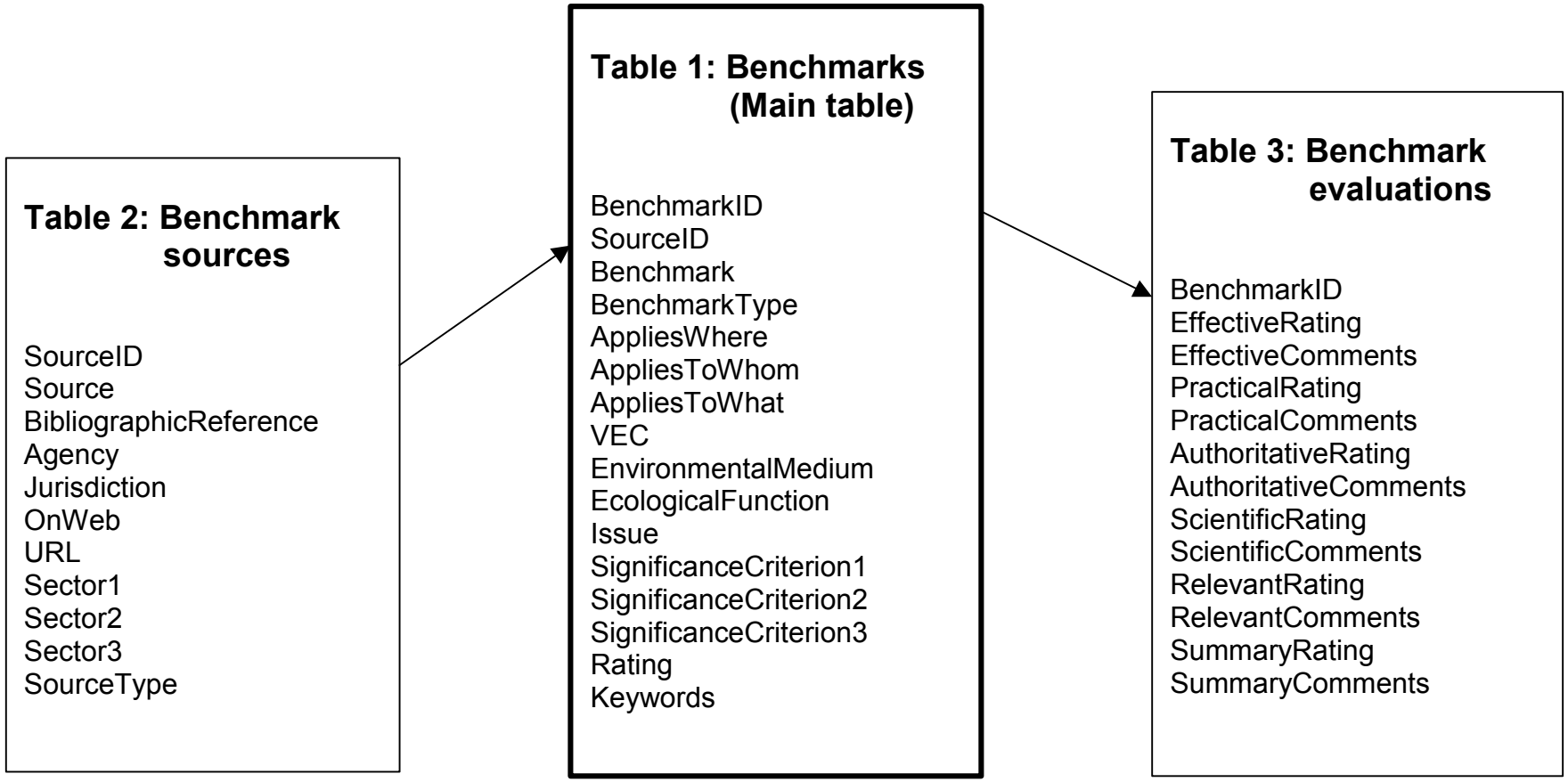Figure 2: Sample (simplified) database design