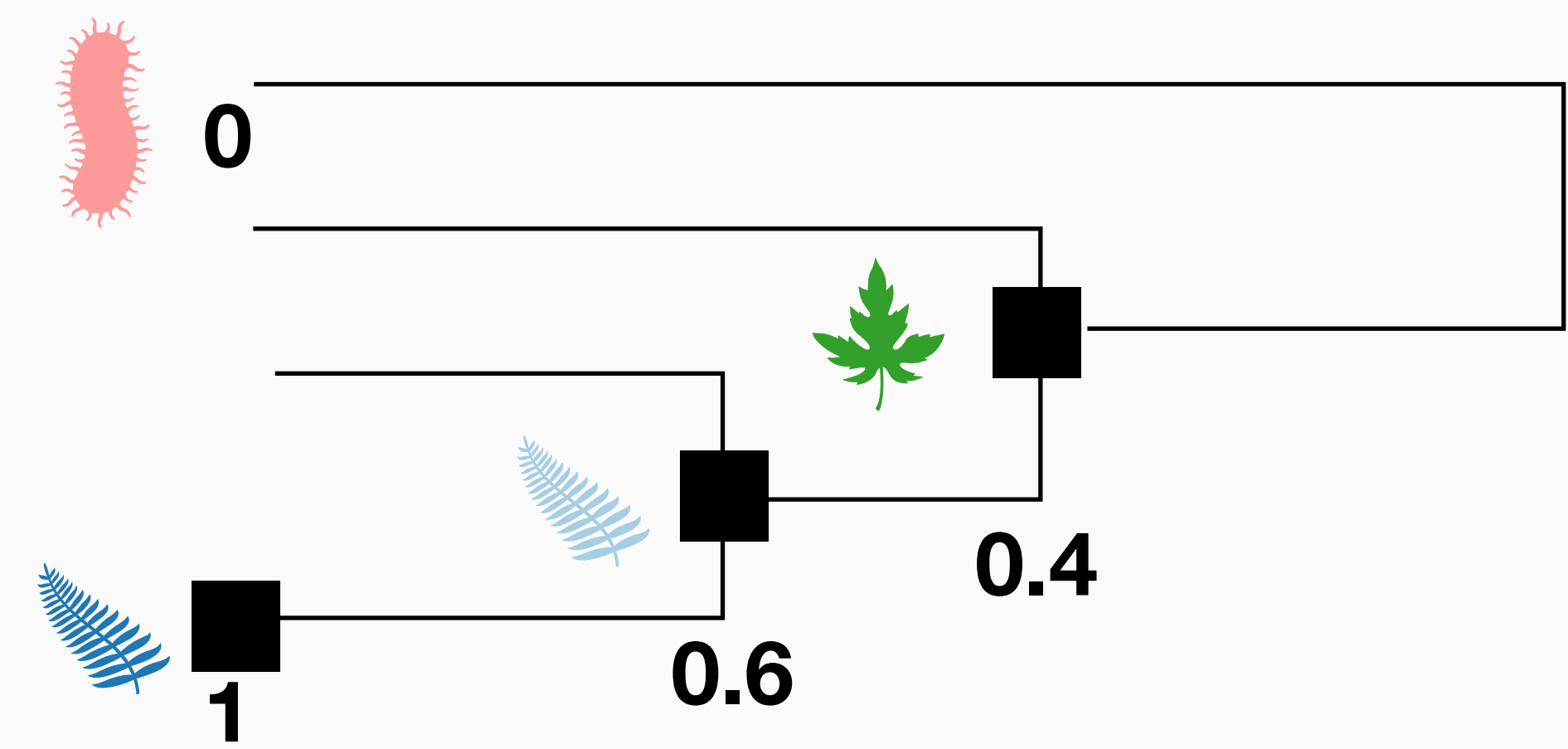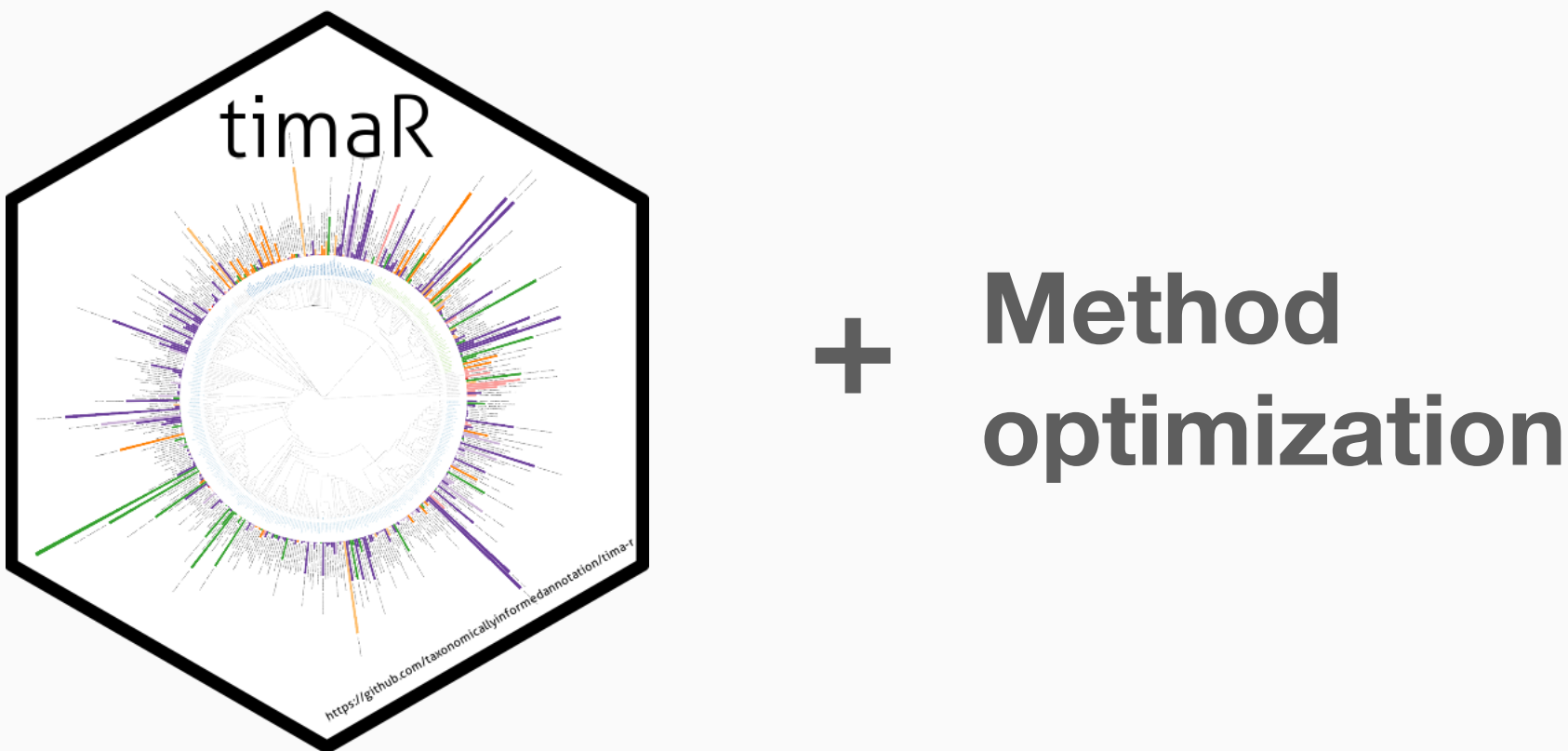**2. Taxonomically