## **Deep Learning Paradigm Shift Detection: Multi-Signal Timeline Analysis** 1.00 **2013 Citation Discription**0.50 0.25 0.00 1.00 2009 2013 2015 2017 Semantic Shift 0.50 0.25 0.00 - 101.00 **2008** 1990 1999 2014 **Notation Notation Notation** 0.00 1.0 Pre-Deep Learning Era Renaissance Period CNN Dominance Transformer Era Citation Disruption Final Detections (Confidence) 0.6 0.4 0.2 Ba Semantic Shift 2013 2009 **Direction Volatility** 1995 **Final Detection** 1990 Historical Paradigm Deep Learning Renaissance AlexNet/CNN Revolution Transformer ckpropagation Era 0.0 <del>|</del> 1985

2005

2010

2015

2020

1990

1995

2000

Year