Statistical Report of BOOTABLE

Mon Oct 1 09:13:17 2018

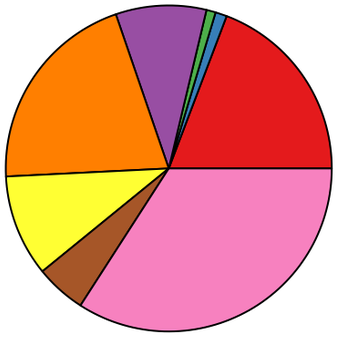
	System Information
Hostname	u−023−d114.wae76.uni−tuebingen.de
Architecture	x86_64
Vendor ID	GenuineIntel
CPU Family	6
CPU Model	94
CPU Model Name	Intel(R) Core(TM) i5−6500T CPU
L3 Cache	6144KB
Processor Speed	2.50GHz
CPU cores	4
RAM	16GB
Compiler	gcc−Version 4.8.5

	Replica_1	Replica_2	Replica_3
Bowtie2_build	1189.31 / 19521.51 / 71.59	1196.21 / 19535.81 / 72.12	1191.18 / 19572.72 / 73.75
Bowtie2_align	70.53 / 1728.99 / 10.32	70.39 / 1728.08 / 8.38	70.9 / 1727.1 / 9.33
Velveth	56.21 / 699.57 / 17.02	57.19 / 700.54 / 17.87	57.44 / 702.94 / 18.13
Velvetg	559.33 / 1230.29 / 10.24	560.58 / 1281.46 / 11.6	551.97 / 1215.59 / 10.83
IDBA	1336.86 / 26799.23 / 87.12	1227.63 / 24496.87 / 83.18	1254.31 / 24852.35 / 87.38
Tensorflow	628.07 / 7475.48 / 1040.2	625.63 / 7438.59 / 1026.5	624.13 / 7431.95 / 1039.93
GROMACS	310.42 / 6482.75 / 1504.97	310.15 / 6477.21 / 1503.85	311.7 / 6484.29 / 1534.83
SPAdes	2122.93 / 27945.5 / 551.54	2128.11 / 27682.72 / 546.99	2095.69 / 27666.4 / 555.33

	average real	average user	average sys
Bowtie2_build	1192.23	19543.35	72.49
Bowtie2_align	70.61	1728.06	9.34
Velveth	56.95	701.02	17.67
Velvetg	557.29	1242.45	10.89
IDBA	1272.93	25382.82	85.89
Tensorflow	625.94	7448.67	1035.54
GROMACS	310.76	6481.42	1514.55
SPAdes	2115.58	27764.87	551.29

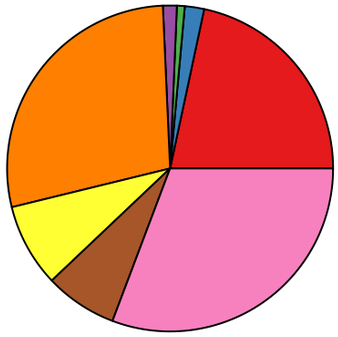
	average real	average user	average sys
Replica_1	784.21	11485.41	411.62
Replica_2	771.99	11167.66	408.81
Replica_3	769.66	11206.67	416.19

Averaged real runtimes of all tools



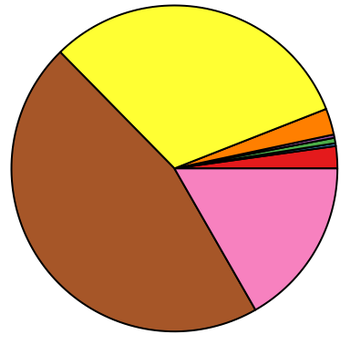
- Bowtie2_build 19.22%
- Bowtie2_align 1.14%
- Velveth 0.92%
- Velvetg 8.99%
- IDBA 20.52%
- Tensorflow 10.09%
- GROMACS 5.01%
- SPAdes 34.11%

Averaged user runtimes of all tools



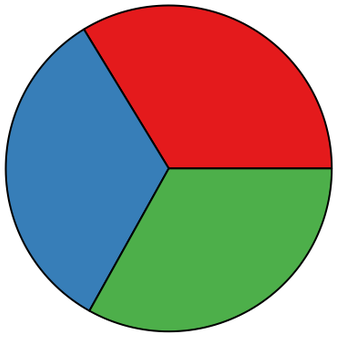
- Bowtie2_build 21.64%
- Bowtie2_align 1.91%
- Velveth 0.78%
- Velvetg 1.38%
- IDBA 28.11%
- Tensorflow 8.25%
- GROMACS 7.18%
- SPAdes 30.75%

Averaged system call times of all tools



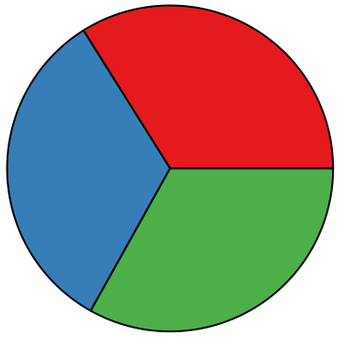
- Bowtie2_build 2.20%
- Bowtie2_align 0.28%
- Velveth 0.54%
- Velvetg 0.33%
- IDBA 2.60%
- Tensorflow 31.40%
- GROMACS 45.93%
- SPAdes 16.72%

Averaged real runtimes of all replica



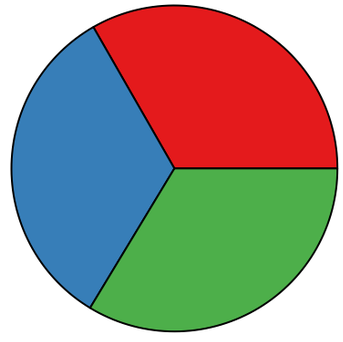
- Replica_1 33.72%
- Replica_2 33.19%
- Replica_3 33.09%

Averaged user runtimes of all replica



- Replica_1 33.92%
- Replica_2 32.98%
- Replica_3 33.10%

Averaged system call times of all replica



- Replica_1 33.29%
- Replica_2 33.06%
- Replica_3 33.66%