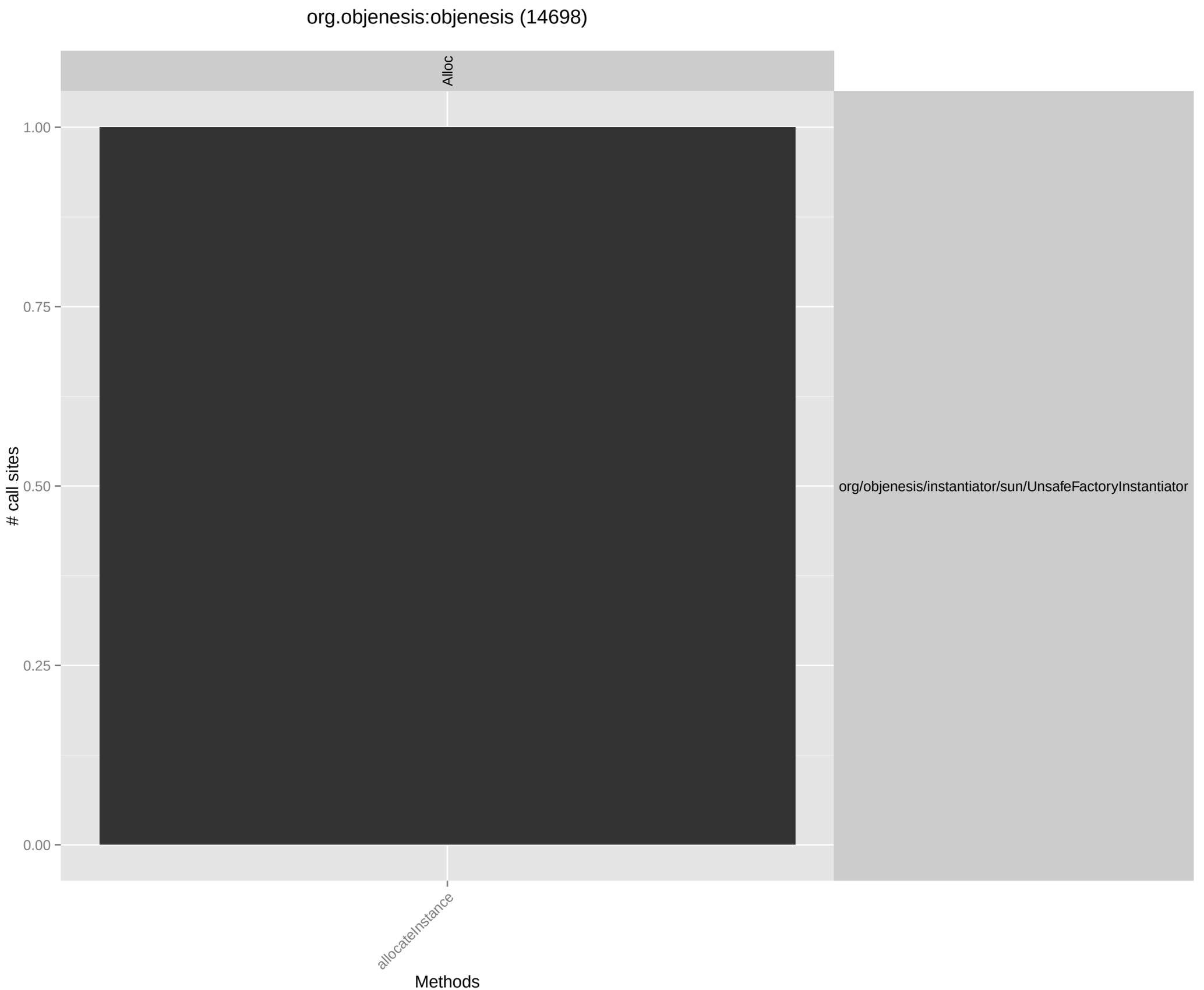
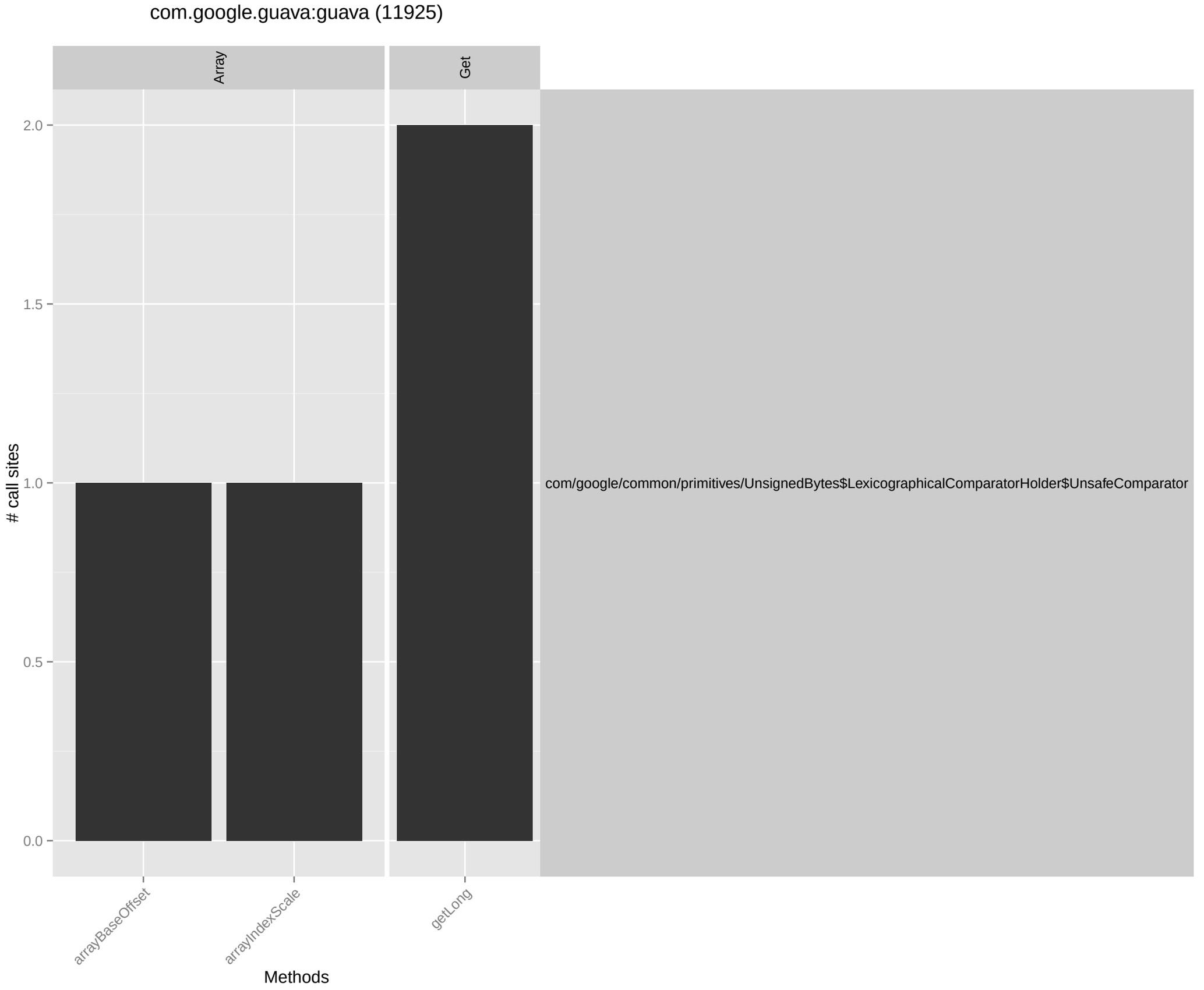
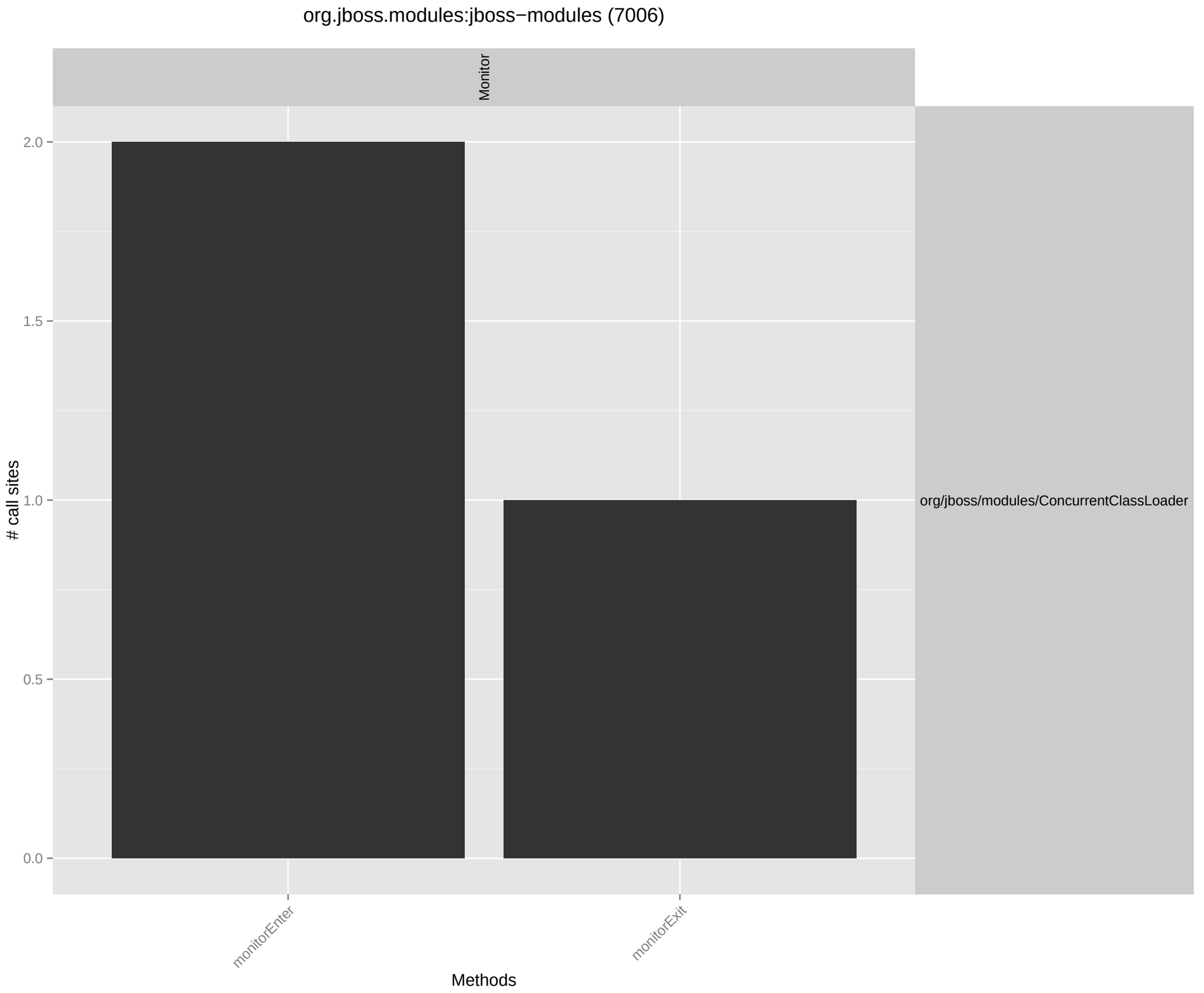
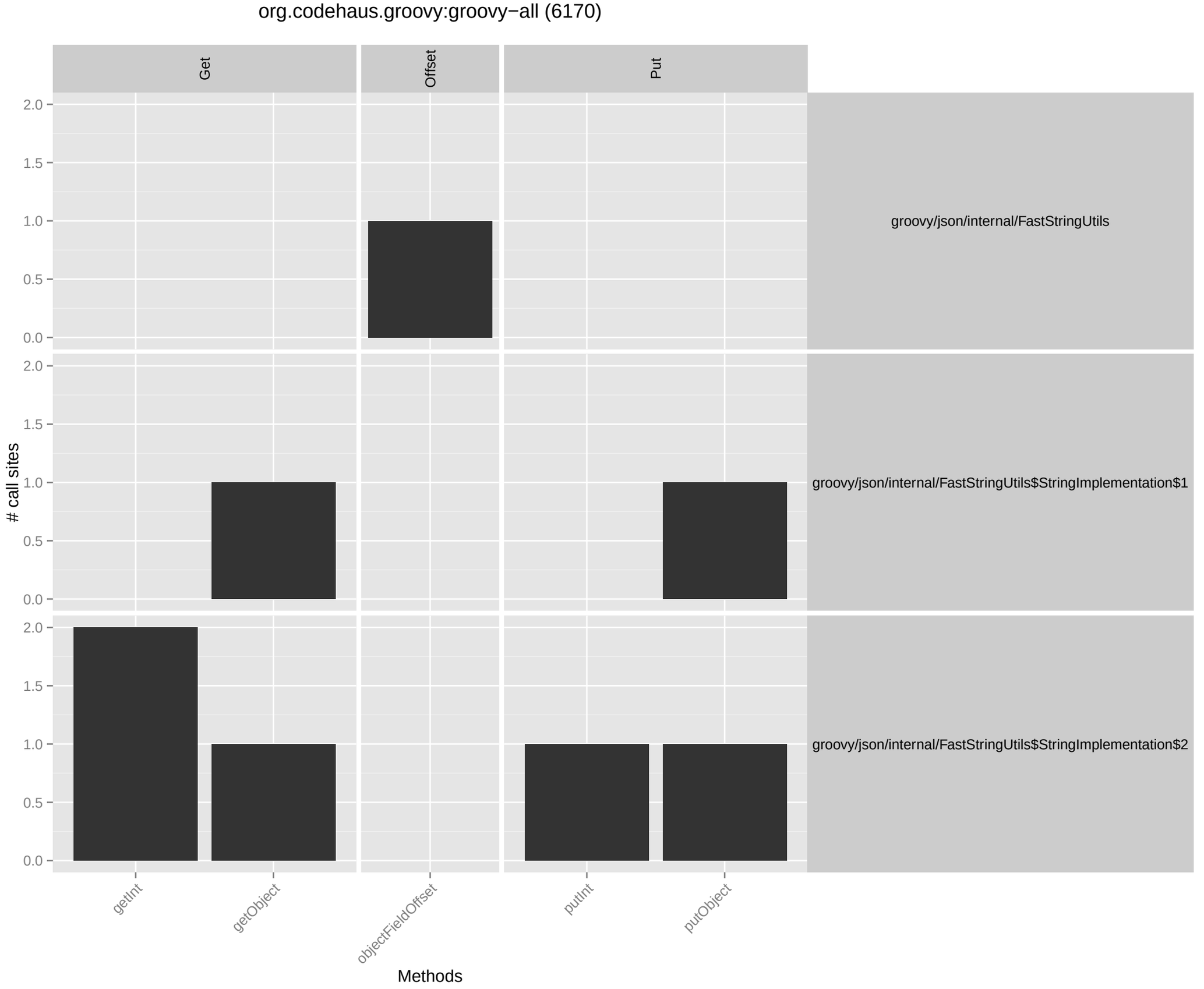
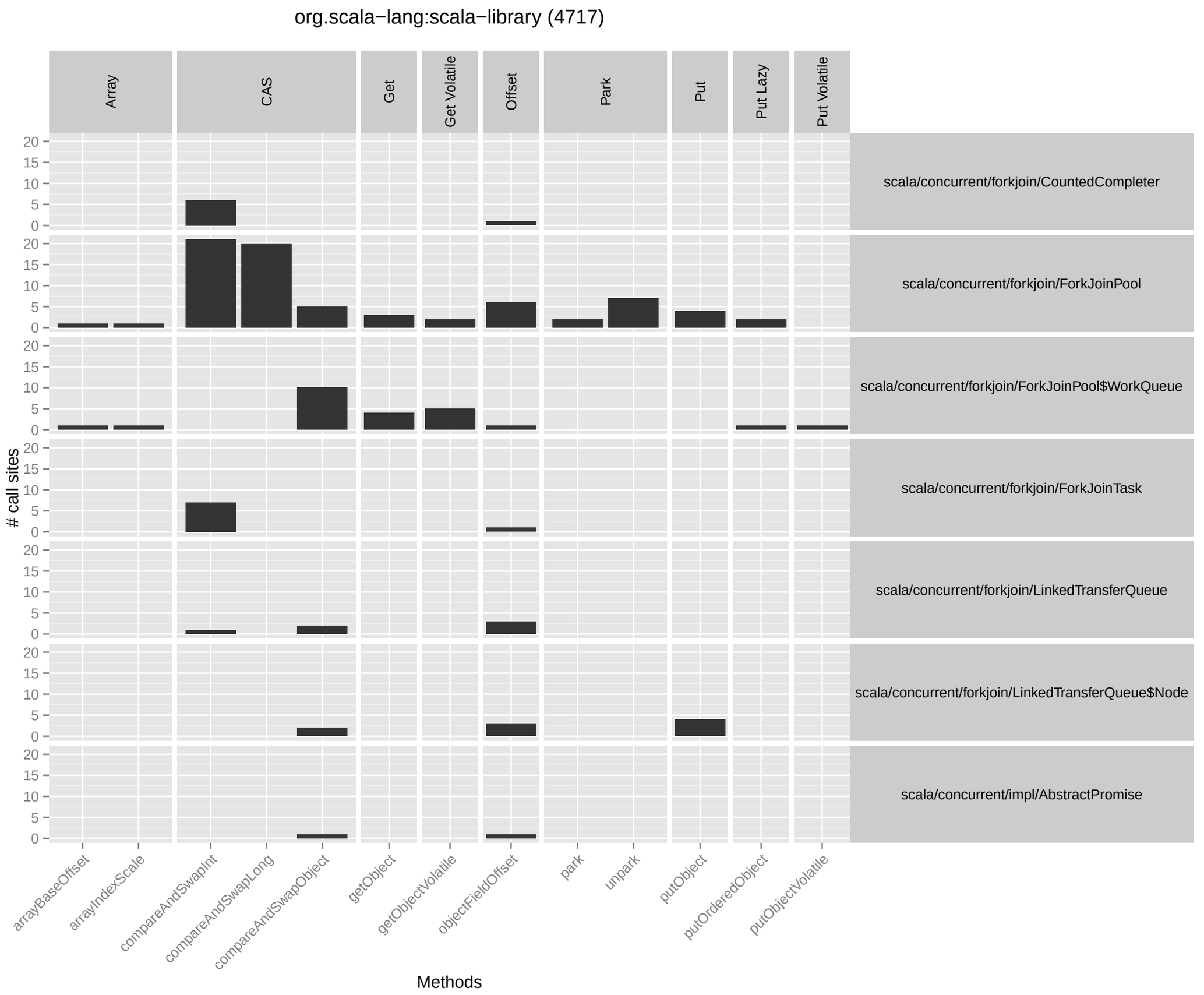
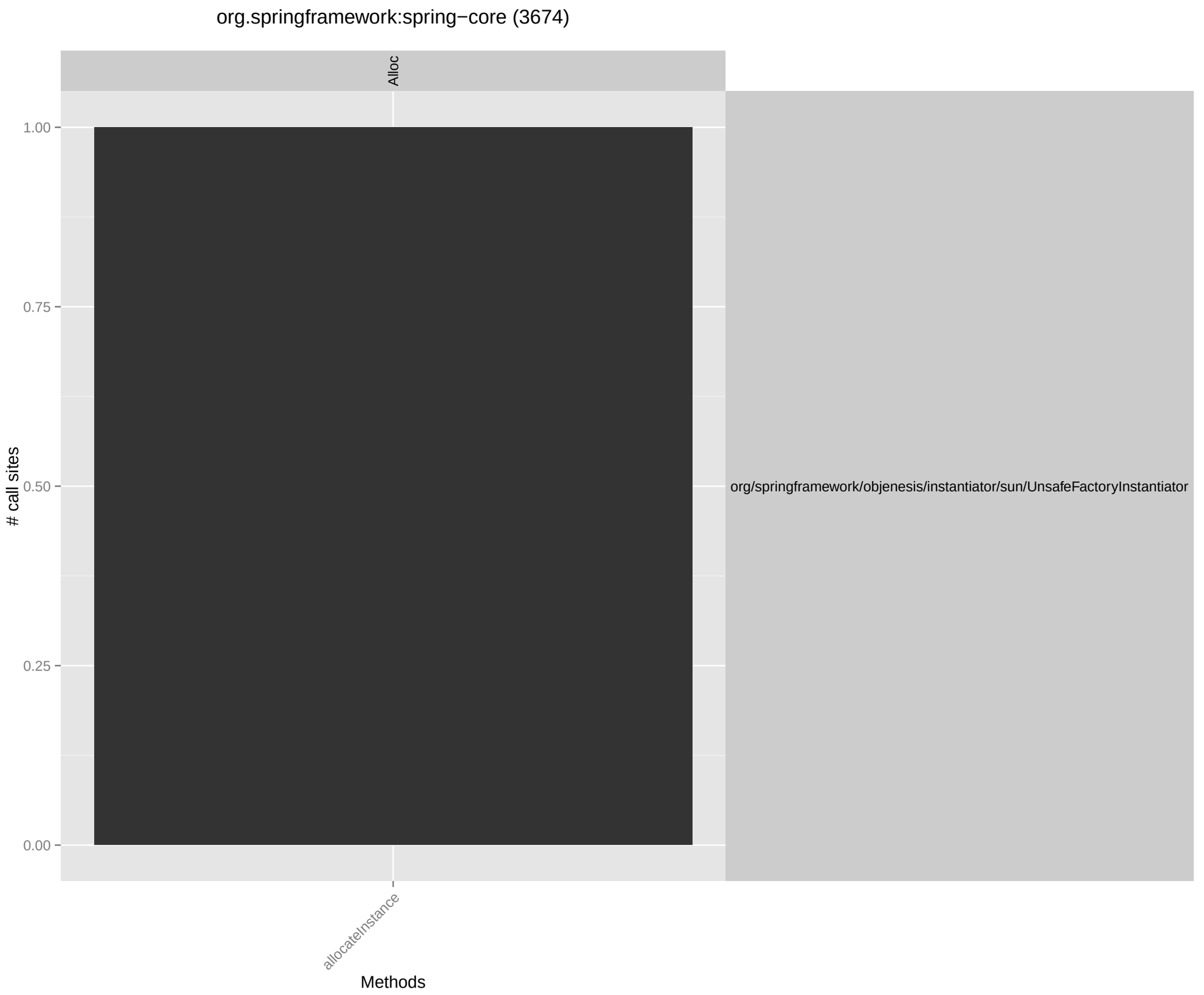

org.objenesis:objenesis (14698)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

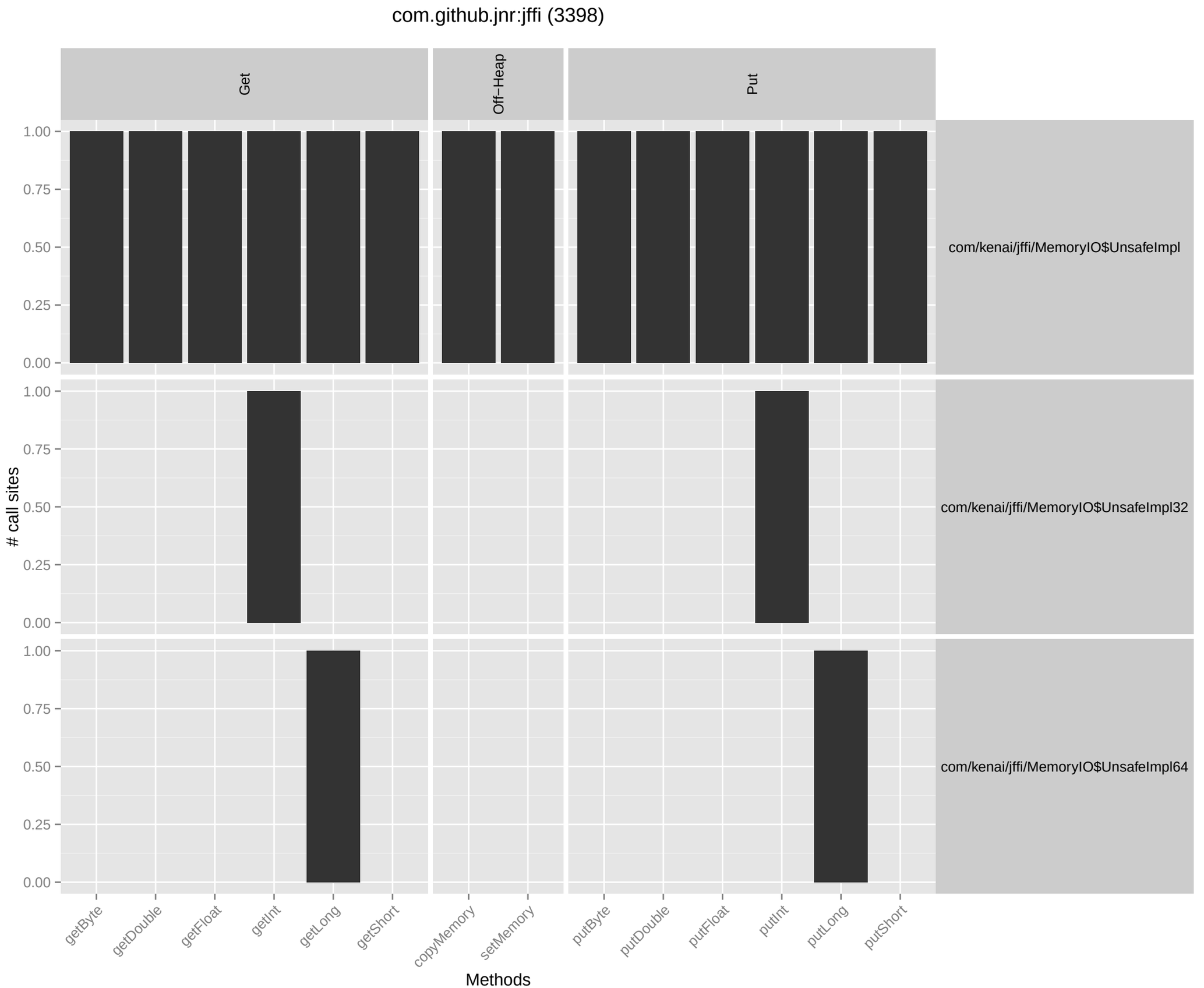

com.google.guava:guava (11925)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

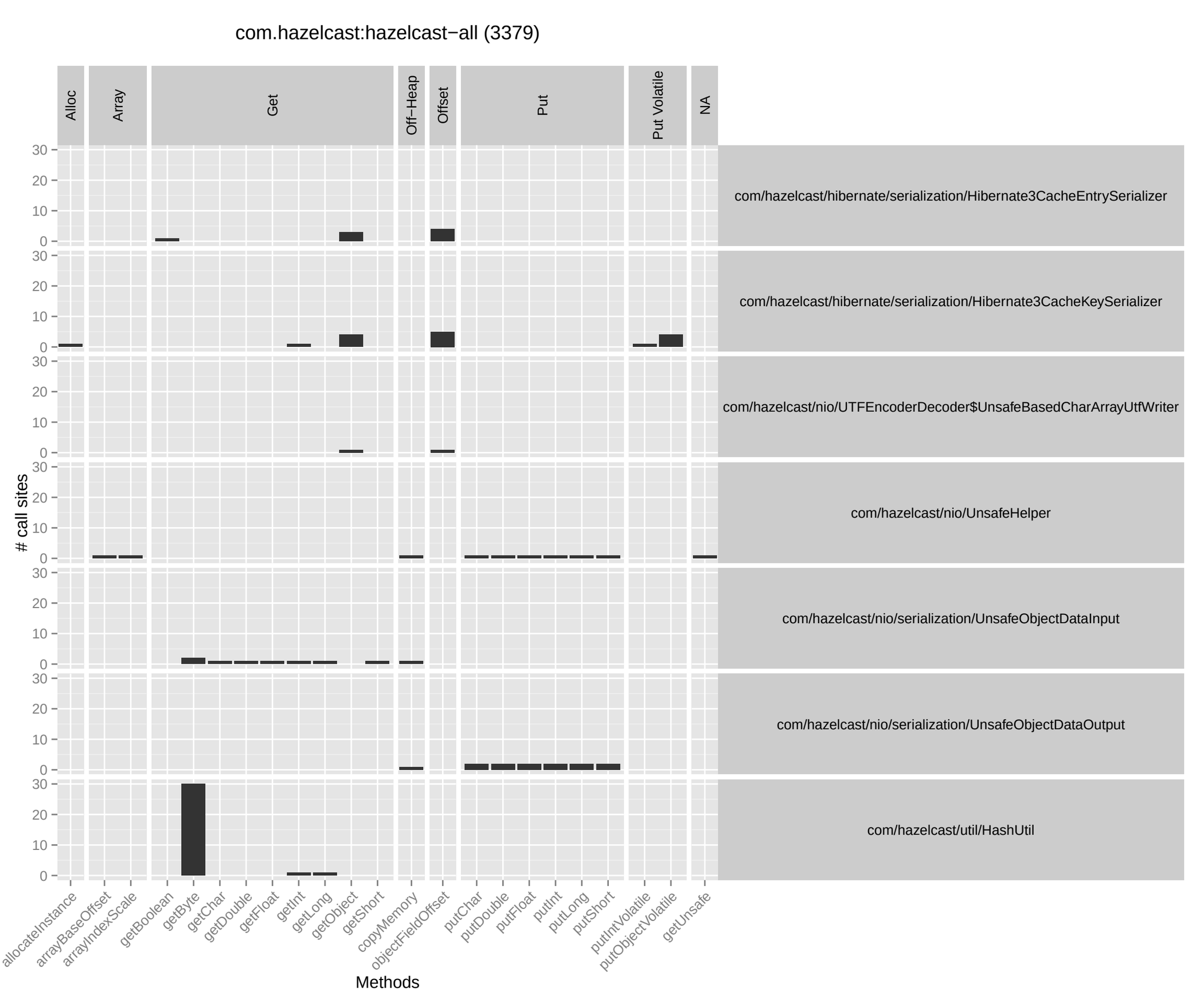

org.jboss.modules:jboss−modules (7006)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

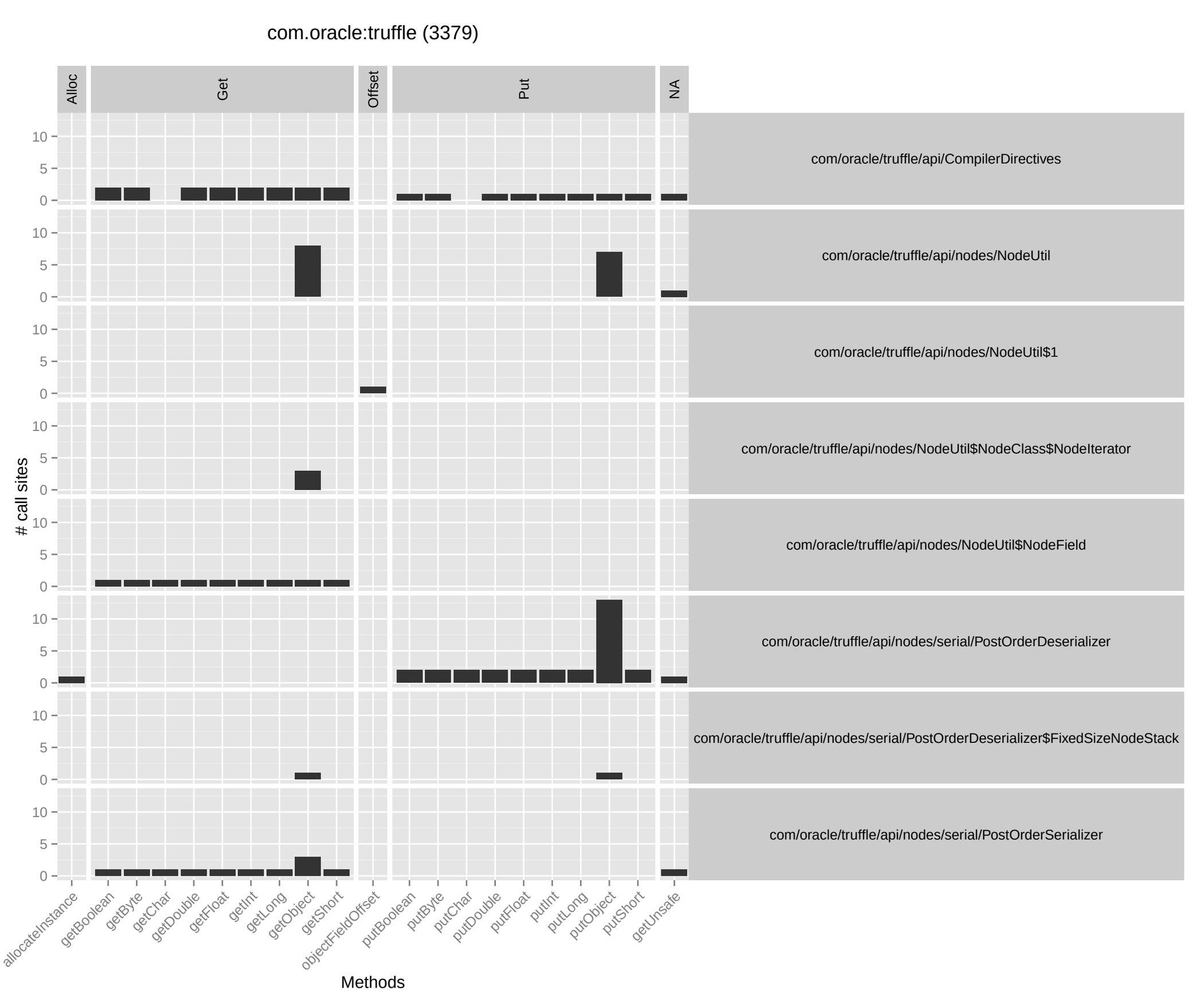

org.codehaus.groovy:groovy−all (6170)
Get
Offset
Put
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

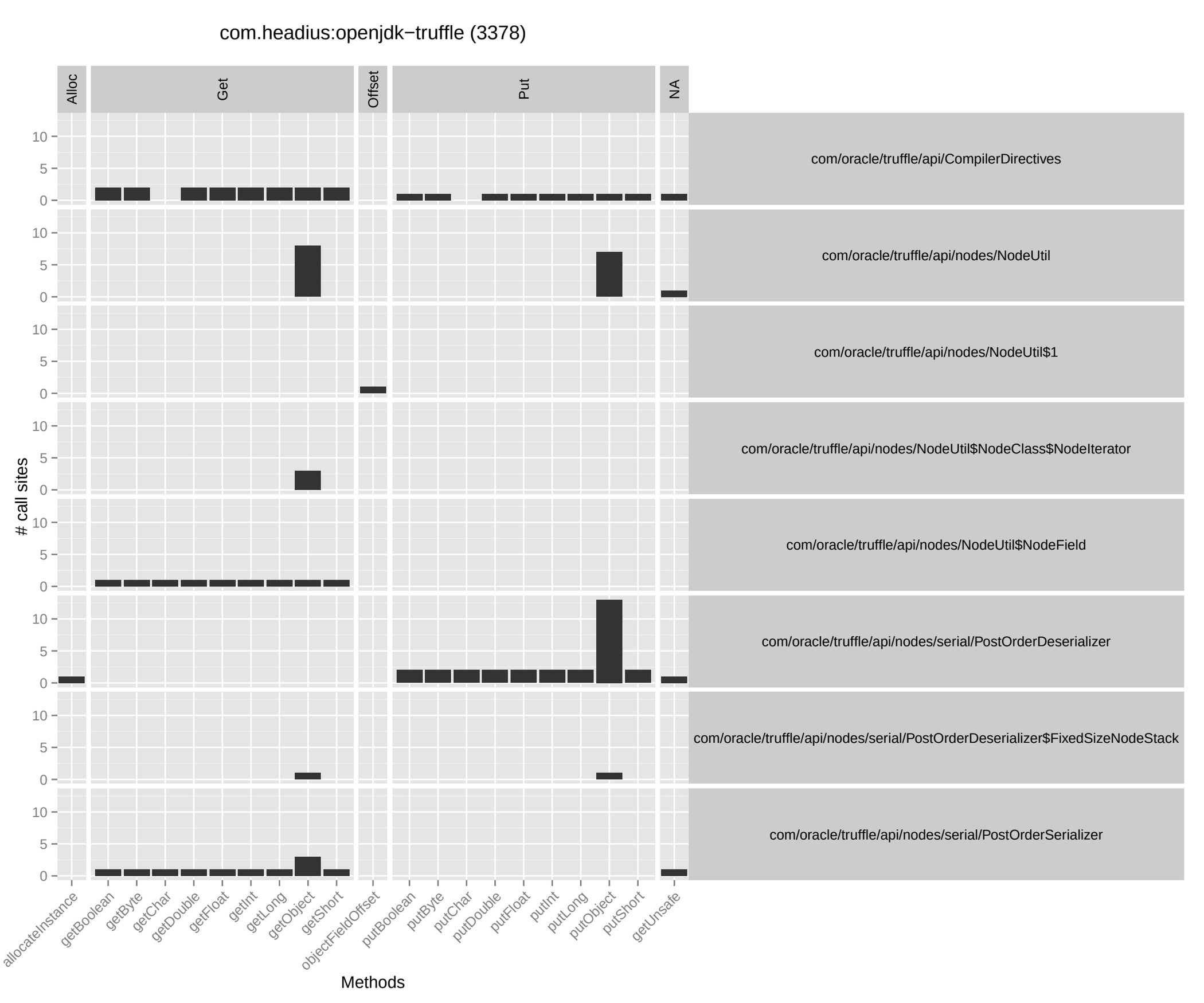

org.scala−lang:scala−library (4717)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

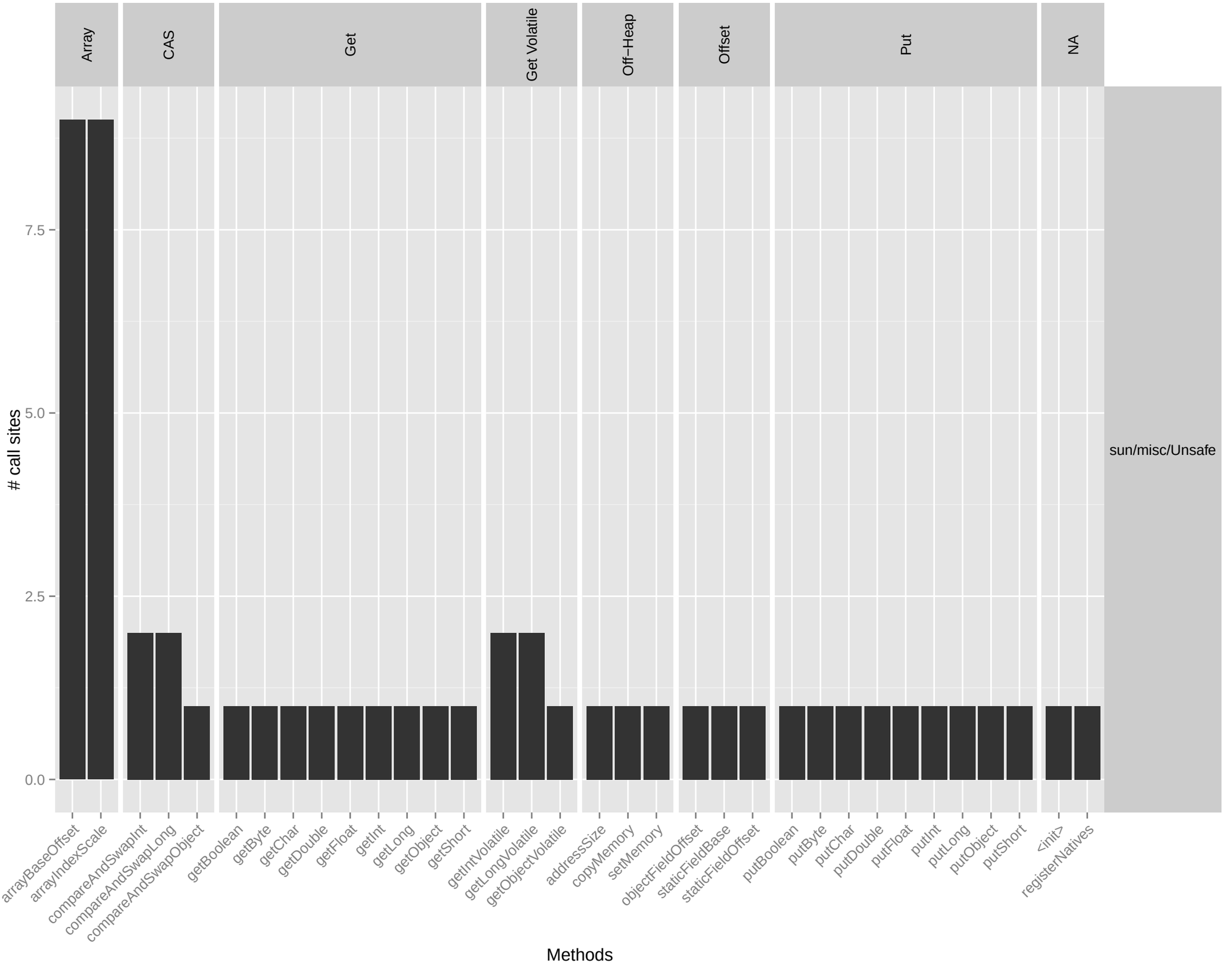

org.springframework:spring−core (3674)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

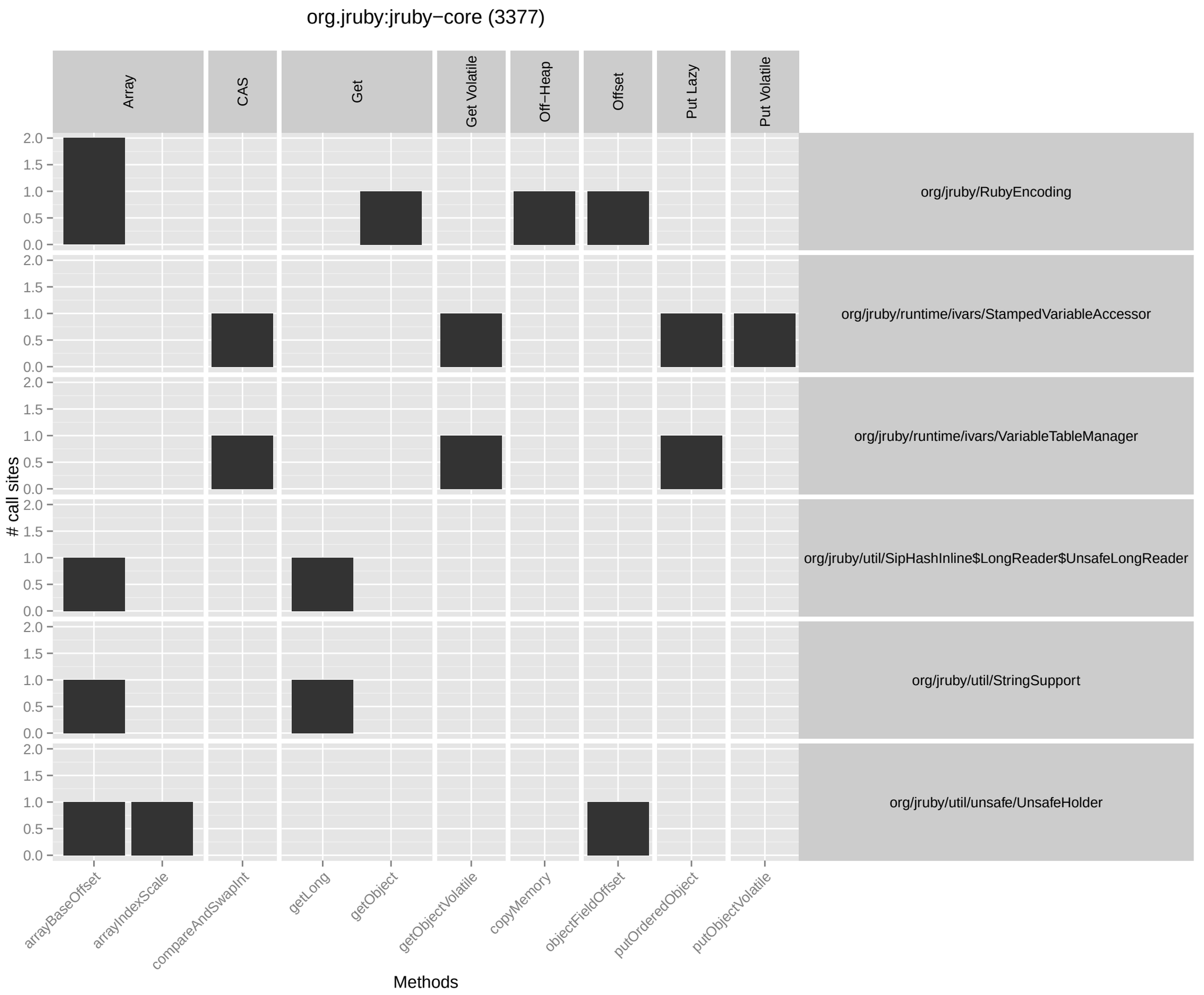

com.github.jnr:jffi (3398)
Get
Off−Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

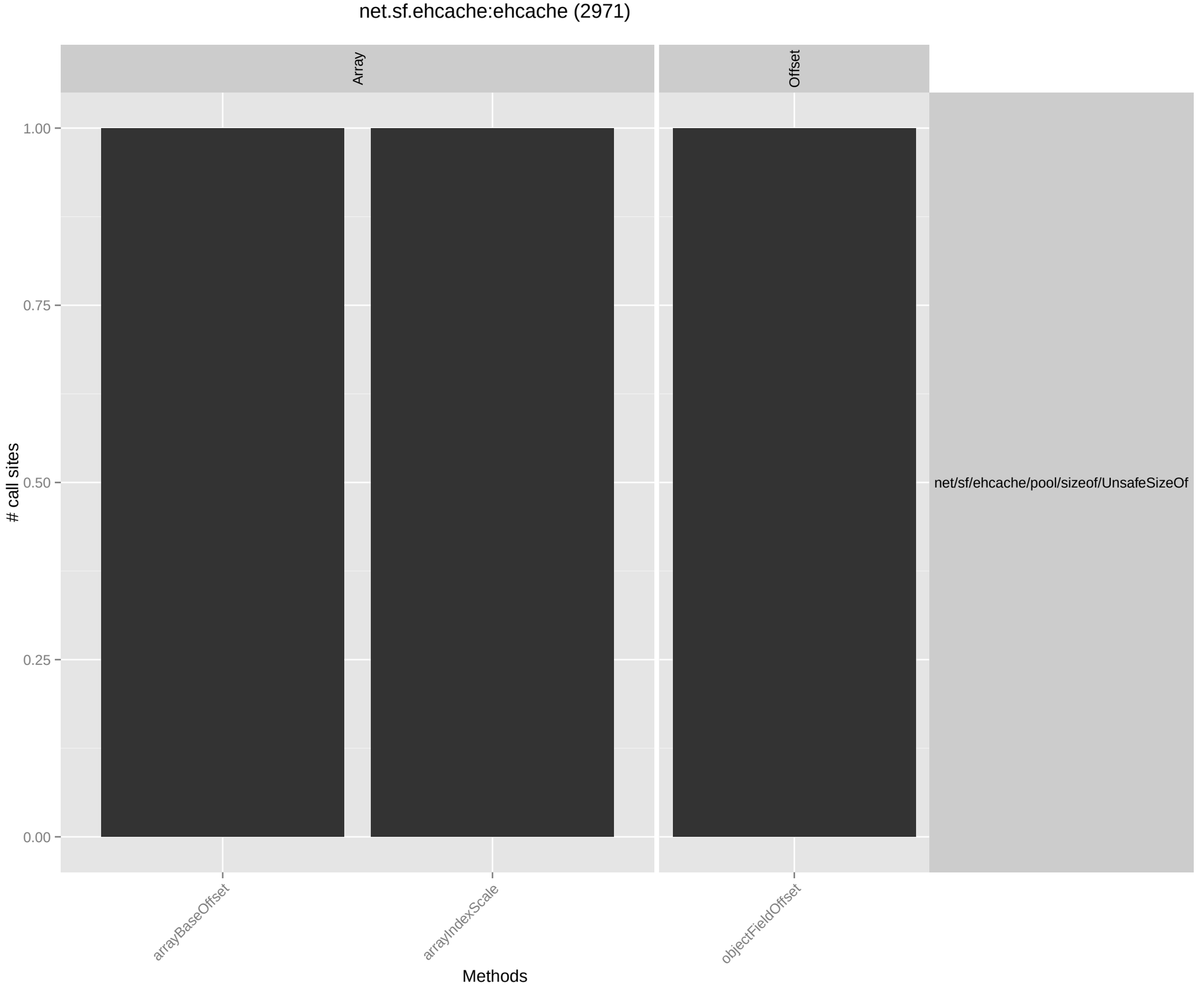

com.hazelcast:hazelcast−all (3379)
Alloc
Array
Get
Off−Heap
Offset
Put
Put Volatile
NA
com/hazelcast/hibernate/serialization/Hibernate3CacheEntrySerializer
com/hazelcast/hibernate/serialization/Hibernate3CacheKeySerializer
com/hazelcast/nio/UTFEncoderDecoder$UnsafeBasedCharArrayUtfWriter
com/hazelcast/nio/UnsafeHelper
com/hazelcast/nio/serialization/UnsafeObjectDataInput
com/hazelcast/nio/serialization/UnsafeObjectDataOutput
com/hazelcast/util/HashUtil
call sites
0
10
20
30
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putChar
putDouble
putFloat
putInt
putLong
putShort
putIntVolatile
putObjectVolatile
getUnsafe
Methods

