Tool Name	Execution Time (s)	Total Energy (J)	CPU Energy (J)	Memory Energy (J)	Energy/Time (J/s)
CMake	3 (24.0)	10 (47.0)	11 (45.0)	3 (22.0)	5 (19.0)
qmake	3 (24.0)	2 (36.0)	2 (35.0)	5 (23.0)	2 (17.0)
Qbs	5 (25.0)	3 (38.0)	3 (38.0)	5 (23.0)	3 (18.0)
NetBeans IDE	3 (24.0)	10 (47.0)	11 (45.0)	3 (22.0)	5 (19.0)
Code::Blocks	3 (24.0)	7 (44.0)	8 (43.0)	5 (23.0)	5 (19.0)
CLion	3 (24.0)	10 (47.0)	11 (45.0)	3 (22.0)	5 (19.0)
CodeLite	3 (24.0)	5 (42.0)	6 (41.0)	3 (22.0)	3 (18.0)
Eclipse CDT	5 (25.0)	5 (42.0)	7 (42.0)	3 (22.0)	3 (18.0)
KDevelop	3 (24.0)	10 (47.0)	11 (45.0)	3 (22.0)	5 (19.0)
Geany	5 (25.0)	8 (45.0)	12 (46.0)	3 (22.0)	5 (19.0)
Anjuta DevStudio	3 (24.0)	7 (44.0)	8 (43.0)	5 (23.0)	5 (19.0)
Qt Creator	3 (24.0)	2 (36.0)	2 (35.0)	5 (23.0)	2 (17.0)
DialogBlocks	3 (24.0)	7 (44.0)	9 (44.0)	3 (22.0)	2 (17.0)
ZinjaI	2 (23.0)	6 (43.0)	5 (40.0)	2 (21.0)	3 (18.0)
GPS	3 (24.0)	7 (44.0)	8 (43.0)	5 (23.0)	5 (19.0)
Oracle Developer Studio	3 (24.0)	10 (47.0)	11 (45.0)	3 (22.0)	5 (19.0)
Sphere Engine	1 (15.0)	1 (14.0)	1 (14.0)	1 (12.0)	1 (16.0)
AWS Cloud9	2 (23.0)	9 (45.5)	10 (44.5)	3 (22.0)	4 (18.5)

Table 1: Tools Default Profiles ranked with 0 decimal points

Tool Name	Execution Time (s)	Total Energy (J)	CPU Energy (J)	Memory Energy (J)	Energy/Time (J/s)
CMake	6 (35.0)	10 (75.0)	10 (72.0)	8 (35.0)	8 (36.0)
qmake	6 (35.0)	2 (54.0)	2 (52.0)	7 (34.0)	2 (29.0)
Qbs	8 (37.0)	3 (60.0)	3 (56.0)	10 (37.0)	3 (30.0)
NetBeans IDE	6 (35.0)	10 (75.0)	10 (72.0)	8 (35.0)	8 (36.0)
Code::Blocks	5 (34.0)	7 (69.0)	8 (68.0)	5 (32.0)	6 (34.0)
CLion	6 (35.0)	10 (75.0)	10 (72.0)	8 (35.0)	8 (36.0)
CodeLite	4 (32.0)	3 (60.0)	4 (57.0)	6 (33.0)	4 (31.0)
Eclipse CDT	3 (31.0)	6 (67.0)	7 (64.0)	6 (33.0)	7 (35.0)
KDevelop	6 (35.0)	10 (75.0)	10 (72.0)	8 (35.0)	8 (36.0)
Geany	4 (32.0)	4 (61.0)	6 (61.0)	4 (31.0)	7 (35.0)
Anjuta DevStudio	5 (34.0)	7 (69.0)	8 (68.0)	5 (32.0)	6 (34.0)
Qt Creator	6 (35.0)	2 (54.0)	2 (52.0)	7 (34.0)	2 (29.0)
DialogBlocks	4 (32.0)	9 (72.0)	9 (69.0)	7 (34.0)	6 (34.0)
ZinjaI	2 (29.0)	3 (60.0)	4 (57.0)	3 (29.0)	10 (39.0)
GPS	5 (34.0)	7 (69.0)	8 (68.0)	5 (32.0)	6 (34.0)
Oracle Developer Studio	6 (35.0)	10 (75.0)	10 (72.0)	8 (35.0)	8 (36.0)
Sphere Engine	1 (17.0)	1 (21.0)	1 (19.0)	1 (19.0)	1 (25.0)
AWS Cloud9	3 (31.0)	8 (70.0)	9 (69.0)	2 (28.5)	9 (36.5)

