

Apache

Subtask	.95	.05	.08	.12	.00	.04	.14	.06	.03	.11	.12	.07
Duplicate	.01	.71	.12	.13	.00	.01	.09	.16	.22	.11	.20	.18
Block	.01	.06	.57	.09	.00	.04	.06	.06	.05	.09	.10	.07
Depend	.01	.05	.07	.51	.00	.02	.05	.04	.04	.15	.09	.02
Epic	.00	.01	.01	.01	.99	.00	.00	.00	.00	.01	.01	.00
Non-Link	.00	.01	.03	.03	.00	.84	.02	.05	.01	.04	.02	.04
Incorporate	.01	.03	.05	.05	.00	.01	.56	.06	.02	.06	.09	.06
Breaks	.00	.01	.02	.02	.00	.02	.02	.44	.00	.02	.02	.11
Clone	.00	.02	.01	.01	.00	.00	.01	.00	.61	.01	.02	.00
Require	.00	.01	.01	.02	.00	.00	.01	.01	.00	.36	.02	.01
Supercede	.00	.02	.02	.02	.00	.00	.02	.02	.01	.02	.27	.04
Cause	.00	.01	.01	.00	.00	.01	.02	.10	.00	.02	.03	.39

Hyperledger

Epic	.99	.00	.03	.05	.03	.02
Subtask	.00	.95	.07	.14	.19	.03
Non-Link	.00	.01	.84	.06	.02	.02
Block	.01	.02	.06	.66	.28	.06
Duplicate	.00	.01	.00	.07	.41	.04
Clone	.00	.01	.00	.02	.06	.82

IntelDAOS

Block	.89	.07	.42	.02	.42	.30	.00
Subtask	.02	.87	.04	.02	.10	.00	.00
Duplicate	.05	.04	.48	.07	.00	.00	.12
Clone	.02	.00	.02	.86	.00	.00	.00
Non-Link	.02	.00	.02	.00	.45	.00	.00
finish-start	.01	.02	.00	.00	.02	.70	.00
Verify	.00	.00	.02	.02	.00	.00	.88

JFrog

Subtask	.91	.00	.03	.06	.10	.00
Duplicate	.03	.81	.05	.25	.30	.89
Non-Link	.01	.05	.78	.10	.10	.00
Depend	.03	.05	.07	.45	.18	.00
Trigger	.02	.05	.07	.14	.25	.00
Incorporate	.00	.02	.00	.00	.08	.11

Jira

Duplicate	.91	.04	.19	.02	.24	.08	.36
Non-Link	.01	.91	.00	.02	.02	.01	.05
Clone	.02	.00	.75	.00	.01	.01	.04
Subtask	.00	.00	.00	.93	.01	.02	.01
Incorporate	.02	.02	.02	.02	.67	.04	.02
Detail	.00	.00	.00	.01	.01	.84	.00
Cause	.03	.02	.03	.00	.03	.01	.51

JiraEcosystem

Epic	.99	.01	.00	.01	.03	.01	.00	.00	.04	.12
Subtask	.00	.90	.05	.13	.05	.01	.15	.02	.07	.20
Duplicate	.00	.02	.78	.18	.03	.30	.24	.25	.15	.12
Block	.00	.04	.08	.50	.10	.12	.15	.08	.04	.24
Non-Link	.00	.01	.01	.06	.68	.07	.05	.00	.00	.04
Cause	.00	.00	.03	.05	.11	.36	.07	.05	.07	.08
Incorporate	.00	.01	.01	.04	.01	.09	.29	.00	.04	.00
Clone	.00	.00	.02	.00	.00	.00	.00	.57	.07	.00
Split	.01	.00	.02	.01	.00	.01	.02	.00	.41	.00
Depend	.00	.01	.00	.02	.01	.02	.02	.02	.11	.20

MariaDB

Non-Link	1.00	.00	.00	.00	.00	.00	.00
Block	.00	.75	.11	.08	.00	.03	.08
Duplicate	.00	.09	.73	.06	.00	.03	.17
Incorporate	.00	.06	.05	.75	.00	.02	.05
Epic	.00	.01	.00	.00	.99	.02	.02
Subtask	.00	.02	.01	.04	.01	.90	.03
Cause	.00	.06	.10	.06	.00	.00	.66

Mojang

Duplicate	.99			.03			
Non-Link	.01			.97			

MongoDB

Depend	.82	.01	.22	.10	.06	.25	.06	.10
Epic	.01	.99	.01	.01	.00	.00	.01	.01
Duplicate	.10	.00	.68	.06	.05	.17	.02	.02
Non-Link	.04	.00	.04	.80	.01	.07	.01	.00
Documented	.00	.00	.01	.00	.88	.00	.01	.00
Cause	.02	.00	.03	.02	.00	.50	.01	.03
Subtask	.00	.00	.01	.00	.00	.00	.89	.00
Split	.00	.00	.00	.00	.00	.00	.00	.85

Qt

Subtask	.96	.06	.01	.01	.02	.03	.02
Depend	.02	.77	.01	.05	.04	.12	.09
Epic	.00	.01	.97	.00	.01	.01	.01
Duplicate	.00	.03	.00	.60	.01	.17	.18
Non-Link	.00	.03	.00	.03	.86	.06	.03
Split	.01	.06	.00	.13	.06	.52	.09
Replace	.00	.03	.00	.17	.01	.09	.58

RedHat

Subtask	.94	.01	.06	.03	.06	.04	.04	.04
Clone	.00	.89	.03	.04	.09	.00	.08	.04
Block	.03	.03	.76	.08	.22	.14	.19	.22
Incorporate	.01	.02	.03	.78	.03	.03	.03	.05
Duplicate	.01	.02	.05	.03	.44	.00	.06	.09
Non-Link	.00	.00	.02	.01	.01	.76	.02	.04
Follow	.01	.02	.03	.02	.09	.02	.54	.09
Cause	.00	.01	.02	.02	.05	.01	.03	.42

Sakai

Subtask	.88	.05	.01	.02	.06	.03
Depend	.08	.72	.07	.17	.24	.09
Non-Link	.01	.10	.90	.02	.03	.00
Duplicate	.01	.06	.01	.63	.11	.11
Incorporate	.02	.06	.00	.10	.53	.03
Clone	.00	.01	.00	.05	.03	.74

SecondLife

Subtask	.95	.19	.44	.62	.33	.00
Non-Link	.03	.81	.00	.25	.50	.67
Clone	.02	.00	.56	.12	.17	.33
Parent-Child	.00	.00	.00	.00	.00	.00
Depend	.00	.00	.00	.00	.00	.00
Incorporate	.00	.00	.00	.00	.00	.00

Sonatype

Subtask	.92	.02	.01	.07	.04	.28	.09	.05
Non-Link	.01	.89	.14	.00	.04	.03	.00	.00
Bonfire Testing	.00	.00	.60	.10	.11	.06	.09	.19
Duplicate	.02	.01	.11	.63	.19	.19	.14	.14
Cause	.01	.02	.06	.06	.34	.06	.09	.19
Depend	.02	.05	.06	.06	.15	.38	.09	.10
Supercede	.01	.00	.01	.06	.06	.00	.45	.10
Fix	.01	.00	.01	.01	.06	.00	.05	.24

Spring

Subtask	.86	.06	.05	.00	.03	.12
Depend	.06	.65	.14	.00	.08	.27
Duplicate	.04	.12	.65	.00	.02	.20
Epic	.00	.01	.00	1.00	.00	.00
Non-Link	.02	.08	.04	.00	.86	.05
Supercede	.01	.09	.11	.00	.01	.35