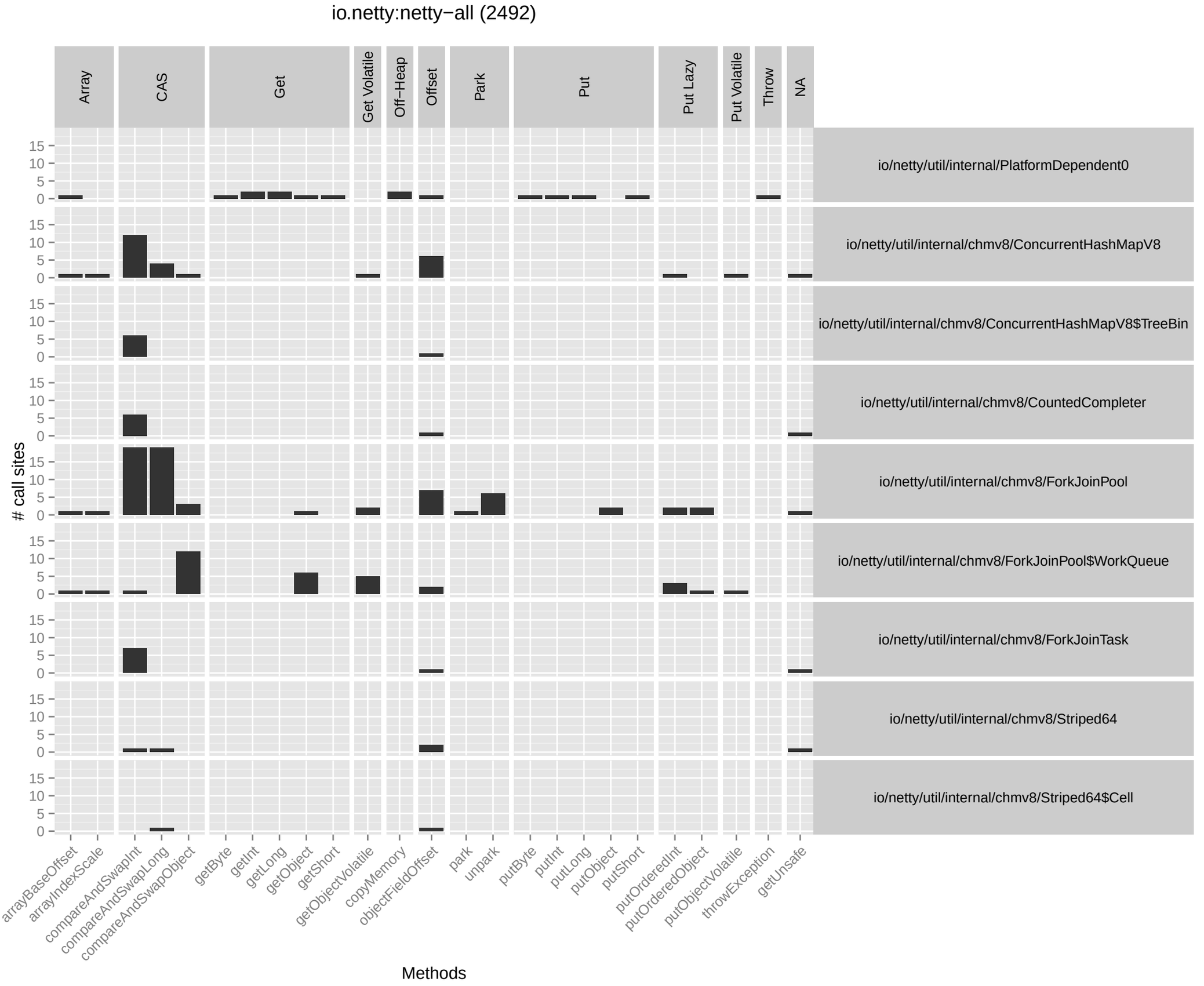

com.oracle:truffle (3379)
Alloc
Get
Offset
Put
NA
com/oracle/truffle/api/CompilerDirectives
com/oracle/truffle/api/nodes/NodeUtil
com/oracle/truffle/api/nodes/NodeUtil$1
com/oracle/truffle/api/nodes/NodeUtil$NodeClass$NodeIterator
com/oracle/truffle/api/nodes/NodeUtil$NodeField
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer$FixedSizeNodeStack
com/oracle/truffle/api/nodes/serial/PostOrderSerializer
call sites
0
5
10
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

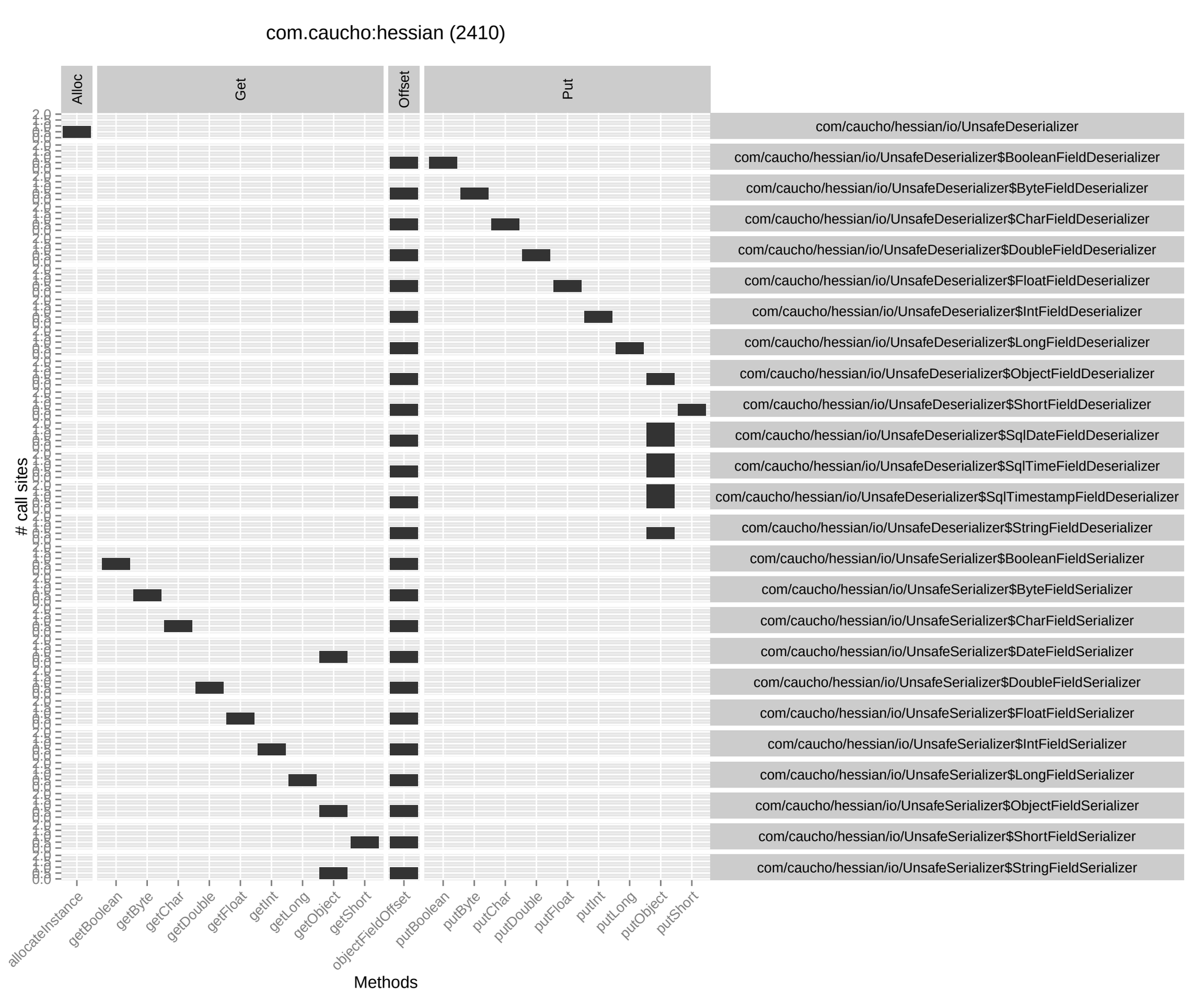

com.headius:openjdk−truffle (3378)
Alloc
Get
Offset
Put
NA
com/oracle/truffle/api/CompilerDirectives
com/oracle/truffle/api/nodes/NodeUtil
com/oracle/truffle/api/nodes/NodeUtil$1
com/oracle/truffle/api/nodes/NodeUtil$NodeClass$NodeIterator
com/oracle/truffle/api/nodes/NodeUtil$NodeField
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer$FixedSizeNodeStack
com/oracle/truffle/api/nodes/serial/PostOrderSerializer
call sites
0
5
10
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

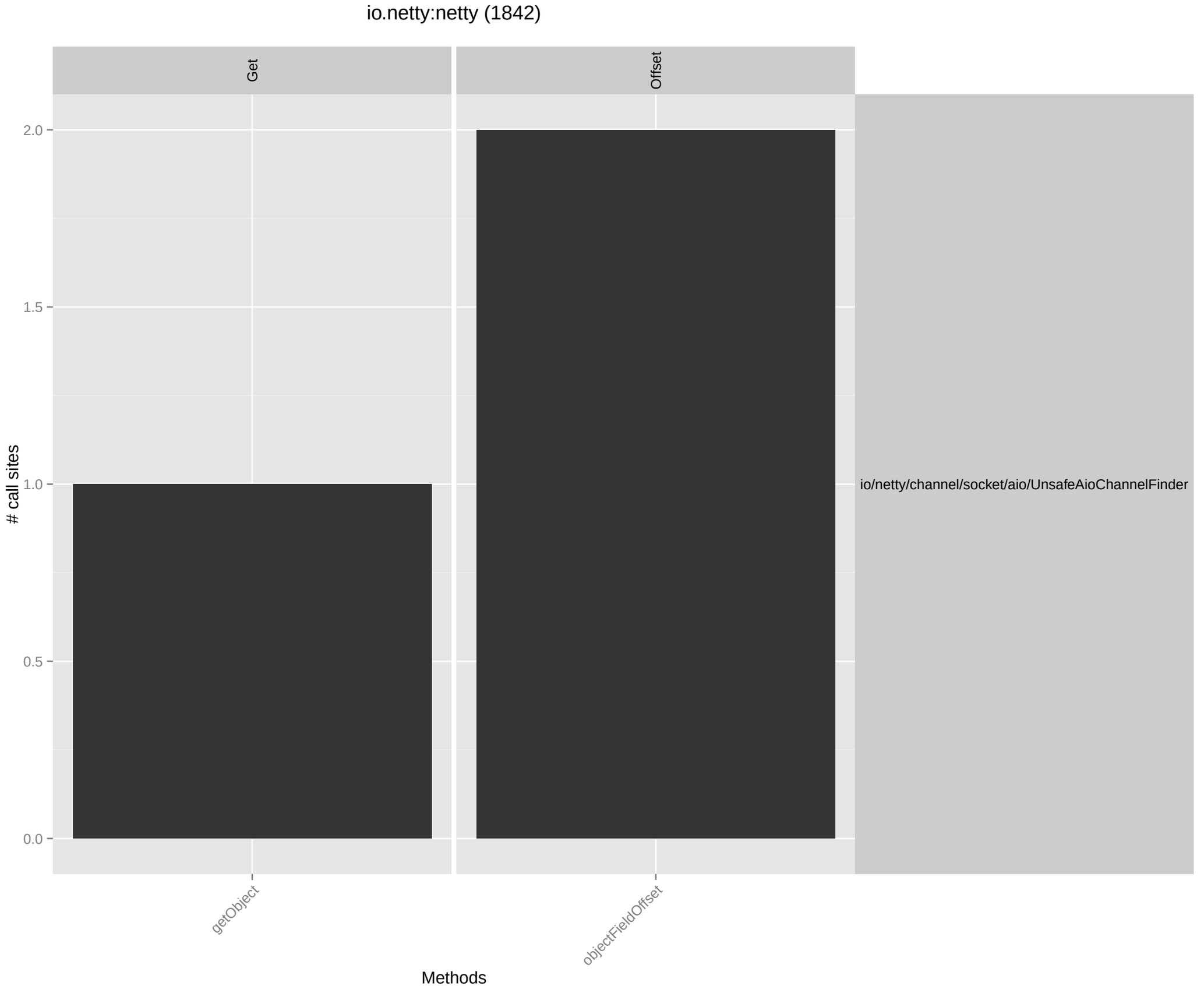

com.headius:unsafe−mock (3378)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
NA
sun/misc/Unsafe
call sites
0.0
2.5
5.0
7.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
copyMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
<init>
registerNatives
Methods

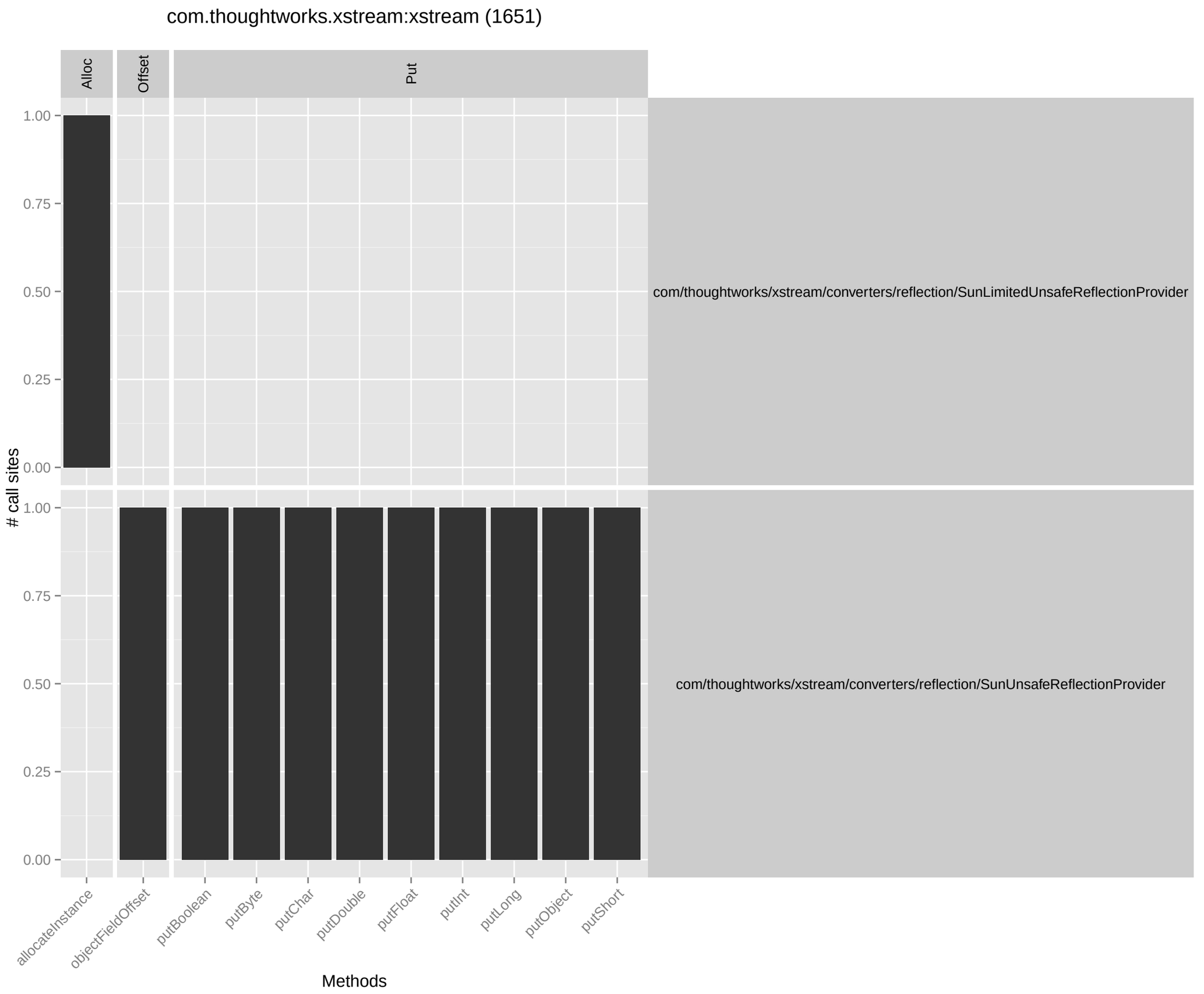

org.jruby:jruby−core (3377)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put Lazy
Put Volatile
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/SipHashInline$LongReader$UnsafeLongReader
org/jruby/util/StringSupport
org/jruby/util/unsafe/UnsafeHolder
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
getLong
getObject
getObjectVolatile
copyMemory
objectFieldOffset
putOrderedObject
putObjectVolatile
Methods

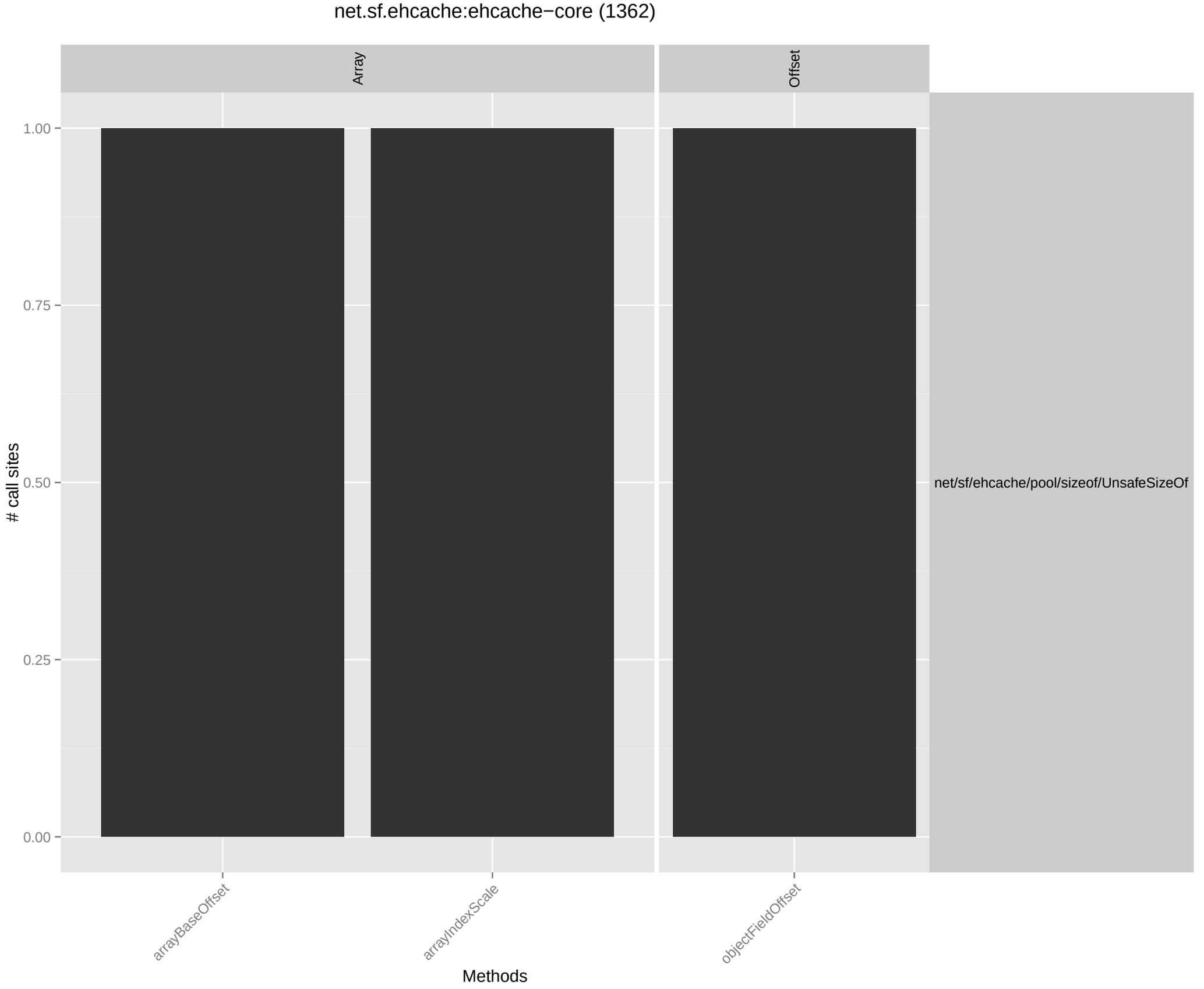

net.sf.ehcache:ehcache (2971)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

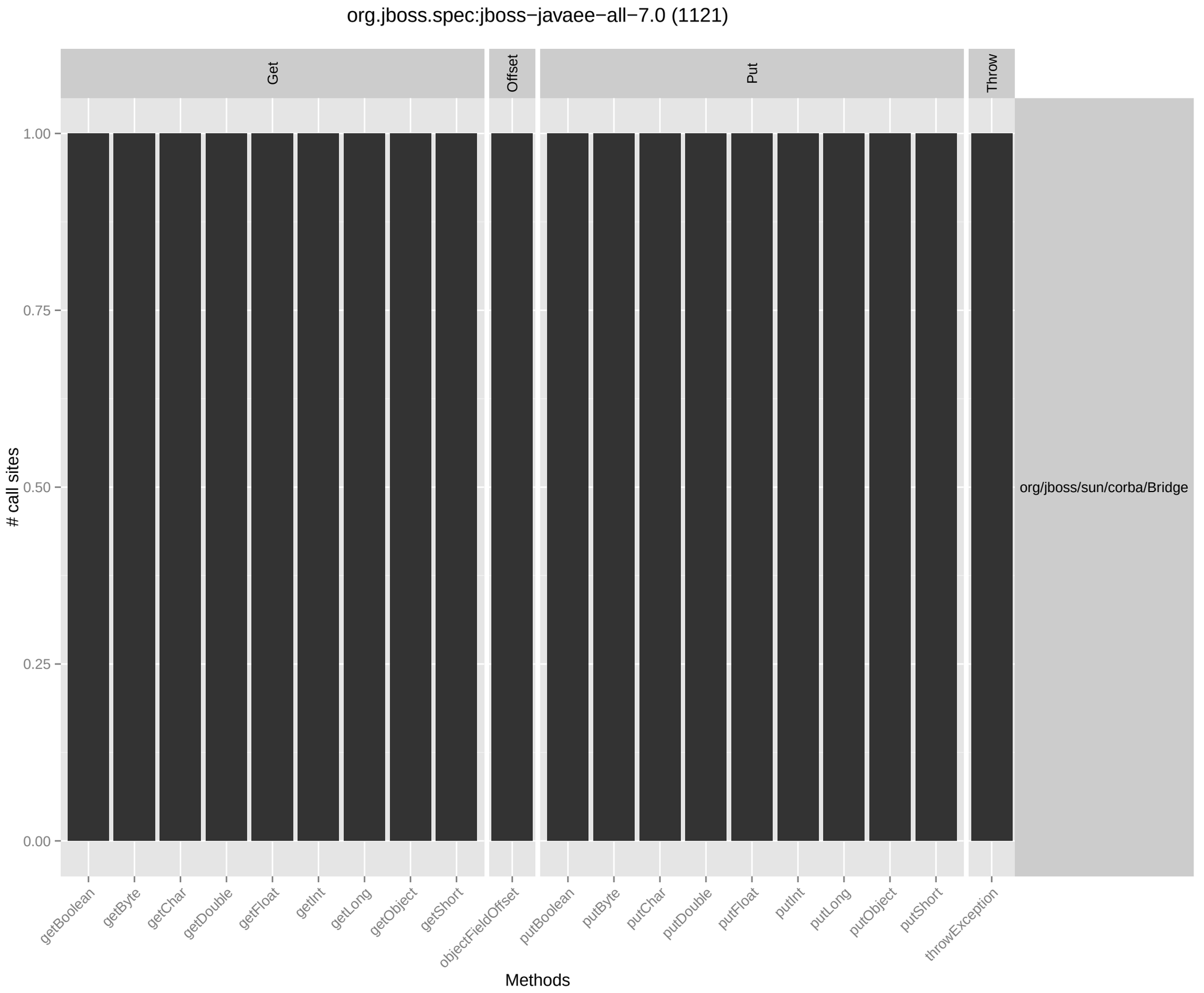

io.netty:netty−all (2492)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

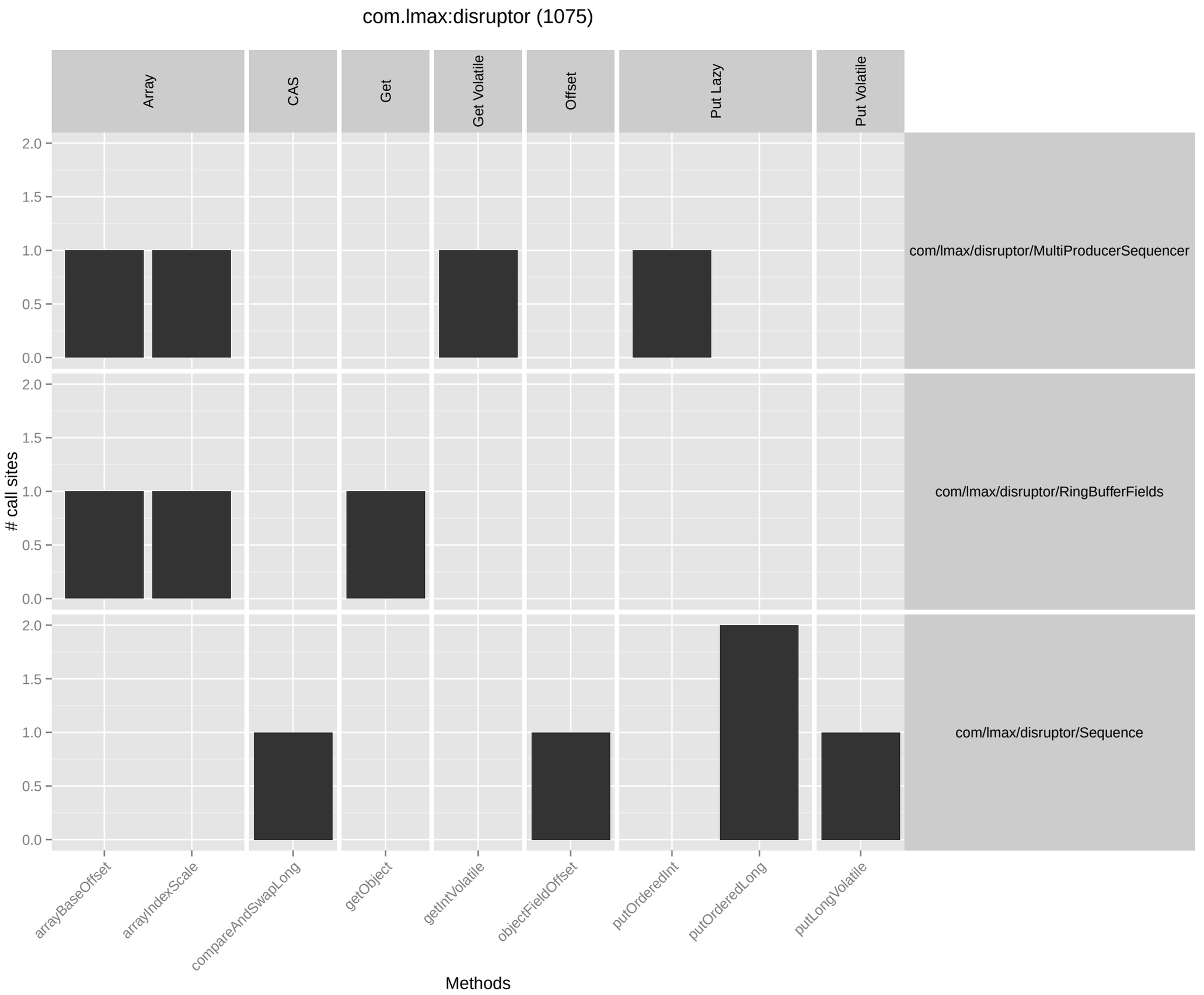

com.caucho:hessian (2410)
Alloc
Get
Offset
Put
com/caucho/hessian/io/UnsafeDeserializer
com/caucho/hessian/io/UnsafeDeserializer$BooleanFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ByteFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$CharFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$DoubleFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$FloatFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$IntFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$LongFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ObjectFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ShortFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlDateFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimeFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimestampFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$StringFieldDeserializer
com/caucho/hessian/io/UnsafeSerializer$BooleanFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ByteFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$CharFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DateFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DoubleFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$FloatFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$IntFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$LongFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ObjectFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ShortFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$StringFieldSerializer
call sites
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

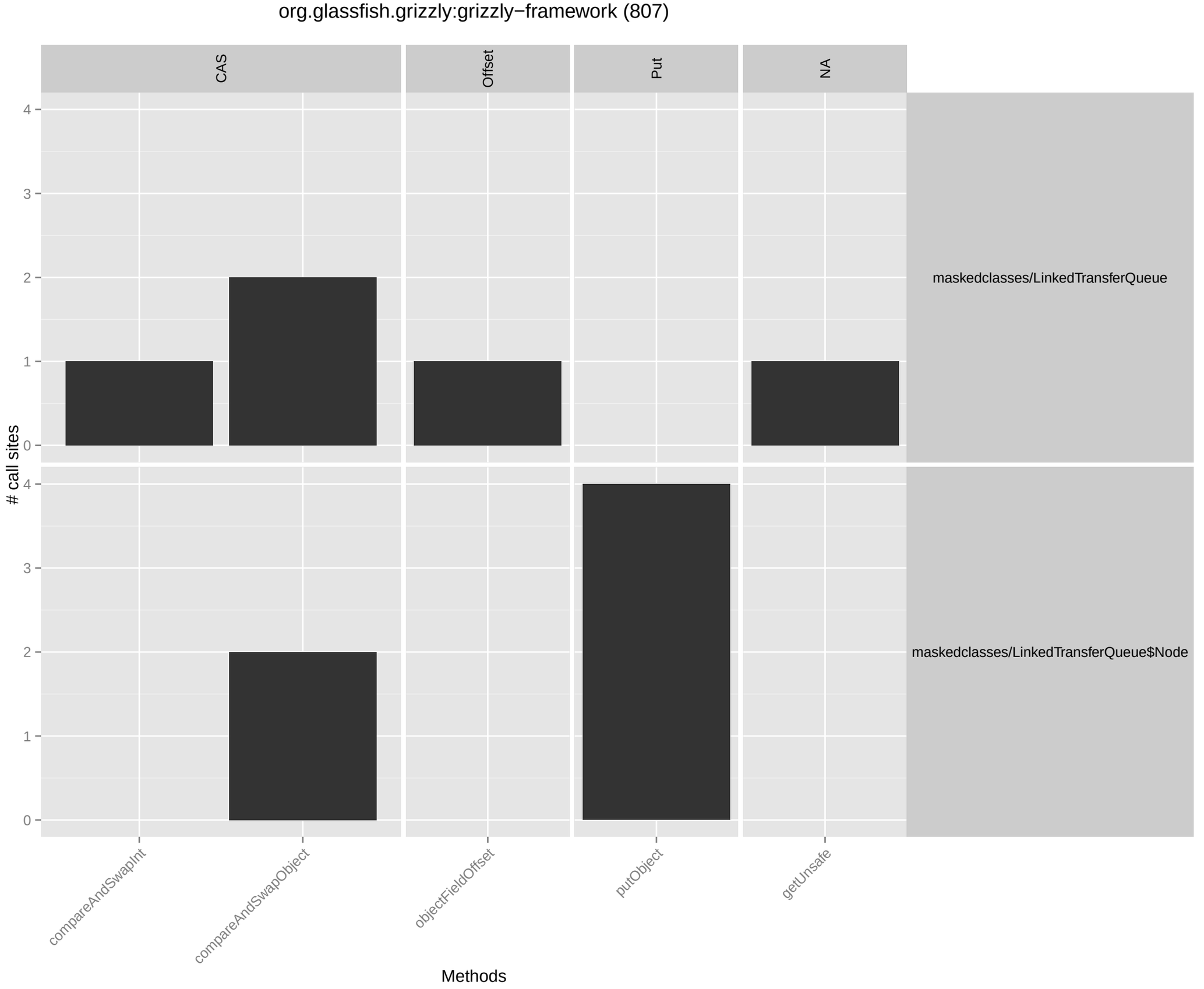

io.netty:netty (1842)
Get
Offset
io/netty/channel/socket/aio/UnsafeAioChannelFinder
call sites
2.0
1.5
1.0
0.5
0.0
getObject
objectFieldOffset
Methods

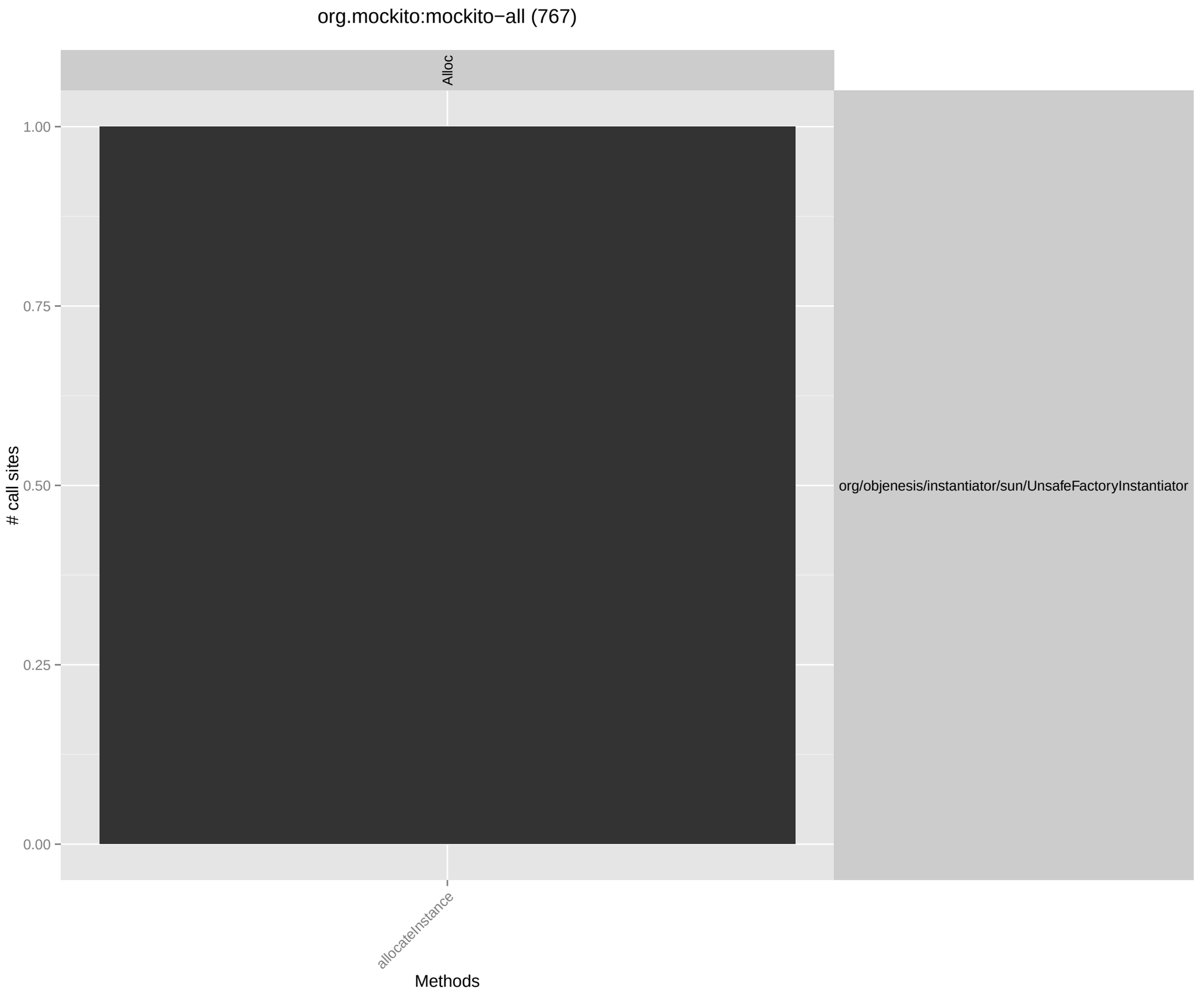

com.thoughtworks.xstream:xstream (1651)
Alloc
Offset
Put
com/thoughtworks/xstream/converters/reflection/SunLimitedUnsafeReflectionProvider
com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

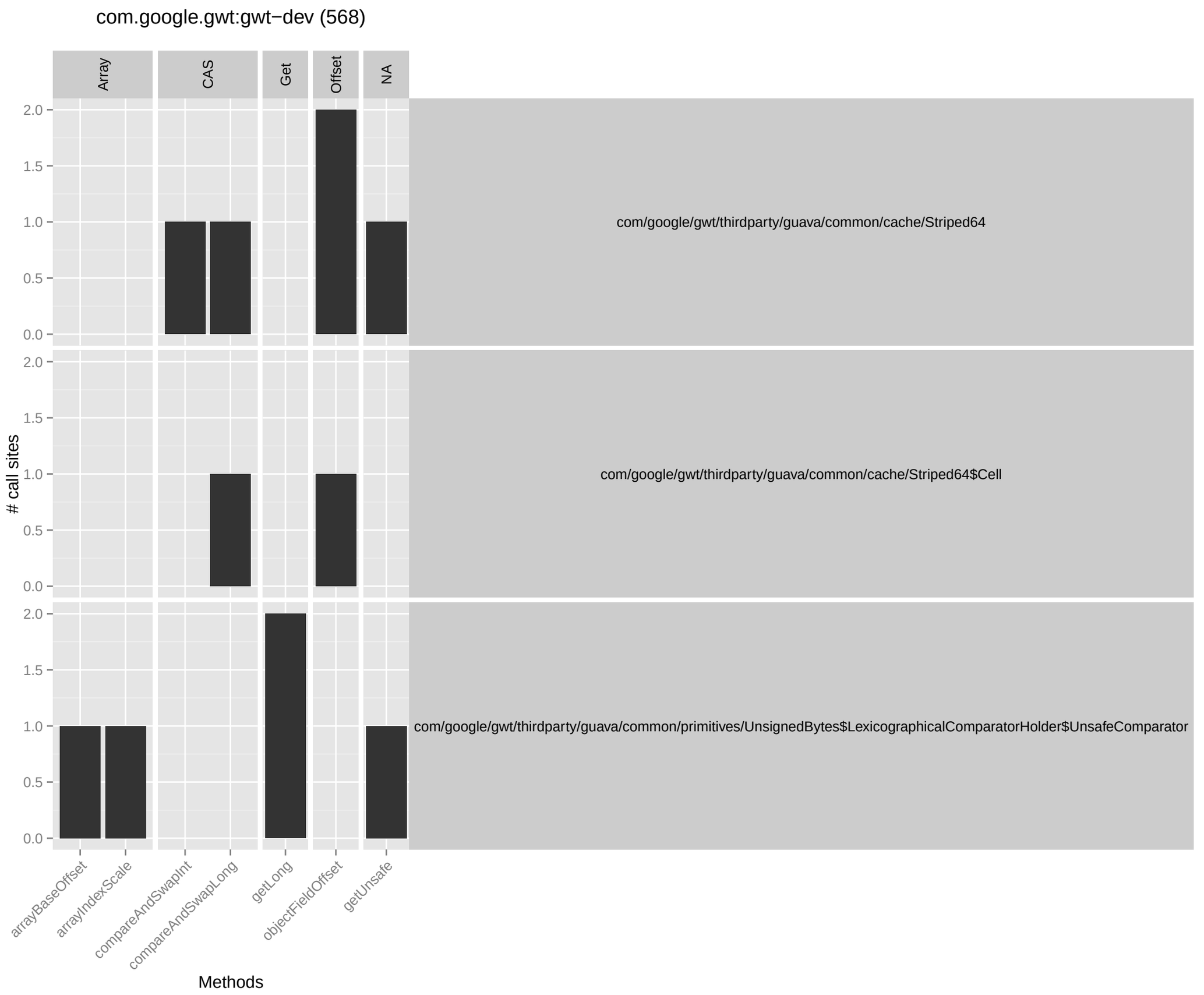

net.sf.ehcache:ehcache−core (1362)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

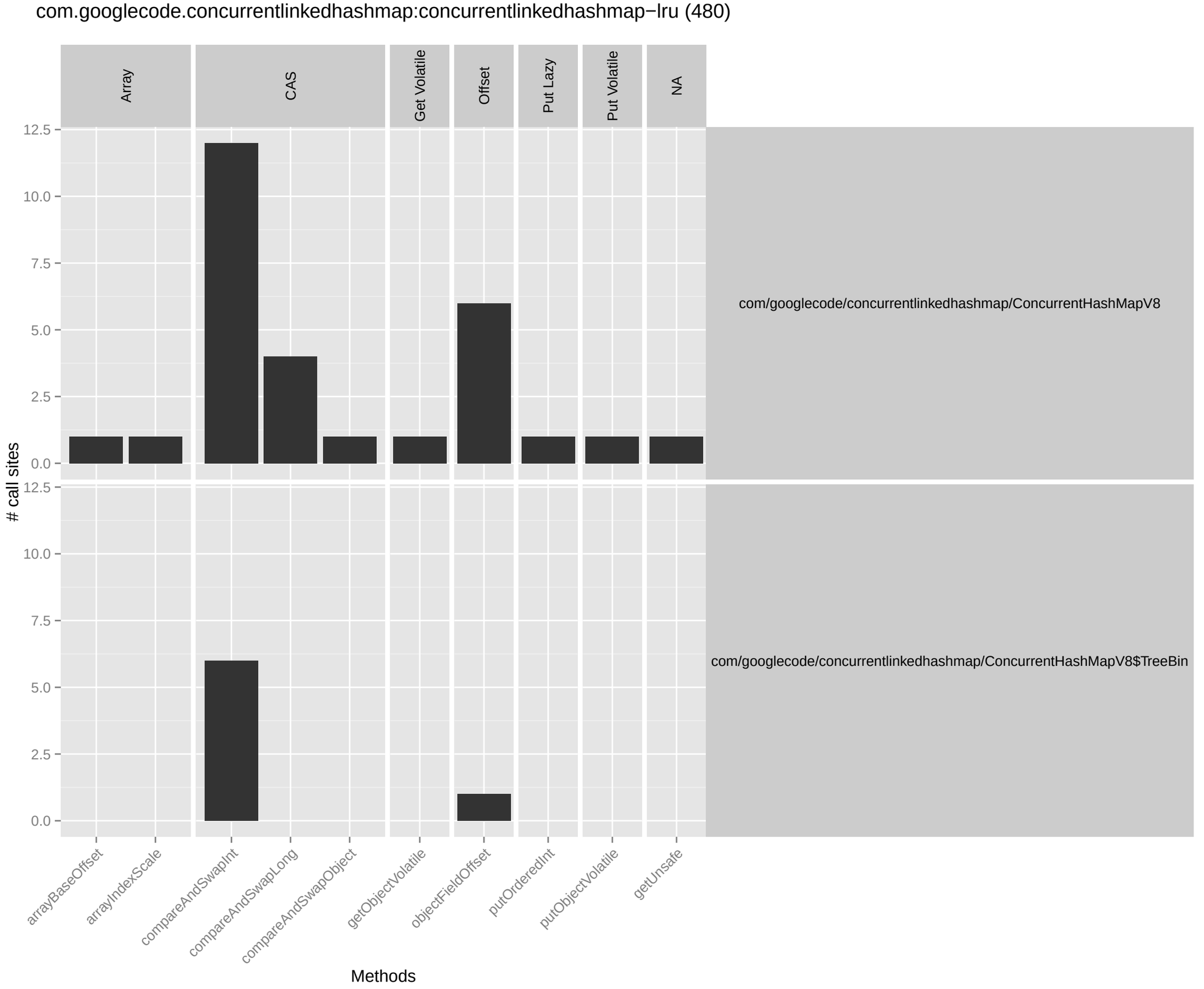

org.jboss.spec:jboss−javaee−all−7.0 (1121)
Get
Offset
Put
Throw
org/jboss/sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

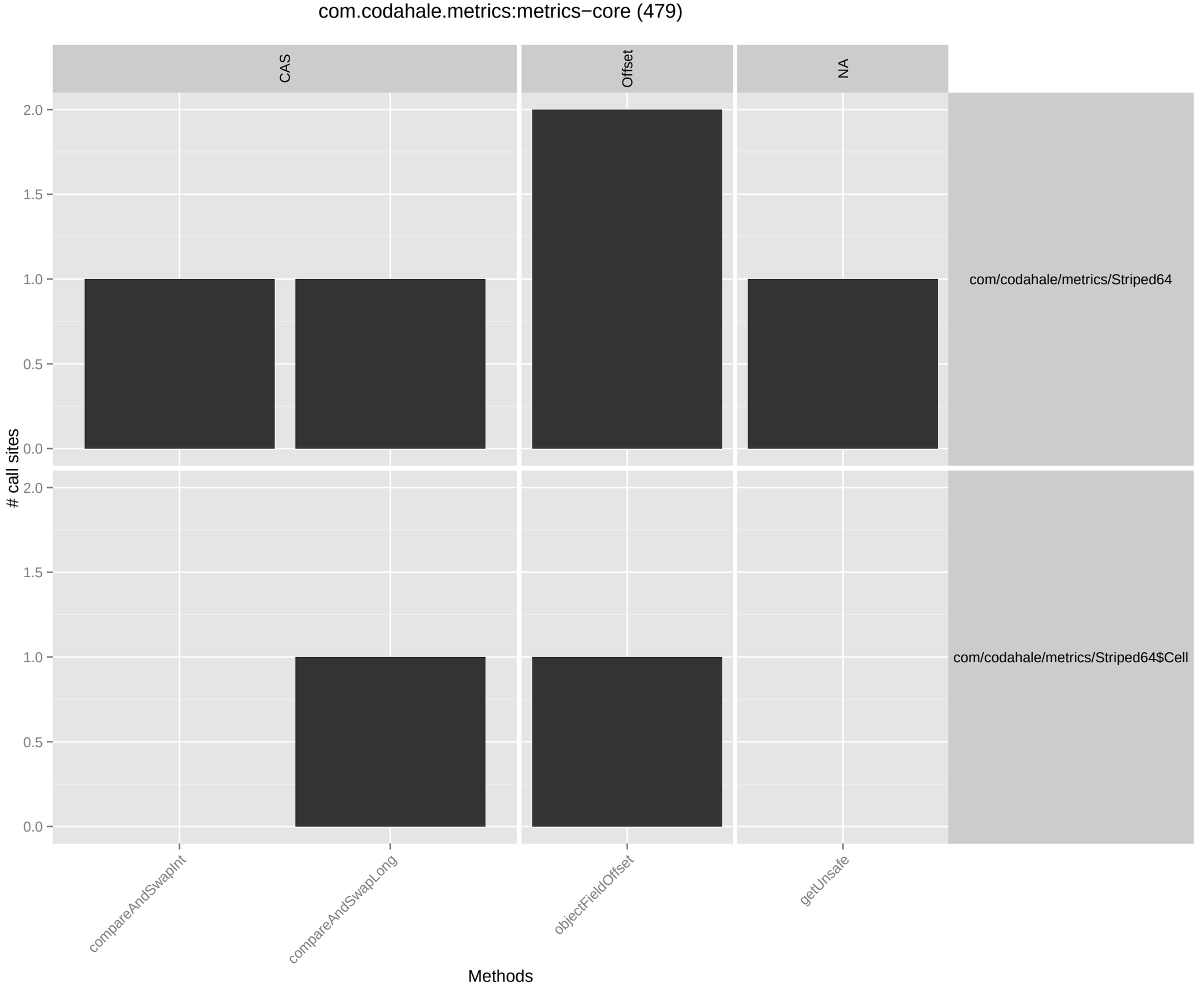

com.lmax:disruptor (1075)
Array
CAS
Get
Get Volatile
Offset
Put Lazy
Put Volatile
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/RingBufferFields
com/lmax/disruptor/Sequence
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getObject
getIntVolatile
objectFieldOffset
putOrderedInt
putOrderedLong
putLongVolatile
Methods

