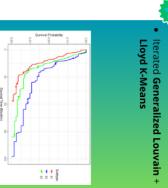
A New Method for Patient Stratification based on Multi-Layer **Network Modeling and Molecular Data Integration**

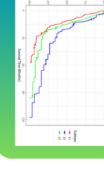


• GBM (n = 215) • BIC (n = 105) • KRCCC (n = 124) • LSCC (n = 105) Cohort



• **COAD** (n = 92)





Independent Validation Cohort

NSCLC (n = 393)

Findings

Clinical Relevance

Framework

Significant Patients Stratification

Therapy Optimization for

Clinical **Key Factors** for each



Precision Oncology

Authors: Manuela Petti, Davide Mascolo, Caterina Alfano, and Lorenzo Farina.

Conclusion:

patient stratification through data integration for clearer disease subtypes, and The proposed method put-performed SNF method (state-of-the-art). It enhanced idnvaces precision treatment tailoring therapy to individual needs. Scalable for ersonalized medicine and able to reveal clinical-related survival differences.