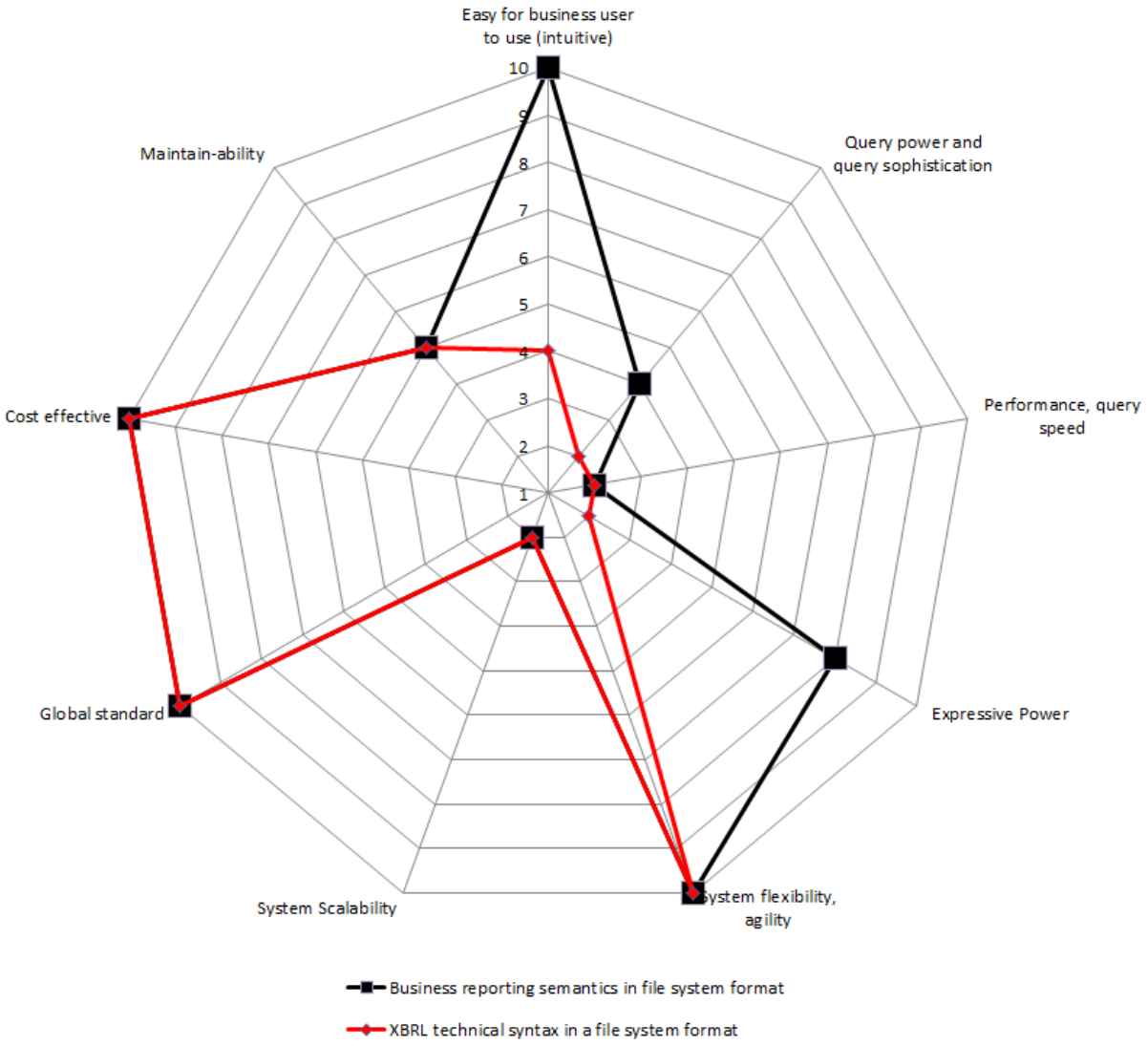
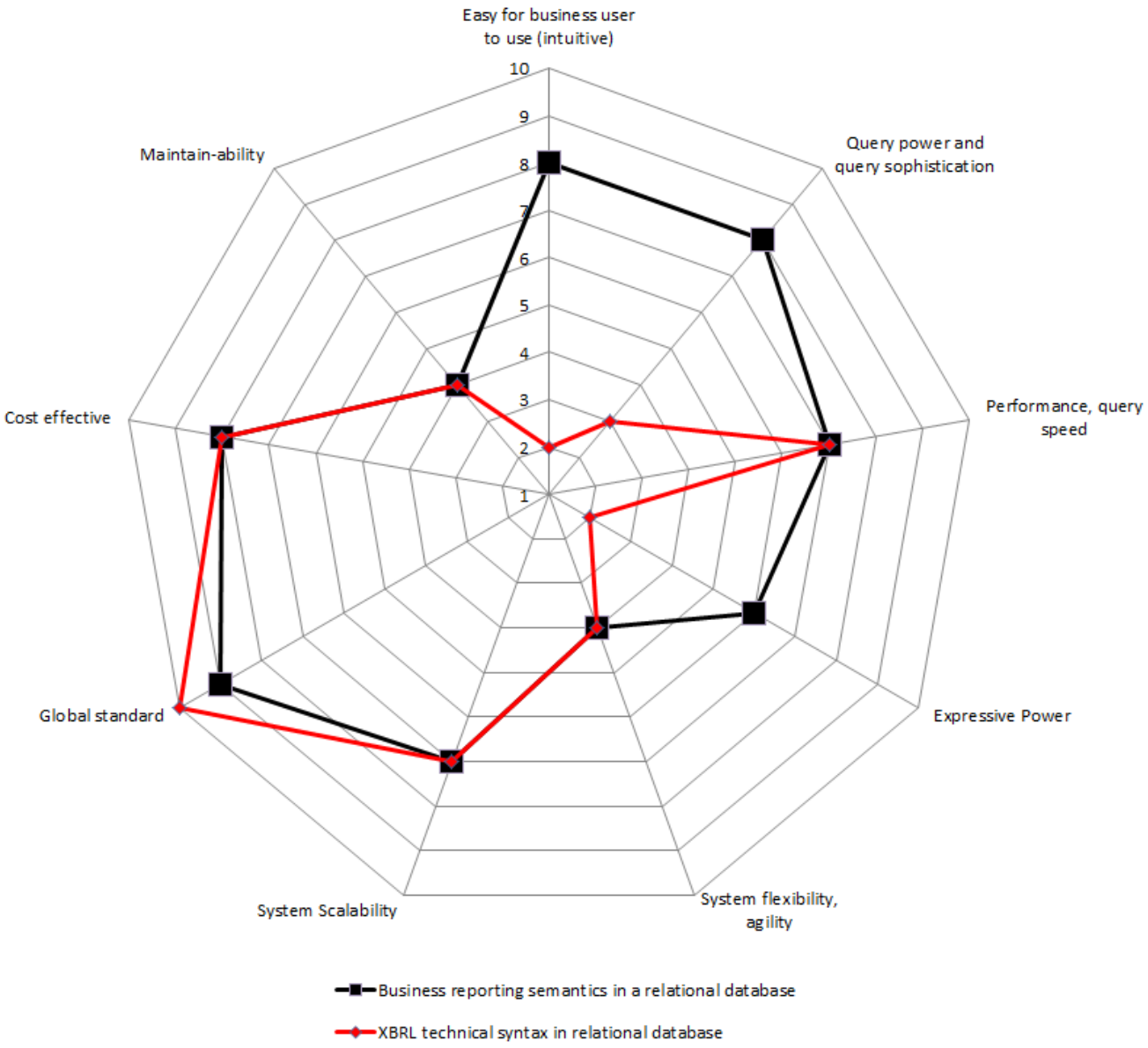
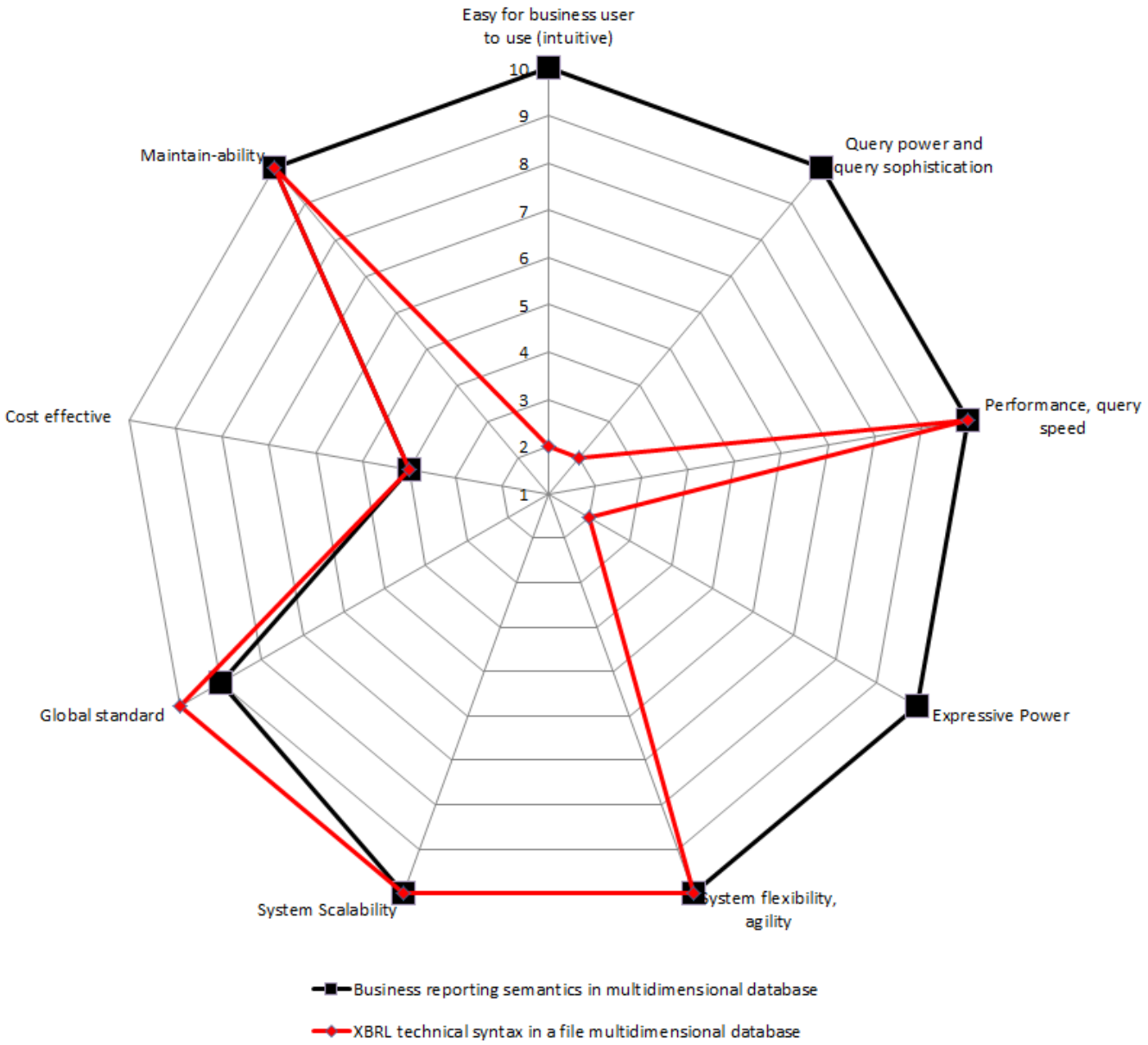
File system storage



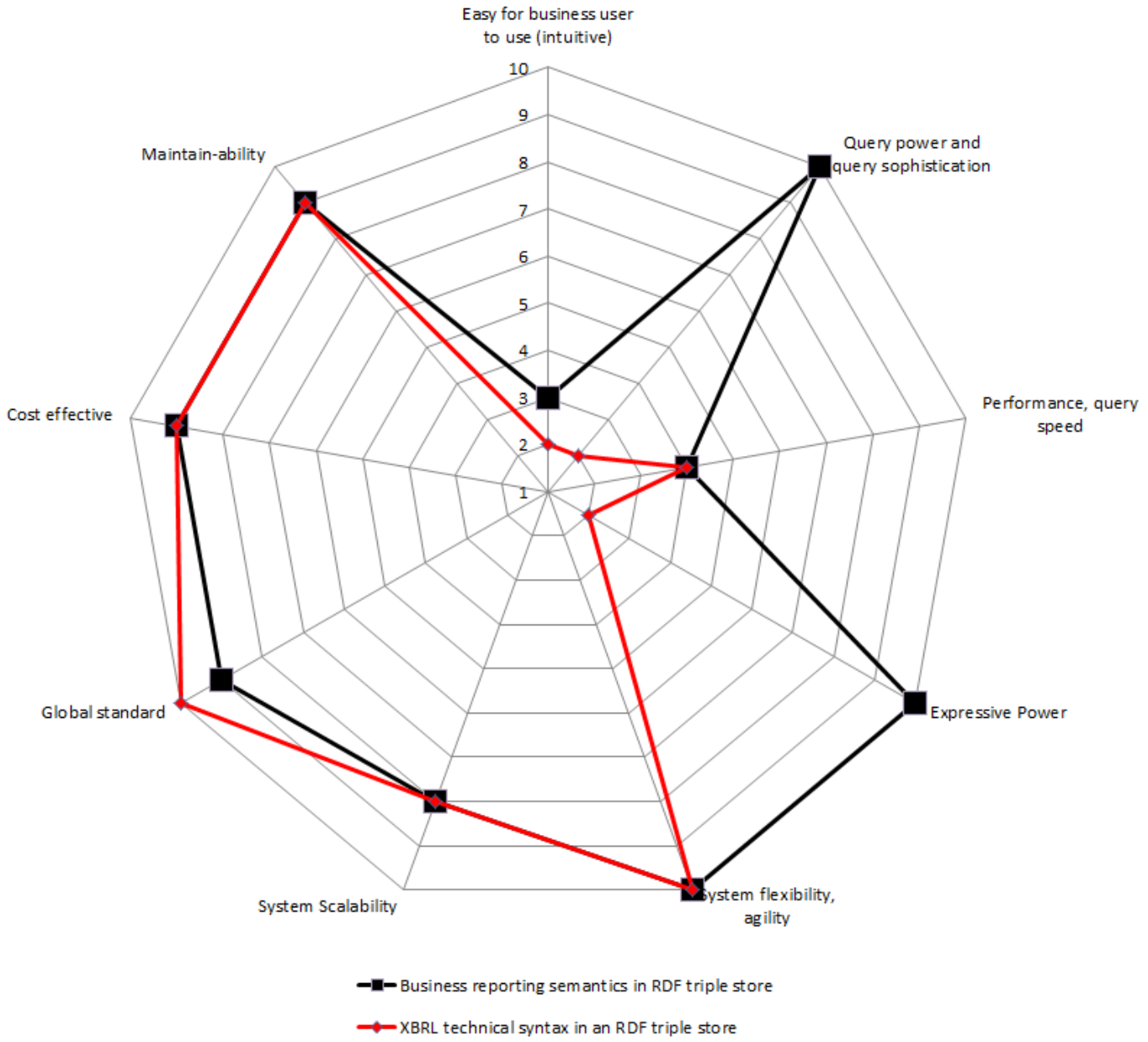
Relational Database



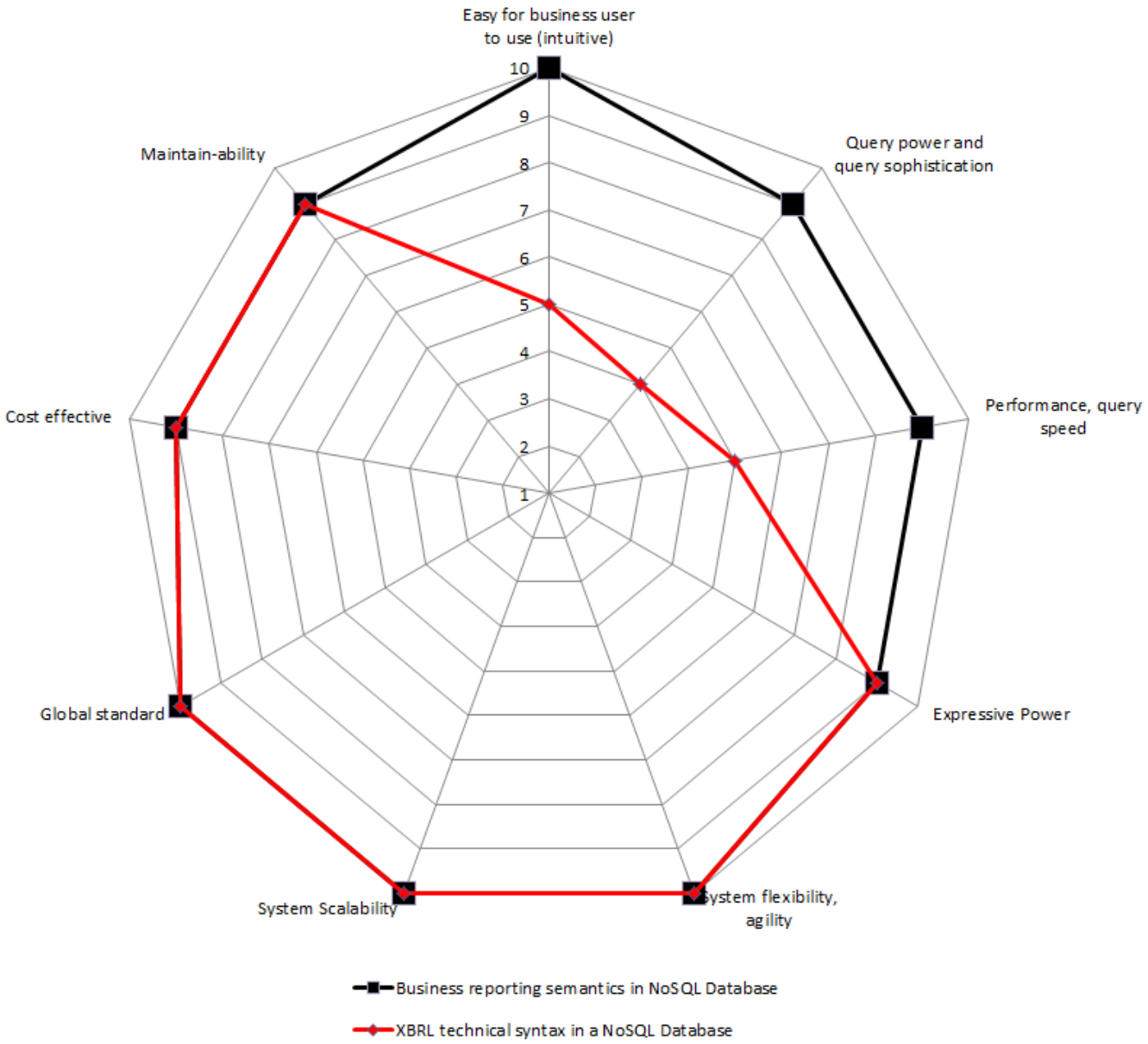
Multidimensional Database



RDF Triple Store



NO SQL Database