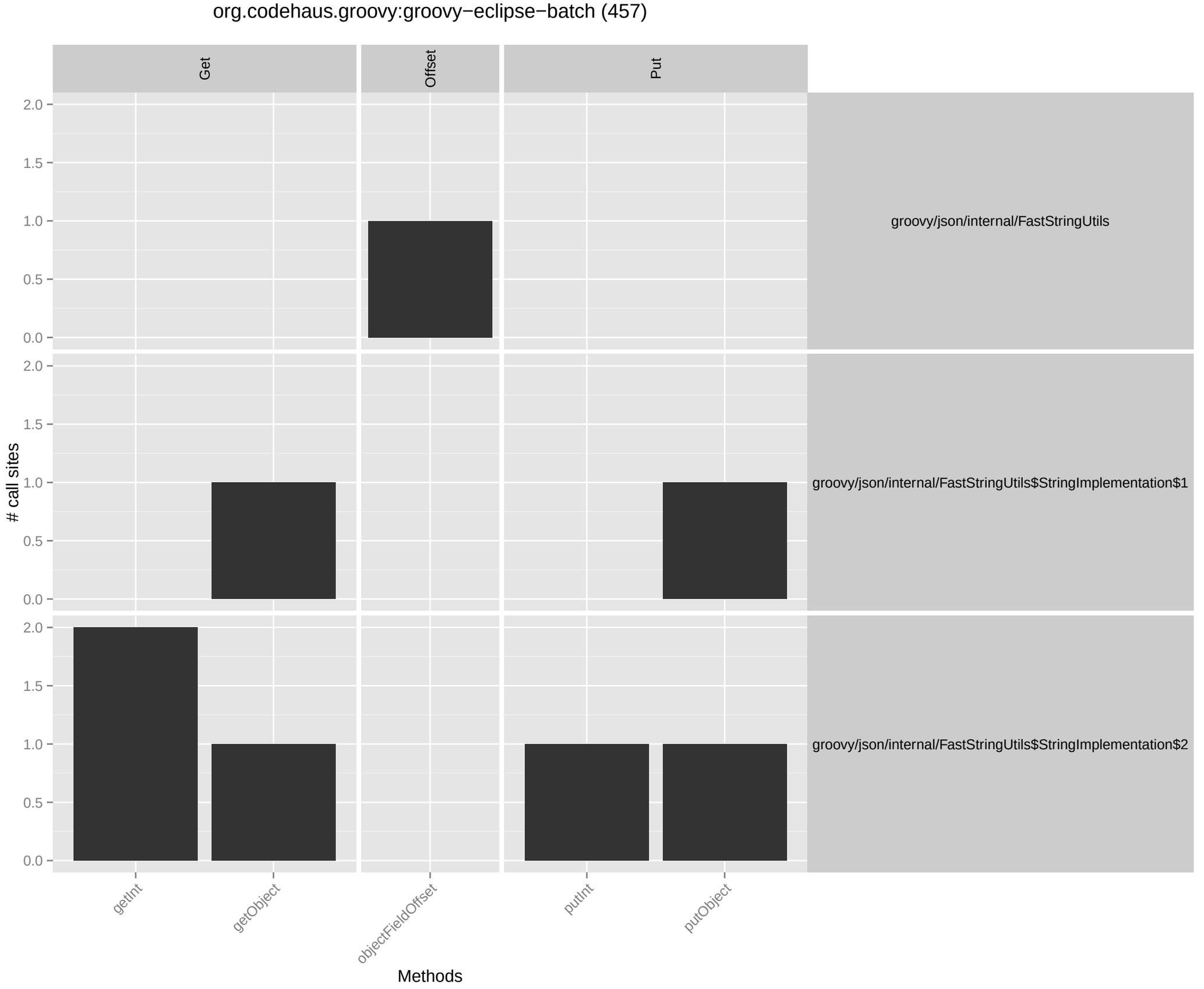

org.glassfish.grizzly:grizzly−framework (807)
CAS
Offset
Put
NA
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

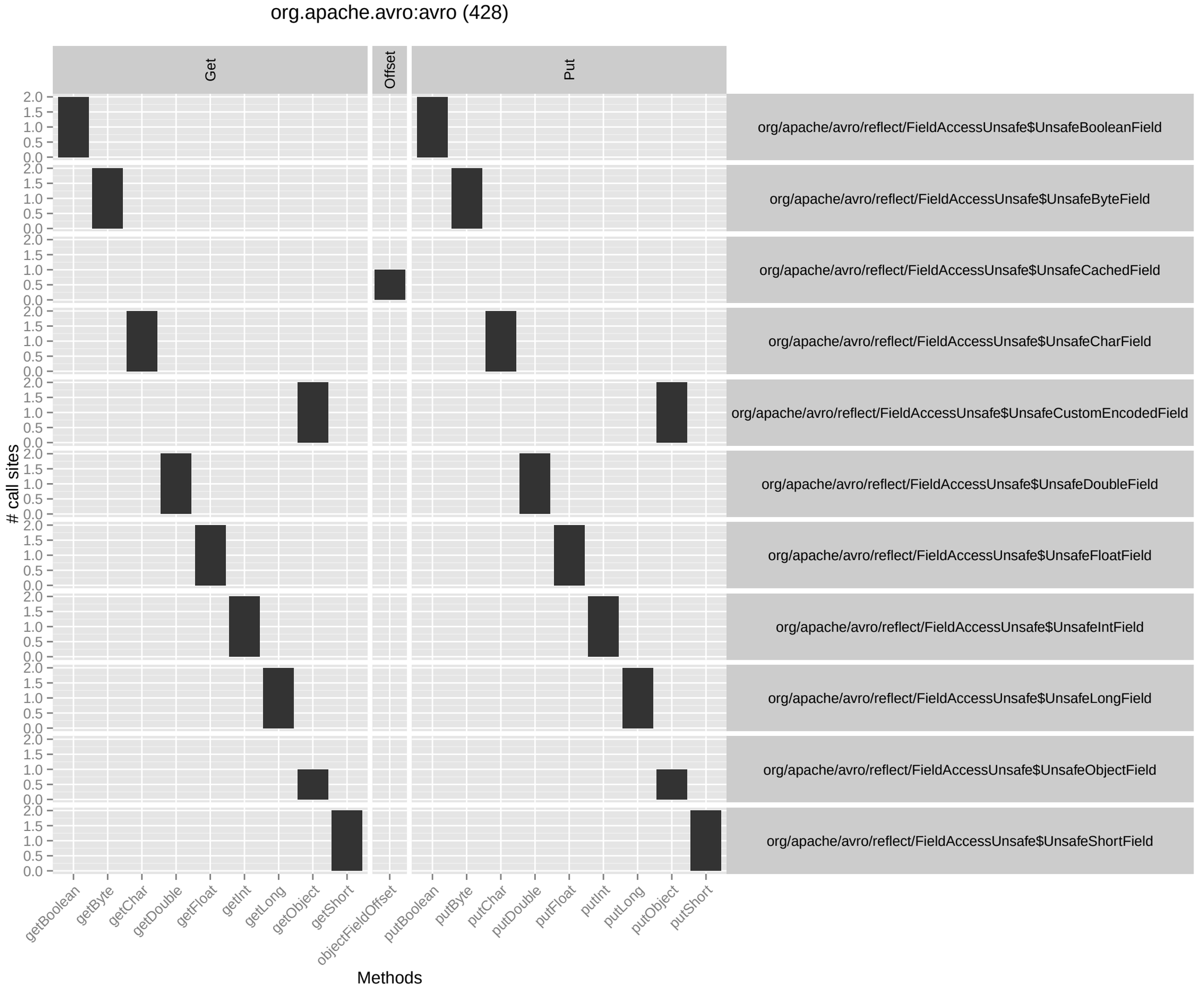

org.mockito:mockito−all (767)
Alloc
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
Methods

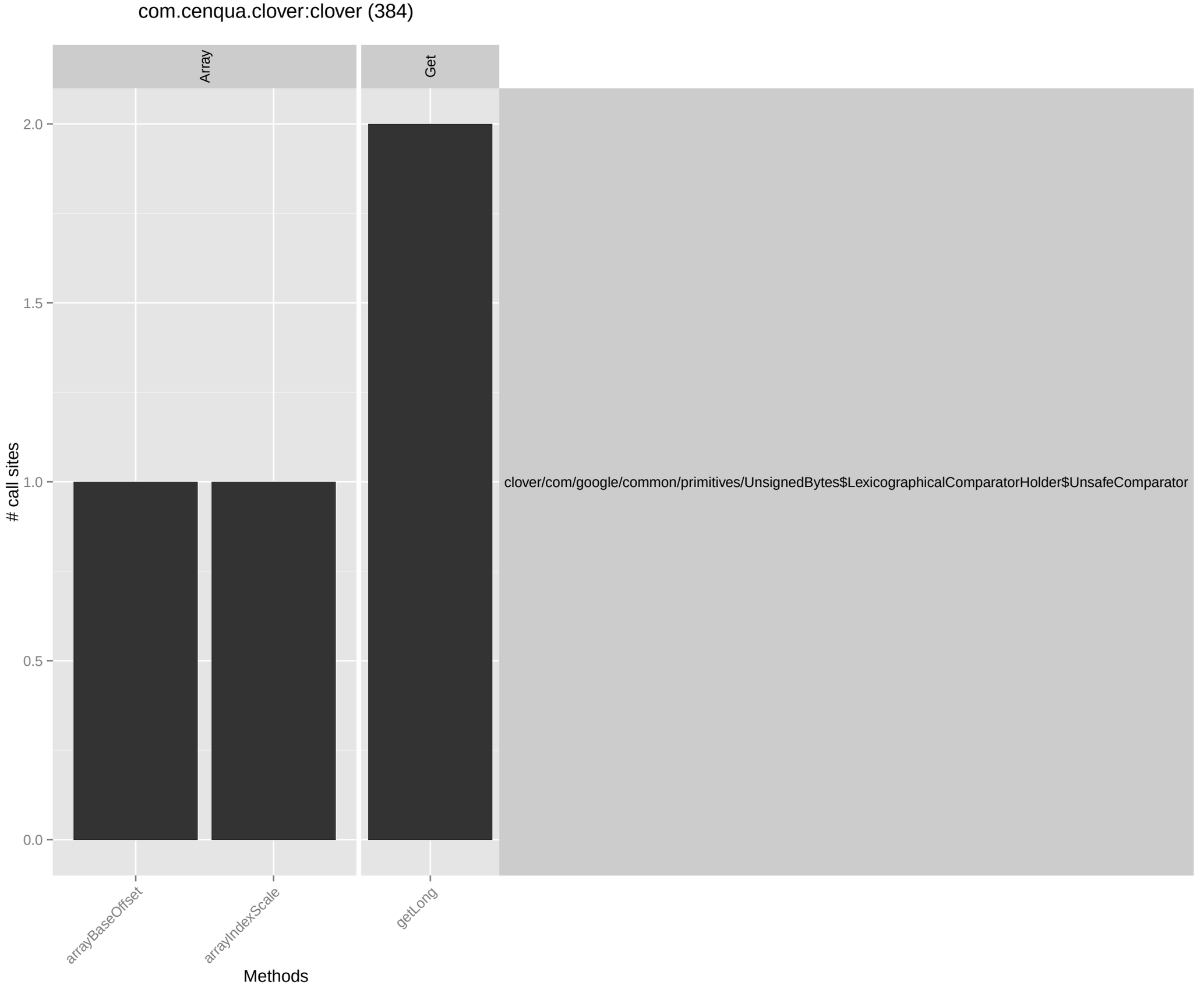

com.google.gwt:gwt−dev (568)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

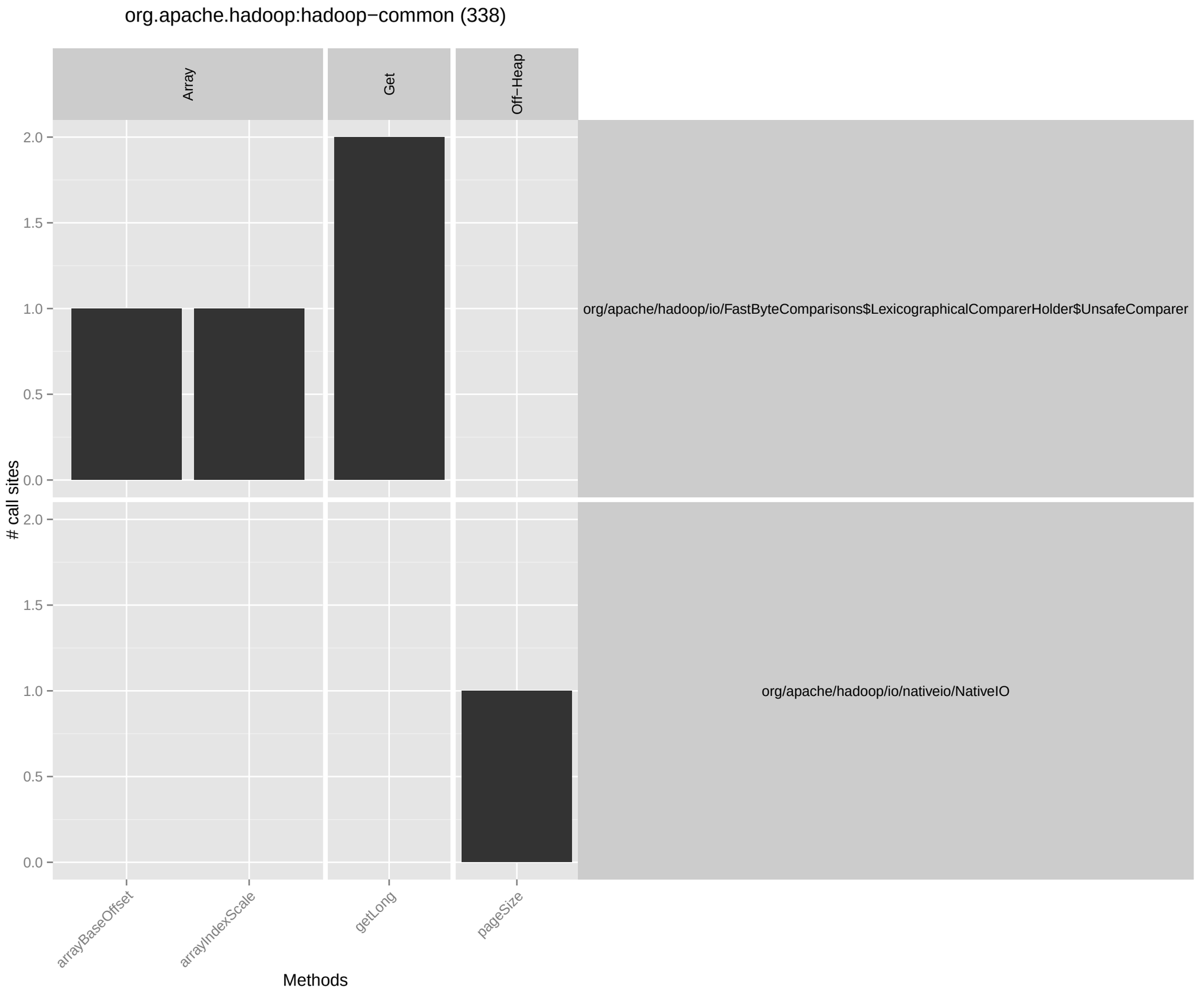

com.googlecode.concurrentlinkedhashmap:concurrentlinkedhashmap−lru (480)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8
com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

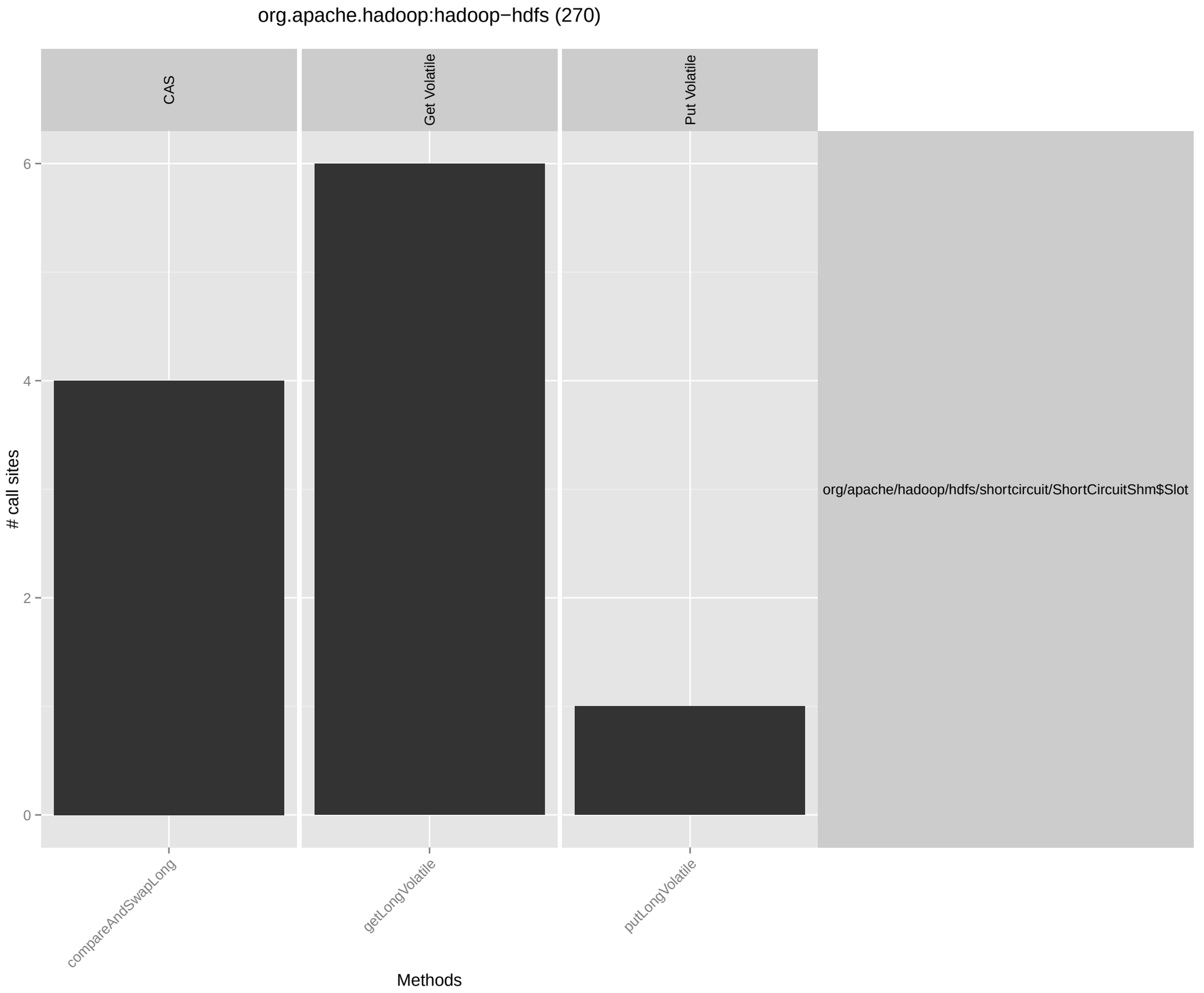

com.codahale.metrics:metrics−core (479)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

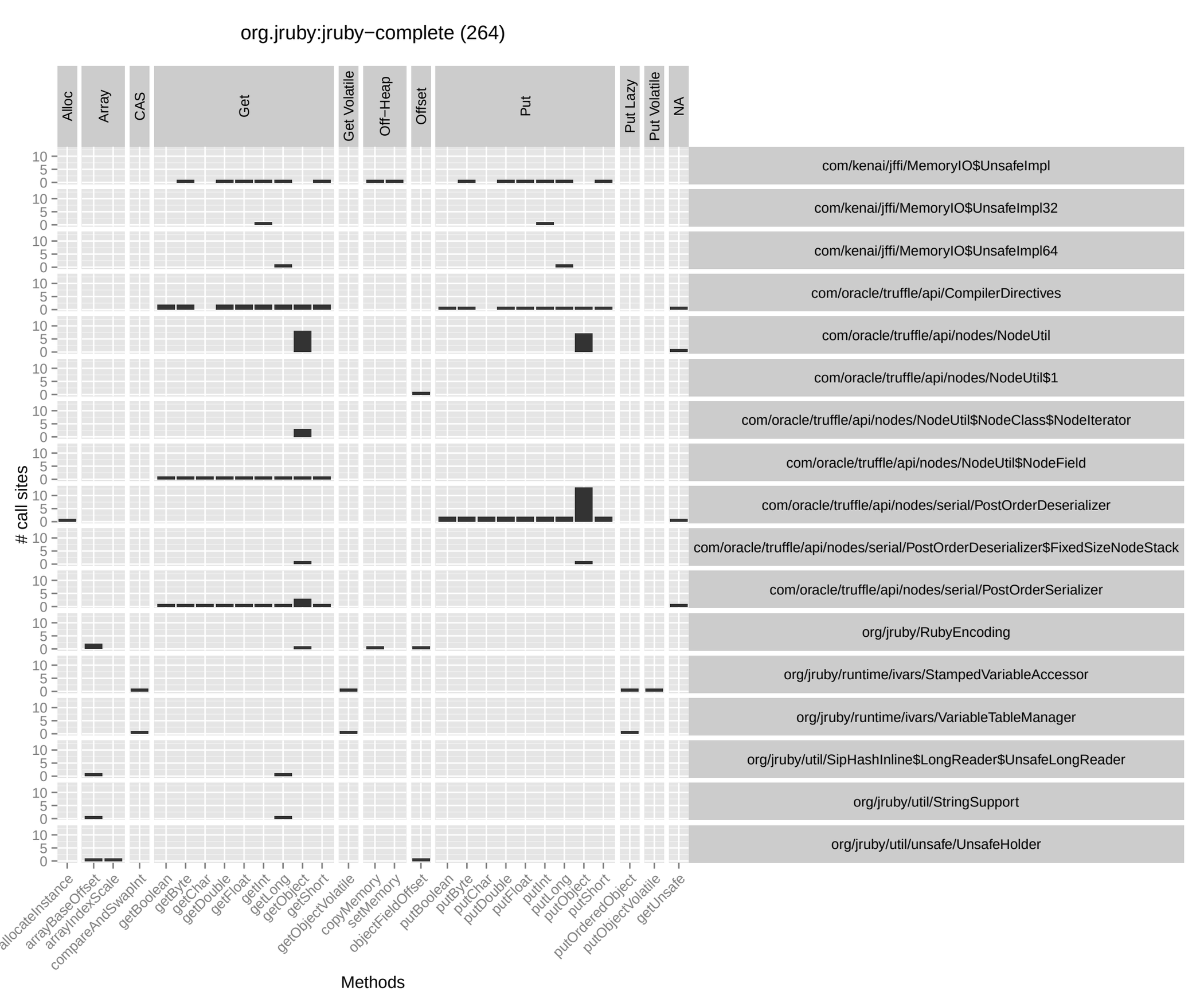

org.codehaus.groovy:groovy−eclipse−batch (457)
Get
Offset
Put
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
0.0
0.5
1.0
1.5
2.0
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

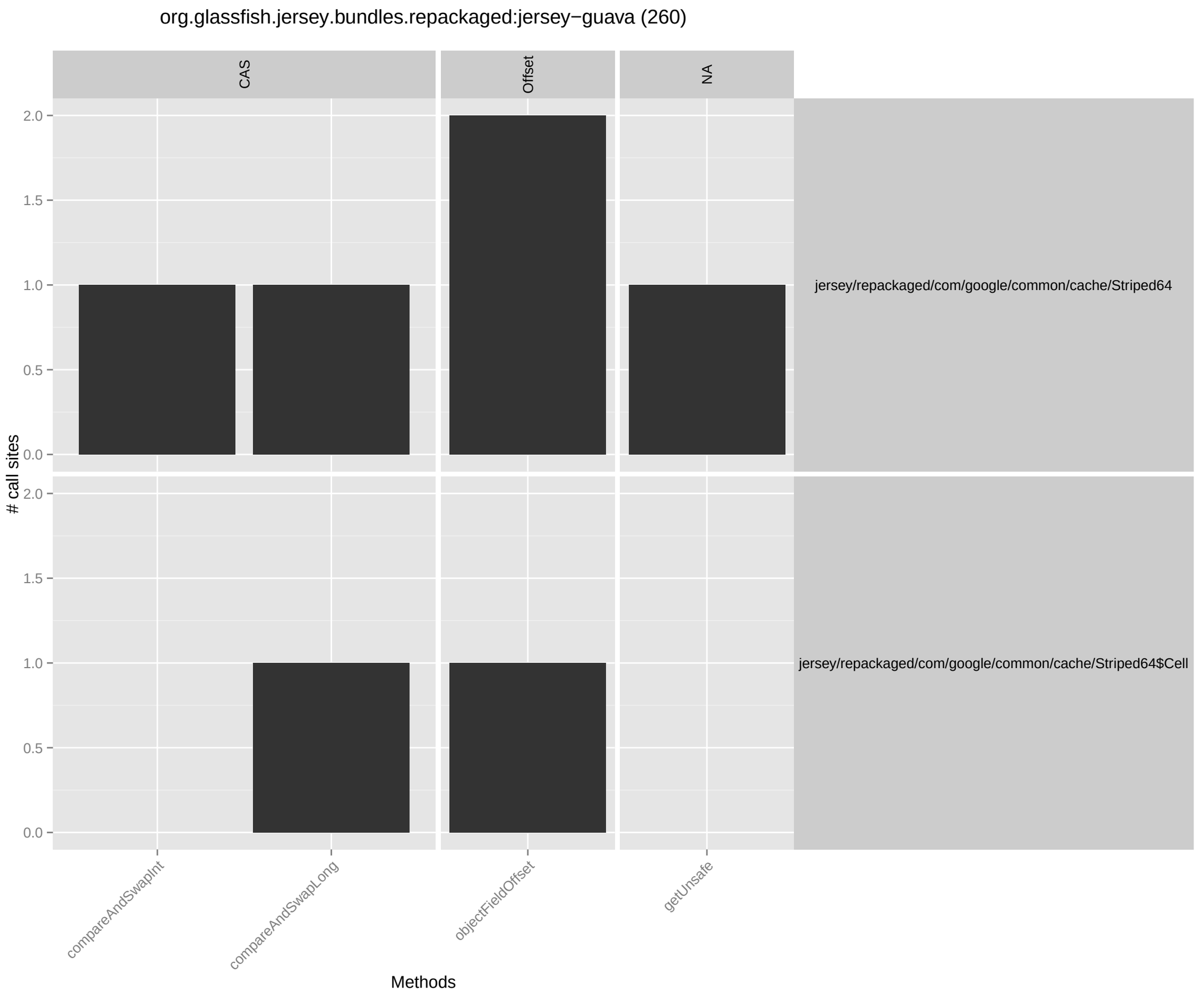

org.apache.avro:avro (428)
Get
Offset
Put
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
call sites
0.0
0.5
1.0
1.5
2.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

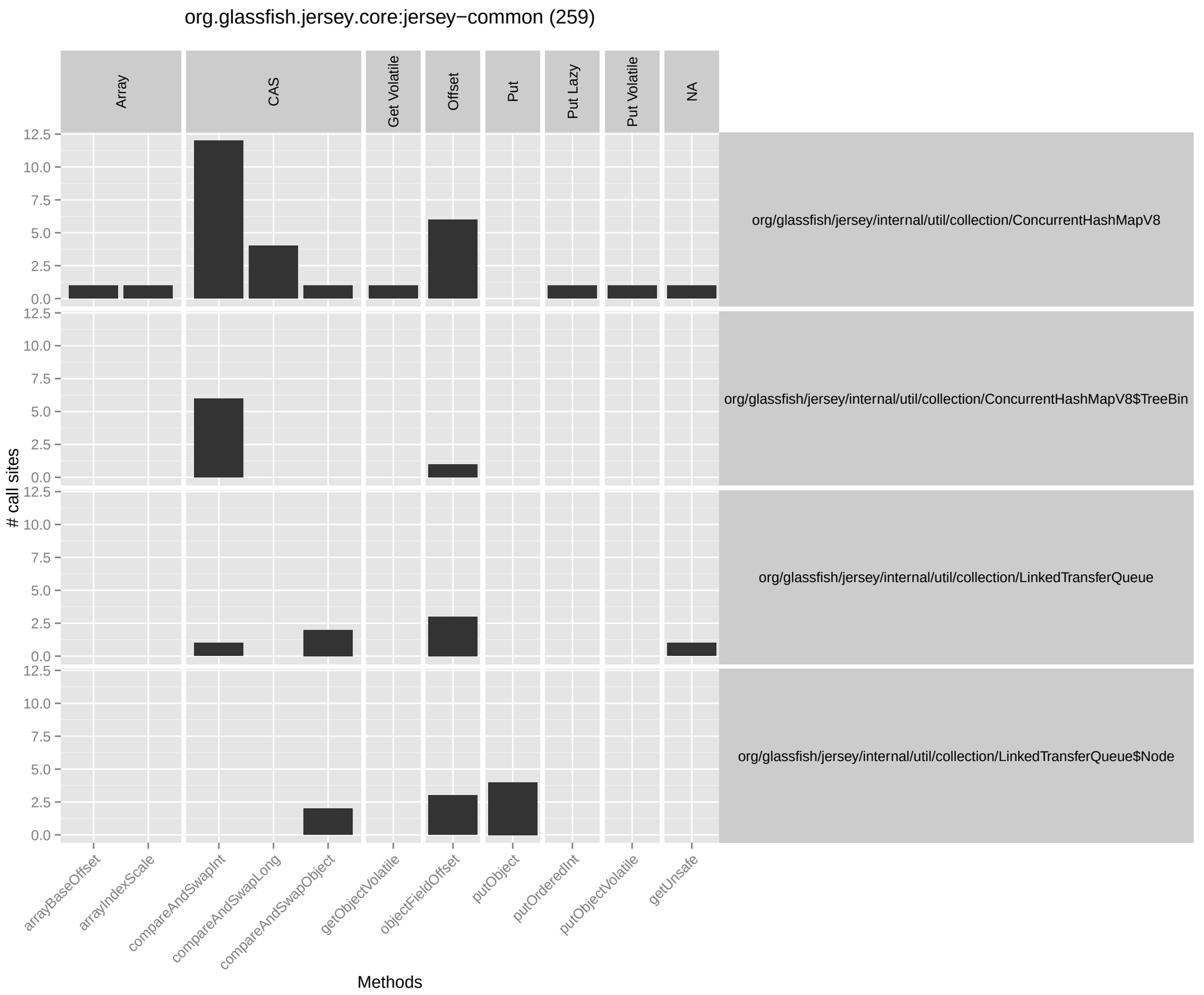

com.cenqua.clover:clover (384)
Array
Get
clover/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

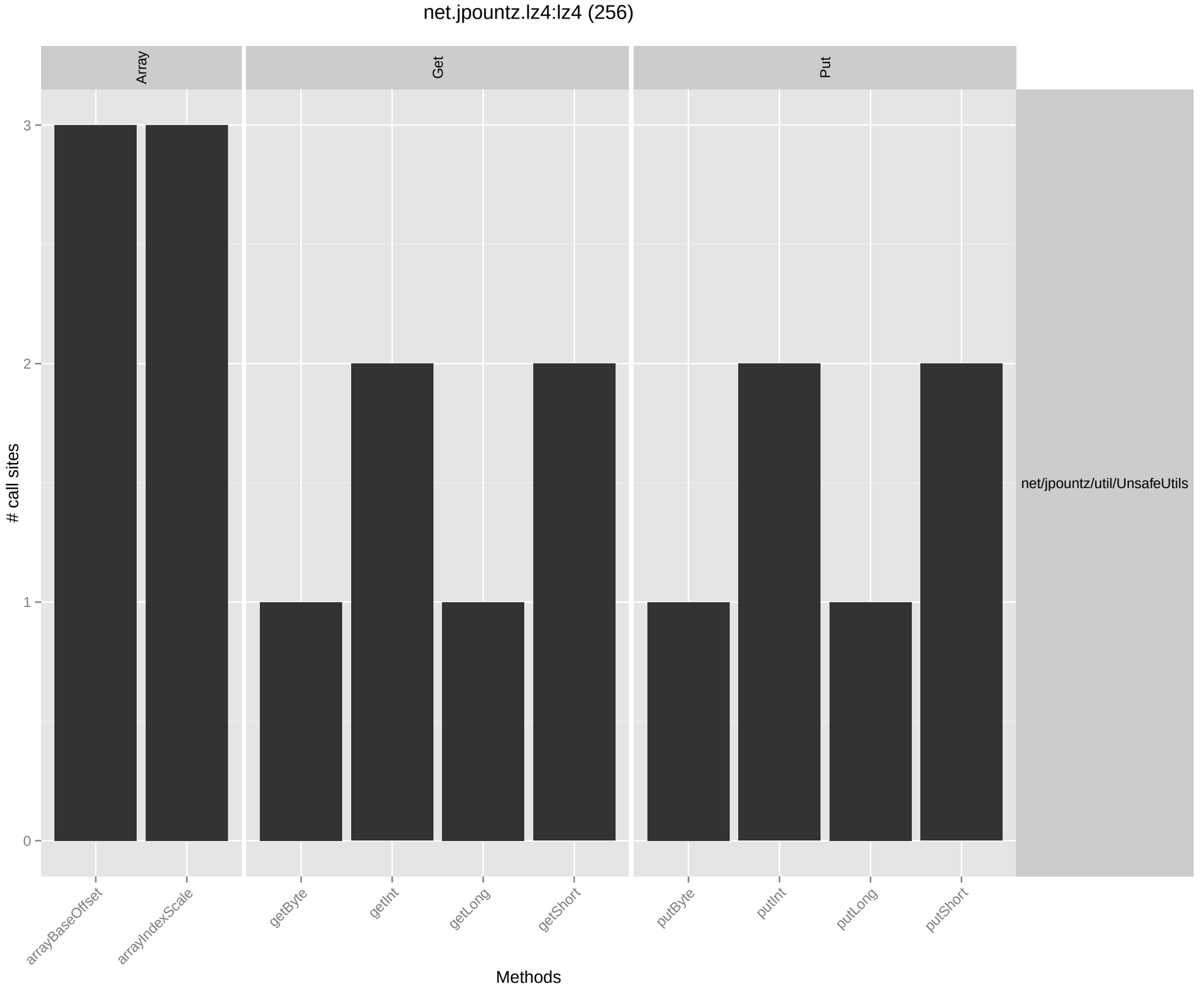

org.apache.hadoop:hadoop−common (338)
Array
Get
Off−Heap
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getLong
pageSize
Methods

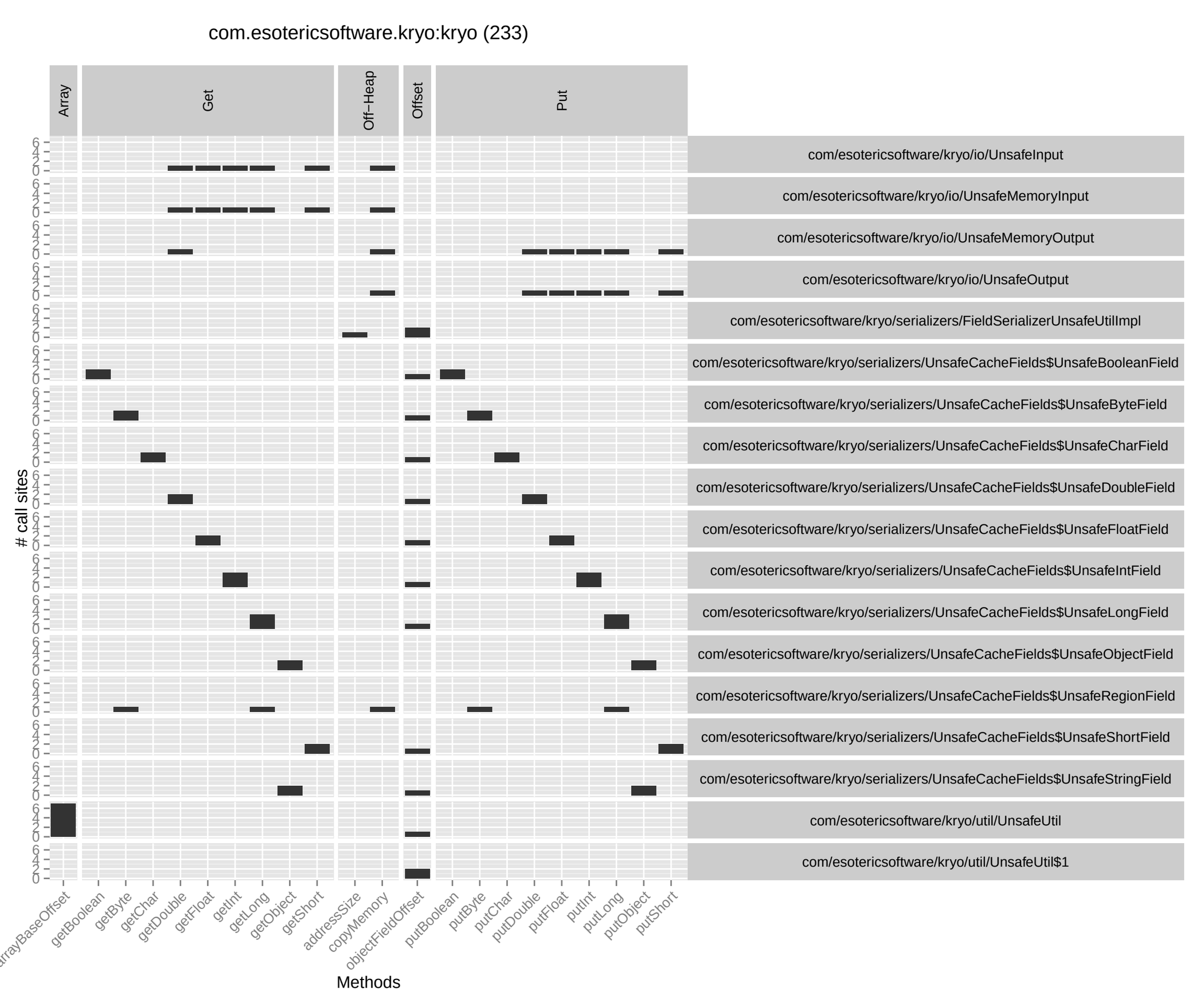

org.apache.hadoop:hadoop−hdfs (270)
CAS
Get Volatile
Put Volatile
org/apache/hadoop/hdfs/shortcircuit/ShortCircuitShm$Slot
call sites
0
2
4
6
compareAndSwapLong
getLongVolatile
putLongVolatile
Methods

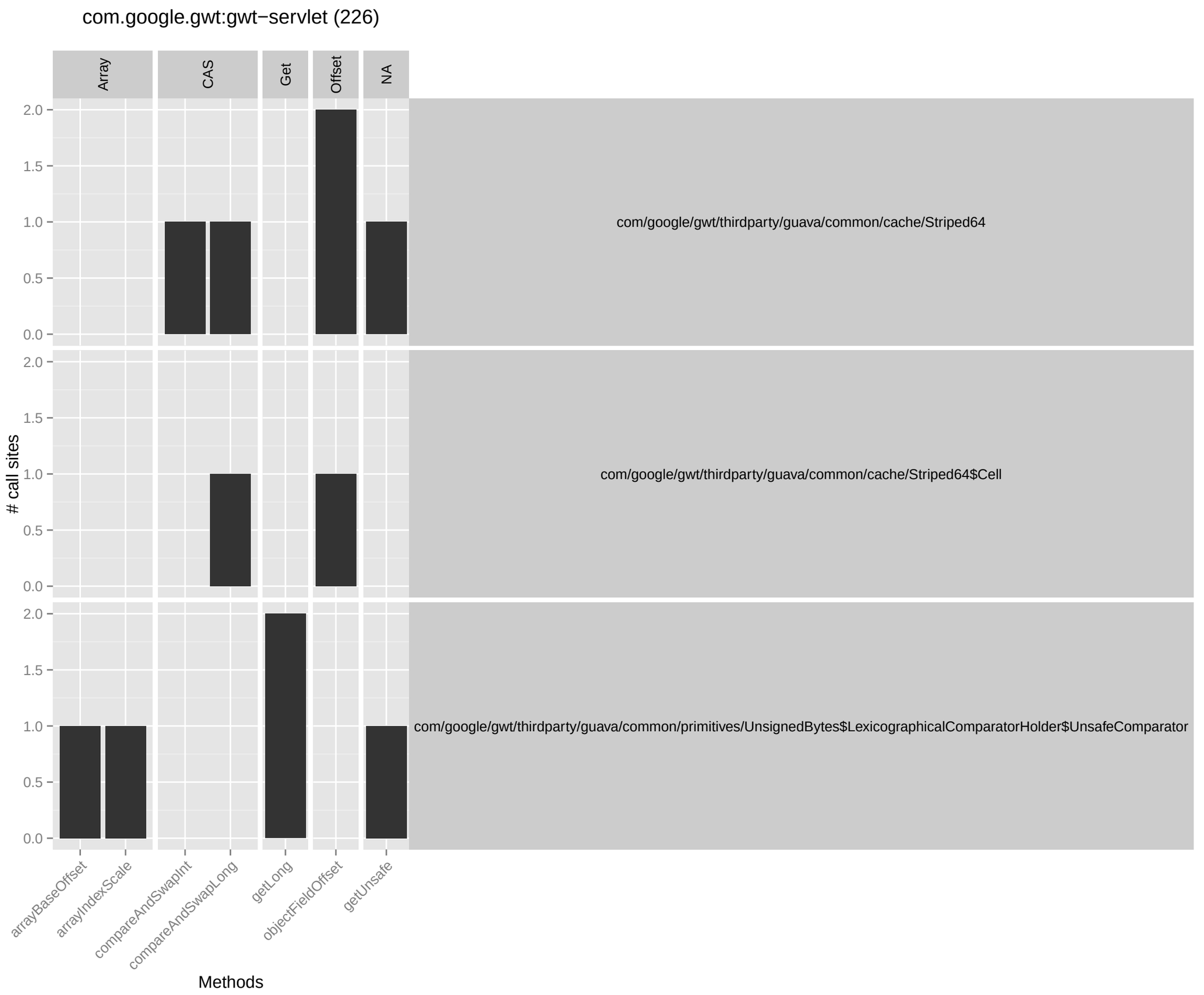

org.jruby:jruby−complete (264)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
com/oracle/truffle/api/CompilerDirectives
com/oracle/truffle/api/nodes/NodeUtil
com/oracle/truffle/api/nodes/NodeUtil$1
com/oracle/truffle/api/nodes/NodeUtil$NodeClass$NodeIterator
com/oracle/truffle/api/nodes/NodeUtil$NodeField
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer$FixedSizeNodeStack
com/oracle/truffle/api/nodes/serial/PostOrderSerializer
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/SipHashInline$LongReader$UnsafeLongReader
org/jruby/util/StringSupport
org/jruby/util/unsafe/UnsafeHolder
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

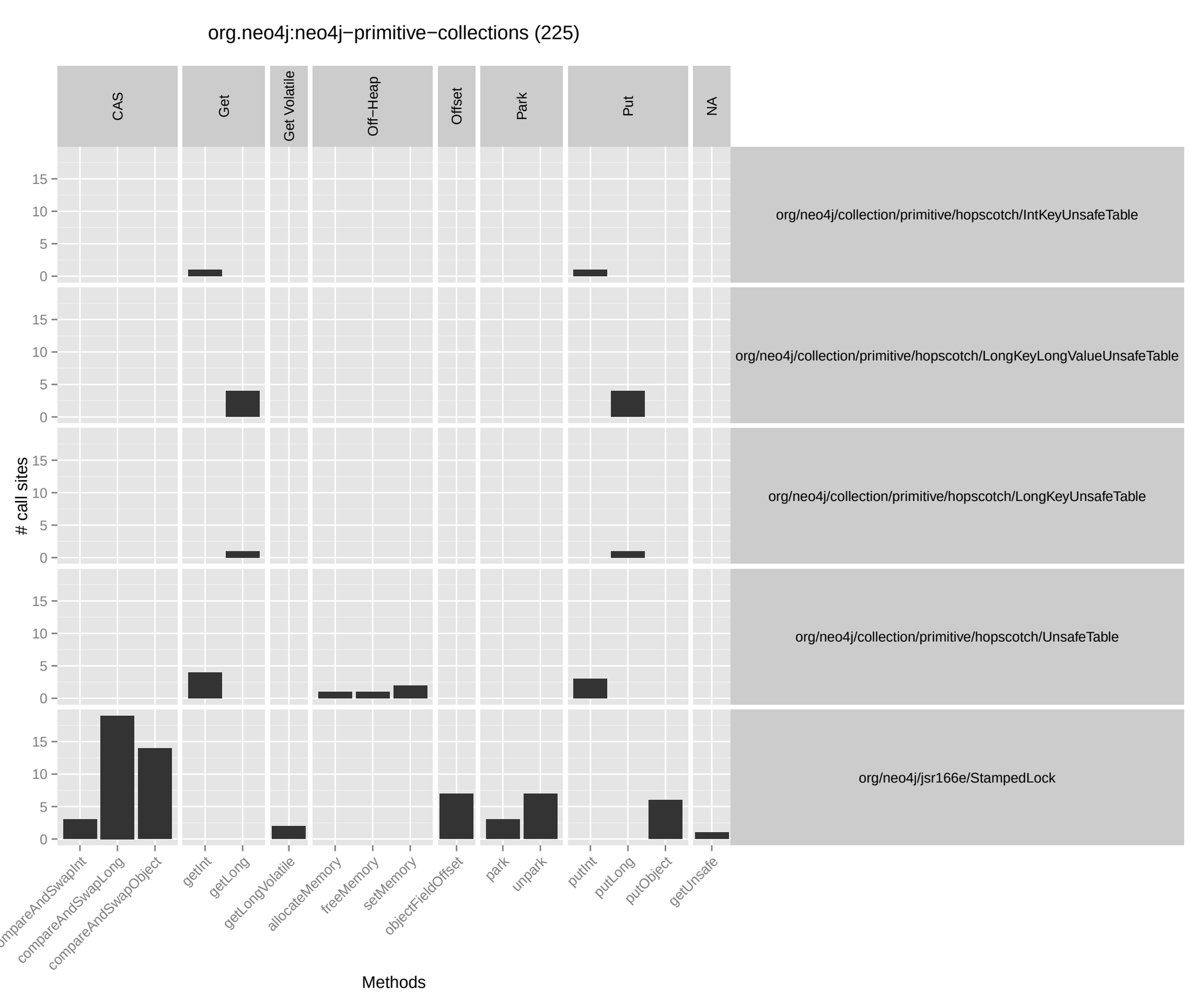

org.glassfish.jersey.bundles.repackaged:jersey−guava (260)
CAS
Offset
NA
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

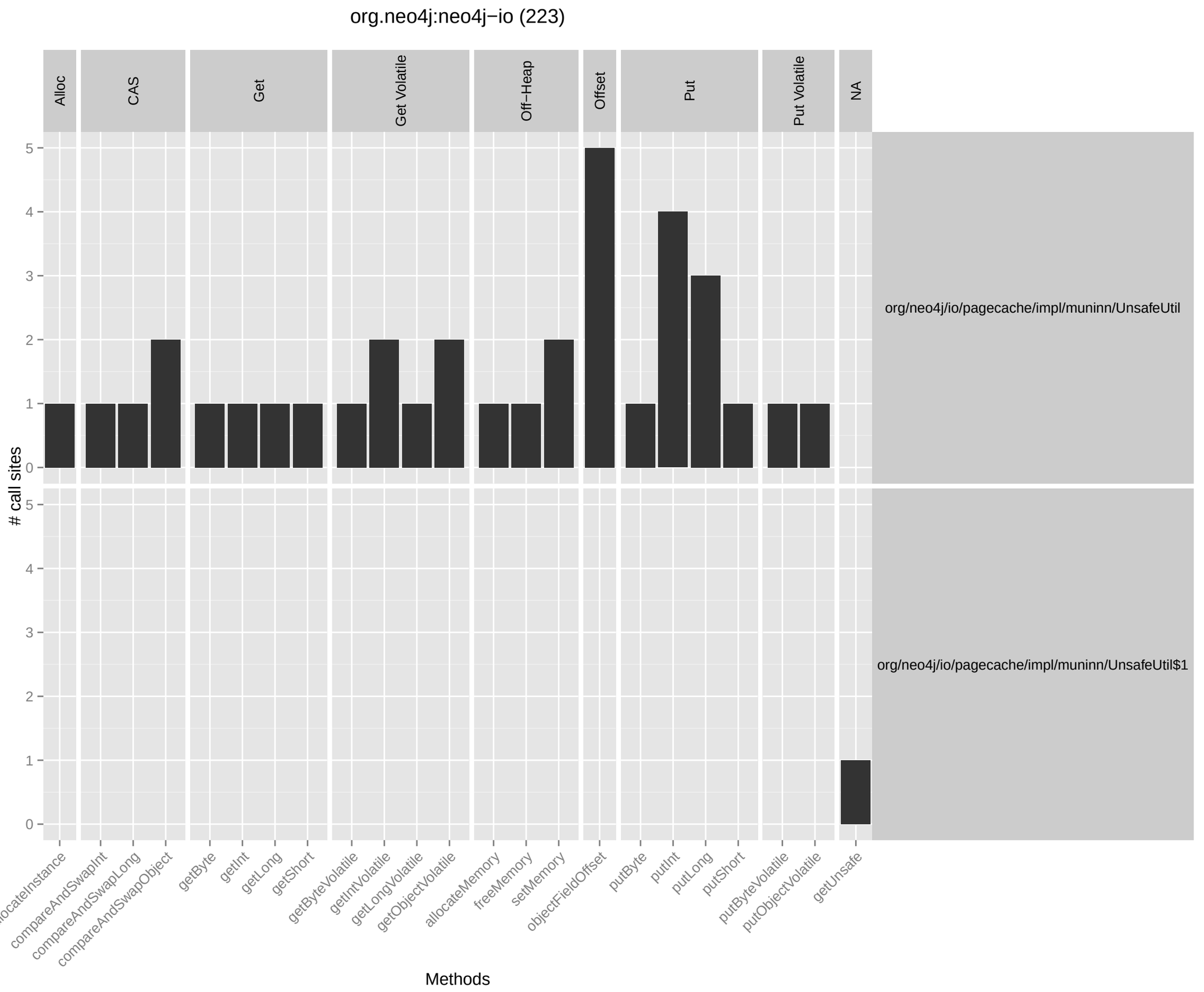

org.glassfish.jersey.core:jersey−common (259)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

