



- Defects & vulnerabilities (134)
 - Dataset selection (1)
 - Defect & vulnerability detection (101)
 - Defect localisation (14)
 - Defect introduction detection (2)
 - Defect proneness prediction (3)
 - Defect repair (9)
 - Patch correctness prediction (1)
 - Vulnerability fixing commit detection (3)
 - Vulnerability prevention (1)
 - Vulnerability severity prediction (1)
 - Vulnerable community detection (1)

- Code summarisation (42)
 - Commit message generation (2)
 - Method name generation (6)

- Malicious code detection (7)
 - Malicious repository detection (1)
 - Malicious script detection (6)

- Neural code search (12)

- Code generation (15)
 - Code completion (10)
 - Api recommendation (4)
 - Code edit suggestion (2)
 - Code generation from prompt (3)

- Program semantics (30)
 - Code clone detection (24)
 - Program classification (8)
 - Type prediction (4)
 - Variable name prediction (3)

- Misc (39)

- General purpose methods (40)
 - Smote for code graphs (1)
 - General finetunable graph embedding for code (6)
 - General graph embedding pipeline for code (10)
 - General graph learning for code research (2)
 - General graph learning pipeline for code (20)
 - General repository embedding pipeline (0)