Informed Metabolite Annotation**
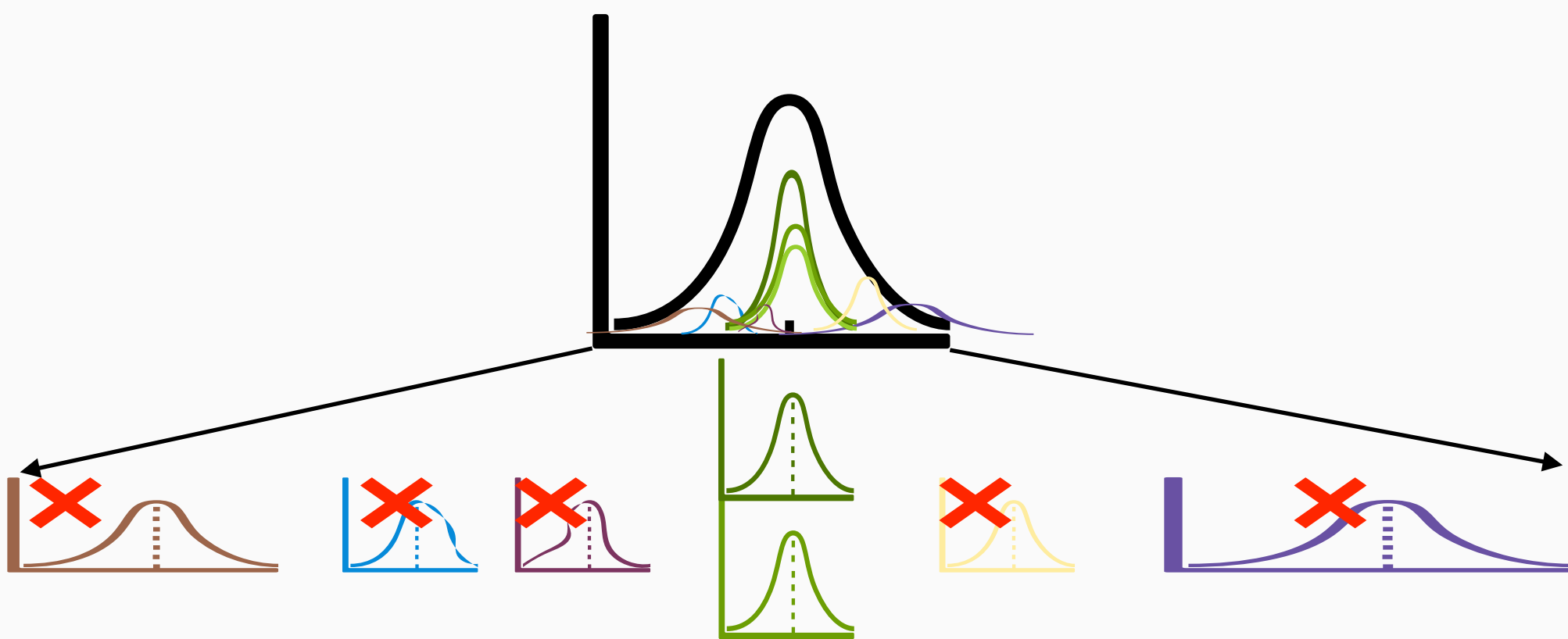