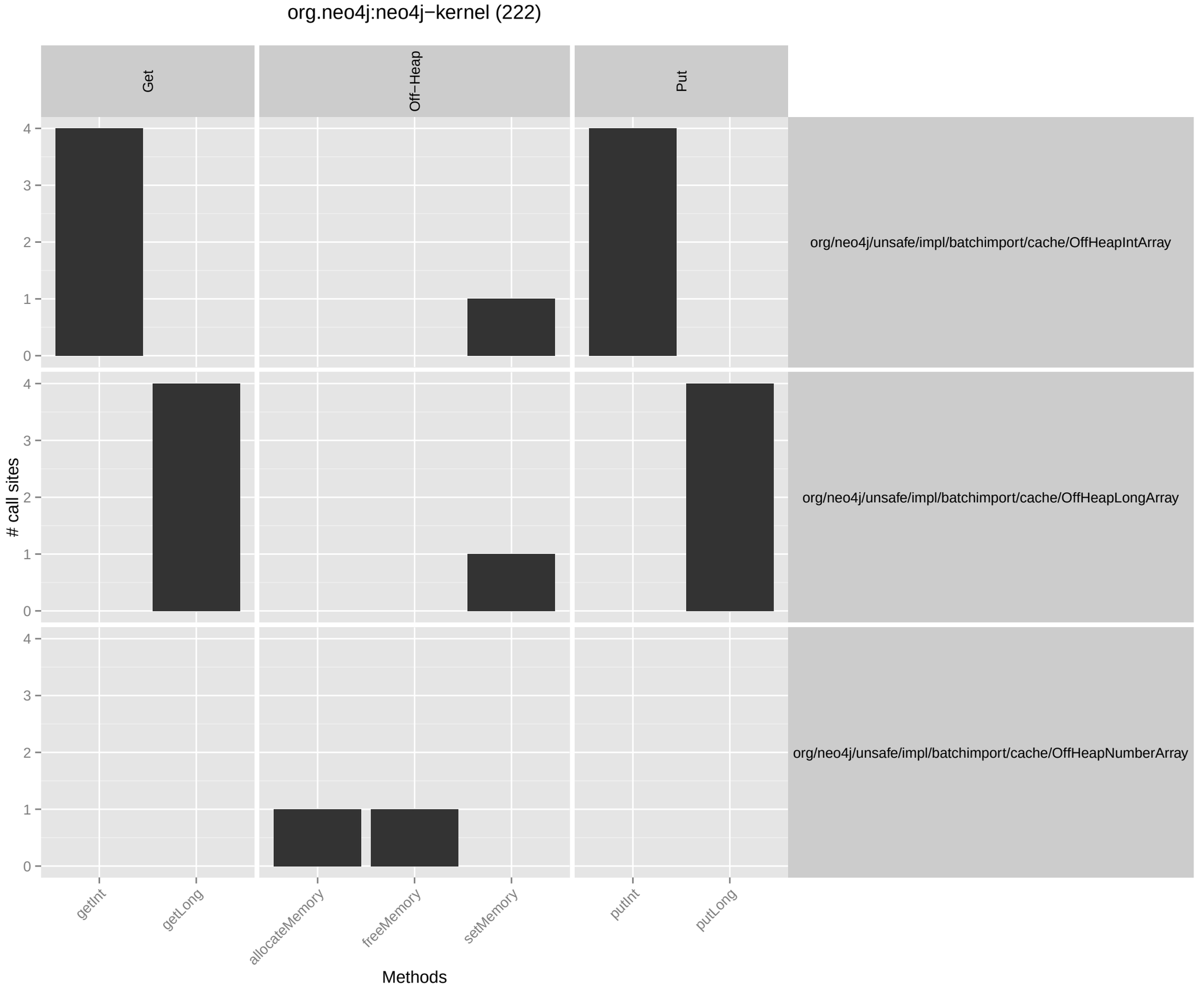

net.jpountz.lz4:lz4 (256)
Array
Get
Put
net/jpountz/util/UnsafeUtils
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
putByte
putInt
putLong
putShort
Methods

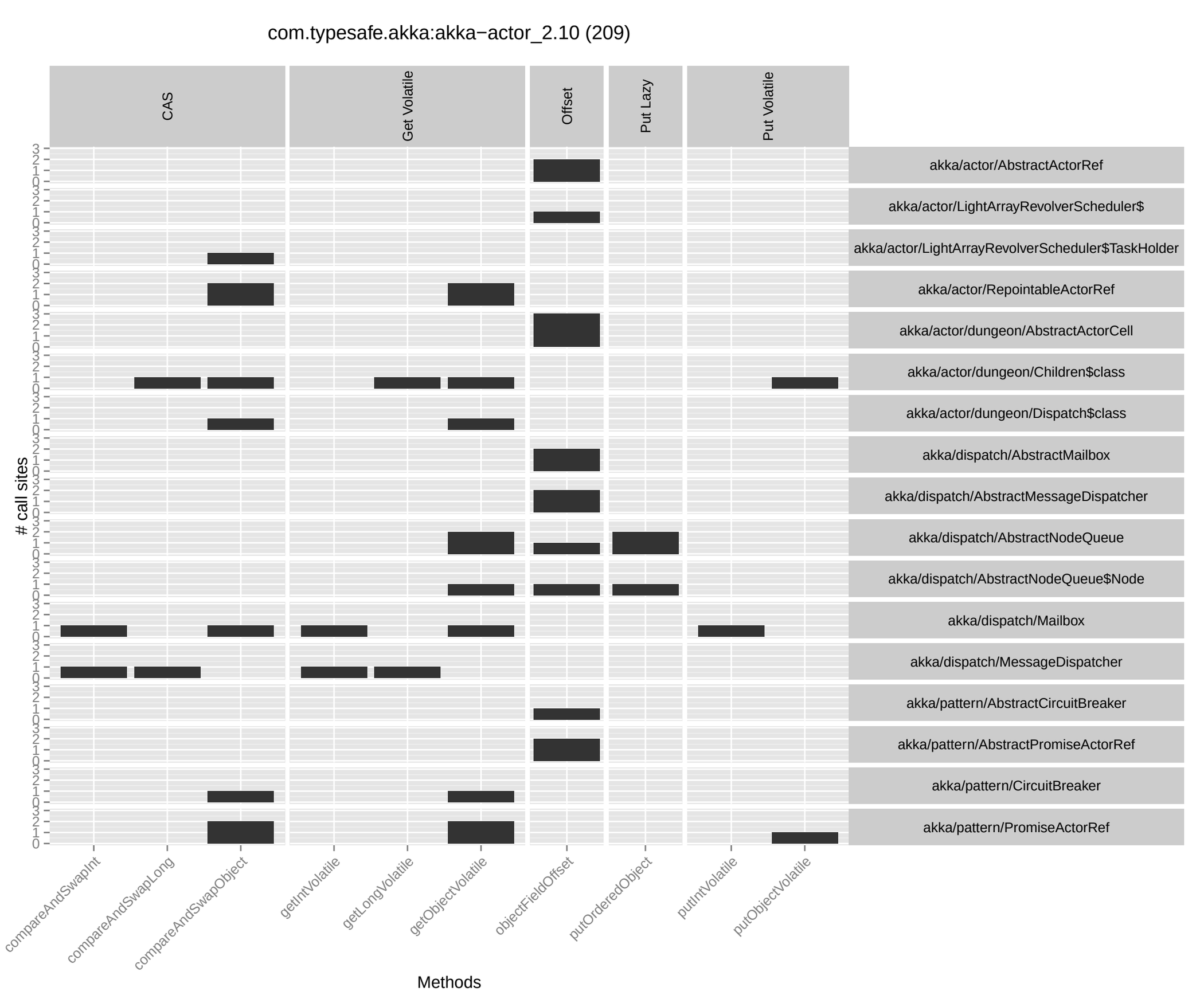

com.esotericsoftware.kryo:kryo (233)
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

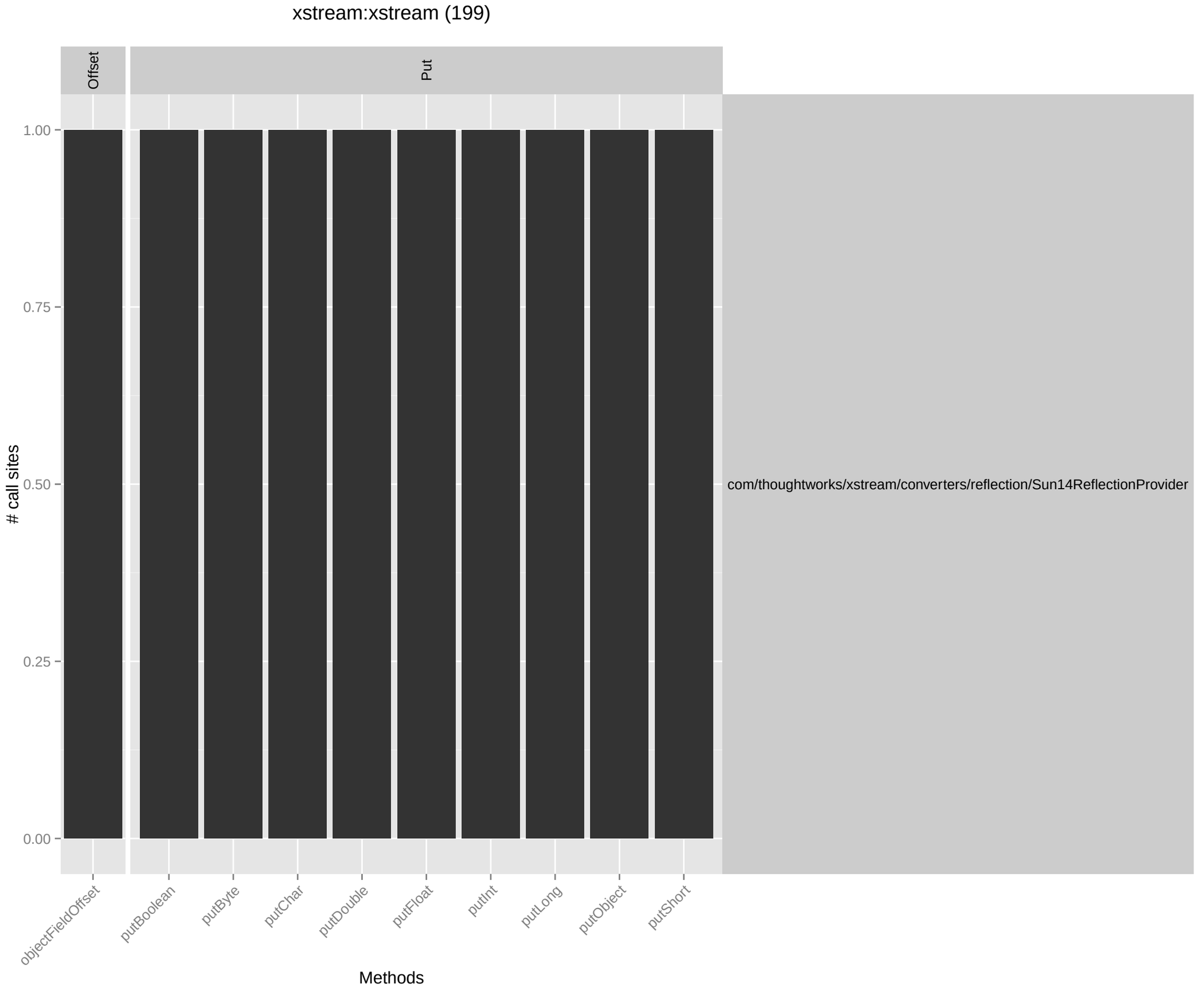

com.google.gwt:gwt−servlet (226)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

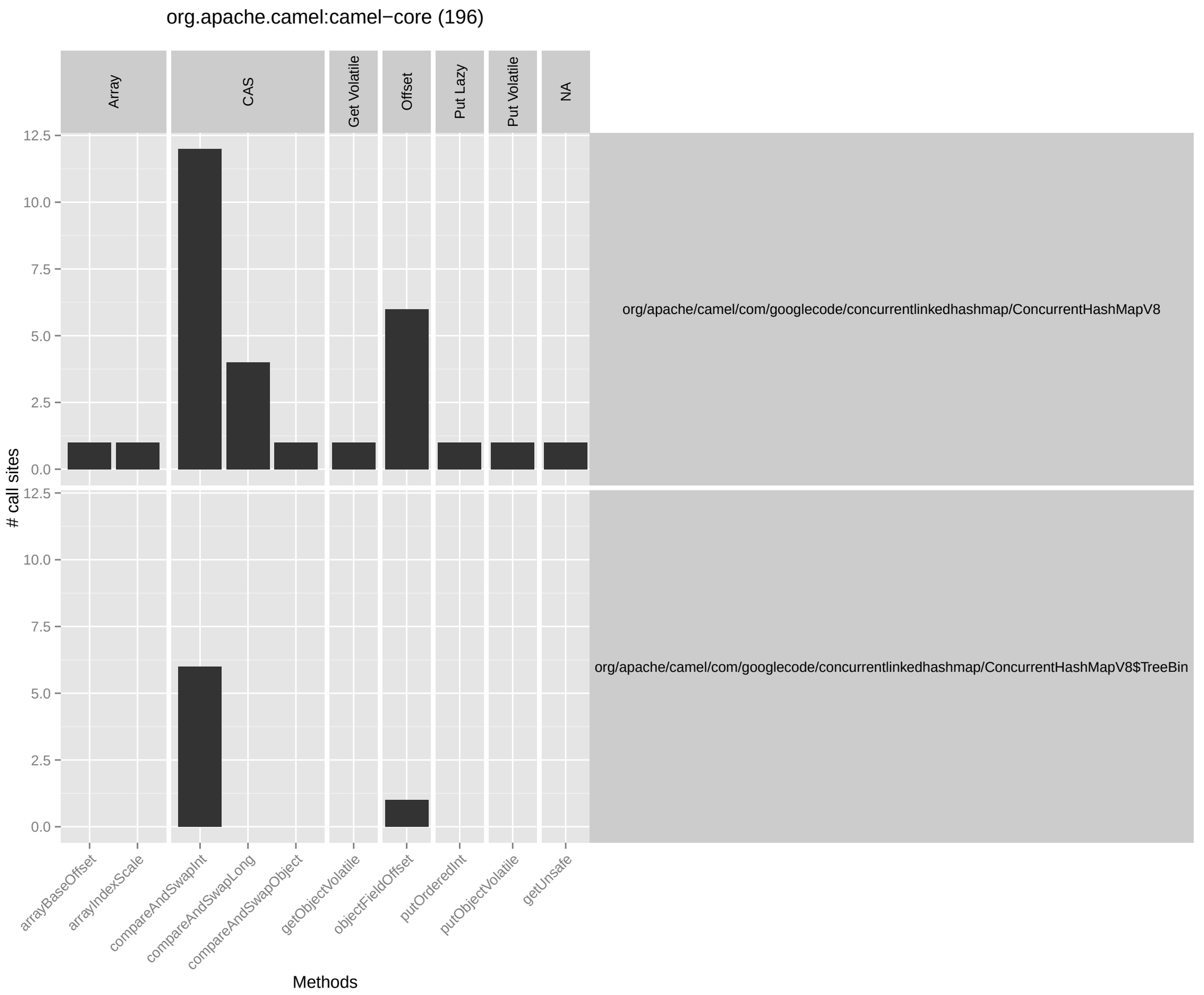

org.neo4j:neo4j−primitive−collections (225)
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
NA
org/neo4j/collection/primitive/hopscotch/IntKeyUnsafeTable
org/neo4j/collection/primitive/hopscotch/LongKeyLongValueUnsafeTable
org/neo4j/collection/primitive/hopscotch/LongKeyUnsafeTable
org/neo4j/collection/primitive/hopscotch/UnsafeTable
org/neo4j/jsr166e/StampedLock
call sites
0
5
10
15
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getInt
getLong
getLongVolatile
allocateMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putInt
putLong
putObject
getUnsafe
Methods

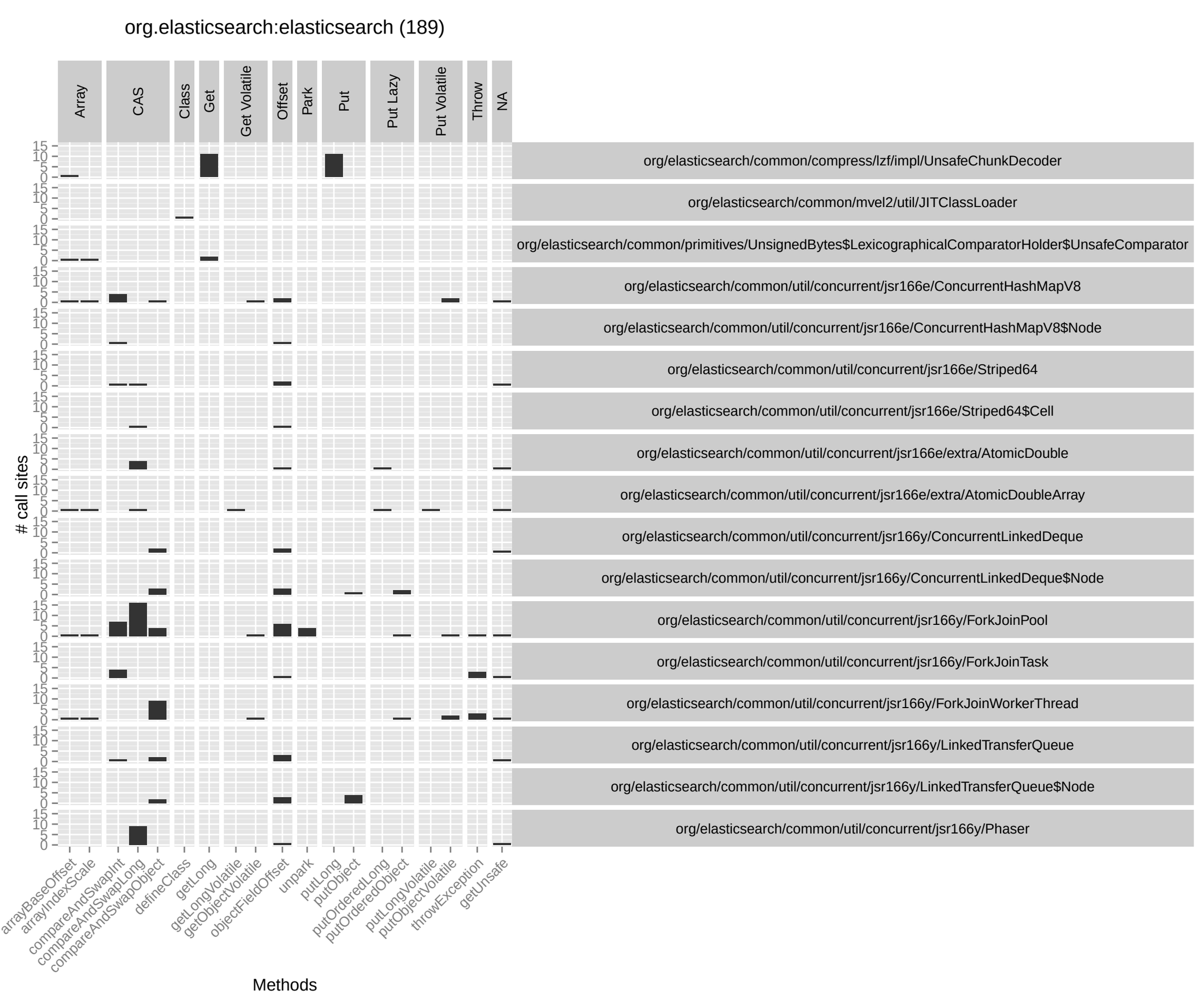

org.neo4j:neo4j−io (223)
Alloc
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
NA
org/neo4j/io/pagecache/impl/muninn/UnsafeUtil
org/neo4j/io/pagecache/impl/muninn/UnsafeUtil$1
call sites
0
1
2
3
4
5
allocateInstance
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
allocateMemory
freeMemory
setMemory
objectFieldOffset
putByte
putInt
putLong
putShort
putByteVolatile
putObjectVolatile
getUnsafe
Methods

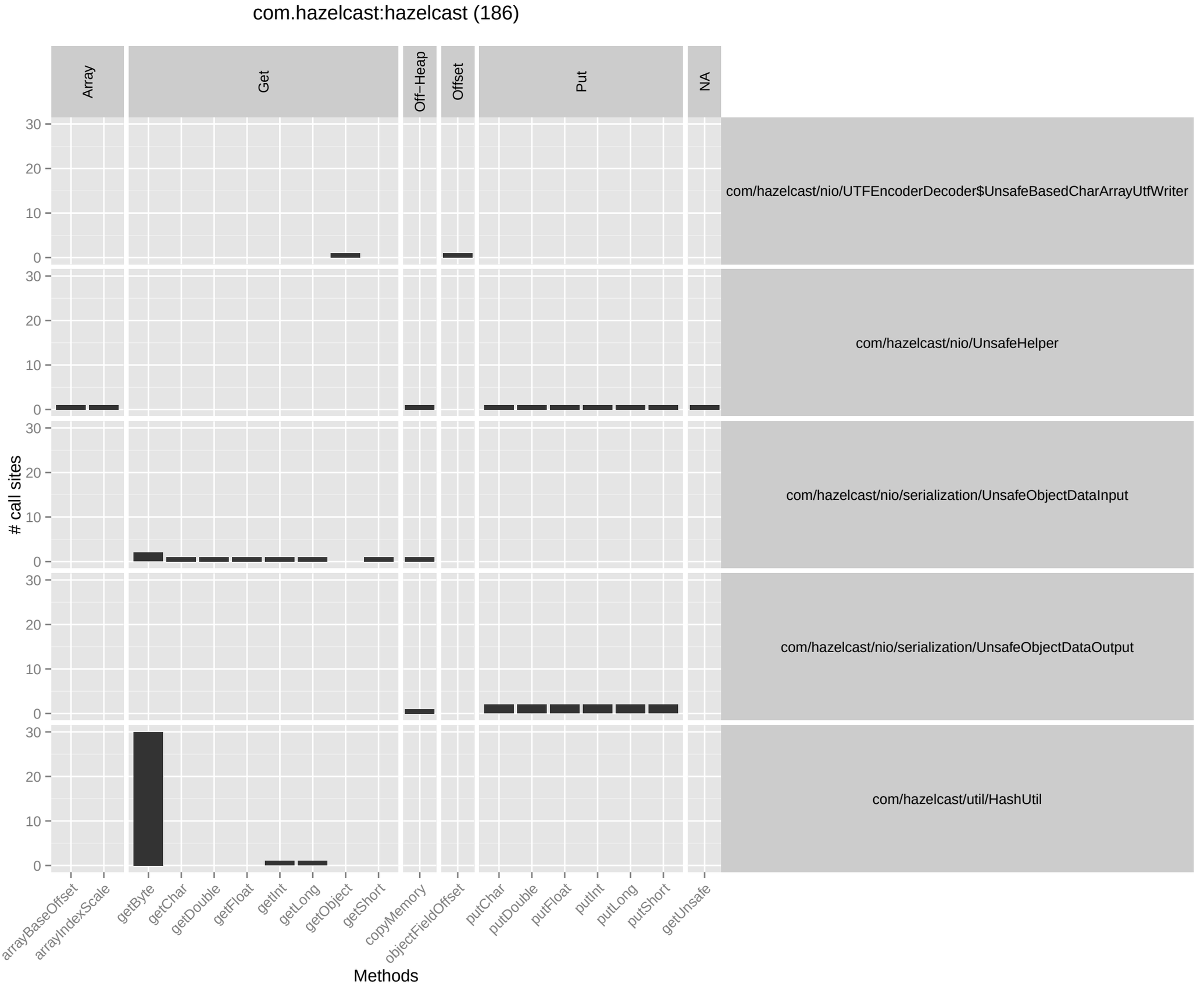

org.neo4j:neo4j−kernel (222)
Get
Off−Heap
Put
org/neo4j/unsafe/impl/batchimport/cache/OffHeapIntArray
org/neo4j/unsafe/impl/batchimport/cache/OffHeapLongArray
org/neo4j/unsafe/impl/batchimport/cache/OffHeapNumberArray
call sites
0
1
2
3
4
getInt
getLong
allocateMemory
freeMemory
setMemory
putInt
putLong
Methods

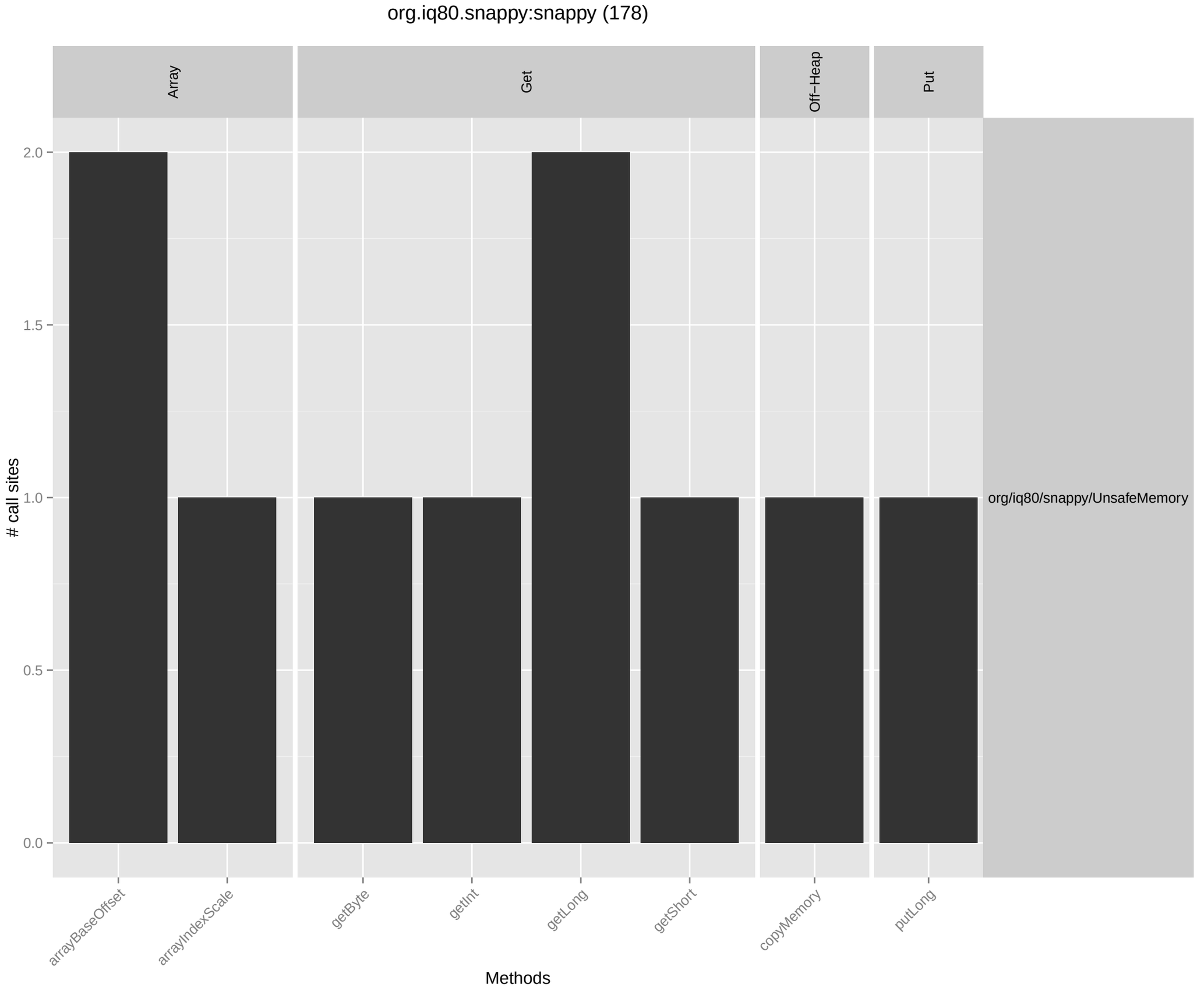

com.typesafe.akka:akka−actor_2.10 (209)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

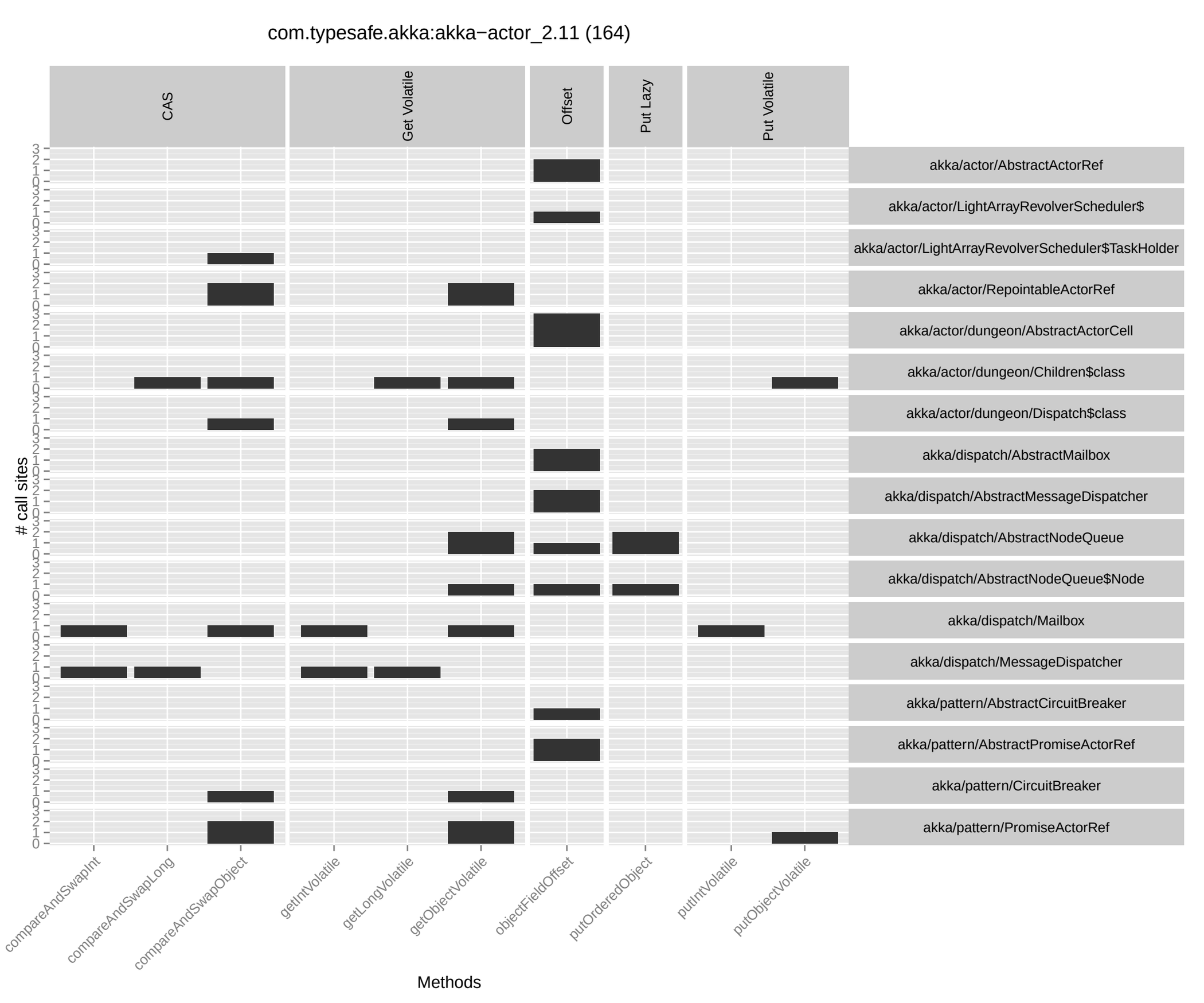

xstream:xstream (199)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

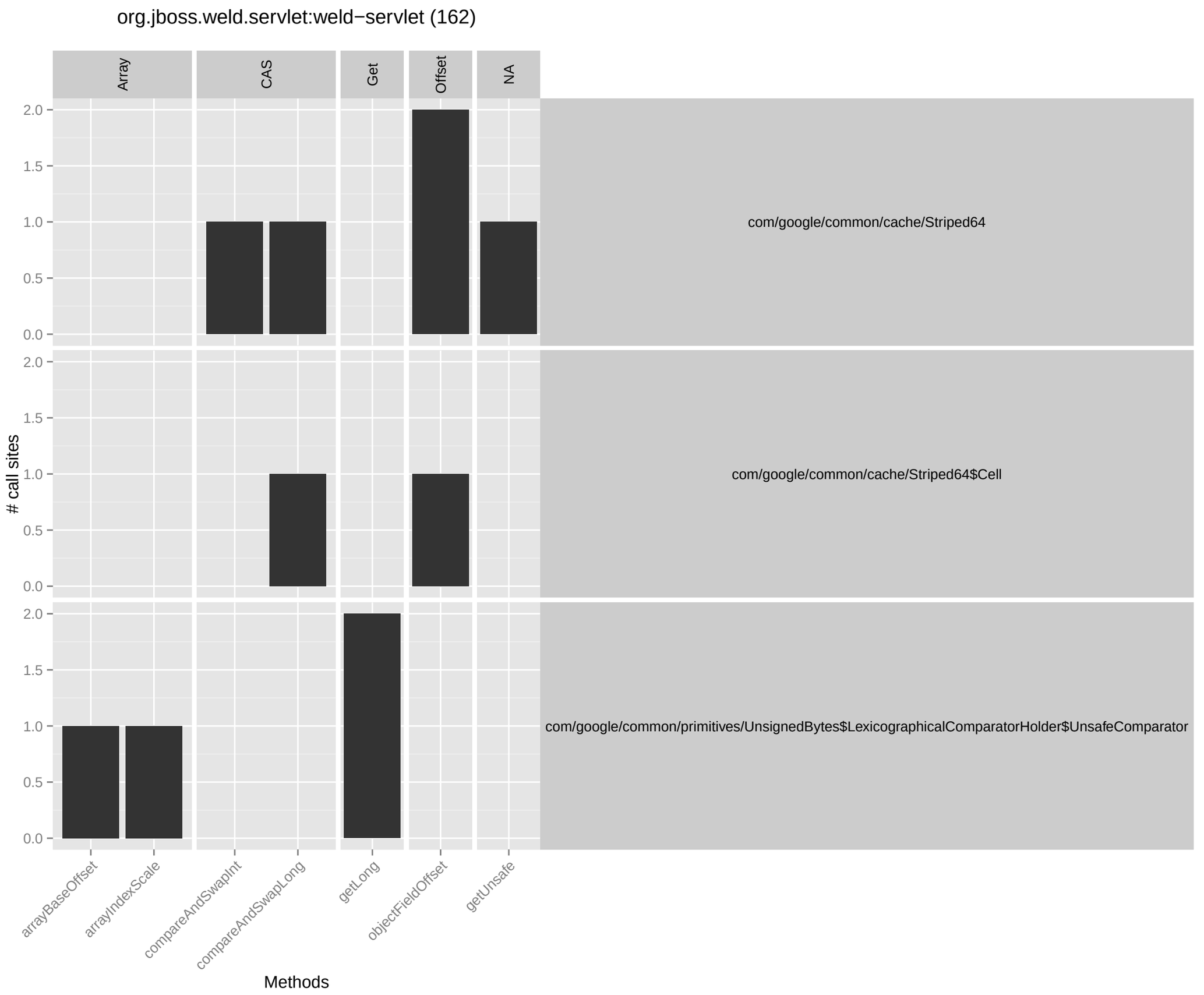

org.apache.camel:camel−core (196)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

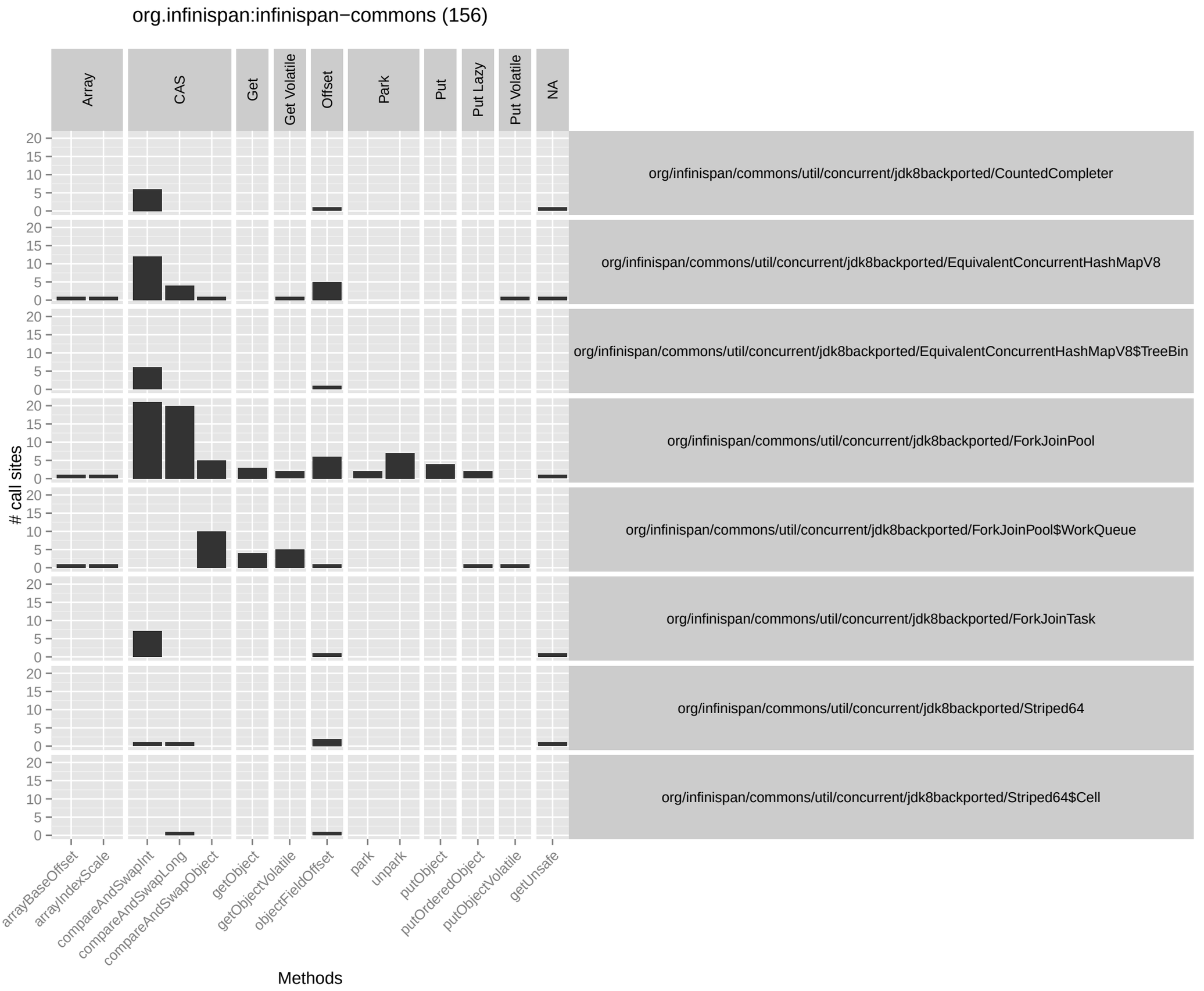

org.elasticsearch:elasticsearch (189)
Array
CAS
Class
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/mvel2/util/JITClassLoader
org/elasticsearch/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$Node
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDouble
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDoubleArray
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque$Node
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinWorkerThread
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue$Node
org/elasticsearch/common/util/concurrent/jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
defineClass
getLong
getLongVolatile
getObjectVolatile
objectFieldOffset
unpark
putLong
putObject
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

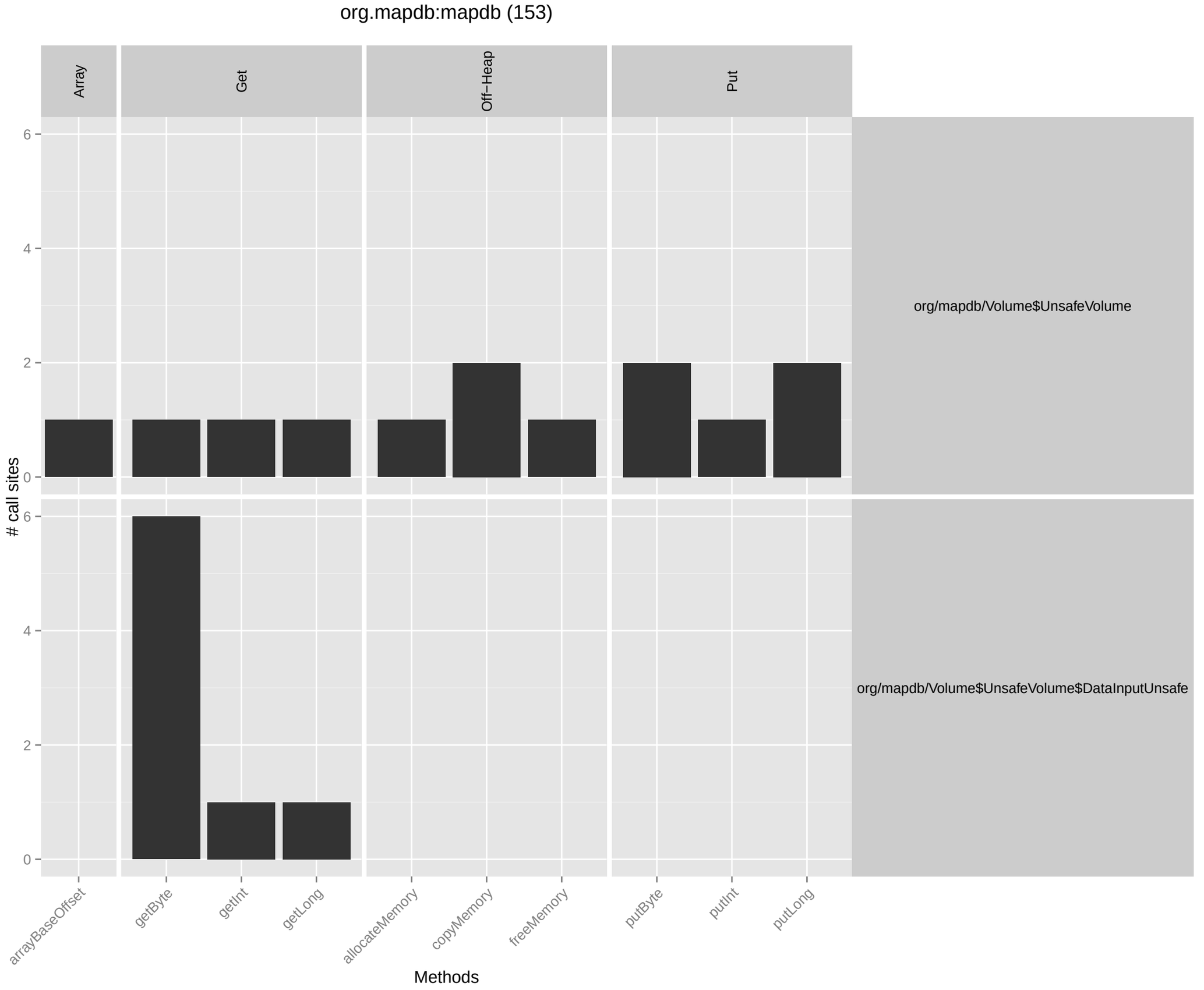

com.hazelcast:hazelcast (186)
Array
Get
Off−Heap
Offset
Put
NA
com/hazelcast/nio/UTFEncoderDecoder$UnsafeBasedCharArrayUtfWriter
com/hazelcast/nio/UnsafeHelper
com/hazelcast/nio/serialization/UnsafeObjectDataInput
com/hazelcast/nio/serialization/UnsafeObjectDataOutput
com/hazelcast/util/HashUtil
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putChar
putDouble
putFloat
putInt
putLong
putShort
getUnsafe
Methods

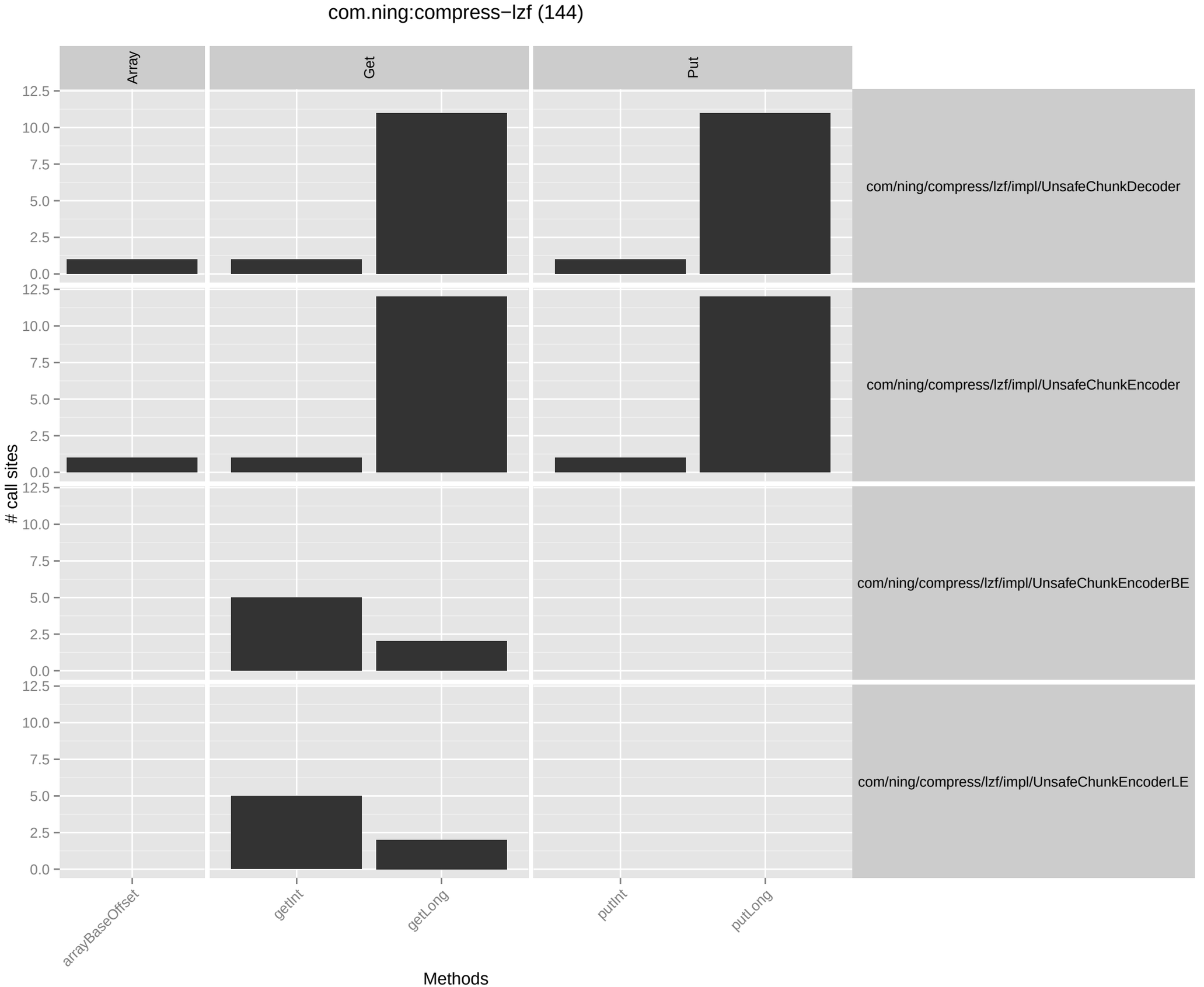

org.iq80.snappy:snappy (178)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

