

Apache

Subtask	.95	.05	.09	.11	.00	.14	.06	.02	.12	.13	.09	.12
Duplicate	.01	.71	.13	.14	.00	.11	.16	.25	.11	.21	.17	.05
Block	.01	.06	.58	.09	.00	.06	.08	.03	.10	.10	.08	.02
Depend	.01	.06	.07	.53	.00	.05	.04	.04	.14	.08	.03	.01
Epic	.00	.01	.01	.01	.99	.00	.00	.00	.01	.00	.00	.01
Incorporate	.01	.03	.04	.05	.00	.55	.05	.02	.06	.06	.04	.03
Breaks	.00	.02	.02	.01	.00	.03	.46	.01	.02	.05	.12	.00
Clone	.00	.02	.01	.01	.00	.00	.00	.60	.00	.03	.00	.01
Require	.00	.01	.01	.02	.00	.01	.01	.01	.41	.02	.02	.00
Supercede	.00	.02	.01	.02	.00	.02	.03	.01	.03	.28	.03	.01
Cause	.00	.02	.01	.01	.00	.02	.11	.01	.02	.03	.43	.01
Parent-Child	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.73

Hyperledger

Epic	.99	.01	.09	.08	.02
Subtask	.00	.97	.13	.20	.02
Block	.00	.01	.68	.27	.07
Duplicate	.00	.01	.09	.43	.05
Clone	.00	.00	.02	.02	.83

IntelDAOS

Block	.83	.05	.48	.05	.20	.00
Subtask	.06	.89	.04	.02	.10	.00
Duplicate	.08	.04	.46	.00	.00	.00
Clone	.02	.00	.00	.88	.00	.00
finish-start	.02	.02	.02	.02	.70	.00
Verify	.00	.00	.00	.02	.00	1.00

JFrog

Subtask	.93	.04	.08	.02	.00
Duplicate	.03	.78	.27	.42	.78
Depend	.02	.05	.57	.35	.00
Trigger	.02	.13	.08	.20	.22
Incorporate	.00	.00	.00	.00	.00

Jira

Duplicate	.93	.23	.04	.27	.09	.44
Clone	.03	.72	.00	.02	.01	.02
Subtask	.00	.00	.92	.01	.01	.01
Incorporate	.01	.02	.02	.66	.03	.02
Detail	.00	.01	.02	.01	.87	.03
Cause	.02	.02	.00	.03	.00	.48

JiraEcosystem

Epic	.99	.01	.00	.04	.02	.00	.00	.07	.12
Subtask	.01	.93	.05	.20	.06	.22	.00	.07	.20
Duplicate	.00	.01	.70	.09	.23	.17	.15	.22	.08
Block	.00	.03	.13	.58	.19	.10	.05	.26	.28
Cause	.00	.01	.08	.06	.43	.27	.05	.07	.04
Incorporate	.00	.00	.00	.00	.06	.20	.00	.00	.04
Clone	.00	.00	.03	.01	.00	.00	.72	.00	.04
Split	.00	.00	.01	.00	.00	.02	.00	.26	.00
Depend	.00	.01	.01	.02	.01	.02	.02	.04	.20

MariaDB

Block	.77	.12	.06	.00	.03	.08
Duplicate	.08	.69	.08	.00	.02	.16
Incorporate	.06	.05	.73	.00	.03	.03
Epic	.01	.00	.00	.99	.01	.02
Subtask	.02	.01	.07	.01	.89	.03
Cause	.07	.13	.06	.01	.01	.67

MongoDB

Depend	.85	.01	.23	.06	.24	.11	.09
Epic	.01	.99	.01	.00	.01	.01	.00
Duplicate	.11	.00	.72	.04	.22	.04	.05
Documented	.01	.00	.01	.90	.00	.00	.00
Cause	.02	.00	.02	.00	.53	.01	.01
Subtask	.00	.00	.00	.00	.00	.83	.02
Split	.00	.00	.00	.00	.00	.00	.83

Qt

Subtask	.94	.06	.00	.01	.04	.02
Depend	.04	.79	.01	.05	.16	.07
Epic	.00	.02	.98	.00	.01	.01
Duplicate	.00	.03	.00	.66	.19	.28
Split	.01	.08	.00	.13	.53	.12
Replace	.00	.02	.00	.14	.07	.51

RedHat

Subtask	.93	.01	.04	.03	.04	.04	.04
Clone	.00	.89	.03	.04	.09	.08	.04
Block	.04	.03	.75	.07	.19	.18	.17
Incorporate	.01	.03	.04	.79	.05	.04	.07
Duplicate	.01	.02	.06	.03	.48	.09	.14
Follow	.00	.02	.04	.02	.10	.53	.06
Cause	.00	.01	.02	.02	.05	.04	.47

Sakai

Subtask	.90	.06	.02	.10	.02
Depend	.08	.81	.23	.22	.11
Duplicate	.01	.08	.66	.15	.16
Incorporate	.00	.03	.03	.49	.02
Clone	.00	.02	.05	.03	.70

SecondLife

Subtask	.97	.60	.62	.40	.00
Clone	.03	.30	.12	.20	.33
Parent-Child	.00	.00	.25	.00	.67
Depend	.00	.10	.00	.40	.00
Incorporate	.00	.00	.00	.00	.00

Sonatype

Subtask	.97	.01	.13	.04	.28	.14	.05
Bonfire Testing	.00	.68	.13	.13	.09	.18	.19
Duplicate	.01	.11	.46	.26	.12	.18	.10
Cause	.01	.07	.15	.43	.03	.14	.24
Depend	.01	.08	.07	.11	.47	.14	.00
Supercede	.00	.01	.03	.02	.00	.18	.10
Fix	.00	.03	.03	.02	.00	.05	.33

Spring

Subtask	.85	.05	.02	.00	.12
Depend	.09	.71	.18	.00	.31
Duplicate	.02	.13	.71	.00	.19
Epic	.00	.01	.00	1.00	.00
Supercede	.04	.10	.09	.00	.38