Table 2: Tools Default Profiles ranked with 1 decimal points

Tool Name	Execution Time (s)	Total Energy (J)	CPU Energy (J)	Memory Energy (J)	Energy/Time (J/s)
CMake	9 (59.0)	10 (88.0)	11 (83.0)	8 (54.0)	10 (70.0)
qmake	7 (52.0)	2 (65.0)	3 (64.0)	7 (51.0)	2 (51.0)
Qbs	10 (60.0)	3 (69.0)	3 (64.0)	10 (58.0)	3 (53.0)
NetBeans IDE	9 (59.0)	10 (88.0)	11 (83.0)	8 (54.0)	10 (70.0)
Code::Blocks	7 (52.0)	7 (78.0)	10 (81.0)	5 (48.0)	9 (69.0)
CLion	9 (59.0)	10 (88.0)	11 (83.0)	8 (54.0)	10 (70.0)
CodeLite	4 (49.0)	2 (65.0)	4 (66.0)	2 (45.0)	4 (56.0)
Eclipse CDT	5 (50.0)	6 (75.0)	7 (75.0)	3 (46.0)	8 (63.0)
KDevelop	9 (59.0)	10 (88.0)	11 (83.0)	8 (54.0)	10 (70.0)
Geany	7 (52.0)	4 (71.0)	5 (70.0)	4 (47.0)	7 (62.0)
Anjuta DevStudio	7 (52.0)	7 (78.0)	10 (81.0)	5 (48.0)	9 (69.0)
Qt Creator	7 (52.0)	2 (65.0)	3 (64.0)	7 (51.0)	2 (51.0)
DialogBlocks	6 (51.0)	9 (79.0)	9 (80.0)	6 (50.0)	11 (71.0)
ZinjaI	2 (46.0)	2 (65.0)	2 (63.0)	3 (46.0)	6 (61.0)
GPS	7 (52.0)	7 (78.0)	10 (81.0)	5 (48.0)	9 (69.0)
Oracle Developer Studio	9 (59.0)	10 (88.0)	11 (83.0)	8 (54.0)	10 (70.0)
Sphere Engine	1 (23.0)	1 (21.0)	1 (21.0)	1 (23.0)	1 (48.0)
AWS Cloud9	3 (48.5)	8 (78.5)	8 (79.5)	2 (45.0)	11 (71.0)

Table 3: Tools Default Profiles ranked with 2 decimal points

Tool Name	Execution Time (s)	Total Energy (J)	CPU Energy (J)	Memory Energy (J)	Energy/Time (J/s)
CMake	10 (74.0)	10 (91.0)	10 (88.0)	7 (69.0)	8 (80.0)
qmake	5 (67.0)	4 (69.0)	3 (70.0)	4 (66.0)	1 (55.0)
Qbs	7 (70.0)	5 (74.0)	3 (70.0)	8 (70.0)	2 (57.0)
NetBeans IDE	10 (74.0)	10 (91.0)	10 (88.0)	7 (69.0)	8 (80.0)
Code::Blocks	6 (69.0)	9 (82.0)	9 (87.0)	4 (66.0)	7 (78.0)
CLion	10 (74.0)	10 (91.0)	10 (88.0)	7 (69.0)	8 (80.0)
CodeLite	2 (62.0)	2 (65.0)	2 (67.0)	2 (63.0)	3 (64.0)
Eclipse CDT	7 (70.0)	7 (78.0)	6 (79.0)	5 (67.0)	6 (73.0)
KDevelop	10 (74.0)	10 (91.0)	10 (88.0)	7 (69.0)	8 (80.0)
Geany	9 (72.0)	6 (75.0)	4 (75.0)	3 (64.0)	5 (71.0)
Anjuta DevStudio	6 (69.0)	9 (82.0)	9 (87.0)	4 (66.0)	7 (78.0)
Qt Creator	5 (67.0)	4 (69.0)	3 (70.0)	4 (66.0)	1 (55.0)
DialogBlocks	4 (66.0)	8 (81.0)	7 (82.0)	4 (66.0)	8 (80.0)
ZinjaI	2 (62.0)	3 (68.0)	2 (67.0)	5 (67.0)	4 (70.0)
GPS	6 (69.0)	9 (82.0)	9 (87.0)	4 (66.0)	7 (78.0)
Oracle Developer Studio	10 (74.0)	10 (91.0)	10 (88.0)	7 (69.0)	8 (80.0)
Sphere Engine	1 (24.0)	1 (21.0)	1 (21.0)	1 (24.0)	1 (55.0)
AWS Cloud9	3 (63.5)	8 (81.0)	8 (83.5)	2 (63.0)	9 (83.0)

Table 4: Tools Default Profiles ranked with 3 decimal points