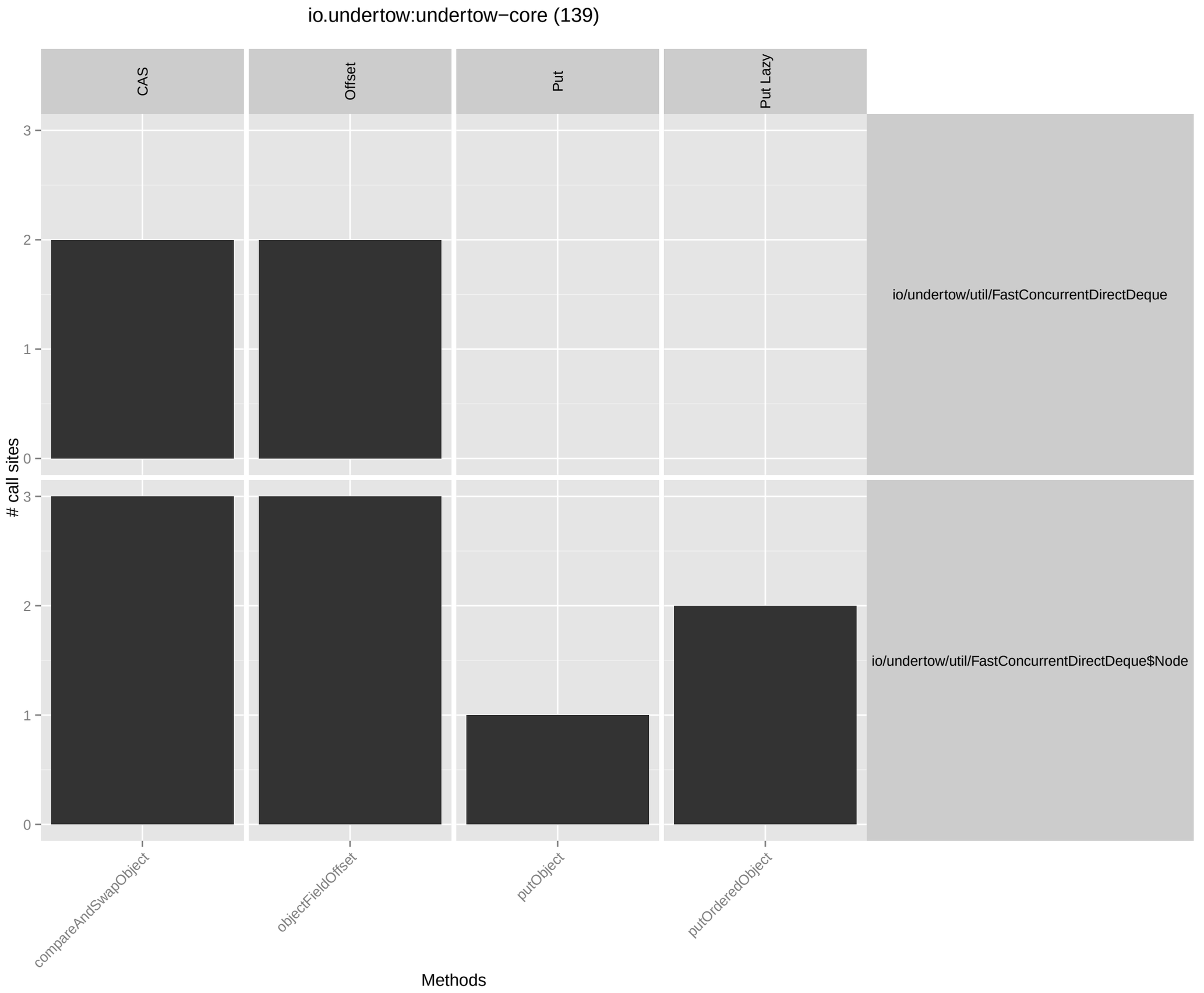

com.typesafe.akka:akka−actor_2.11 (164)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

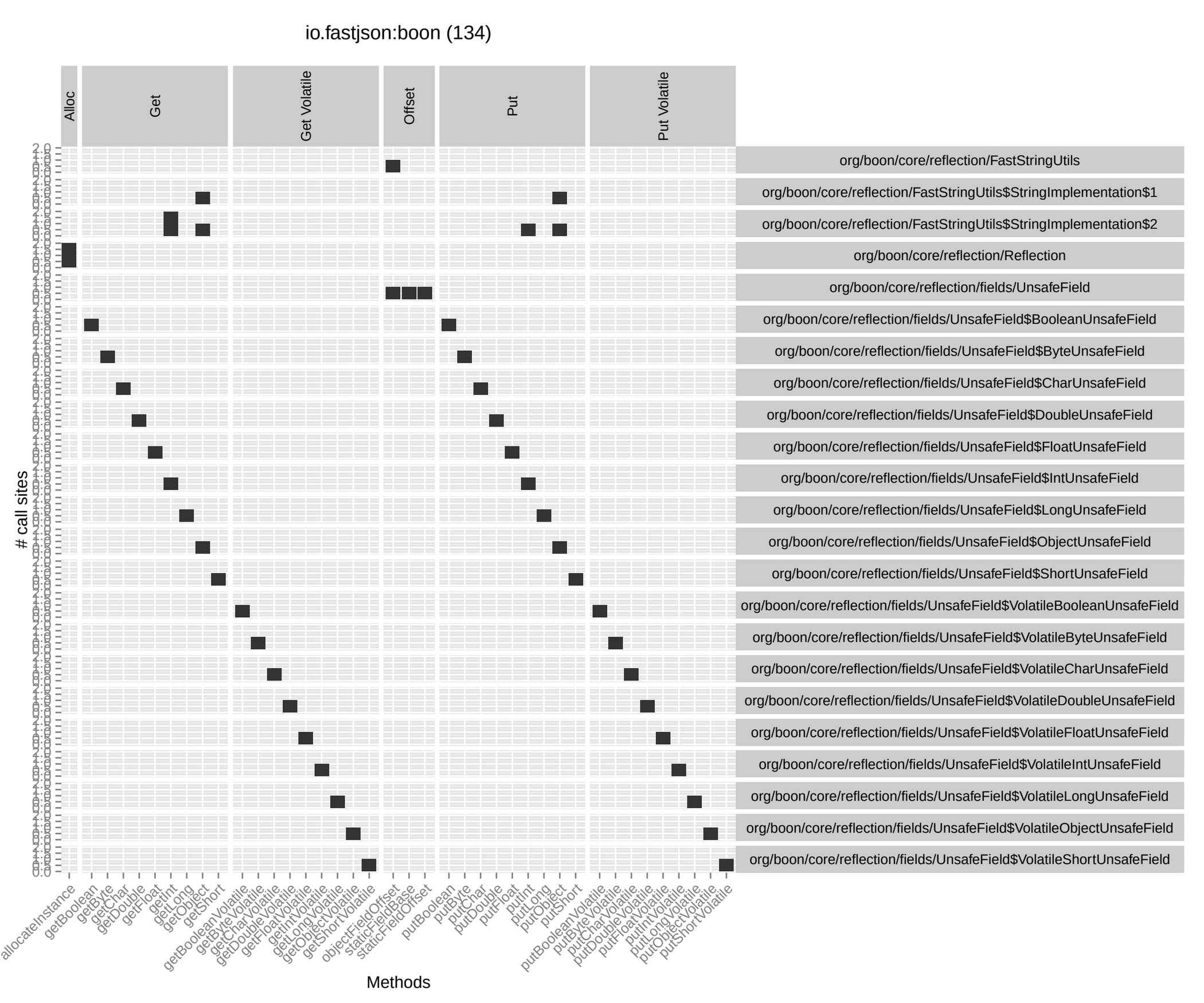

org.jboss.weld.servlet:weld−servlet (162)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

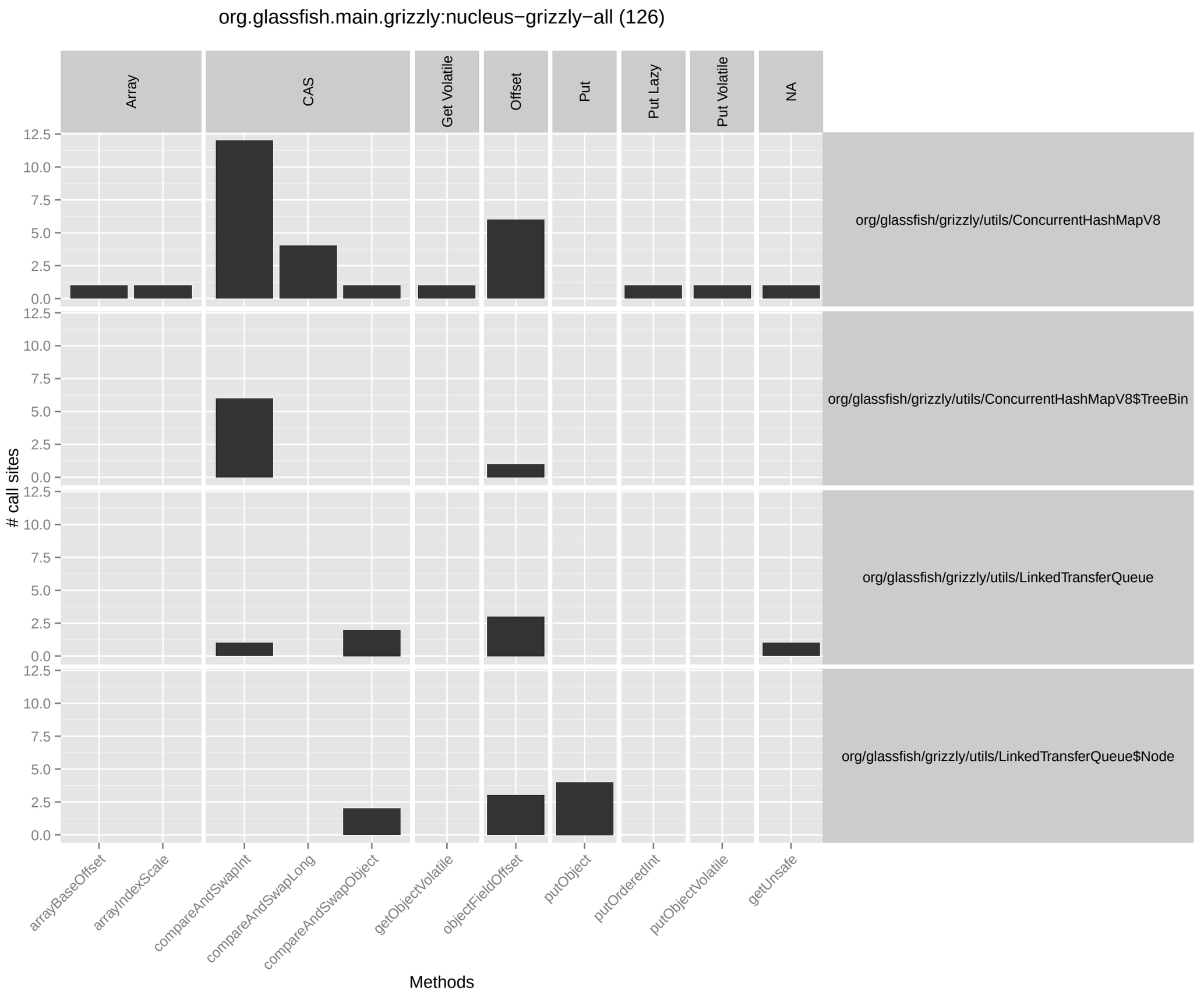

org.infinispan:infinispan−commons (156)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

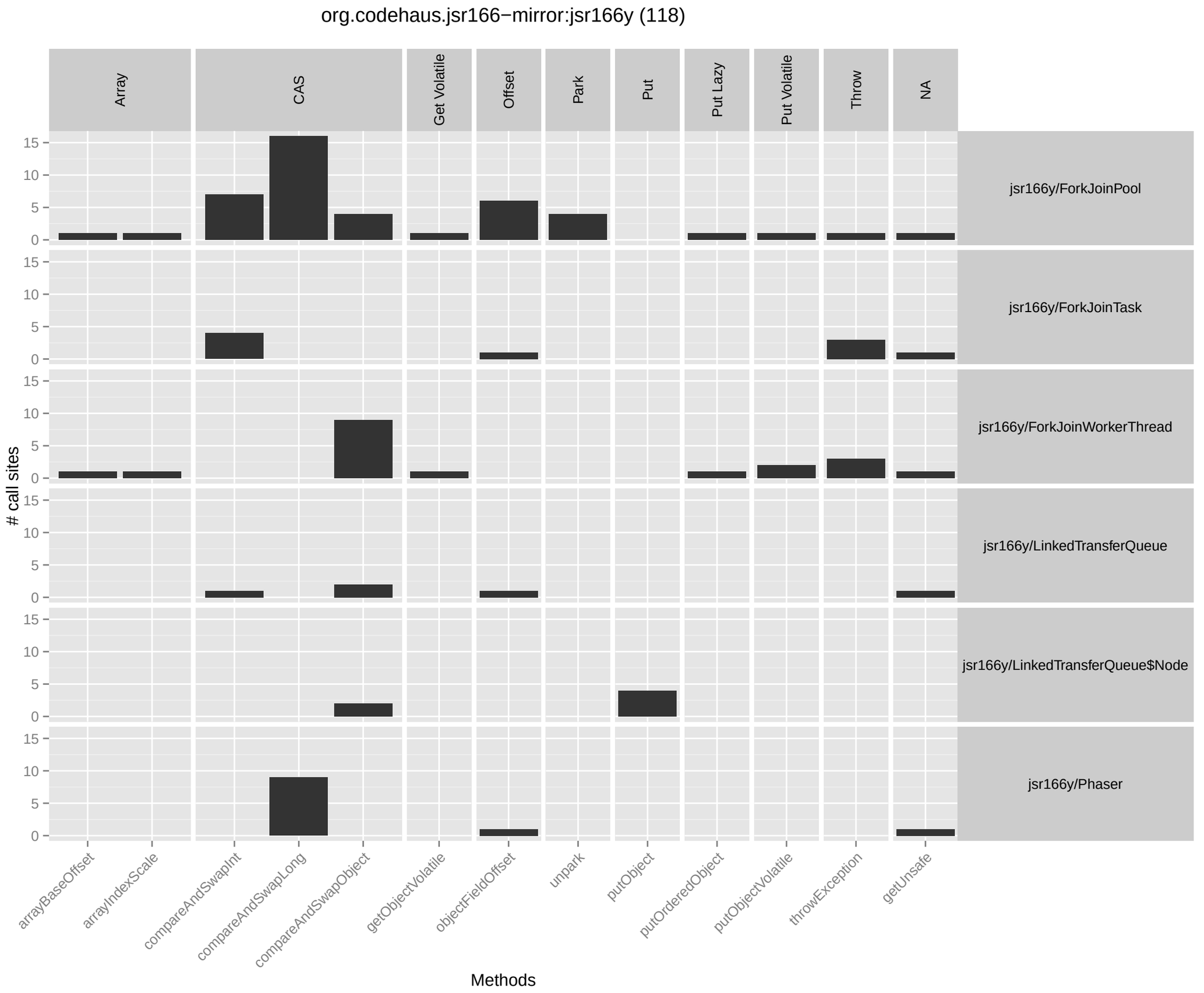

org.mapdb:mapdb (153)
Array
Get
Off−Heap
Put
org/mapdb/Volume$UnsafeVolume
org/mapdb/Volume$UnsafeVolume$DataInputUnsafe
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
Methods

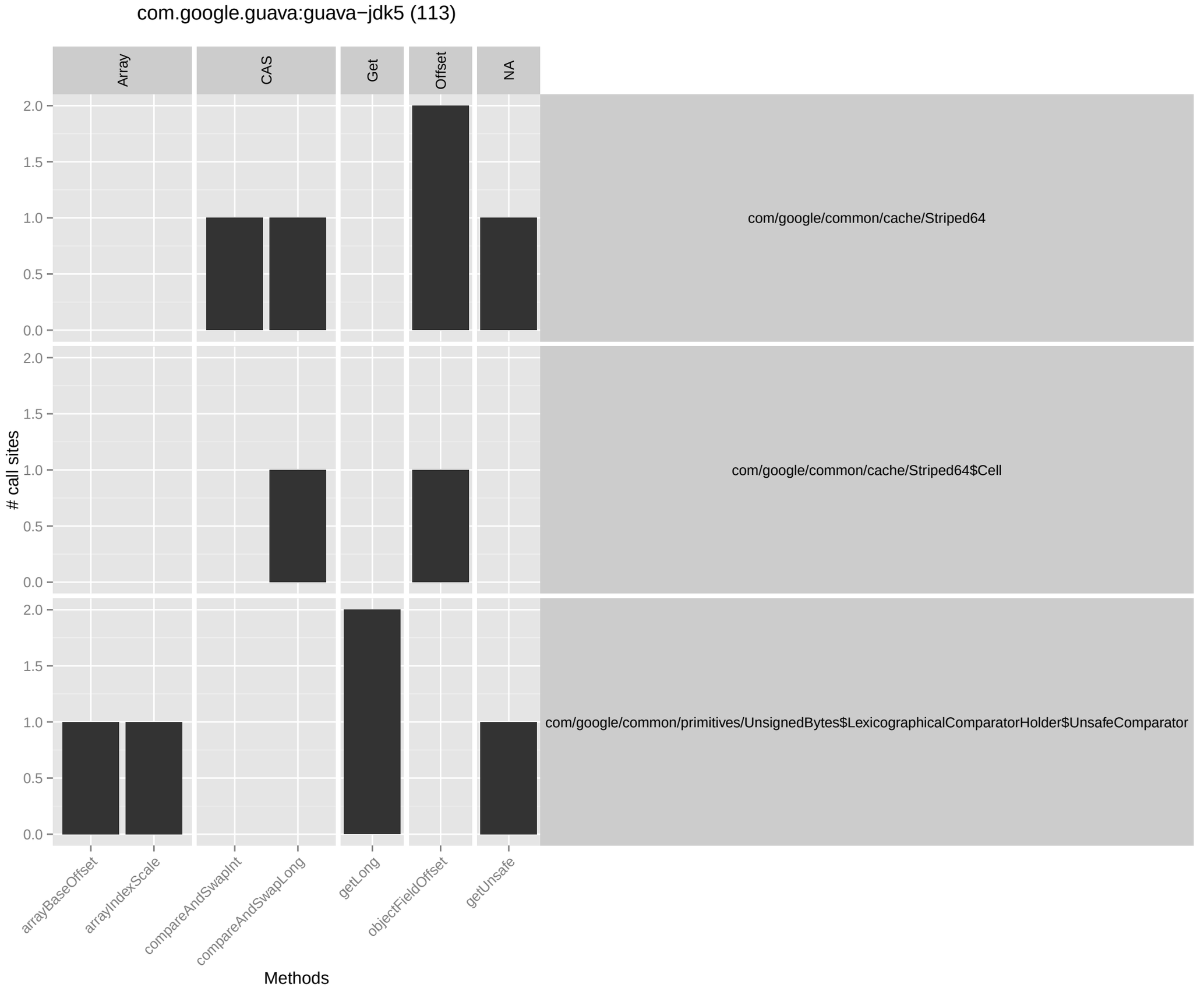

com.ning:compress−lzf (144)
Array
Get
Put
com/ning/compress/lzf/impl/UnsafeChunkDecoder
com/ning/compress/lzf/impl/UnsafeChunkEncoder
com/ning/compress/lzf/impl/UnsafeChunkEncoderBE
com/ning/compress/lzf/impl/UnsafeChunkEncoderLE
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

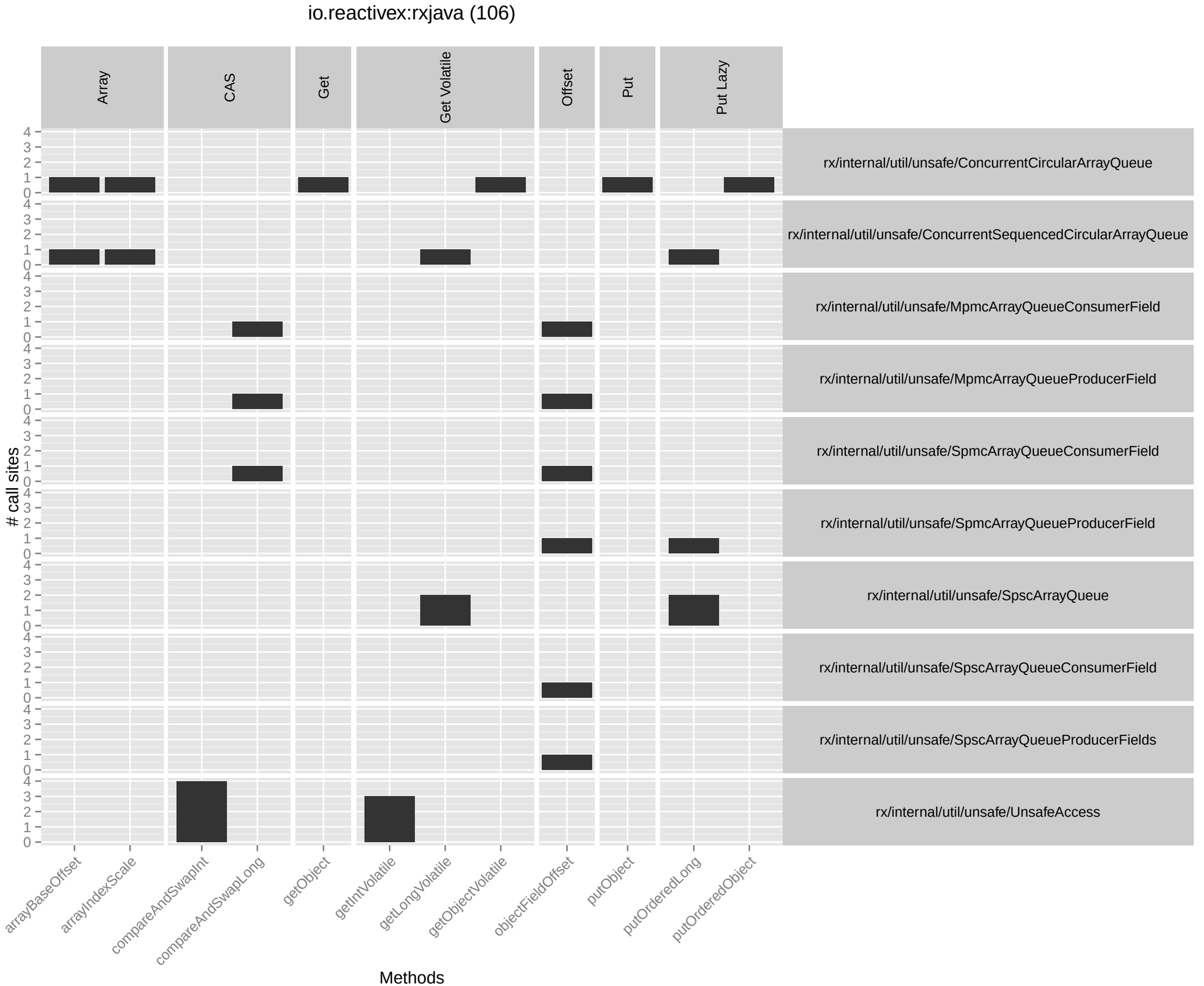

io.undertow:undertow−core (139)
CAS
Offset
Put
Put Lazy
io/undertow/util/FastConcurrentDirectDeque
io/undertow/util/FastConcurrentDirectDeque$Node
call sites
0
1
2
3
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
Methods

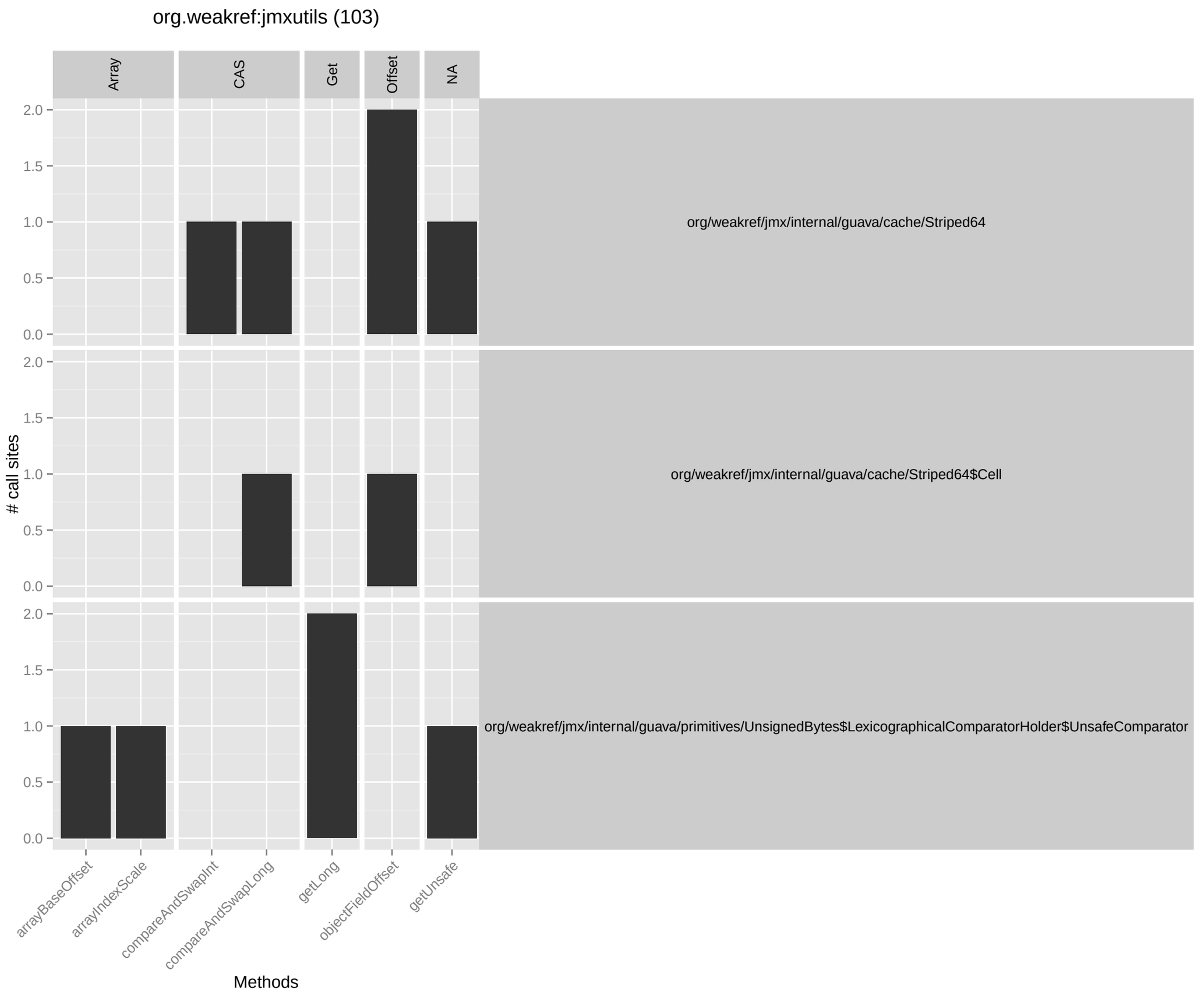

io.fastjson:boon (134)
Alloc
Get
Get Volatile
Offset
Put
Put Volatile
org/boon/core/reflection/FastStringUtils
org/boon/core/reflection/FastStringUtils$StringImplementation$1
org/boon/core/reflection/FastStringUtils$StringImplementation$2
org/boon/core/reflection/Reflection
org/boon/core/reflection/fields/UnsafeField
org/boon/core/reflection/fields/UnsafeField$BooleanUnsafeField
org/boon/core/reflection/fields/UnsafeField$ByteUnsafeField
org/boon/core/reflection/fields/UnsafeField$CharUnsafeField
org/boon/core/reflection/fields/UnsafeField$DoubleUnsafeField
org/boon/core/reflection/fields/UnsafeField$FloatUnsafeField
org/boon/core/reflection/fields/UnsafeField$IntUnsafeField
org/boon/core/reflection/fields/UnsafeField$LongUnsafeField
org/boon/core/reflection/fields/UnsafeField$ObjectUnsafeField
org/boon/core/reflection/fields/UnsafeField$ShortUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileBooleanUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileByteUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileCharUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileDoubleUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileFloatUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileIntUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileLongUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileObjectUnsafeField
org/boon/core/reflection/fields/UnsafeField$VolatileShortUnsafeField
call sites
Methods
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getBooleanVolatile
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putBooleanVolatile
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile

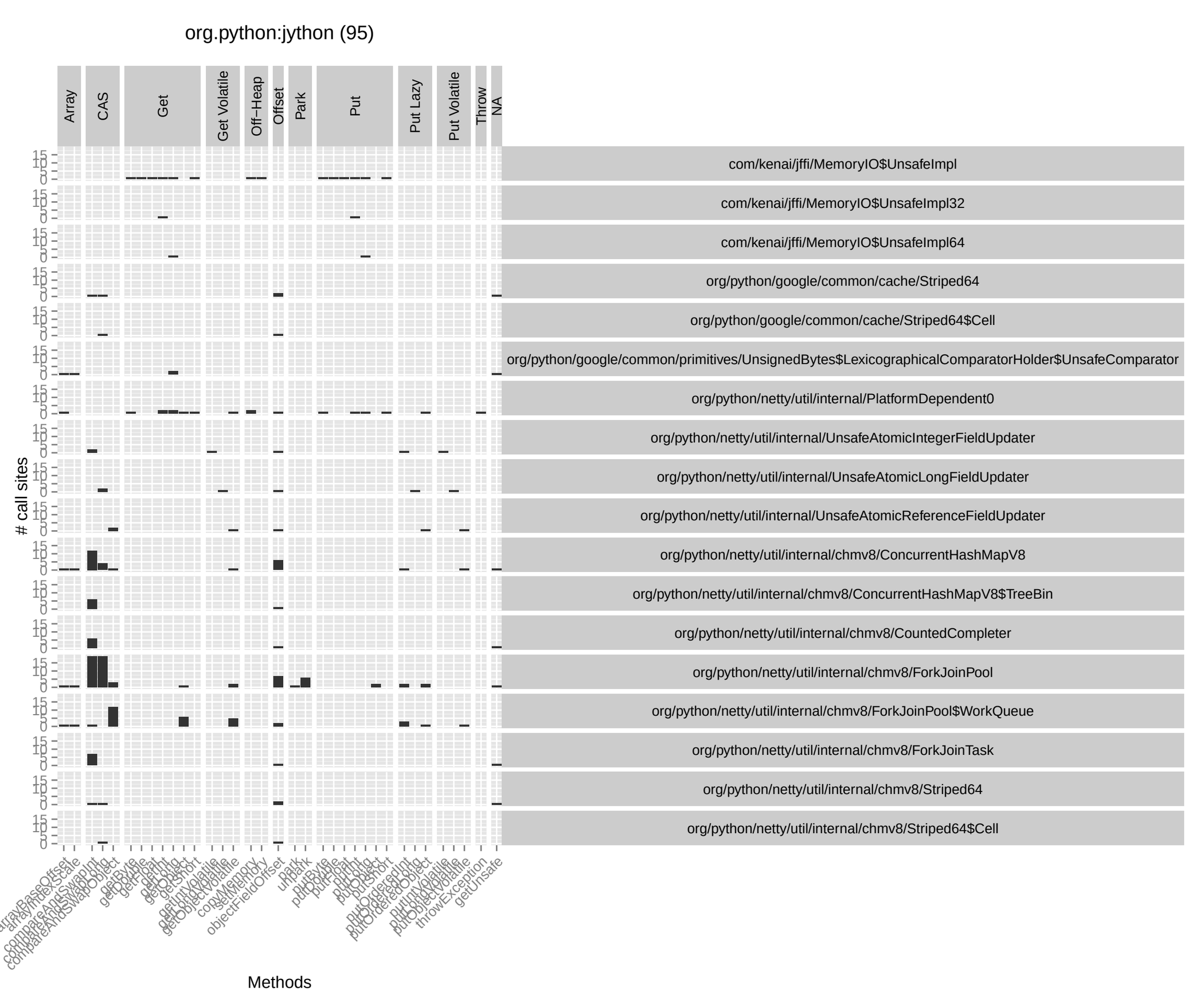

org.glassfish.main.grizzly:nucleus−grizzly−all (126)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

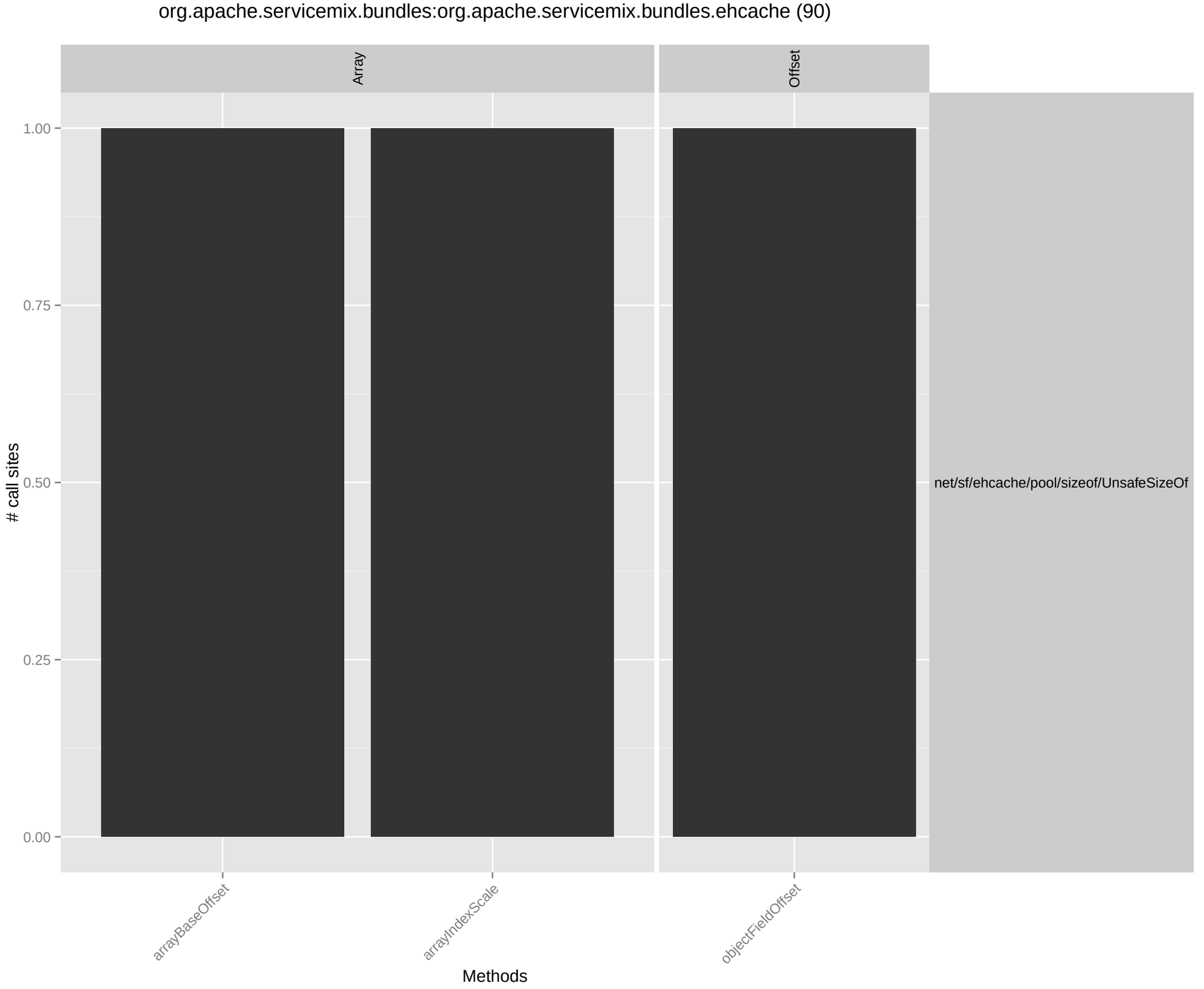

org.codehaus.jsr166−mirror:jsr166y (118)
Array
CAS
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
jsr166y/ForkJoinPool
jsr166y/ForkJoinTask
jsr166y/ForkJoinWorkerThread
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
unpark
putObject
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

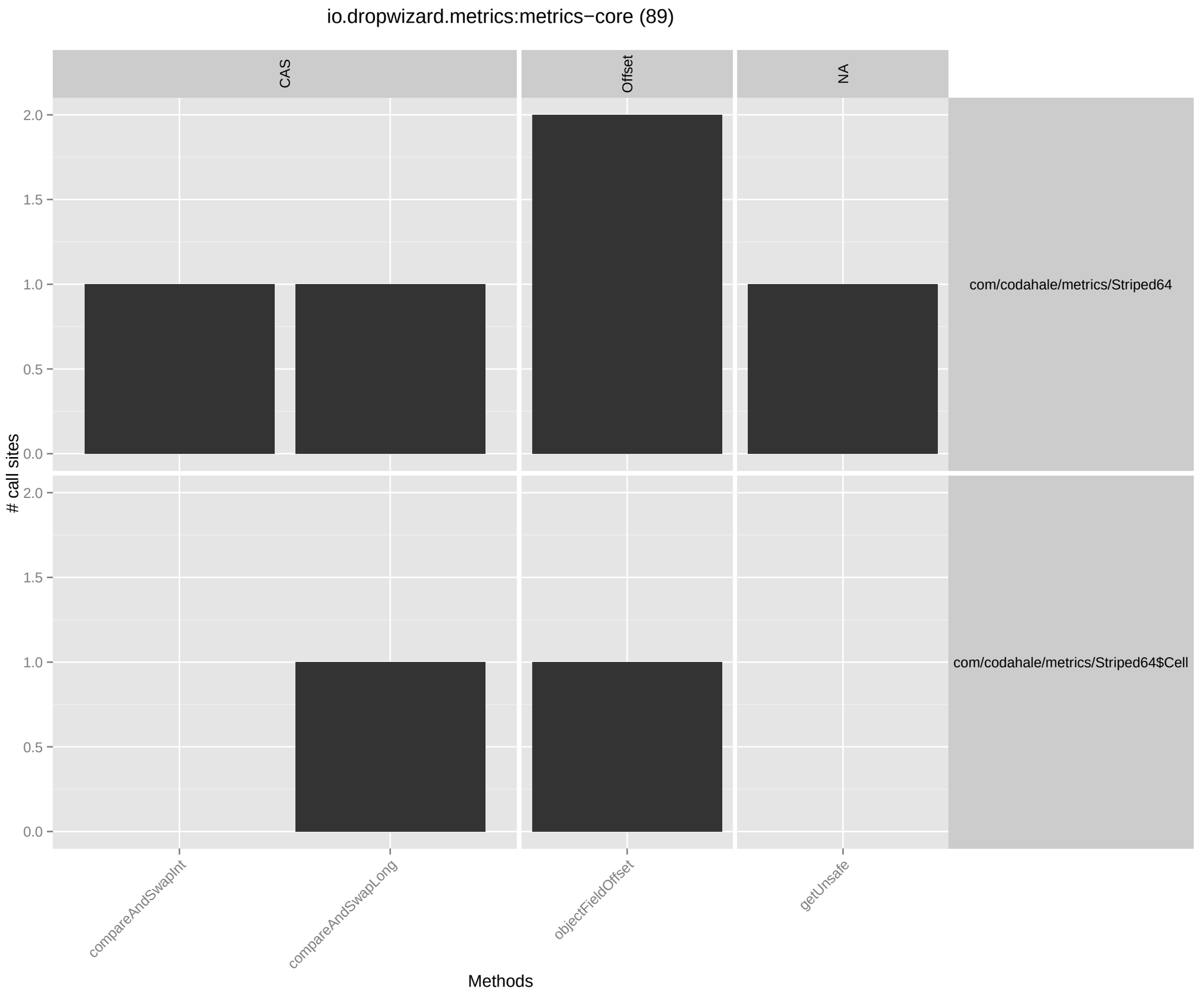

com.google.guava:guava−jdk5 (113)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

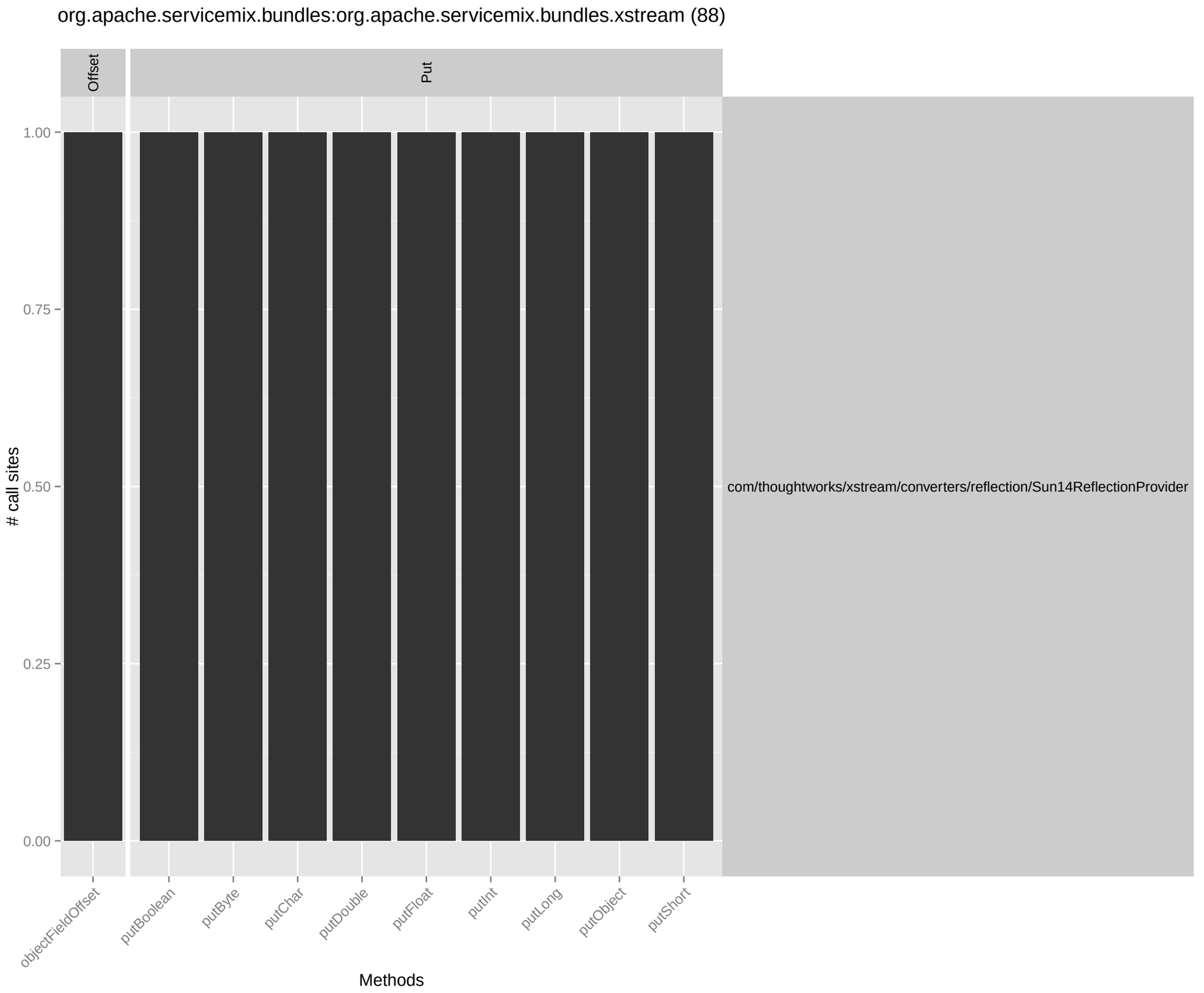

io.reactivex:rxjava (106)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
rx/internal/util/unsafe/ConcurrentCircularArrayQueue
rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue
rx/internal/util/unsafe/MpmcArrayQueueConsumerField
rx/internal/util/unsafe/MpmcArrayQueueProducerField
rx/internal/util/unsafe/SpmcArrayQueueConsumerField
rx/internal/util/unsafe/SpmcArrayQueueProducerField
rx/internal/util/unsafe/SpscArrayQueue
rx/internal/util/unsafe/SpscArrayQueueConsumerField
rx/internal/util/unsafe/SpscArrayQueueProducerFields
rx/internal/util/unsafe/UnsafeAccess
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

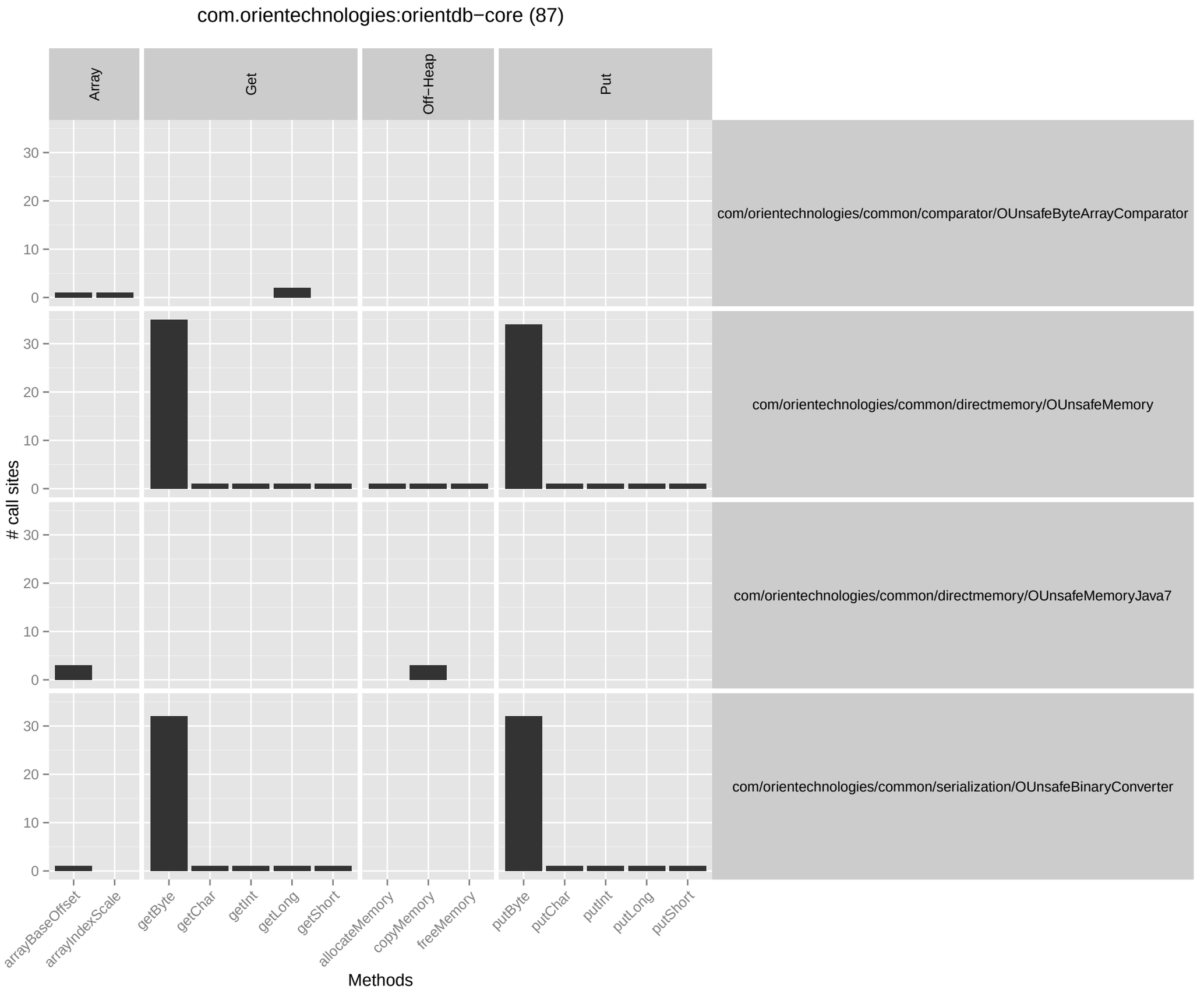

org.weakref:jmxutils (103)
Array
CAS
Get
Offset
NA
org/weakref/jmx/internal/guava/cache/Striped64
org/weakref/jmx/internal/guava/cache/Striped64$Cell
org/weakref/jmx/internal/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods


org.python:jython (95)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/python/google/common/cache/Striped64
org/python/google/common/cache/Striped64$Cell
org/python/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/python/netty/util/internal/PlatformDependent0
org/python/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
org/python/netty/util/internal/UnsafeAtomicLongFieldUpdater
org/python/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
org/python/netty/util/internal/chmv8/CountedCompleter
org/python/netty/util/internal/chmv8/ForkJoinPool
org/python/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
org/python/netty/util/internal/chmv8/ForkJoinTask
org/python/netty/util/internal/chmv8/Striped64
org/python/netty/util/internal/chmv8/Striped64$Cell
call sites
Methods