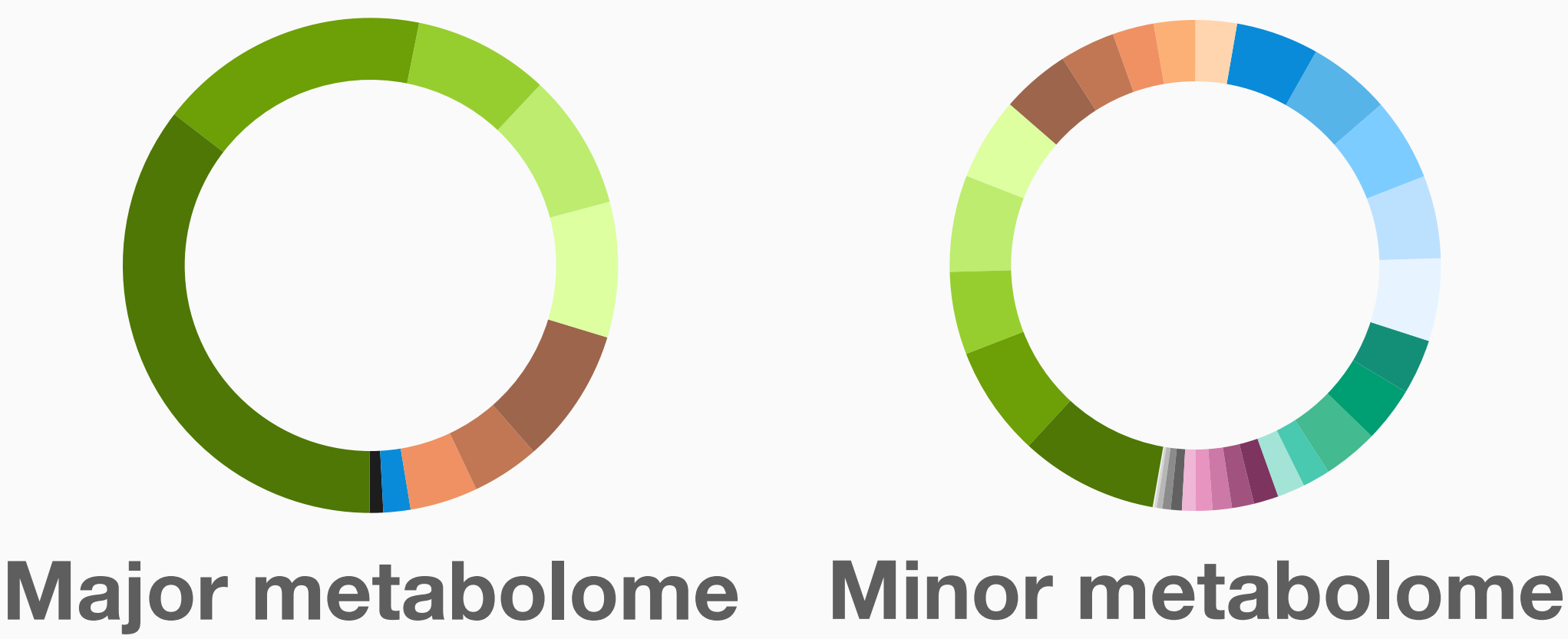**3. Establishment of an Open Knowledge Base for Natural Products Research**

4. Continuous Improvement of Acquisition Methods & Annotation

5. Coupling to Semi-Quantitative Universal Detectors

6. Automated Comprehensive Compositional Assessment

Major metabolome   Minor metabolome

7. Linking Comprehensive Chemical Assessment to Bioactivity