TEN Values:

Function main:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
1.21	26 845			1	load_seq() (stddev)
0.18	3 916			1	printf (libc-2.27.so: printf.c)
0.12	2 692			1	nqrt(double, double) (stddev)
0.10	2 302			1	squared_sum(std::vector<>*, long double*) (stddev)
0.07	1 541			1	sum(std::vector<>*) (stddev)
0.01	232			1	std::vector<>::~vector() (stddev)
0.00	71			1	power(double, double) (stddev)
0.00	21			2	div(double, double) (stddev)
0.00	13			3	std::vector<>::size() const (stddev)
0.00	8			3	mul(double, double) (stddev)
0.00	8			2	sub(double, double) (stddev)

Function squared_sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
0.03	71			10	power(double, double) (stddev)
0.02	36			10	__gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.02	32			11	bool __gnu_cxx::operator< (stddev)
0.01	30			11	std::vector<>::end() (stddev)
0.00	8			10	add(double, double) (stddev)
0.00	7			10	__gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	std::vector<>::begin() (stddev)

Function sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
0.02	36			10	__gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.02	32			11	bool __gnu_cxx::operator< (stddev)
0.01	30			11	std::vector<>::end() (stddev)
0.00	8			10	add(double, double) (stddev)
0.00	7			10	__gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	std::vector<>::begin() (stddev)

HUNDRED Values:

Function main:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
8.95	218 301			1	load_seq() (stddev)
0.90	21 922			1	squared_sum(std::vector<>*, long double*) (stddev)
0.59	14 321			1	sum(std::vector<>*) (stddev)
0.16	3 919			1	printf (libc-2.27.so: printf.c)
0.11	2 692			1	nqrt(double, double) (stddev)
0.01	232			1	std::vector<>::~vector() (stddev)
0.00	71			1	power(double, double) (stddev)
0.00	21			2	div(double, double) (stddev)
0.00	13			3	std::vector<>::size() const (stddev)
0.00	8			3	mul(double, double) (stddev)
0.00	8			2	sub(double, double) (stddev)

Function squared_sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
0.29	71			100	power(double, double) (stddev)
0.15	36			100	__gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.13	32			101	bool __gnu_cxx::operator< (stddev)
0.12	30			101	std::vector<>::end() (stddev)
0.03	8			100	add(double, double) (stddev)
0.03	7			100	__gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	std::vector<>::begin() (stddev)

Function sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
0.15	36			100	__gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.13	32			101	bool __gnu_cxx::operator< (stddev)
0.12	30			101	std::vector<>::end() (stddev)
0.03	8			100	add(double, double) (stddev)
0.03	7			100	__gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	std::vector<>::begin() (stddev)

THOUSAND Values:

Function main:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
■ 52.67	2 833 279			1	■ load_seq() (stddev)
4.05	218 122			1	■ squared_sum(std::vector<>*, long double*) (stddev)
2.64	142 121			1	■ sum(std::vector<>*) (stddev)
0.07	3 758			1	■ printf (libc-2.27.so: printf.c)
0.05	2 692			1	■ nqrt(double, double) (stddev)
0.01	284			1	■ std::vector<>::~vector() (stddev)
0.00	71			1	■ power(double, double) (stddev)
0.00	21			2	■ div(double, double) (stddev)
0.00	13			3	■ std::vector<>::size() const (stddev)
0.00	8			3	■ mul(double, double) (stddev)
0.00	8			2	■ sub(double, double) (stddev)

Function squared_sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
1.32	71			1 000	■ power(double, double) (stddev)
0.67	36			1 000	■ __gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.60	32			1 001	■ bool __gnu_cxx::operator< (stddev)
0.56	30			1 001	■ std::vector<>::end() (stddev)
0.15	8			1 000	■ add(double, double) (stddev)
0.13	7			1 000	■ __gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	■ std::vector<>::begin() (stddev)

Function sum:

Ir	Ir per call	Cost 2	Cost 2 p	Count	Callee
0.67	36			1 000	■ __gnu_cxx::__normal_iterator<>::operator++(int) (stddev)
0.60	32			1 001	■ bool __gnu_cxx::operator< (stddev)
0.56	30			1 001	■ std::vector<>::end() (stddev)
0.15	8			1 000	■ add(double, double) (stddev)
0.13	7			1 000	■ __gnu_cxx::__normal_iterator<>::operator*() const (stddev)
0.00	29			1	■ std::vector<>::begin() (stddev)