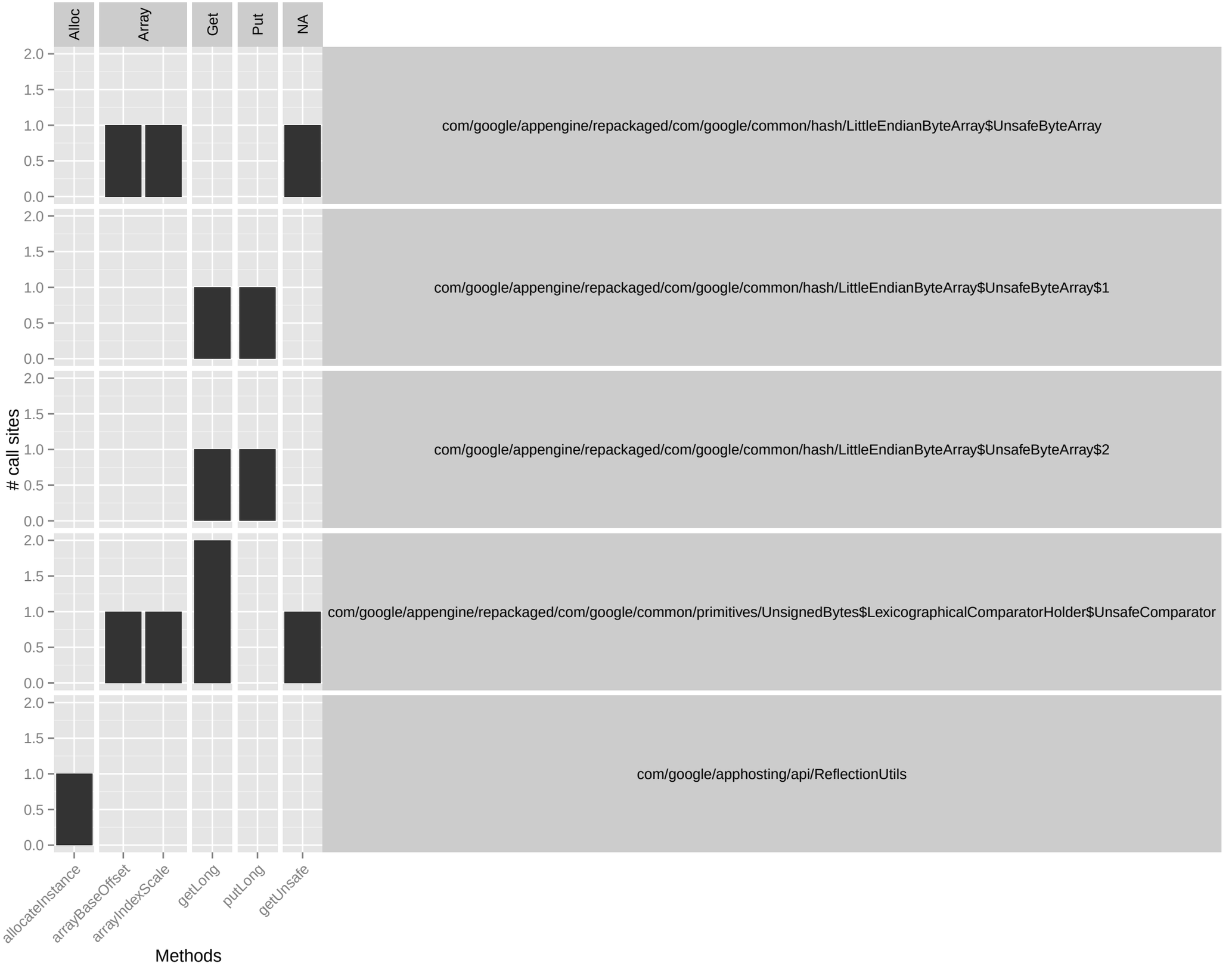

org.apache.servicemix.bundles:org.apache.servicemix.bundles.ehcache (90)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
1.00
0.75
0.50
0.25
0.00
call sites
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

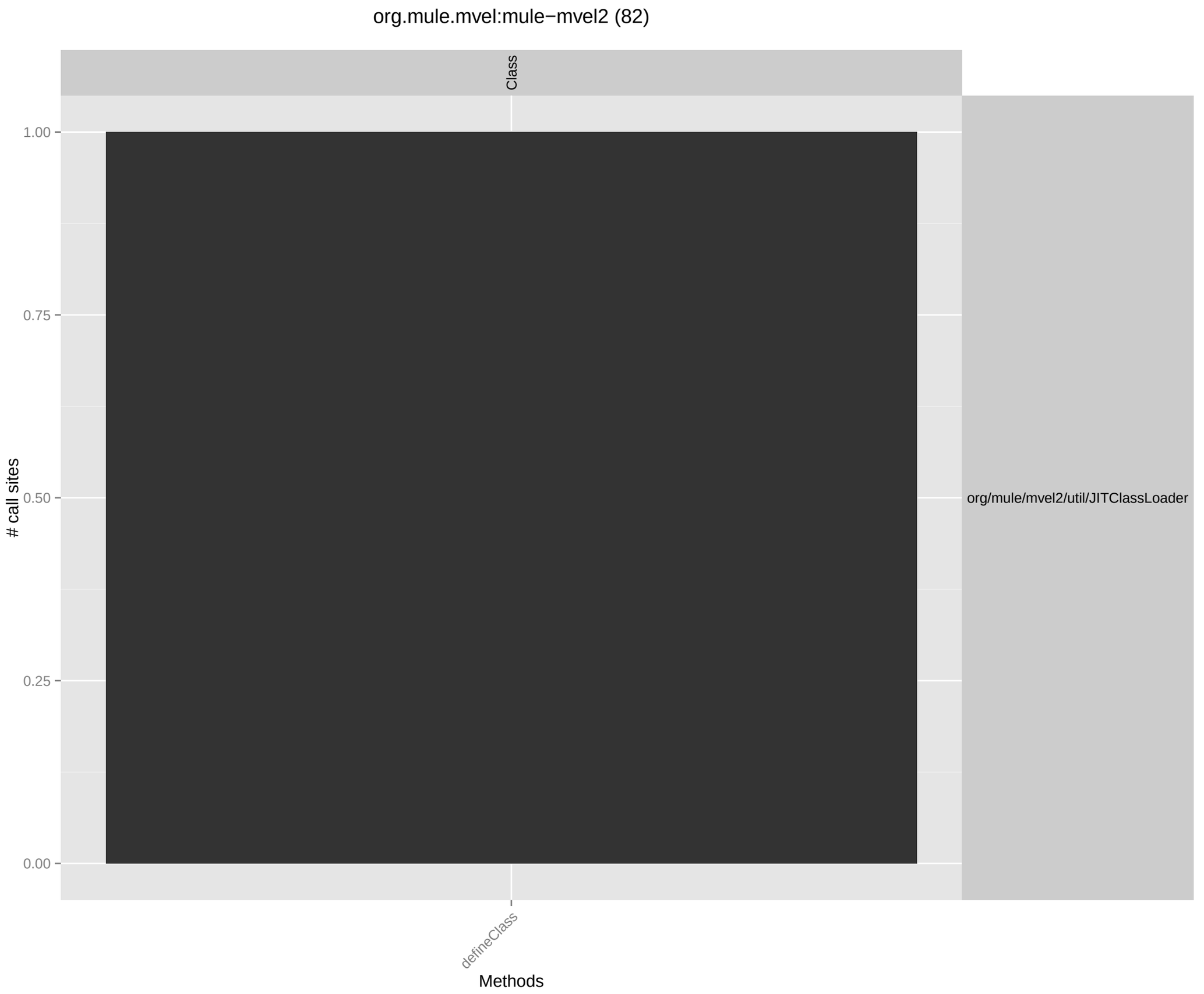

io.dropwizard.metrics:metrics−core (89)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

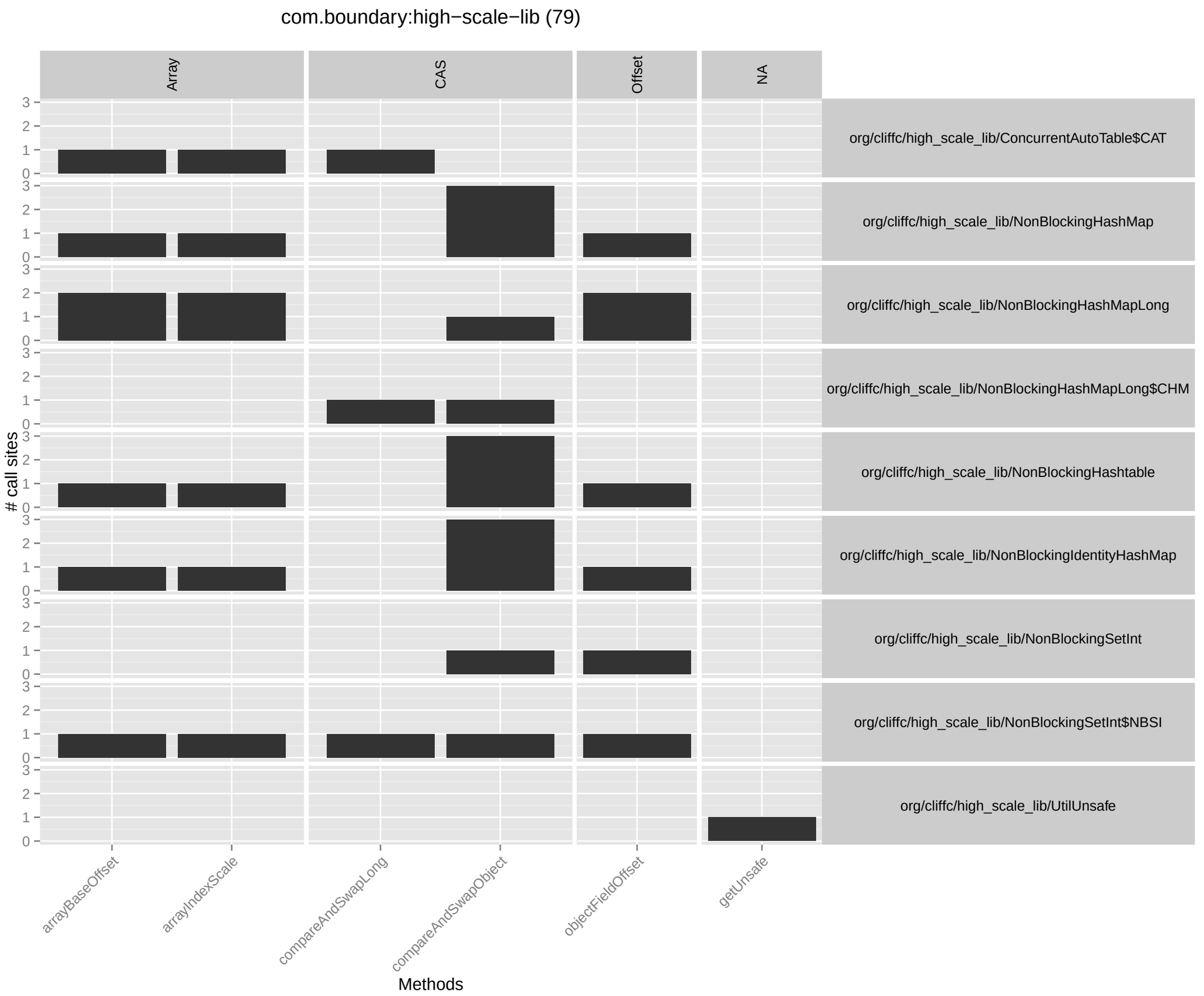

org.apache.servicemix.bundles:org.apache.servicemix.bundles.xstream (88)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

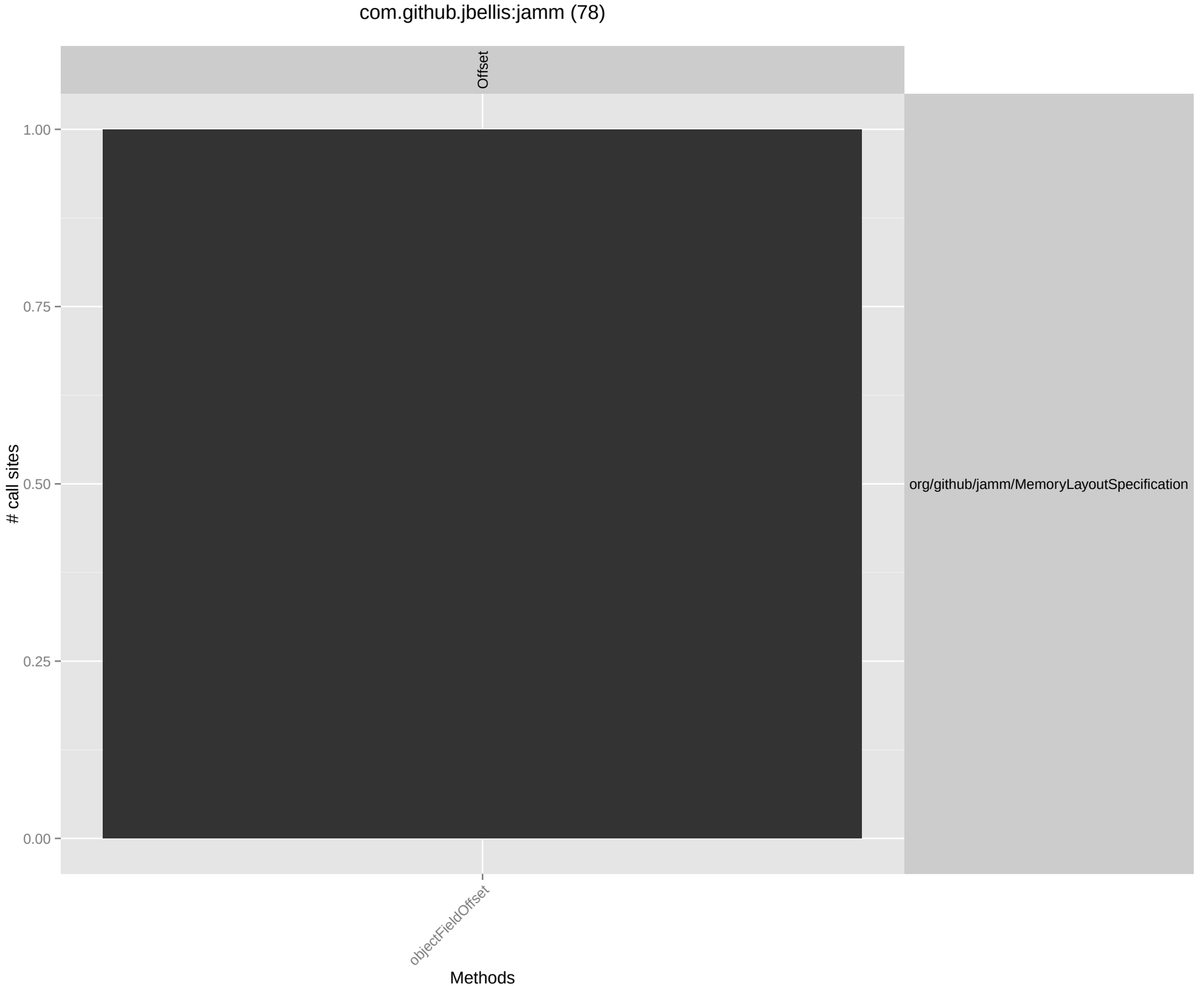

com.orientechnologies:orientdb−core (87)
Array
Get
Off−Heap
Put
com/orientechnologies/common/comparator/OUnsafeByteArrayComparator
com/orientechnologies/common/directmemory/OUnsafeMemory
com/orientechnologies/common/directmemory/OUnsafeMemoryJava7
com/orientechnologies/common/serialization/OUnsafeBinaryConverter
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
getByte
getChar
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putByte
putChar
putInt
putLong
putShort
Methods

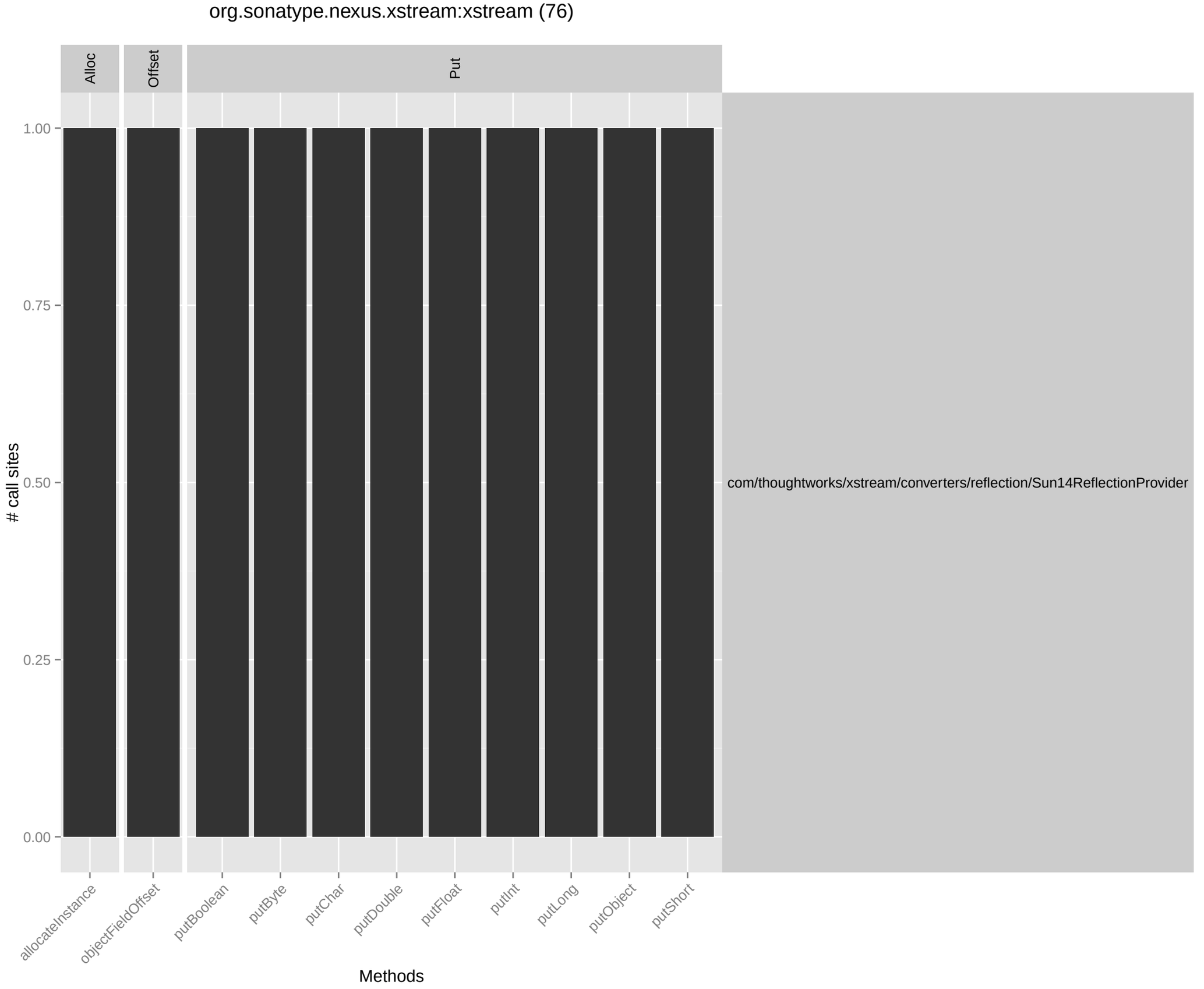
.google.appengine:appengine−api−1.0−sdk (82)

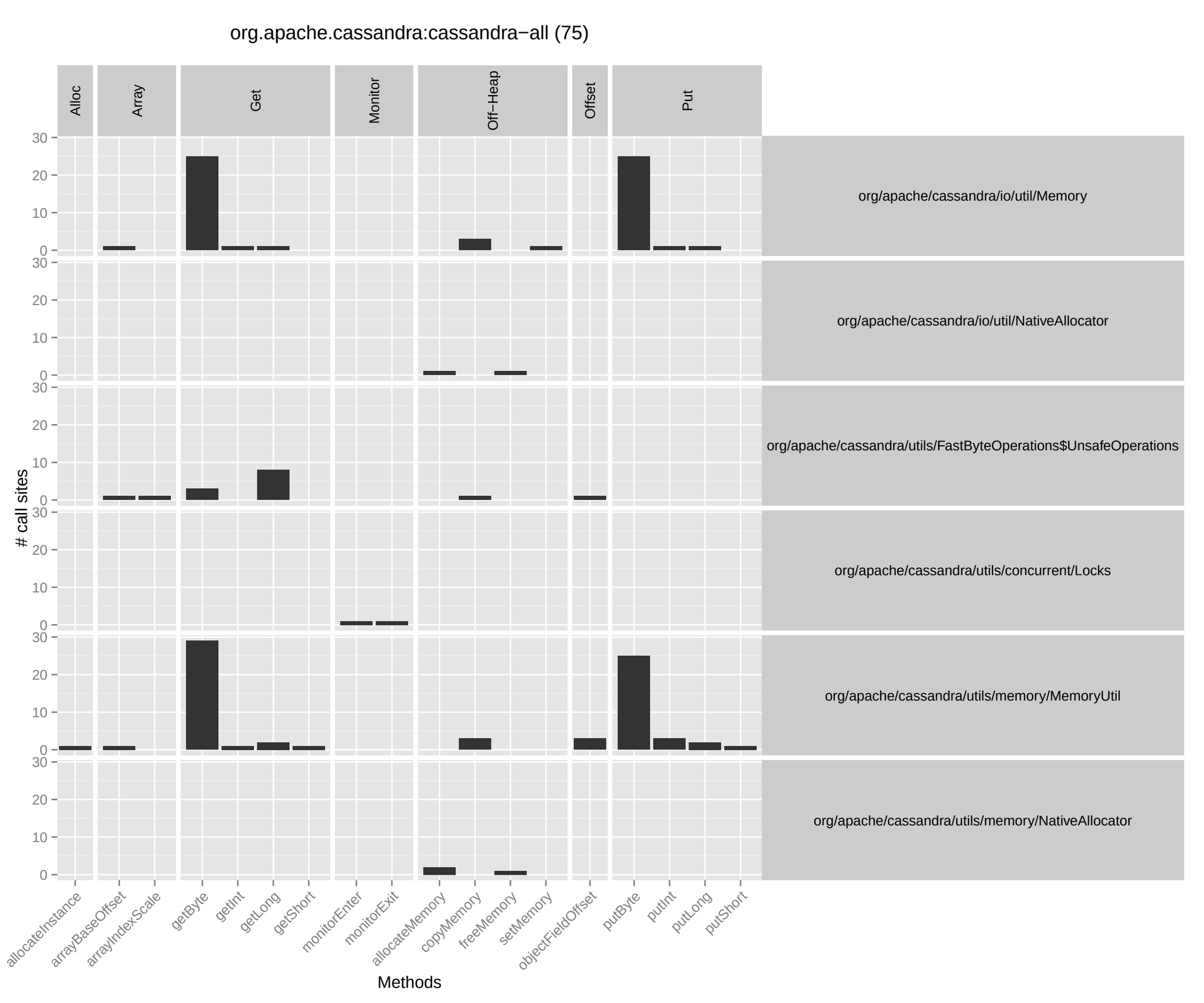


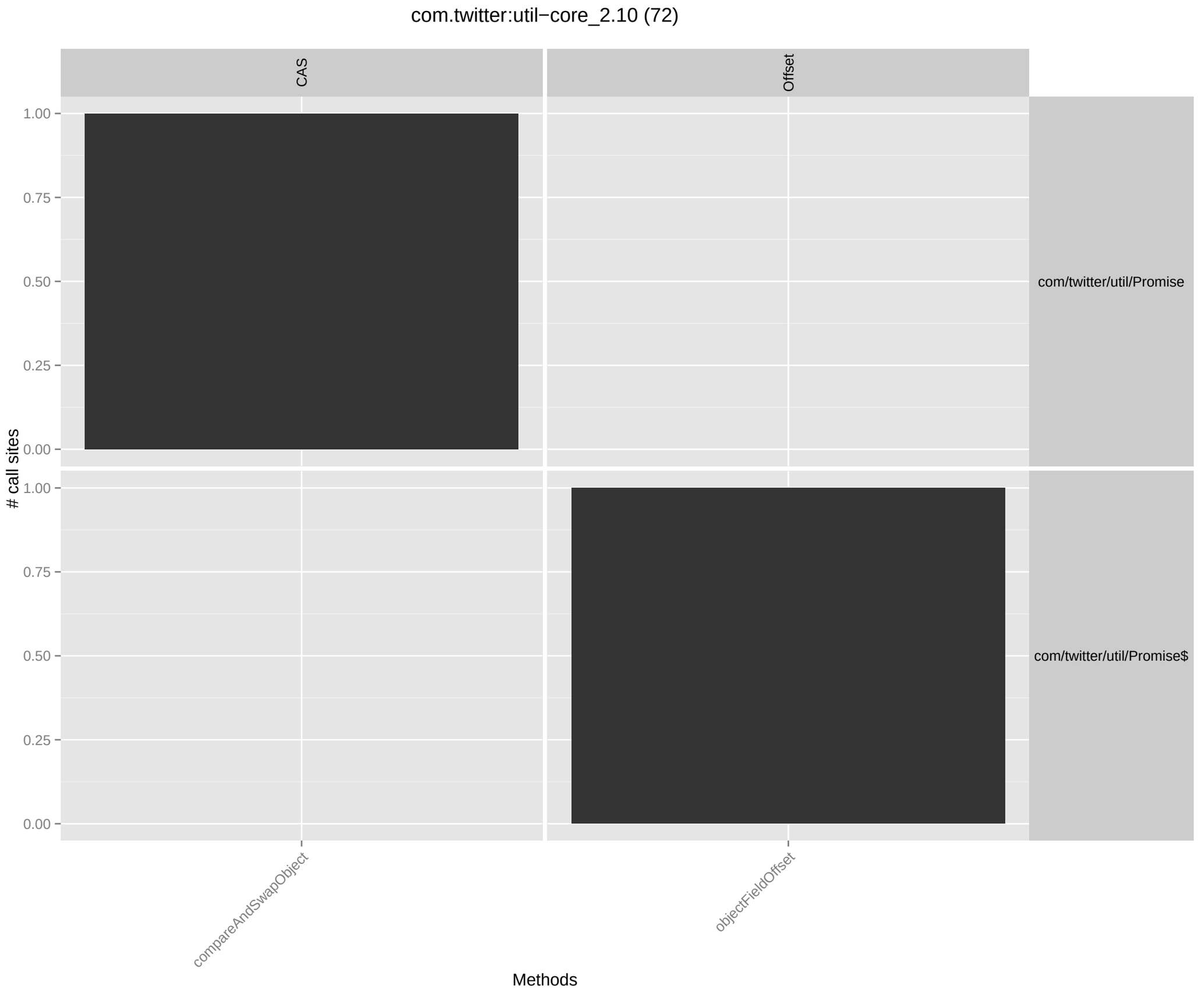

org.mule.mvel:mule−mvel2 (82)
Class
1.00
0.75
0.50
0.25
0.00
call sites
org/mule/mvel2/util/JITClassLoader
defineClass
Methods

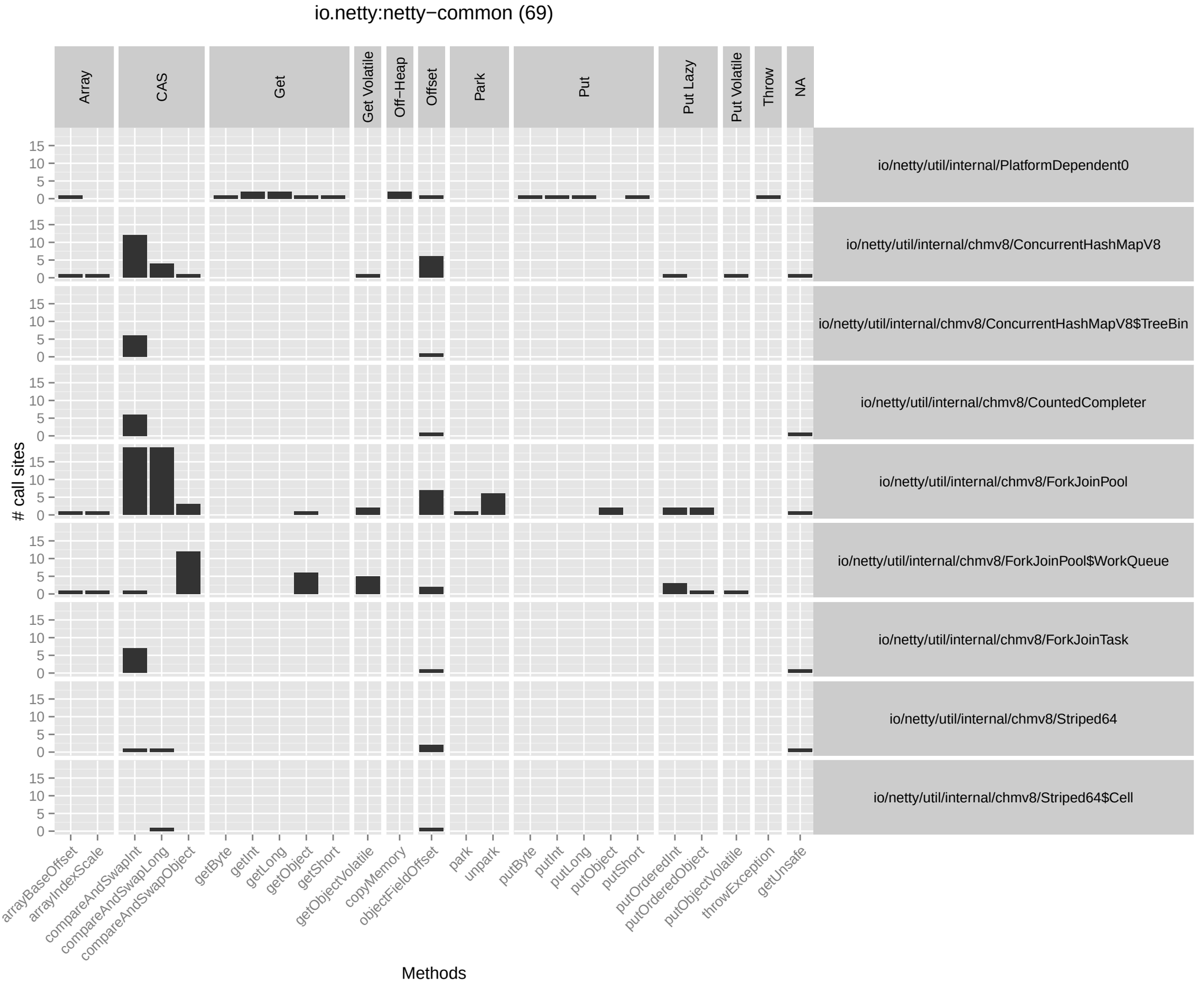

com.boundary:high−scale−lib (79)
Array
CAS
Offset
NA
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

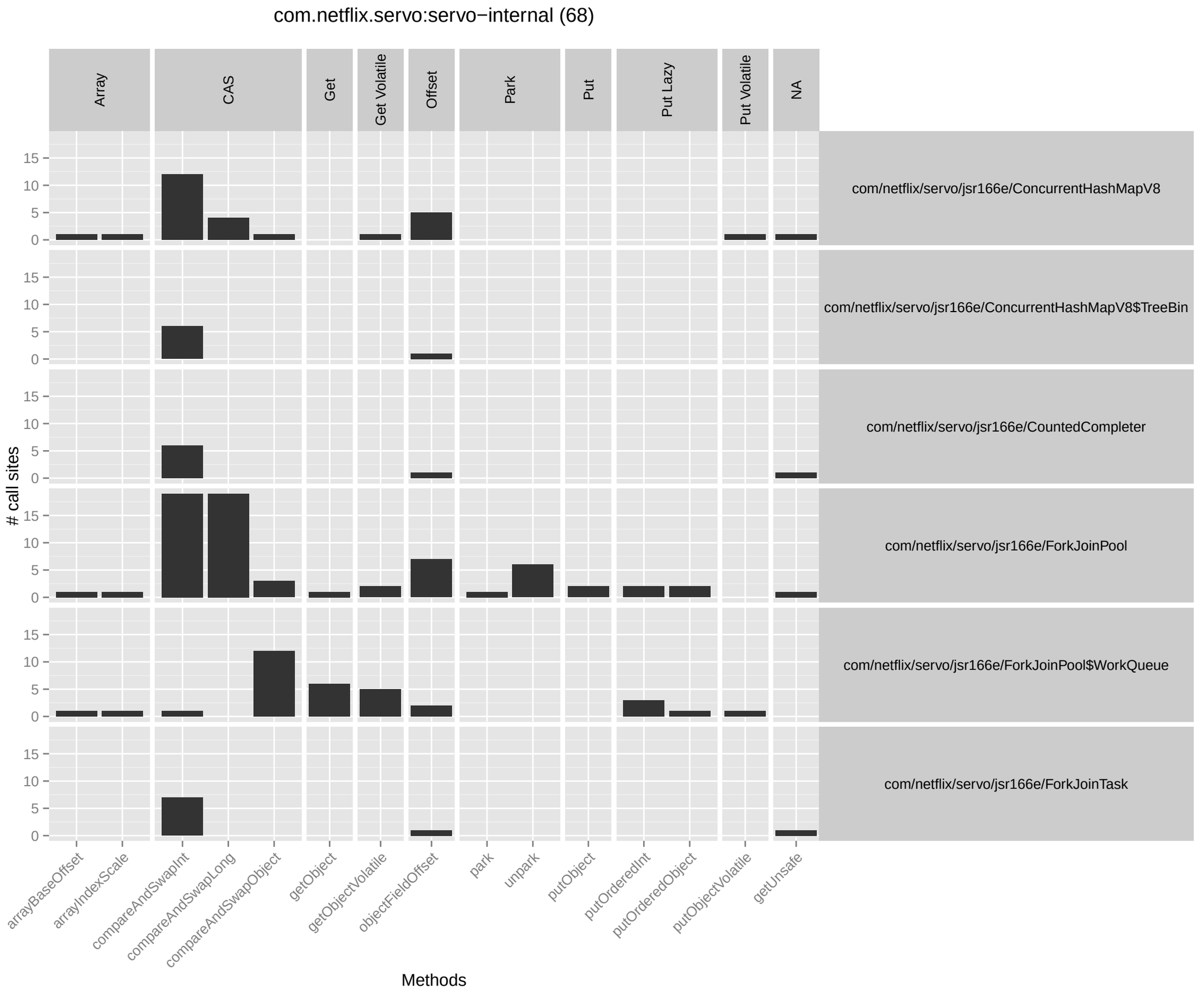

com.github.jbellis:jamm (78)
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/github/jamm/MemoryLayoutSpecification
objectFieldOffset
Methods

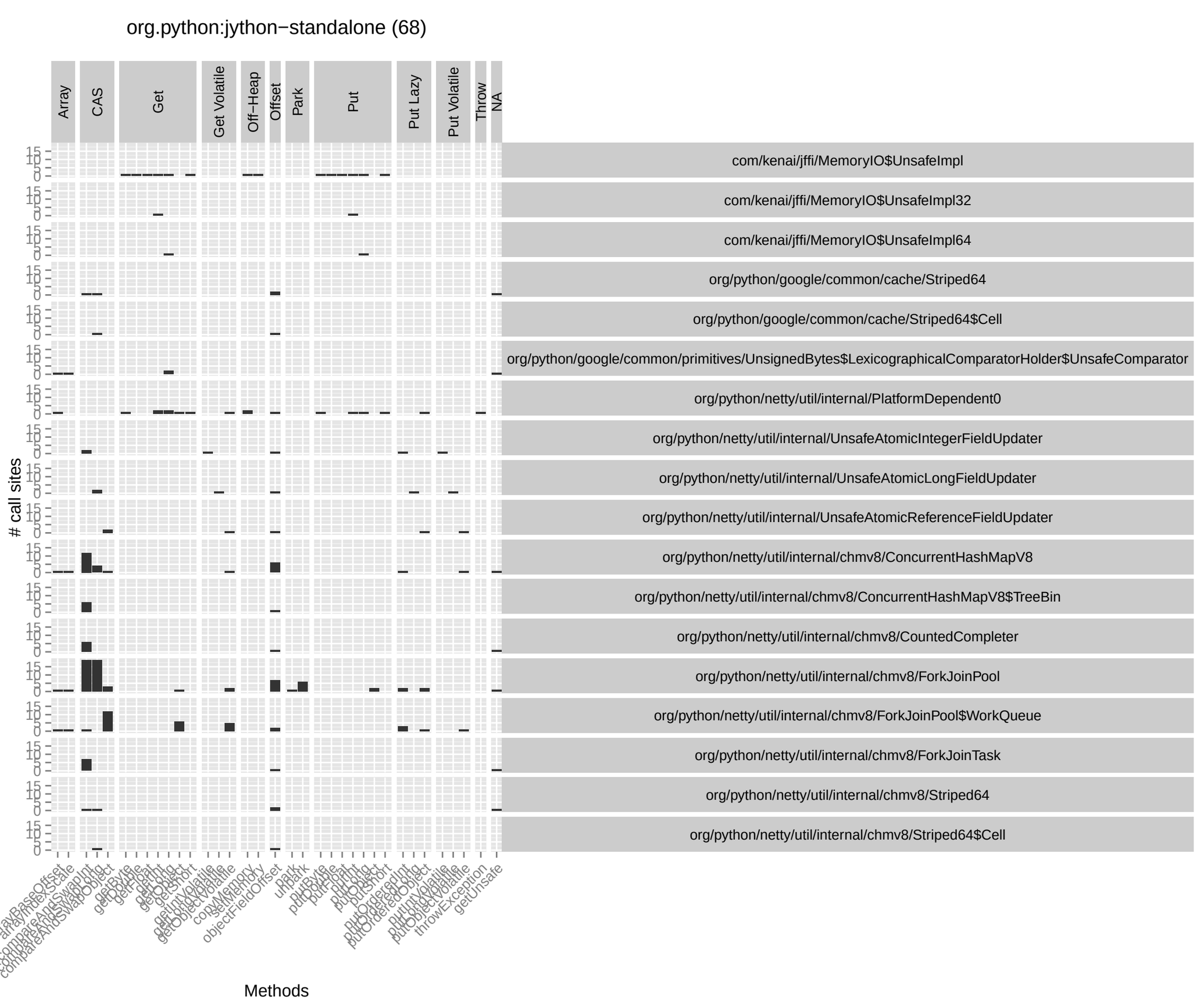

org.sonatype.nexus.xstream:xstream (76)
Alloc
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

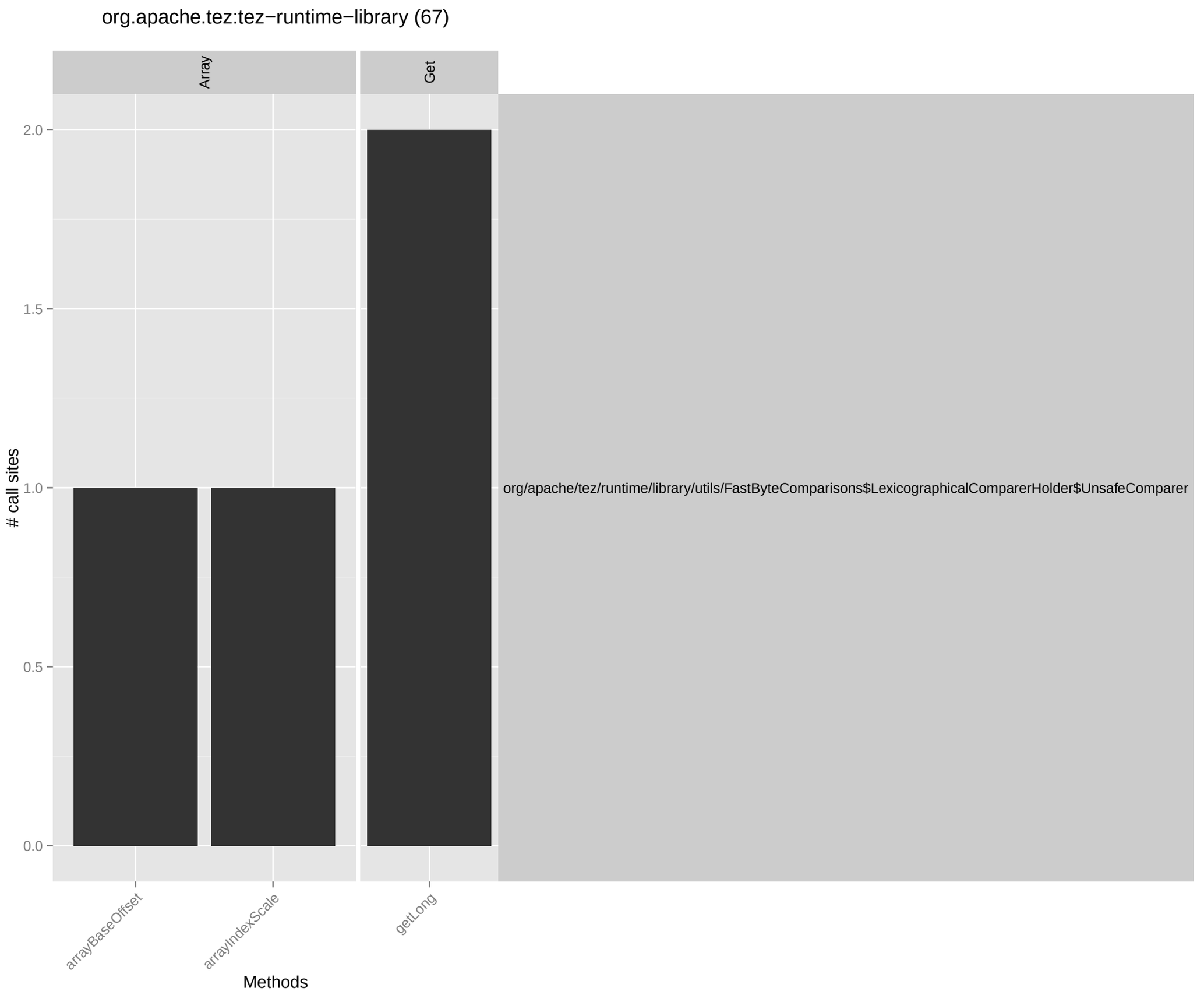

org.apache.cassandra:cassandra−all (75)
Alloc
Array
Get
Monitor
Off−Heap
Offset
Put
org/apache/cassandra/io/util/Memory
org/apache/cassandra/io/util/NativeAllocator
org/apache/cassandra/utils/FastByteOperations$UnsafeOperations
org/apache/cassandra/utils/concurrent/Locks
org/apache/cassandra/utils/memory/MemoryUtil
org/apache/cassandra/utils/memory/NativeAllocator
call sites
0
10
20
30
allocateInstance
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
monitorEnter
monitorExit
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
putByte
putInt
putLong
putShort
Methods

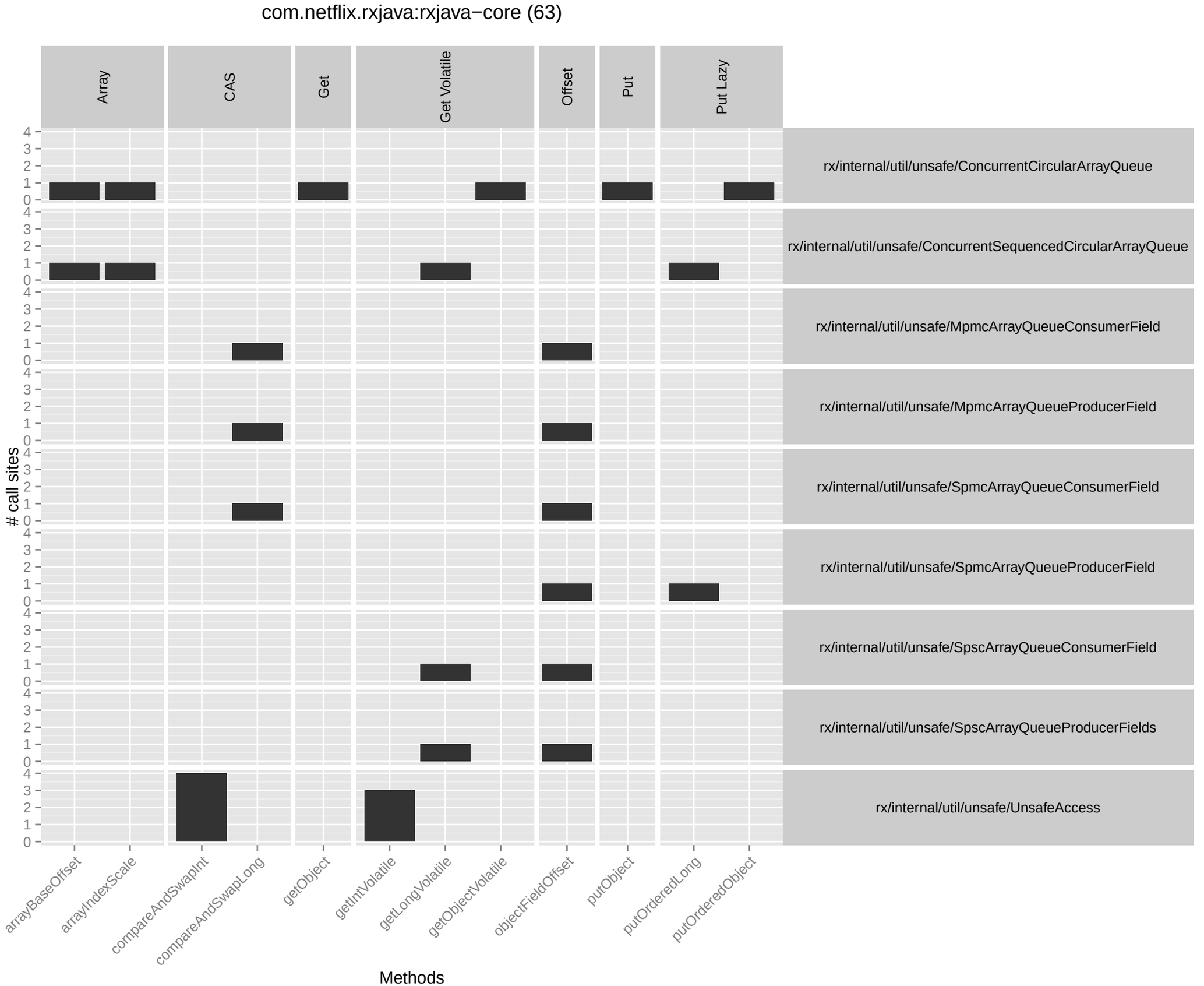

com.twitter:util−core_2.10 (72)
CAS
Offset
com/twitter/util/Promise
com/twitter/util/Promise$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

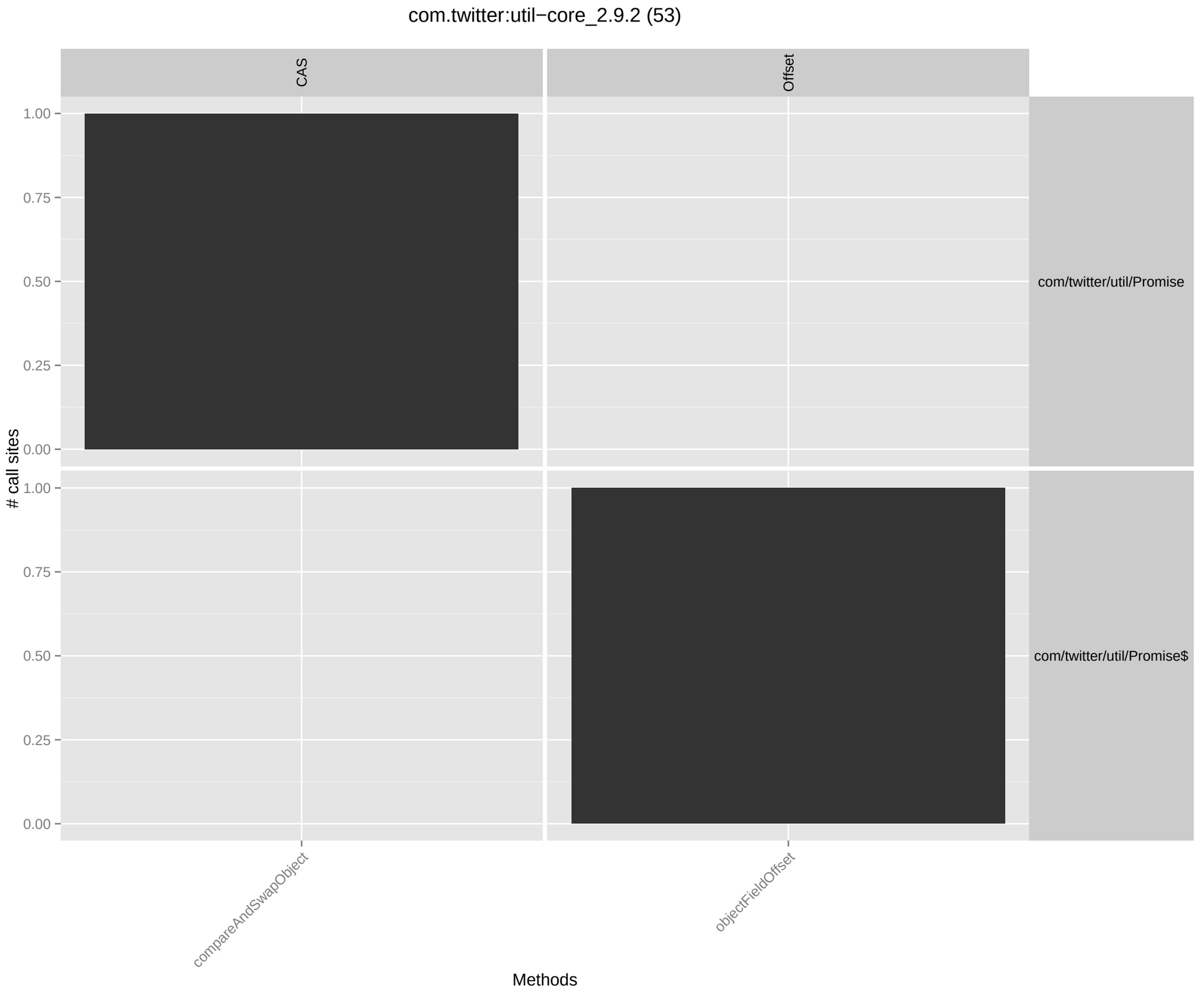

io.netty:netty−common (69)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

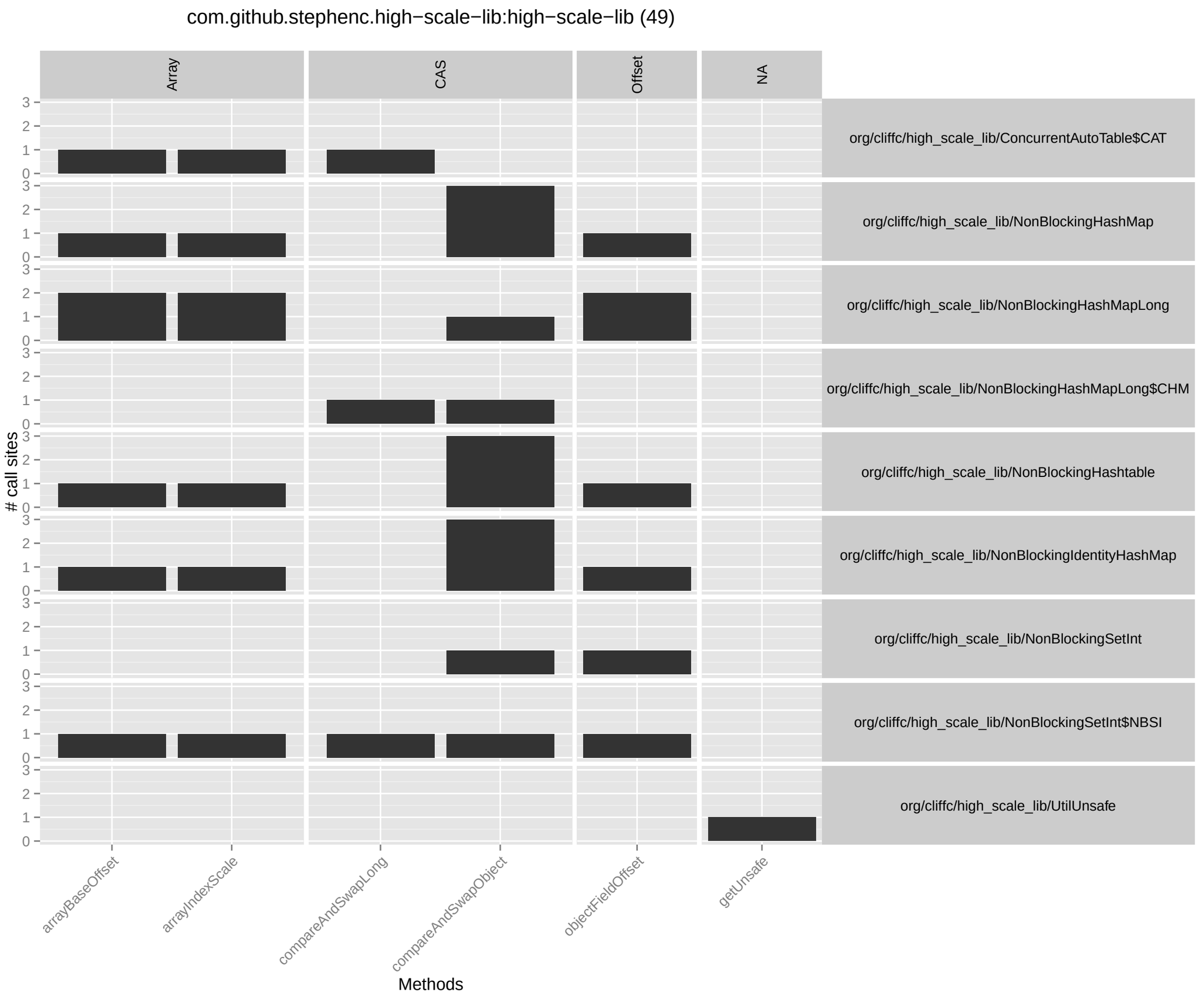

com.netflix.servo:servo−internal (68)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/netflix/servo/jsr166e/ConcurrentHashMapV8
com/netflix/servo/jsr166e/ConcurrentHashMapV8$TreeBin
com/netflix/servo/jsr166e/CountedCompleter
com/netflix/servo/jsr166e/ForkJoinPool
com/netflix/servo/jsr166e/ForkJoinPool$WorkQueue
com/netflix/servo/jsr166e/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

