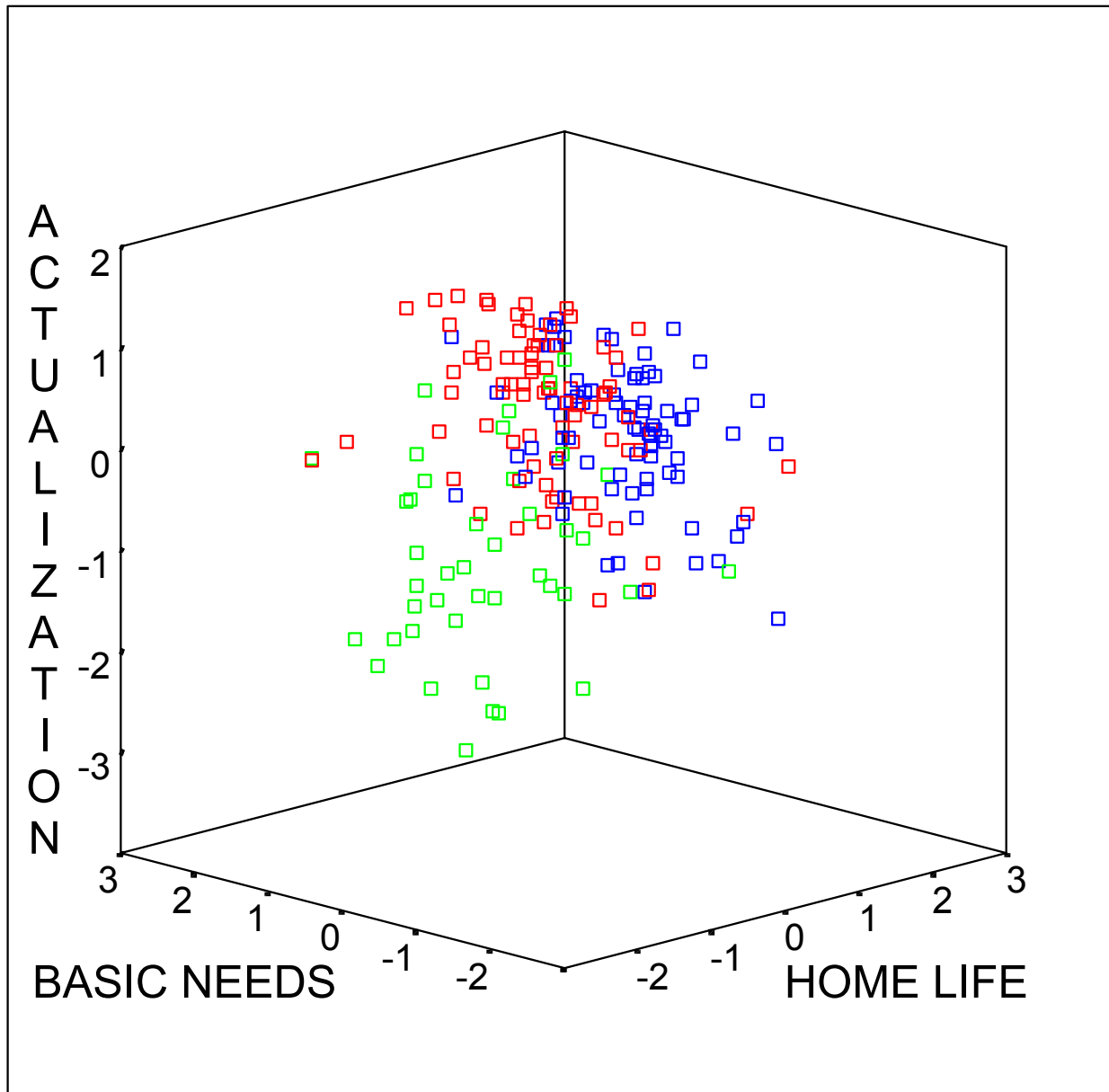


NONOWNER

CREW

OWNER

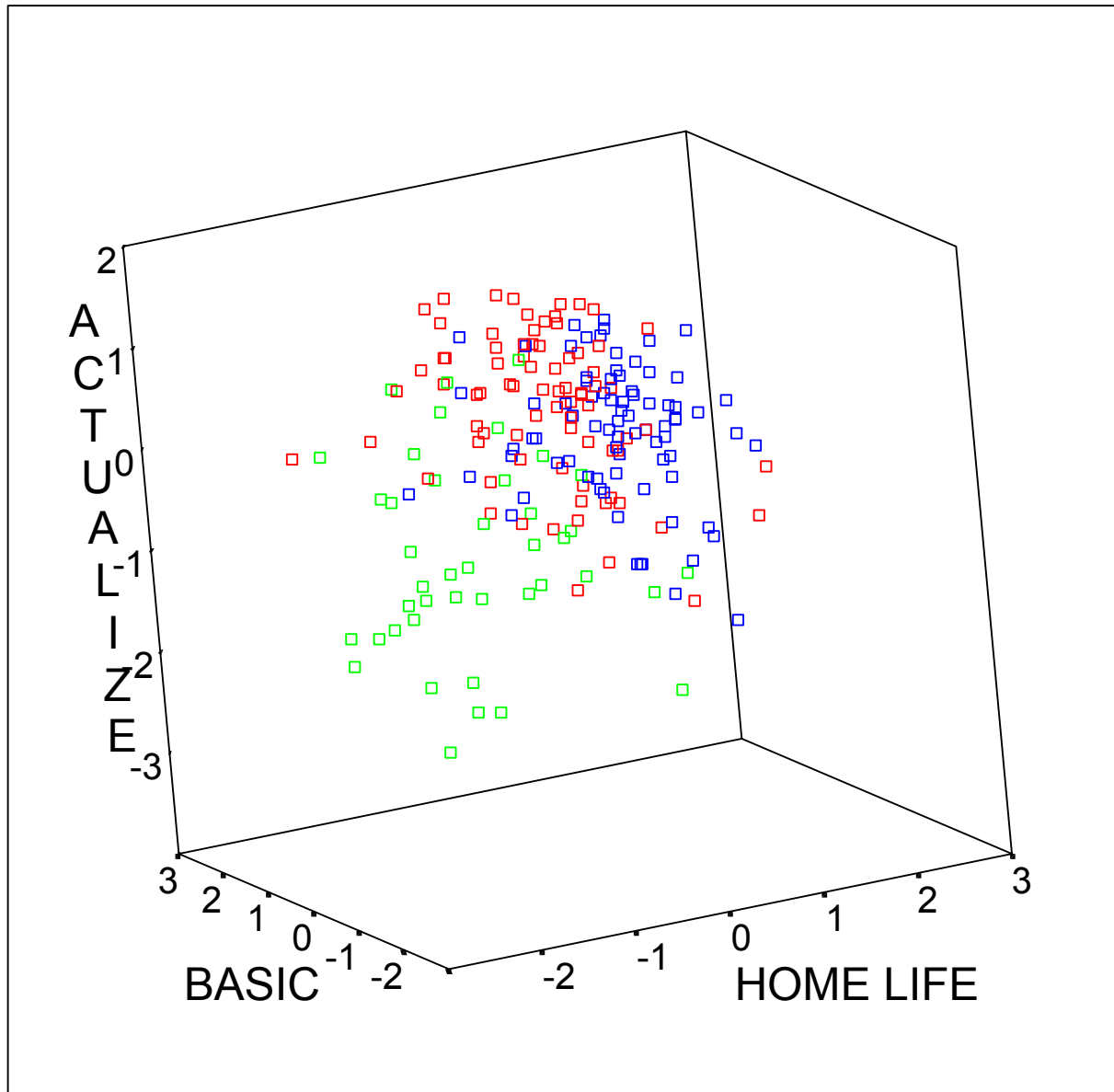




### LOCATION

- Maine
- New Bedford
- Pt. Judith





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