

# The Conjunctive Disjunctive Graph Node Kernel for Disease Gene Prioritization

Dinh Tran-Van<sup>1</sup>, Alessandro Sperduti<sup>1</sup>, and Fabrizio Costa<sup>2</sup>

<sup>1</sup> Department of Mathematics, Padova University

<sup>2</sup> Department of Computer Science, University of Exeter  
{dinh, sperduti}@math.unipd.it, f.costa@exeter.ac.uk

## APPENDIX

**Table 1.** Indices and gene number of genetic disease-gene associations.

| Index | Disease          | Number |
|-------|------------------|--------|
| 0     | Connective       | 35     |
| 1     | Cardiovascular   | 75     |
| 2     | Dermatological   | 54     |
| 3     | Developmental    | 37     |
| 4     | Endocrine        | 62     |
| 5     | Hematological    | 106    |
| 6     | Immunological    | 94     |
| 7     | Metabolic        | 159    |
| 8     | Muscular         | 55     |
| 9     | Ophthalmological | 61     |
| 10    | Renal            | 42     |
| 11    | Skeletal         | 35     |