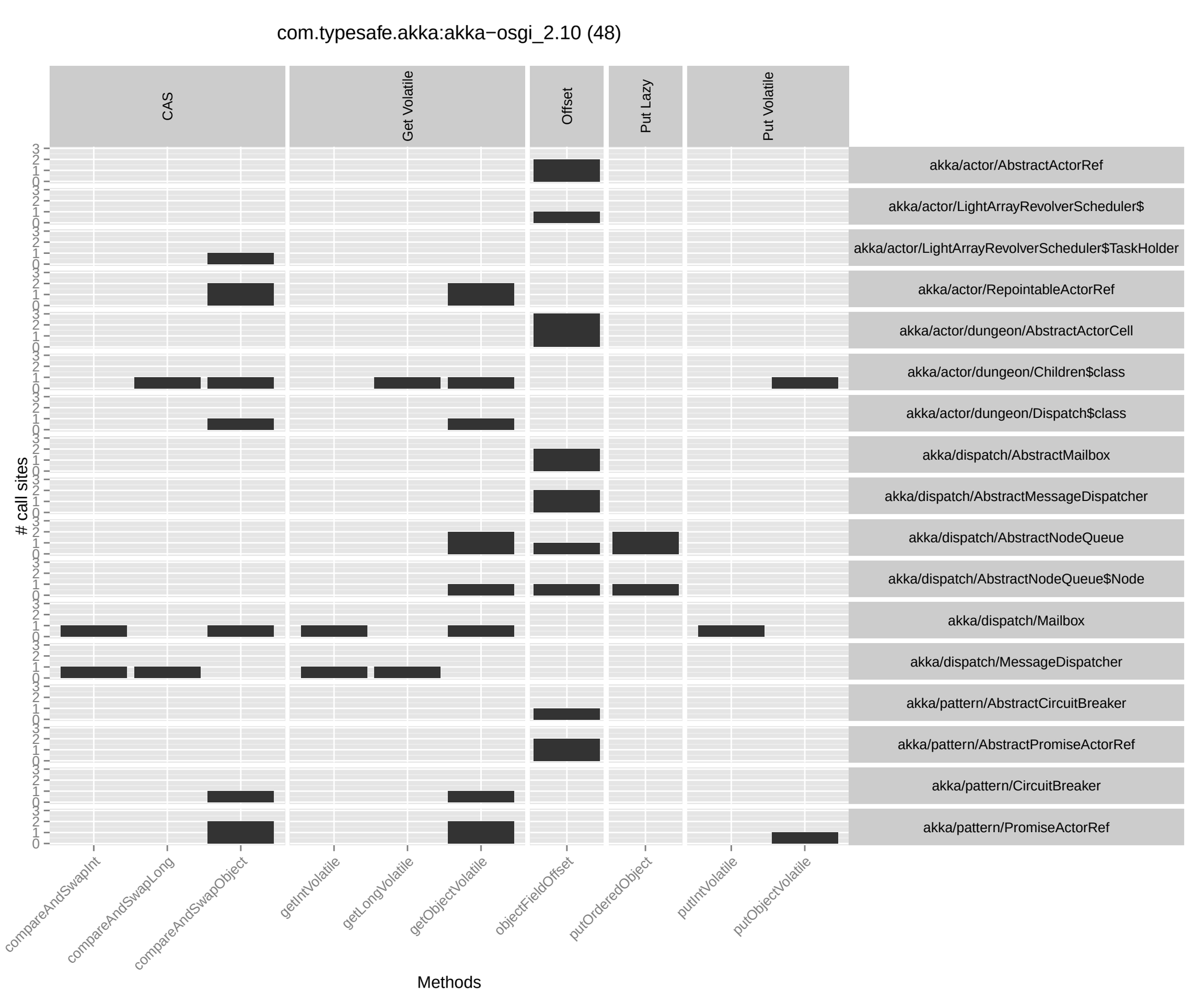

org.python:jython−standalone (68)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/python/google/common/cache/Striped64
org/python/google/common/cache/Striped64$Cell
org/python/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/python/netty/util/internal/PlatformDependent0
org/python/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
org/python/netty/util/internal/UnsafeAtomicLongFieldUpdater
org/python/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
org/python/netty/util/internal/chmv8/CountedCompleter
org/python/netty/util/internal/chmv8/ForkJoinPool
org/python/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
org/python/netty/util/internal/chmv8/ForkJoinTask
org/python/netty/util/internal/chmv8/Striped64
org/python/netty/util/internal/chmv8/Striped64$Cell
call sites
Methods
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
park
unpark
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe

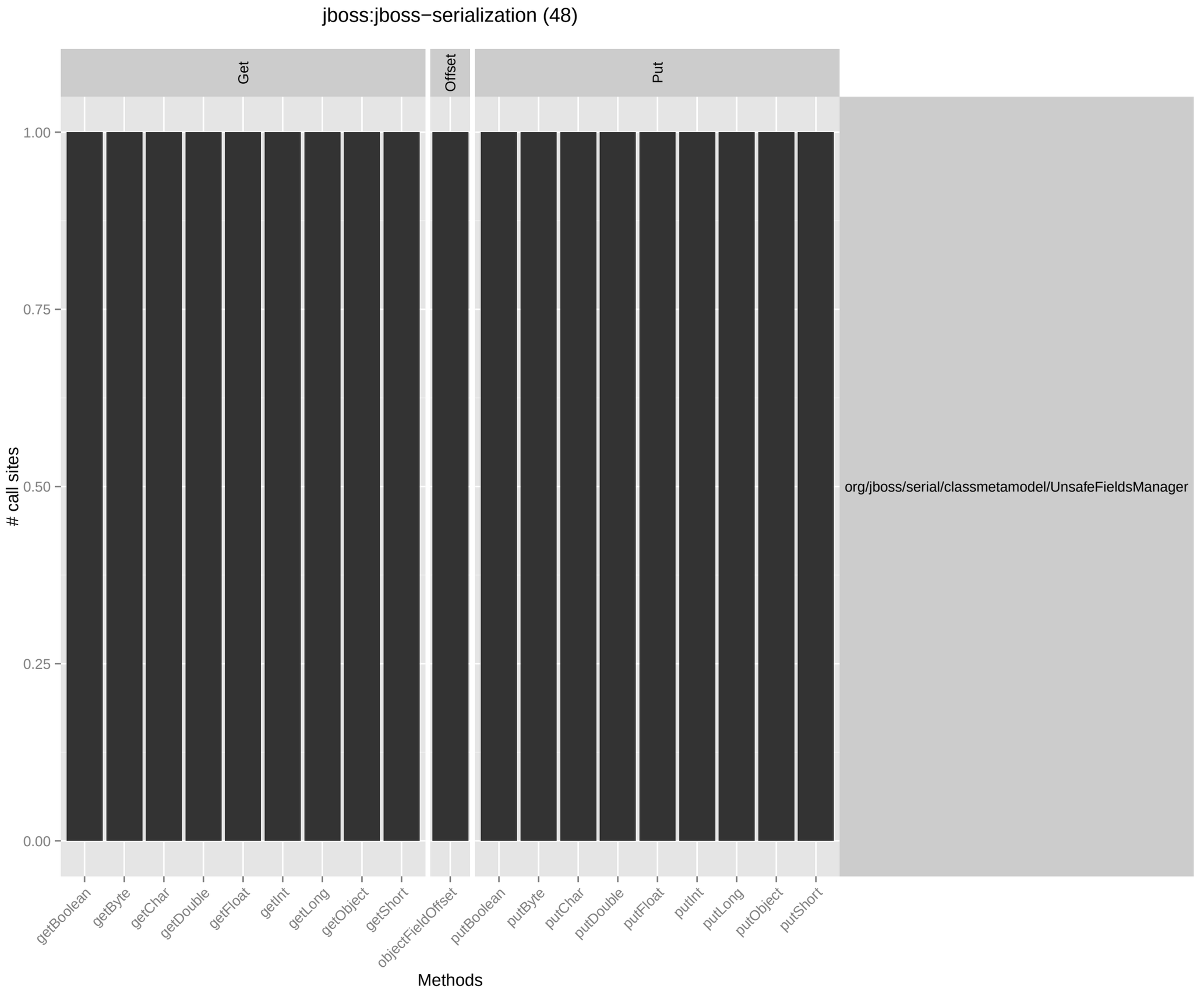

org.apache.tez:tez−runtime−library (67)
Array
Get
org/apache/tez/runtime/library/utils/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

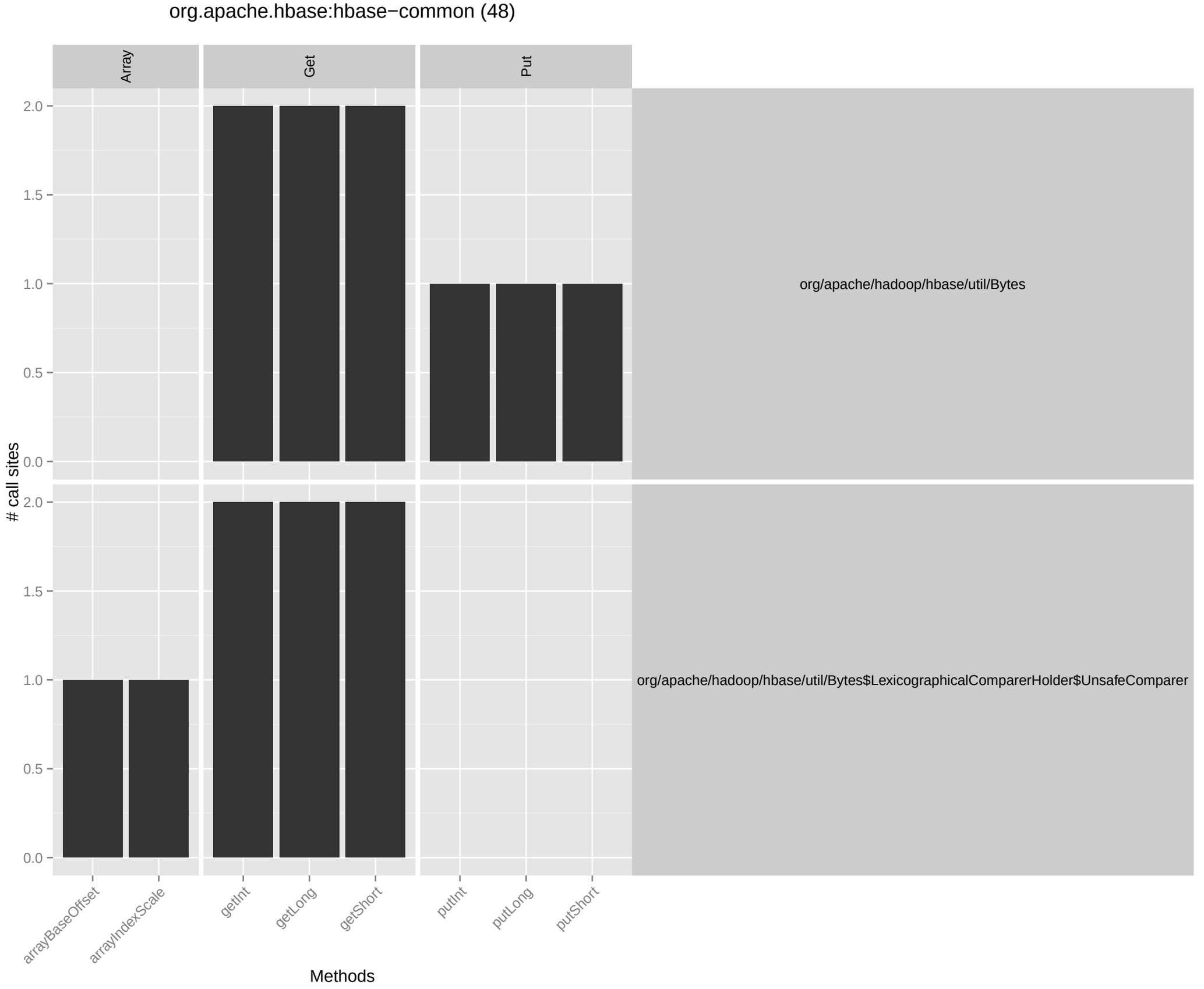

com.netflix.rxjava:rxjava−core (63)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
rx/internal/util/unsafe/ConcurrentCircularArrayQueue
rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue
rx/internal/util/unsafe/MpmcArrayQueueConsumerField
rx/internal/util/unsafe/MpmcArrayQueueProducerField
rx/internal/util/unsafe/SpmcArrayQueueConsumerField
rx/internal/util/unsafe/SpmcArrayQueueProducerField
rx/internal/util/unsafe/SpscArrayQueueConsumerField
rx/internal/util/unsafe/SpscArrayQueueProducerFields
rx/internal/util/unsafe/UnsafeAccess
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

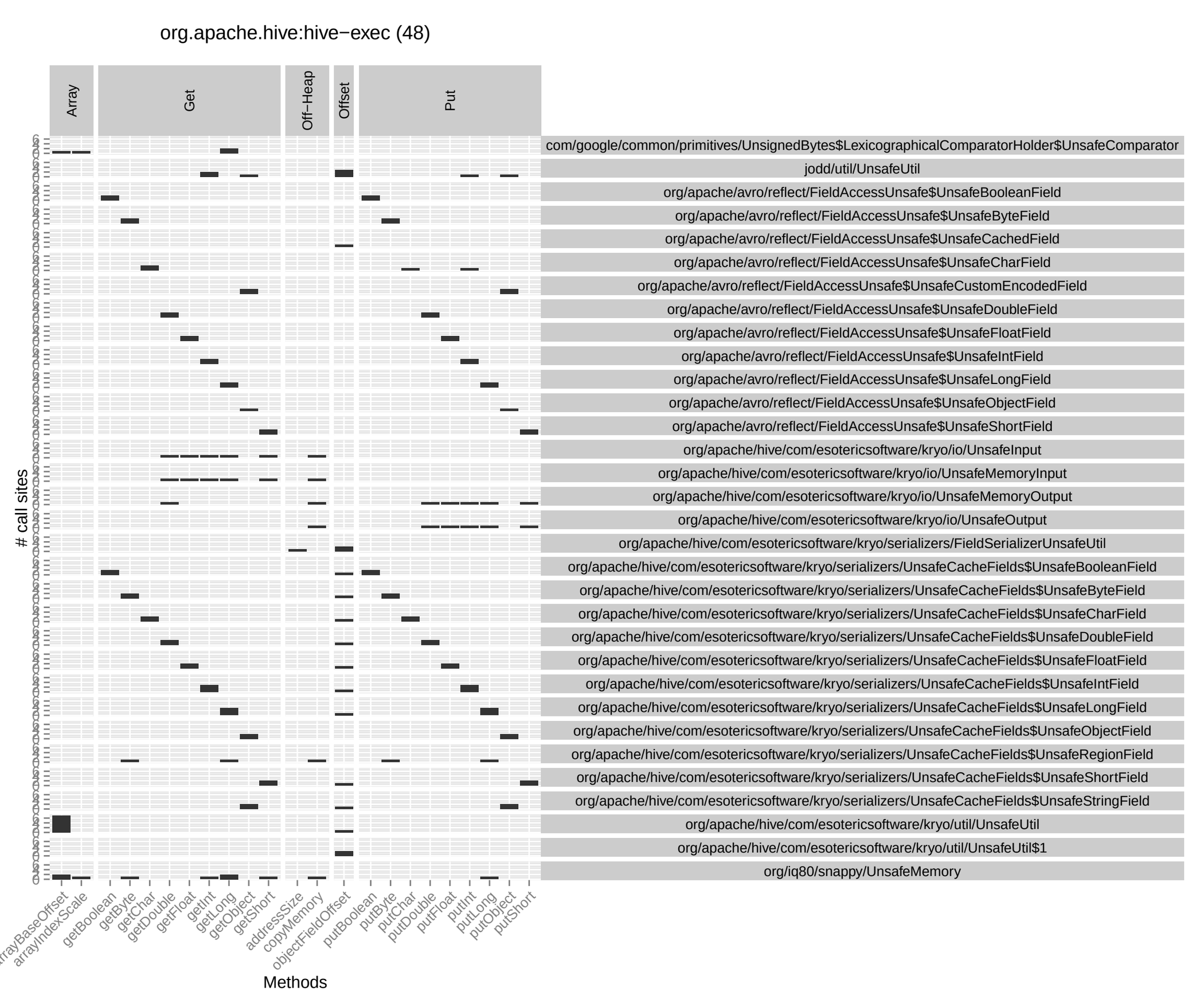

com.twitter:util−core_2.9.2 (53)
CAS
Offset
com/twitter/util/Promise
com/twitter/util/Promise$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

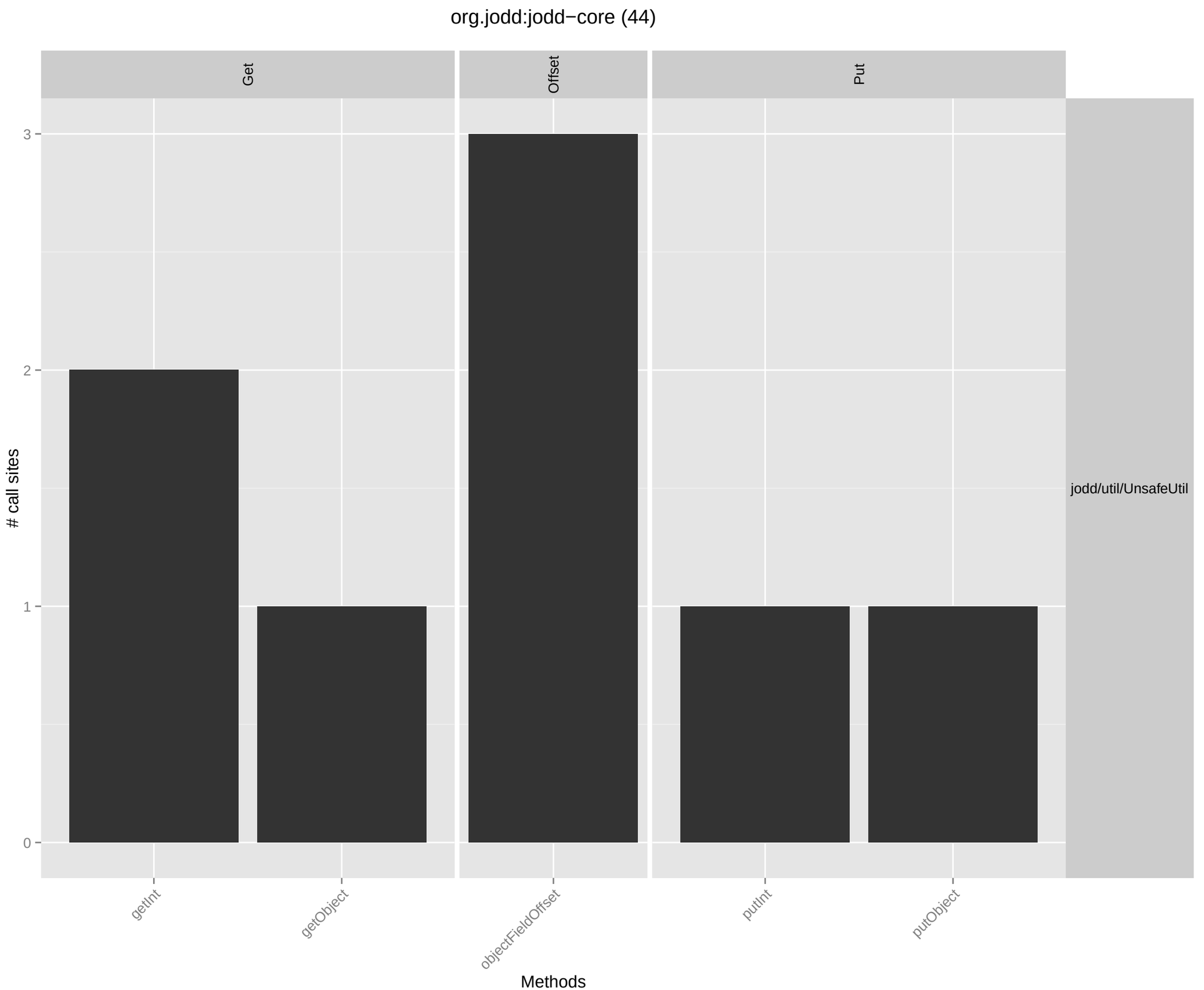

com.github.stephenc.high−scale−lib:high−scale−lib (49)
Array
CAS
Offset
NA
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

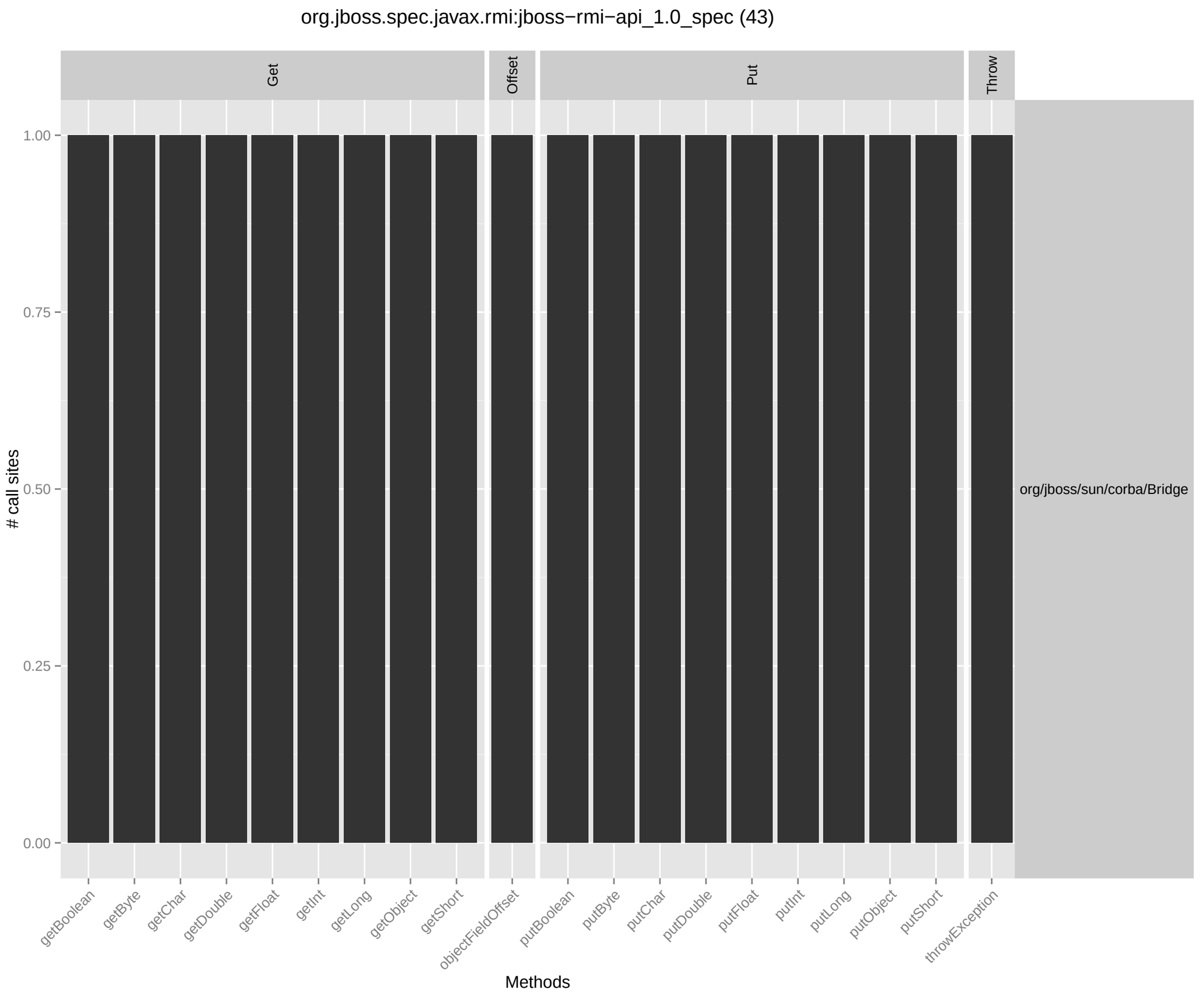

com.typesafe.akka:akka−osgi_2.10 (48)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

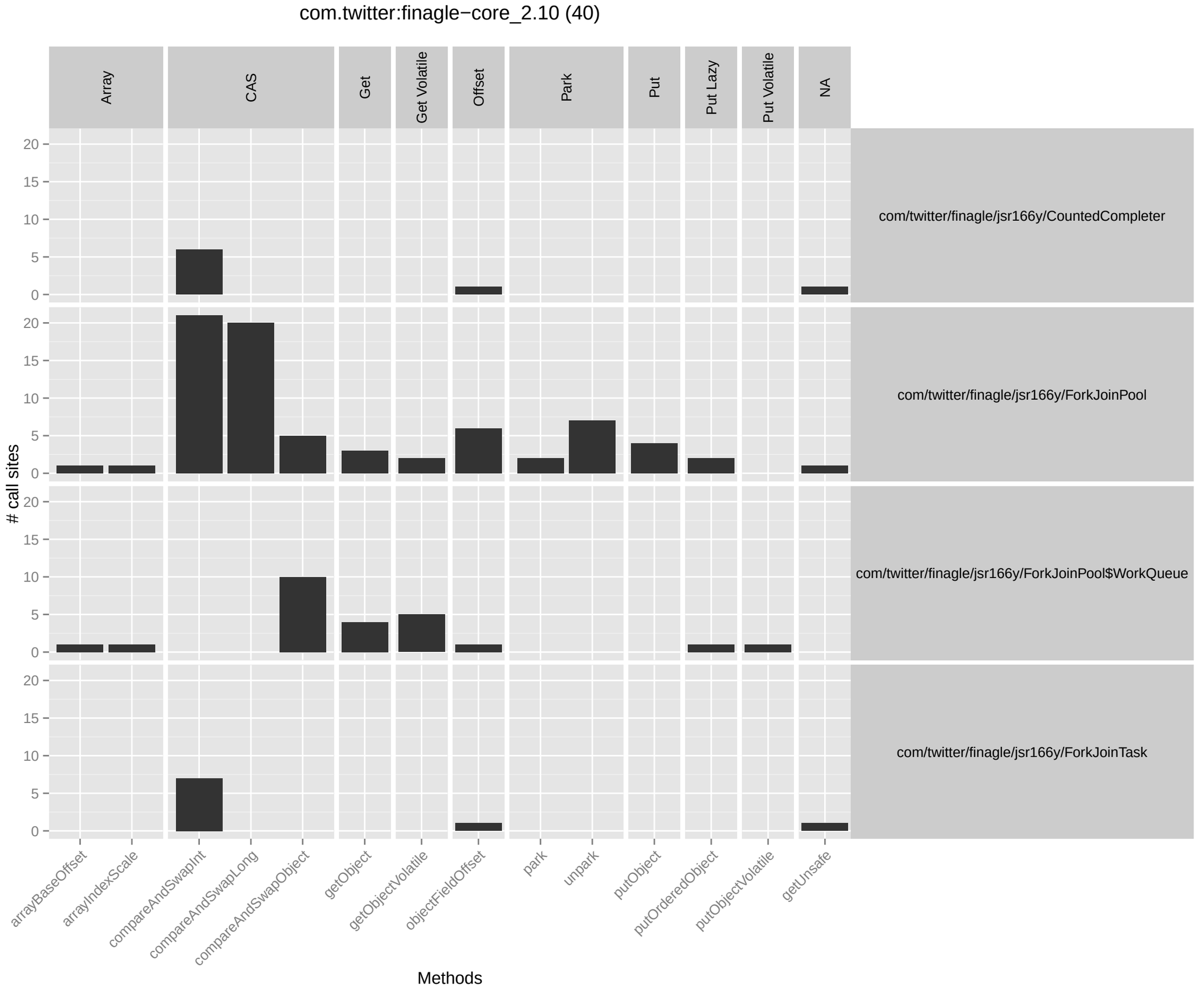

jboss:jboss−serialization (48)
Get
Offset
Put
org/jboss/serial/classmetamodel/UnsafeFieldsManager
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

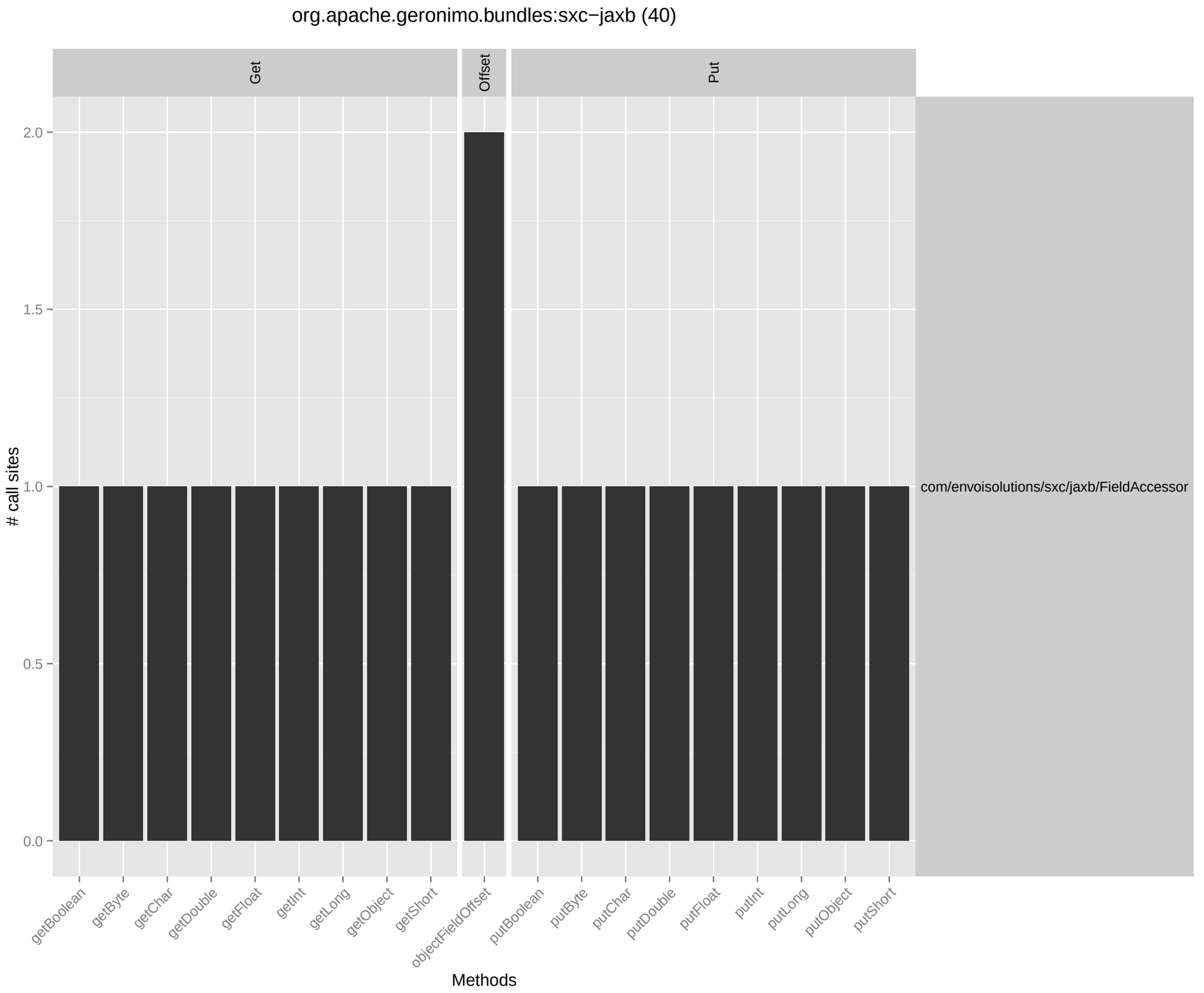

org.apache.hbase:hbase−common (48)
Array
Get
Put
org/apache/hadoop/hbase/util/Bytes
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getInt
getLong
getShort
putInt
putLong
putShort
Methods

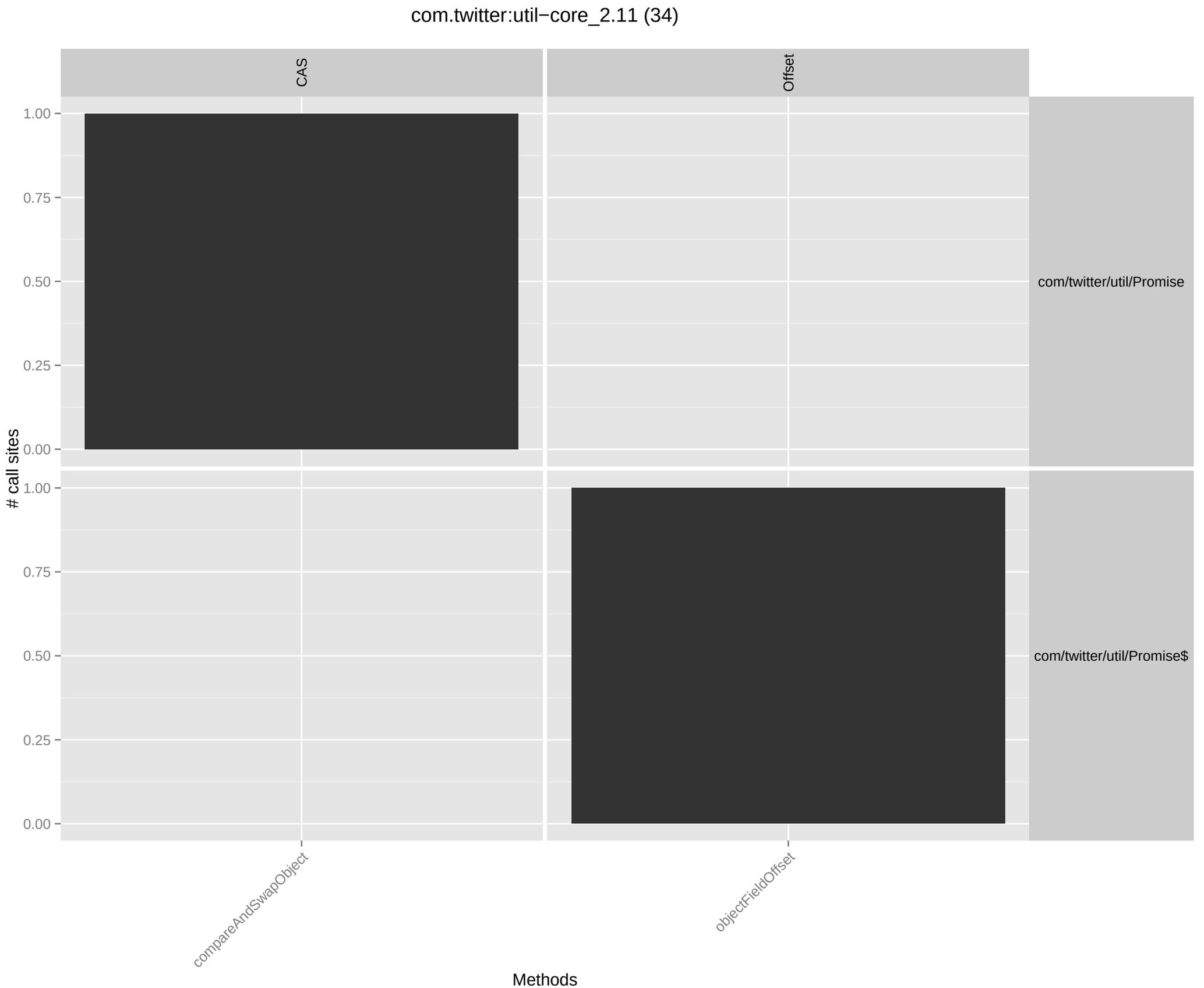

org.apache.hive:hive−exec (48)
Array
Get
Off−Heap
Offset
Put
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jodd/util/UnsafeUtil
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryOutput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeOutput
org/apache/hive/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil$1
org/iq80/snappy/UnsafeMemory
call sites
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

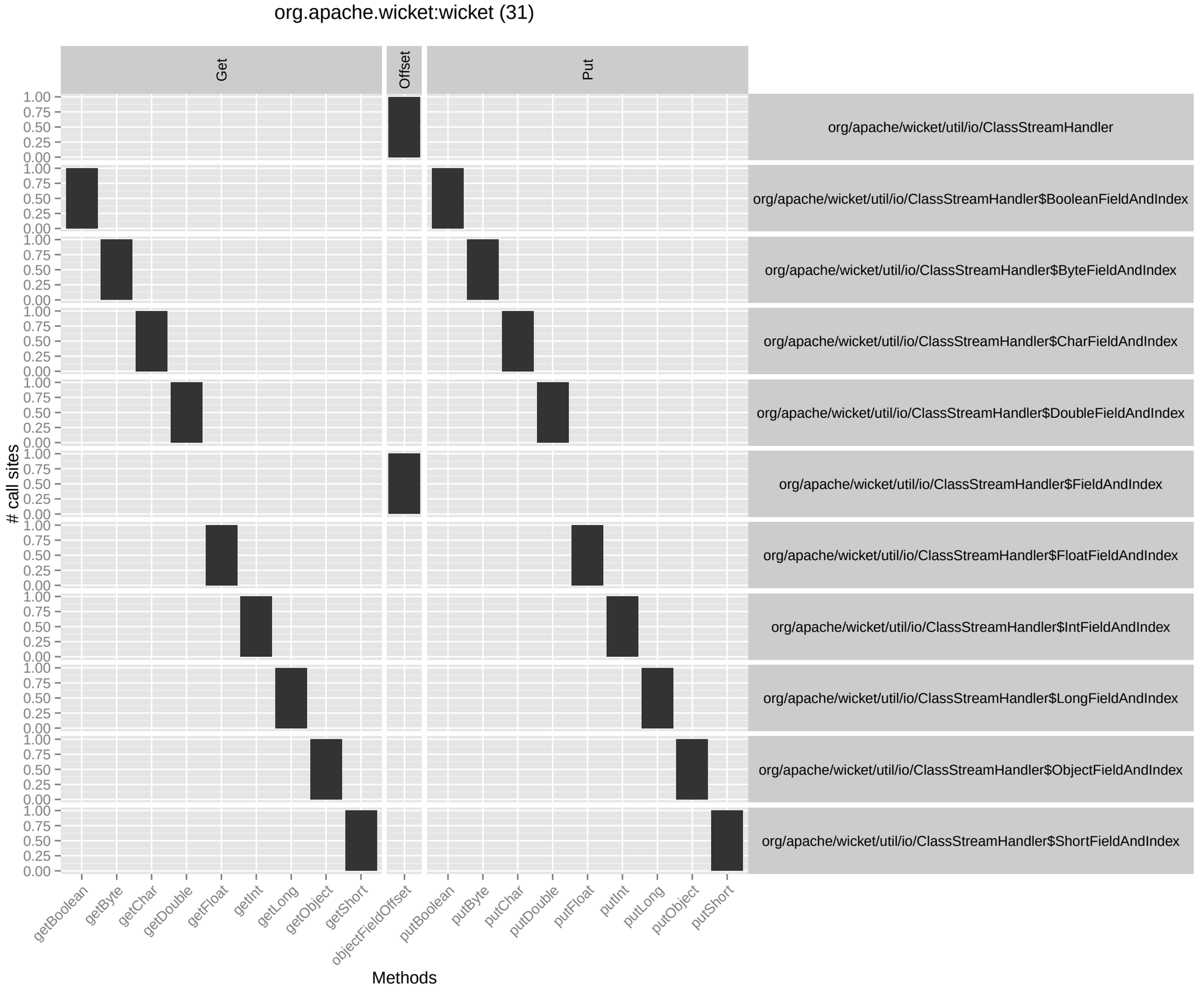

org.jodd:jodd−core (44)
Get
Offset
Put
jodd/util/UnsafeUtil
call sites
0
1
2
3
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

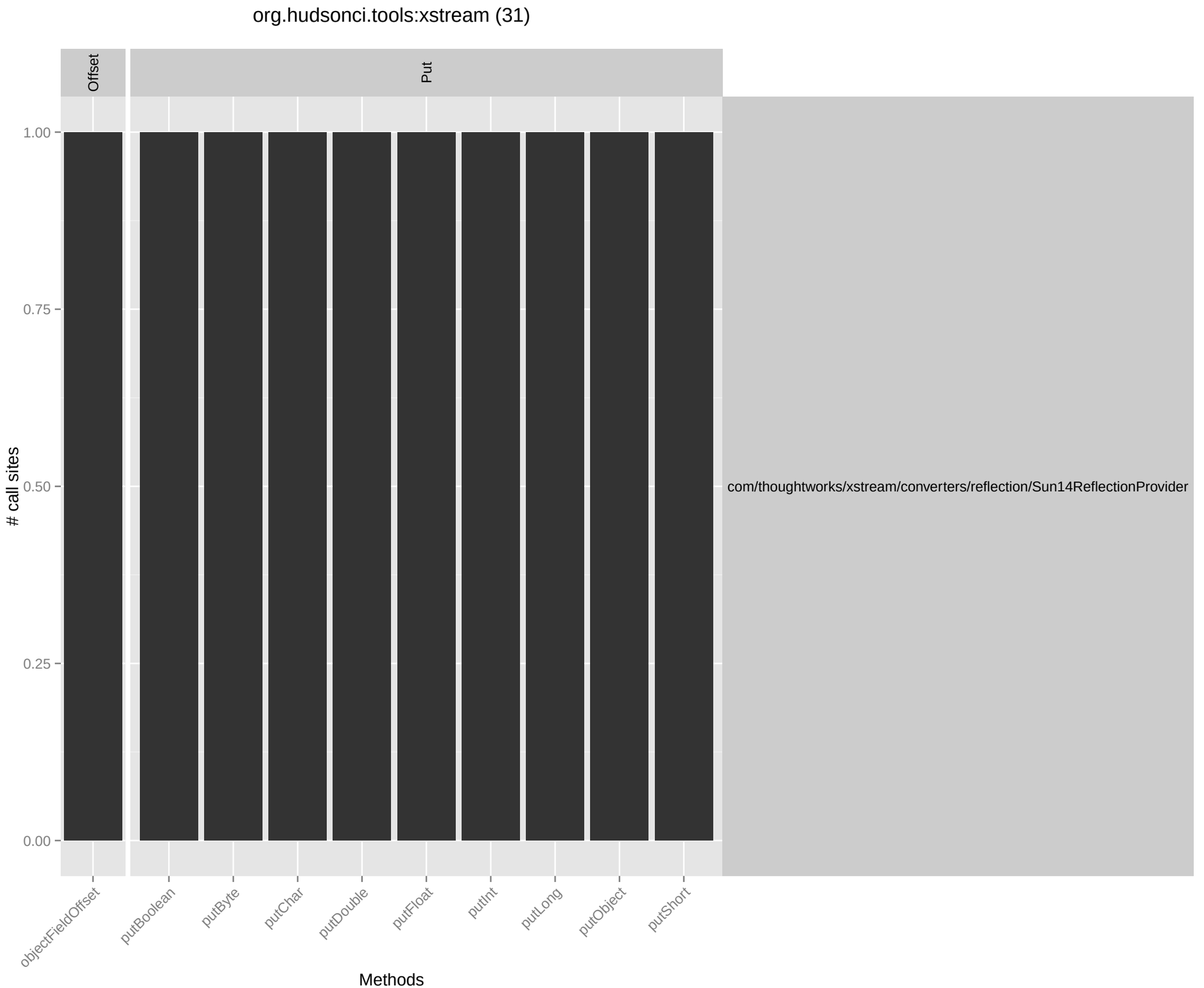

org.jboss.spec.javax.rmi:jboss−rmi−api_1.0_spec (43)
Get
Offset
Put
Throw
org/jboss/sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