Data

Alternative Implementation Strategies	**Easy for business user to use (intuitive)**	**Query power and query sophistication**	**Performance, query speed**	**Expressive Power**	**System flexibility, agility**	**System Scalability**	**Global standard**	**Cost effective**	**Maintain-ability**
XBRL technical syntax in a **file system format**	4	2	2	2	10	2	10	10	5
Business reporting semantics in **file system format**	10	4	2	8	10	2	10	10	5
XBRL technical syntax in relational database	2	3	7	2	4	7	10	8	4
Business reporting semantics in a relational database	8	8	7	6	4	7	9	8	4
XBRL technical syntax in a file **multidimensional database**	2	2	10	2	10	10	10	4	10
Business reporting semantics in **multidimensional database**	10	10	10	10	10	10	9	4	10
XBRL technical syntax in an **RDF triple store**	2	2	4	2	10	8	10	9	9
Business reporting semantics in **RDF triple store**	3	10	4	10	10	8	9	9	9
XBRL technical syntax in a **NoSQL Database**	5	4	5	9	10	10	10	9	9
Business reporting semantics in **NoSQL Database**	10	9	9	9	10	10	10	9	9

10 = Best possible outcome	Easy	Powerful	Fast	Expressive	Flexible	Scalable	Standard	Expensive	Hard to maintain
1 = Worst possible outcome	Hard	Un-sophistocated	Slow	Inexpressive	Inflexible	Not scalable	Proprietary	Inexpensive	Easy to maintain