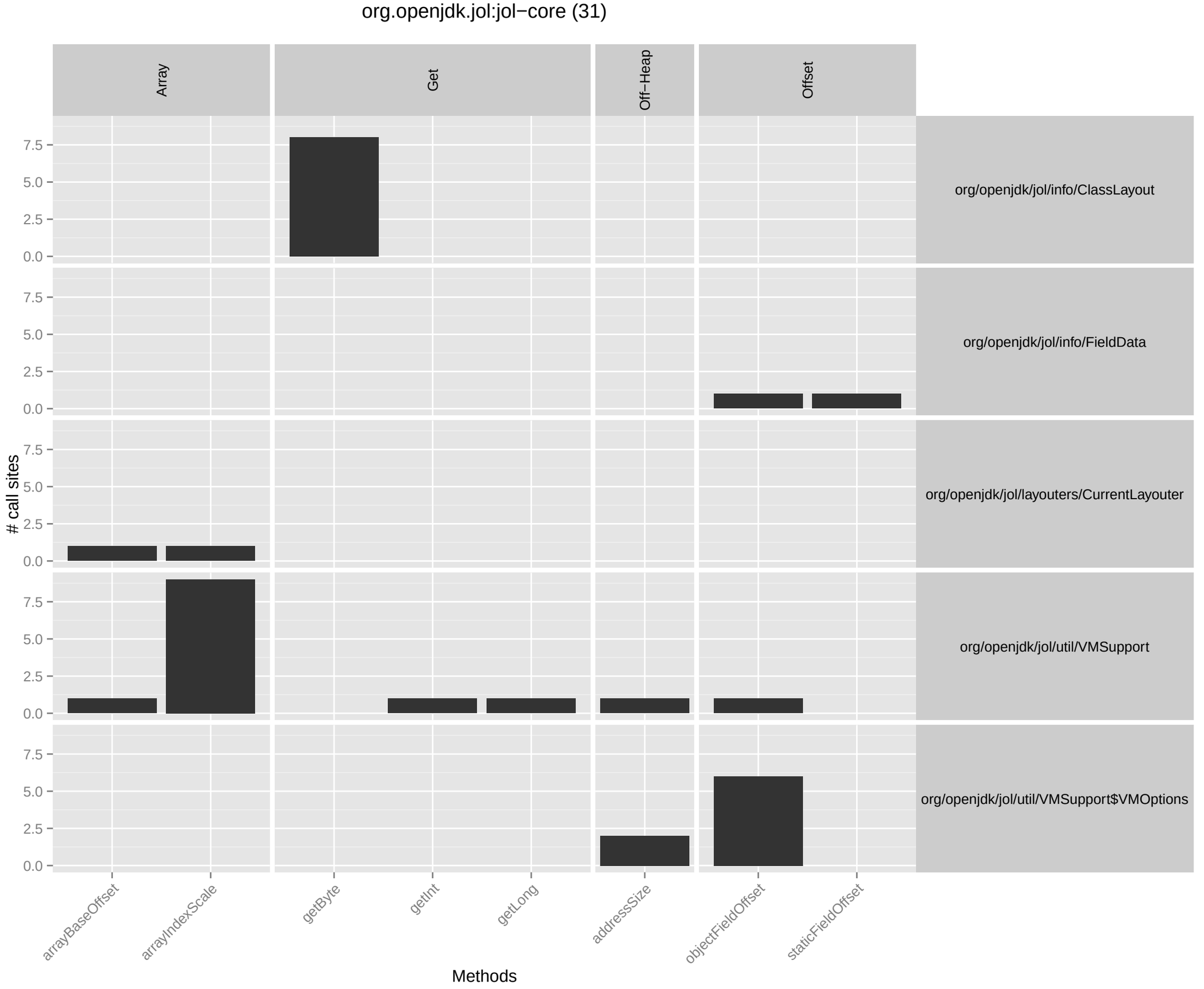

com.twitter:finagle−core_2.10 (40)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

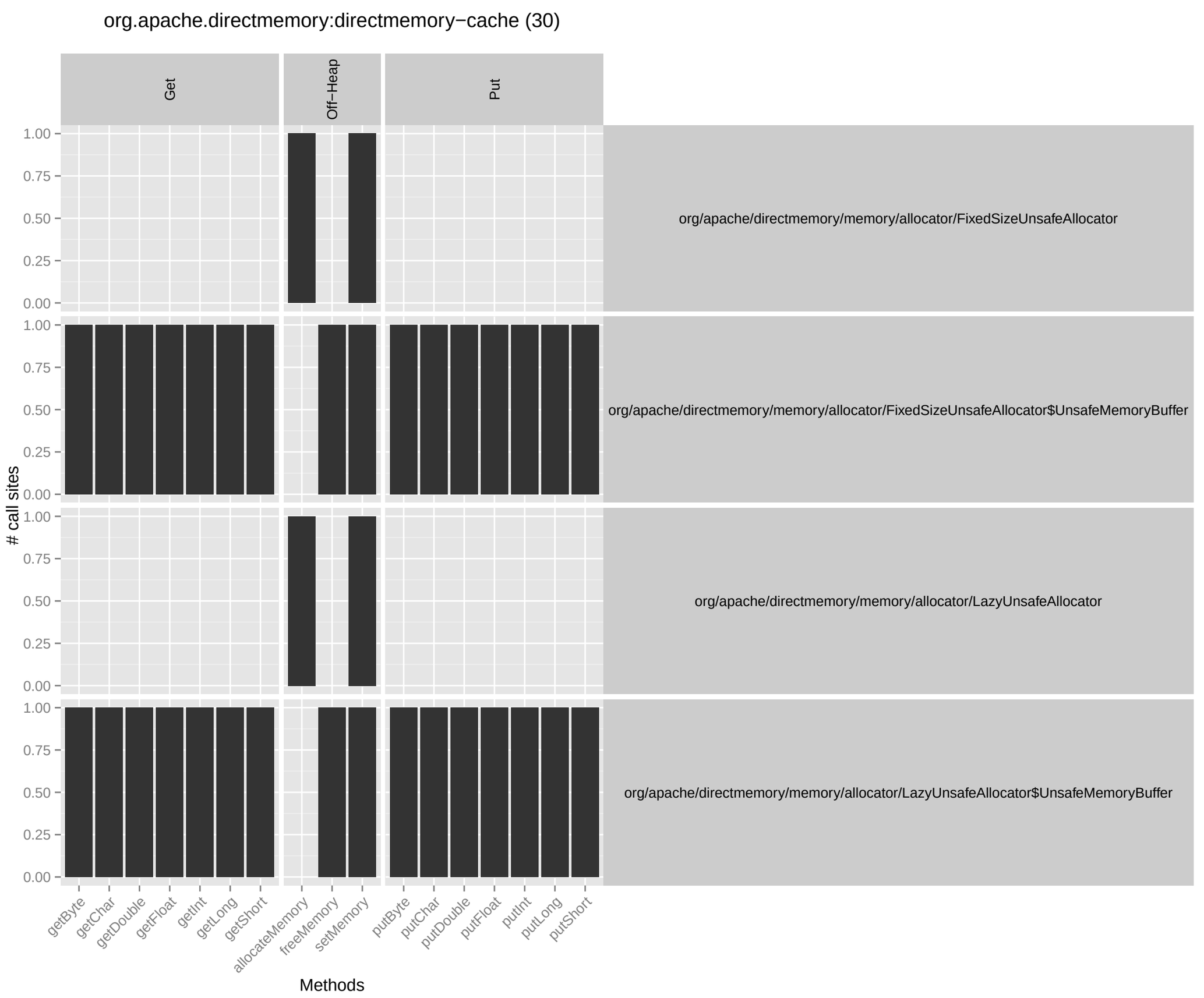

org.apache.geronimo.bundles:sxc−jaxb (40)
Get
Offset
Put
com/envoisolutions/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

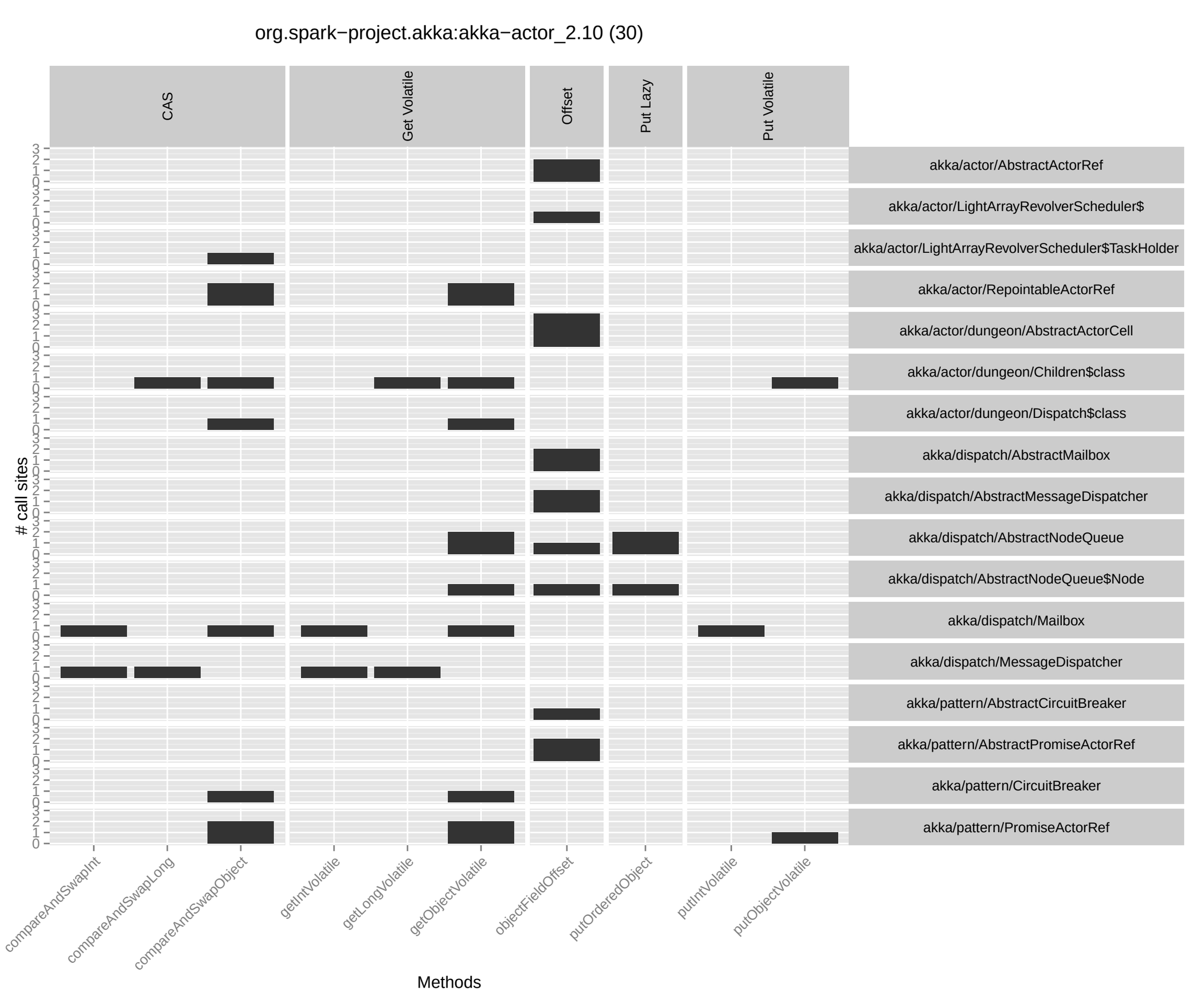

com.twitter:util−core_2.11 (34)
CAS
Offset
com/twitter/util/Promise
com/twitter/util/Promise$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

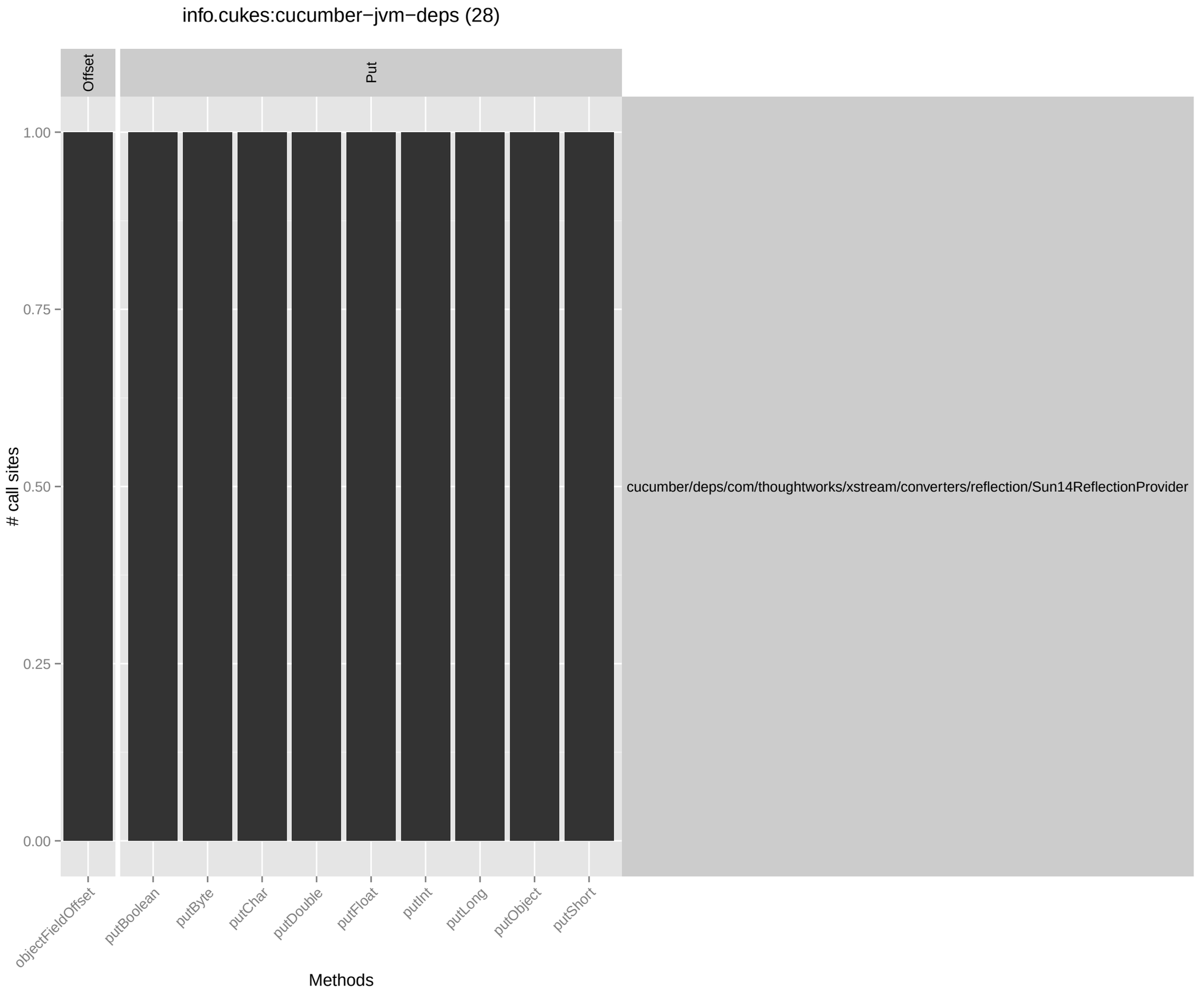

org.apache.wicket:wicket (31)
Get
Offset
Put
org/apache/wicket/util/io/ClassStreamHandler
org/apache/wicket/util/io/ClassStreamHandler$BooleanFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ByteFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$CharFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$DoubleFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FloatFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$IntFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$LongFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ObjectFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ShortFieldAndIndex
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

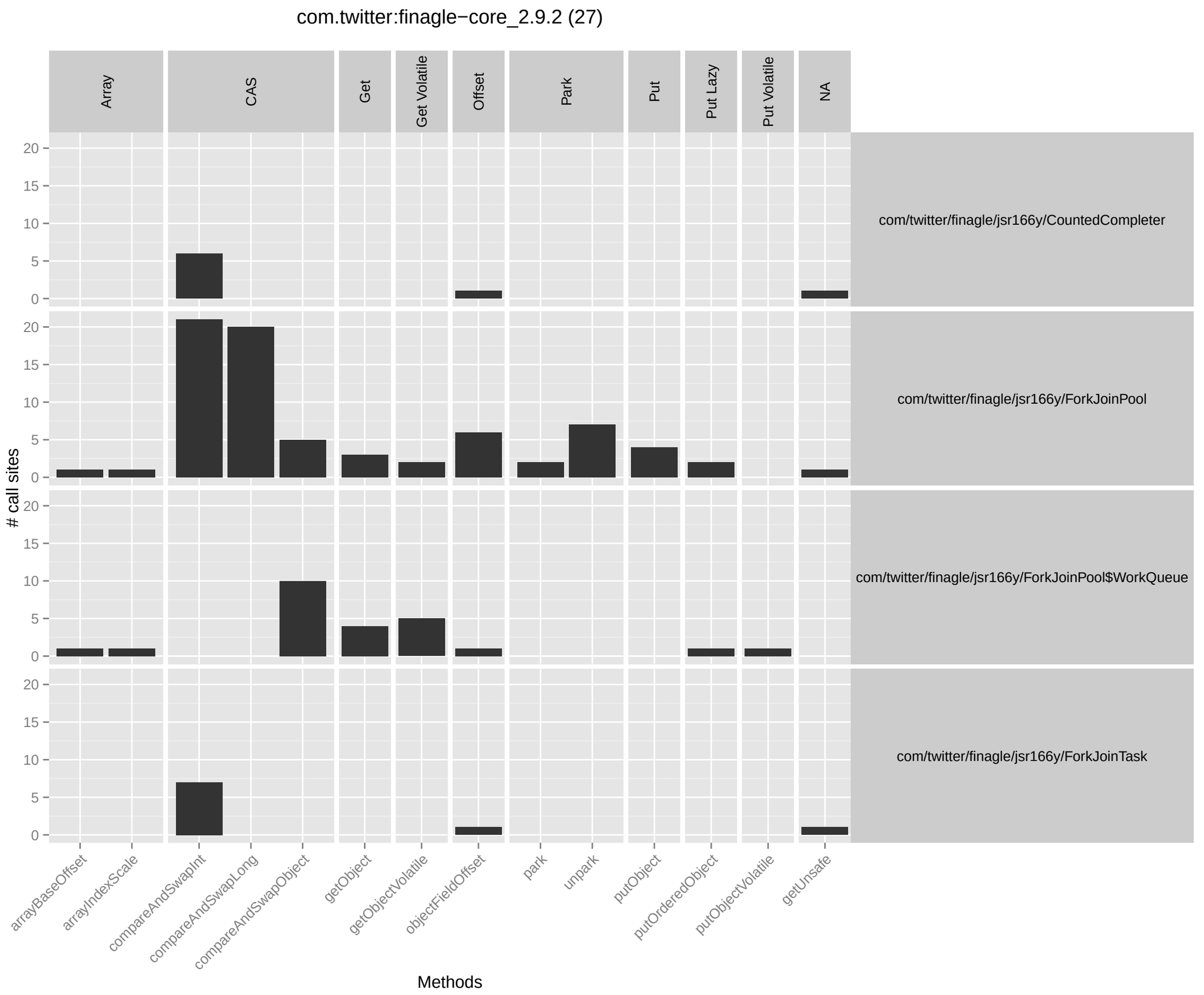

org.hudsonci.tools:xstream (31)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

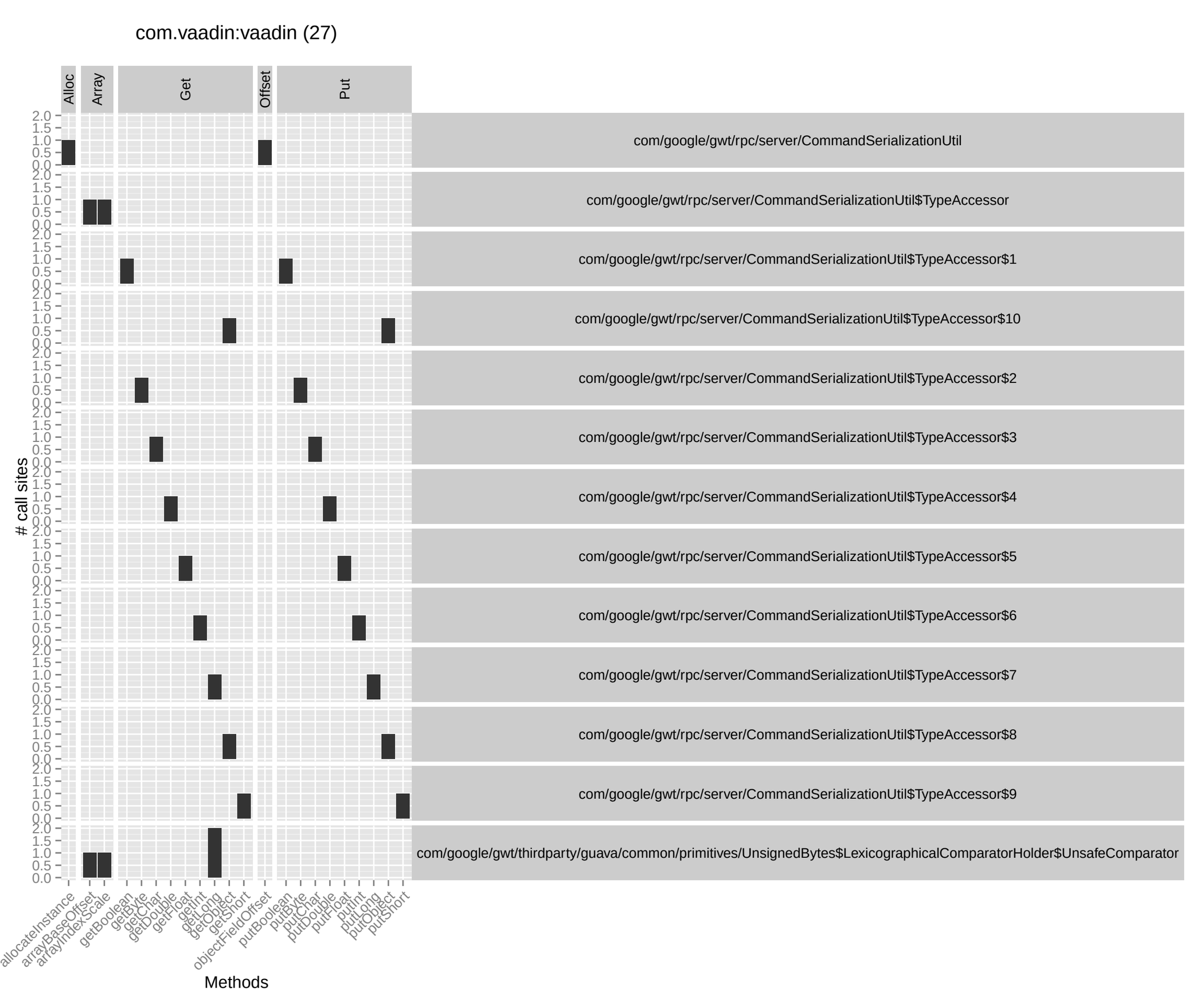

org.openjdk.jol:jol−core (31)
Array
Get
Off−Heap
Offset
org/openjdk/jol/info/ClassLayout
org/openjdk/jol/info/FieldData
org/openjdk/jol/layouters/CurrentLayouter
org/openjdk/jol/util/VMSupport
org/openjdk/jol/util/VMSupport$VMOptions
call sites
0.0
2.5
5.0
7.5
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
addressSize
objectFieldOffset
staticFieldOffset
Methods

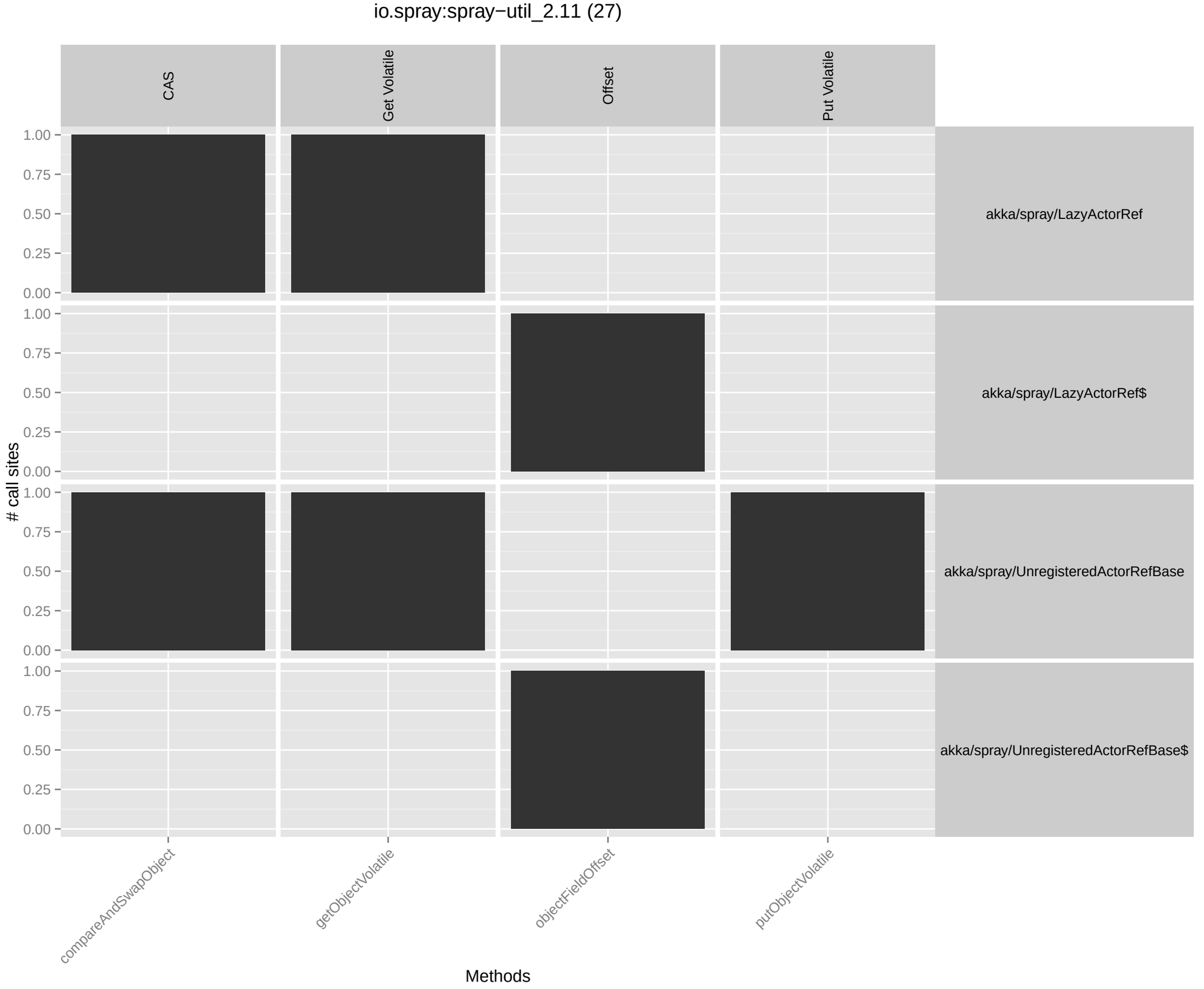

org.apache.directmemory:directmemory−cache (30)
Get
Off−Heap
Put
org/apache/directmemory/memory/allocator/FixedSizeUnsafeAllocator
org/apache/directmemory/memory/allocator/FixedSizeUnsafeAllocator$UnsafeMemoryBuffer
org/apache/directmemory/memory/allocator/LazyUnsafeAllocator
org/apache/directmemory/memory/allocator/LazyUnsafeAllocator$UnsafeMemoryBuffer
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
freeMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

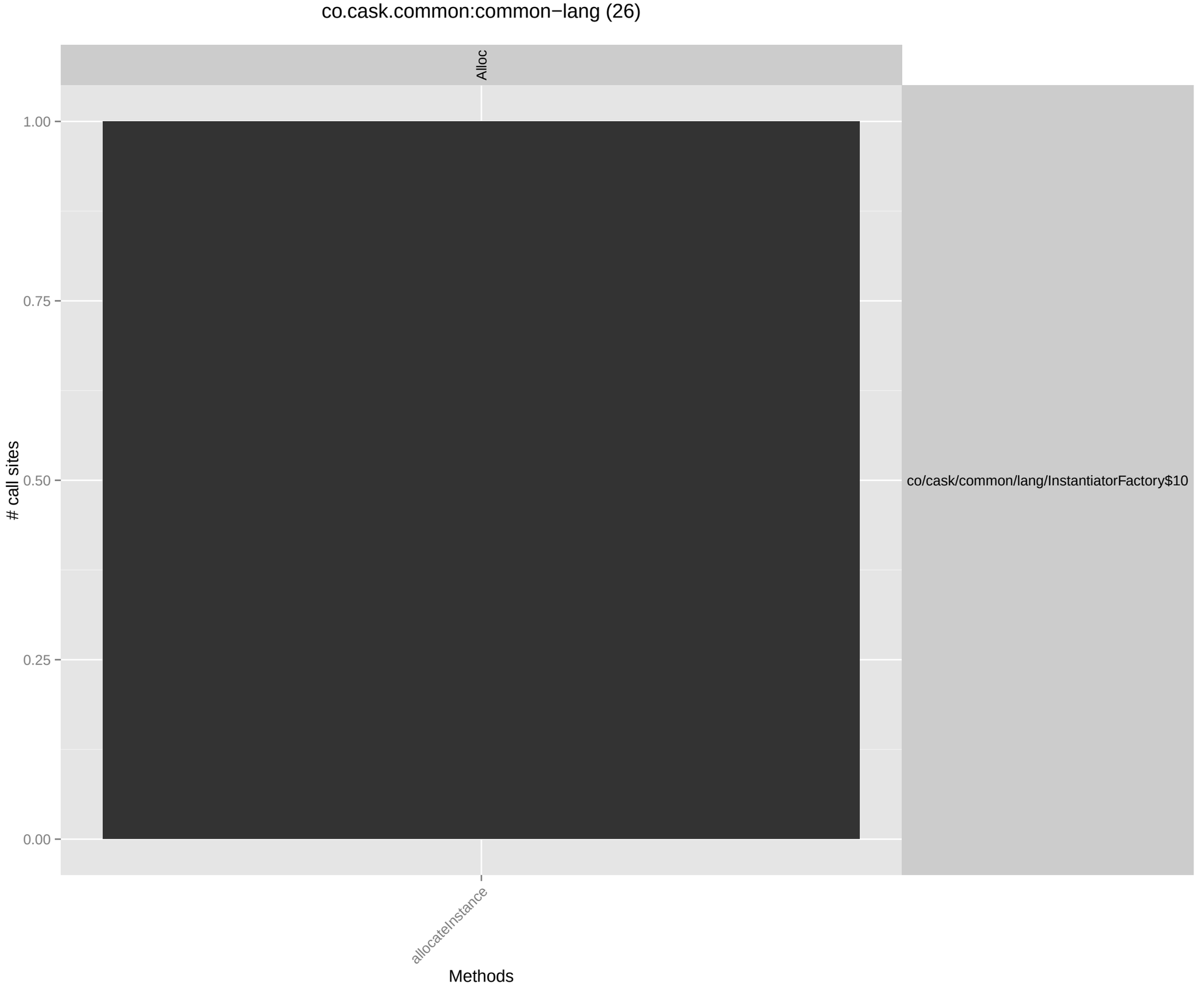

org.spark−project.akka:akka−actor_2.10 (30)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

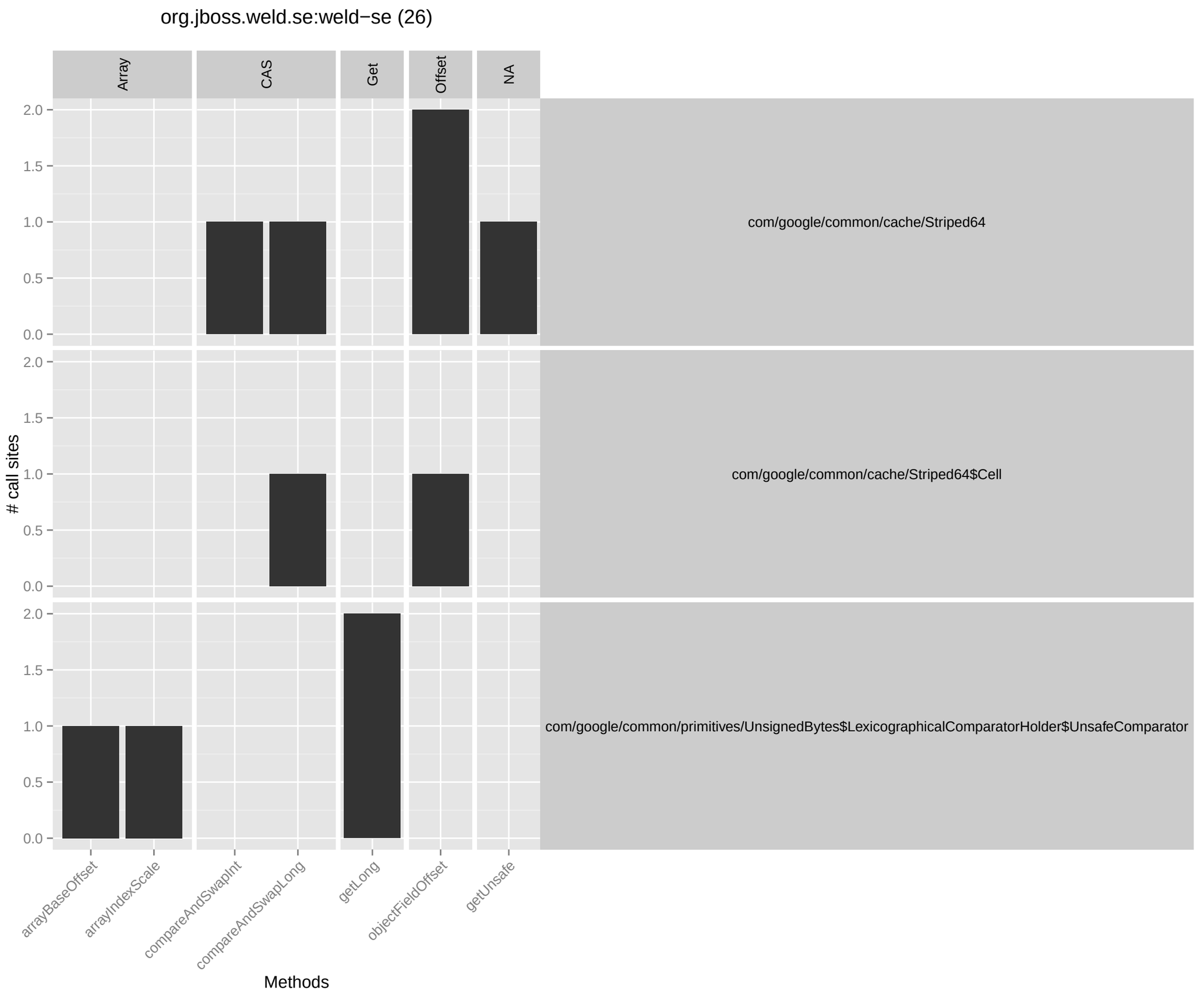

info.cukes:cucumber−jvm−deps (28)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
cucumber/deps/com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

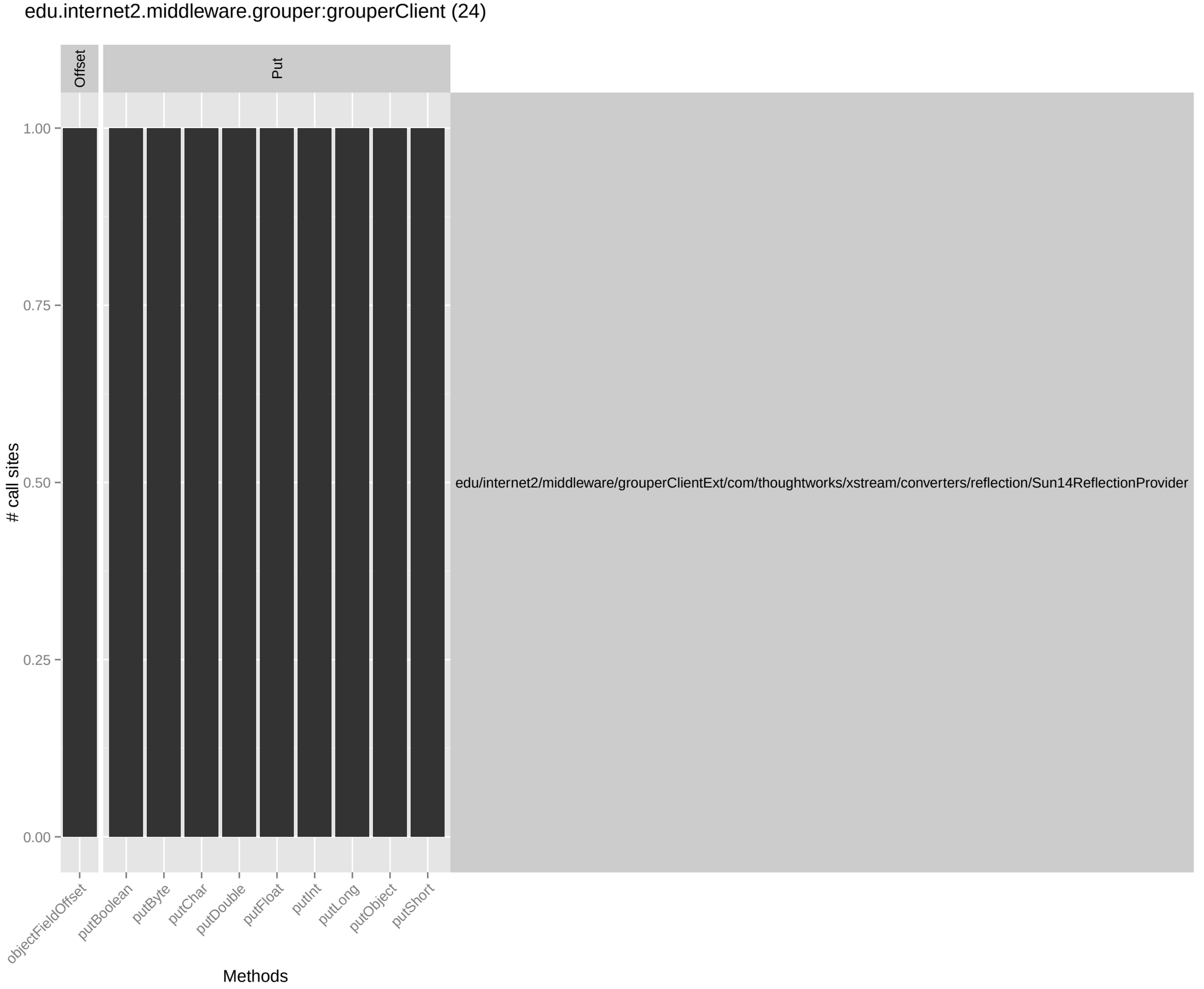

com.twitter:finagle−core_2.9.2 (27)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

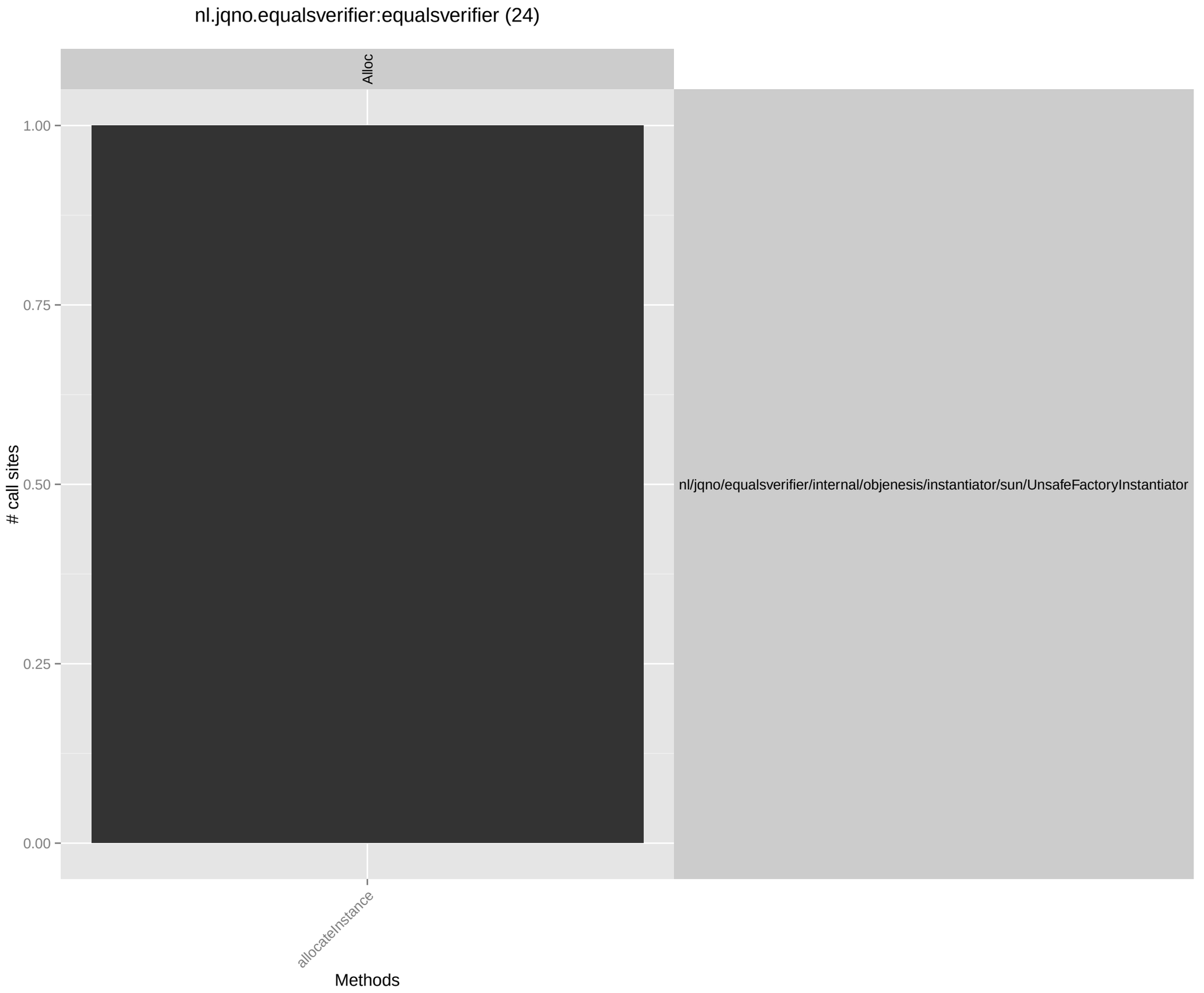

com.vaadin:vaadin (27)
Alloc
Array
Get
Offset
Put
com/google/gwt/rpc/server/CommandSerializationUtil
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$1
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$10
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$2
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$3
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$4
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$5
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$6
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$7
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$8
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$9
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

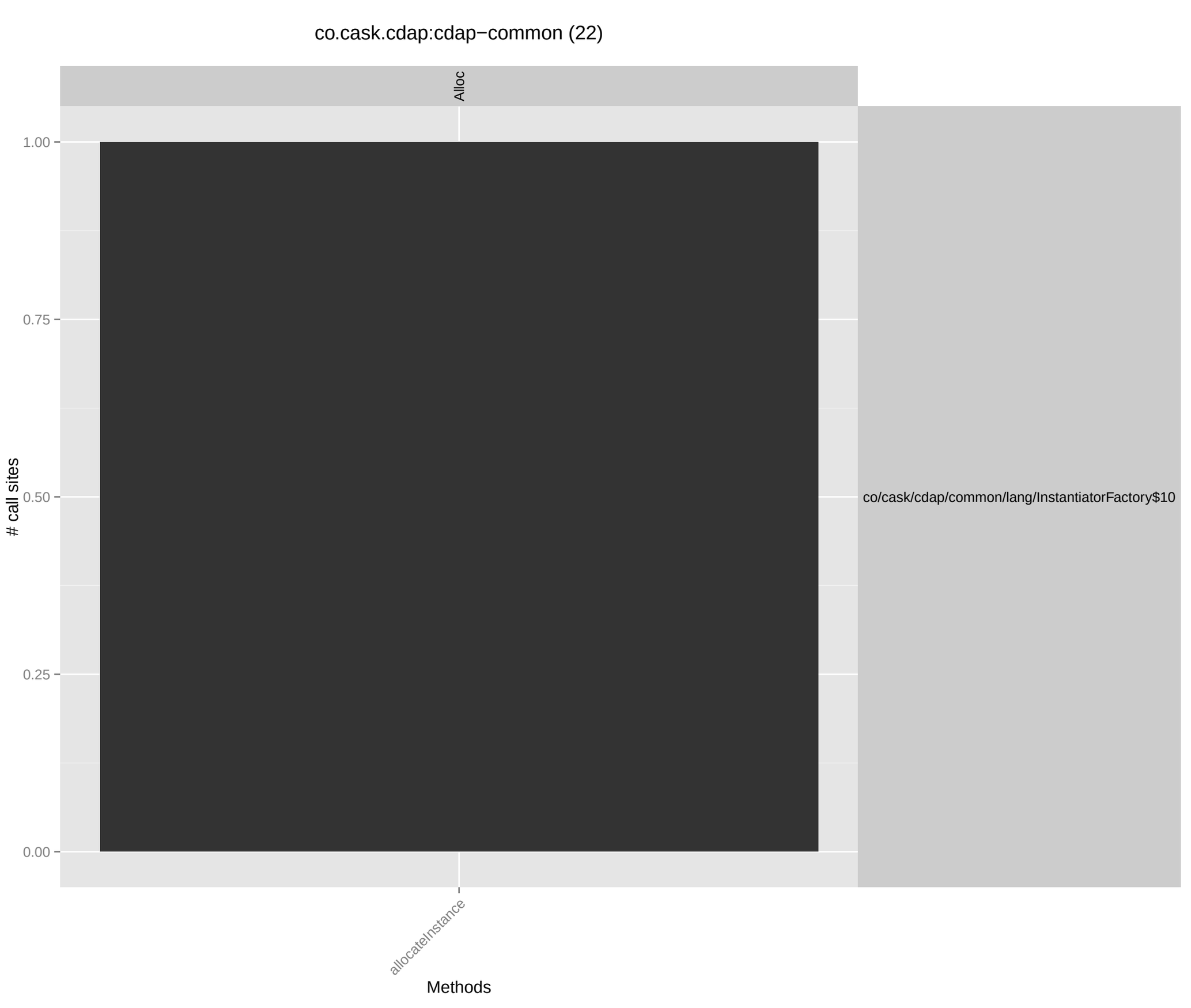

io.spray:spray−util_2.11 (27)
CAS
Get Volatile
Offset
Put Volatile
akka/spray/LazyActorRef
akka/spray/LazyActorRef$
akka/spray/UnregisteredActorRefBase
akka/spray/UnregisteredActorRefBase$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

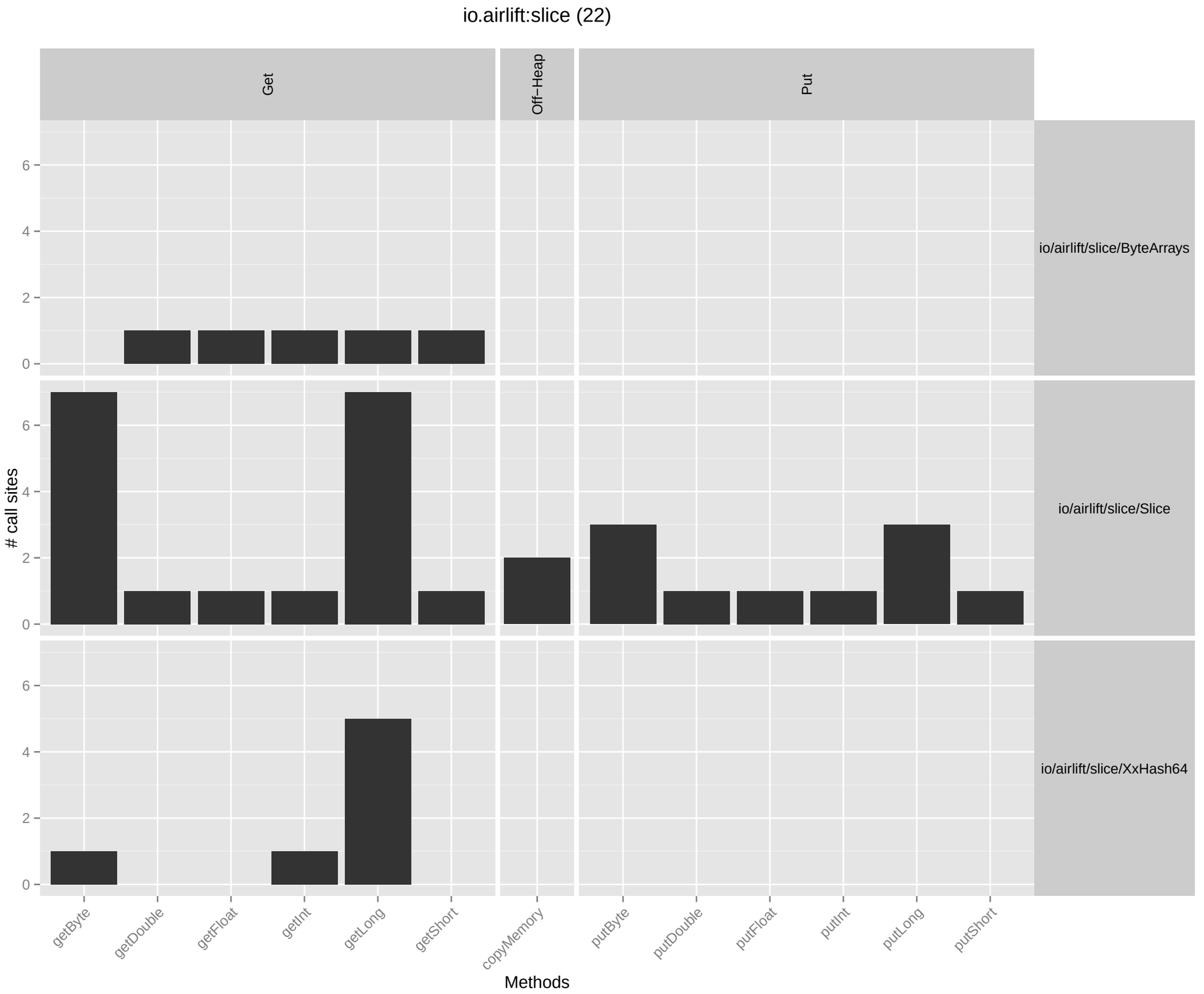

co.cask.common:common−lang (26)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/common/lang/InstantiatorFactory$10
allocateInstance
Methods

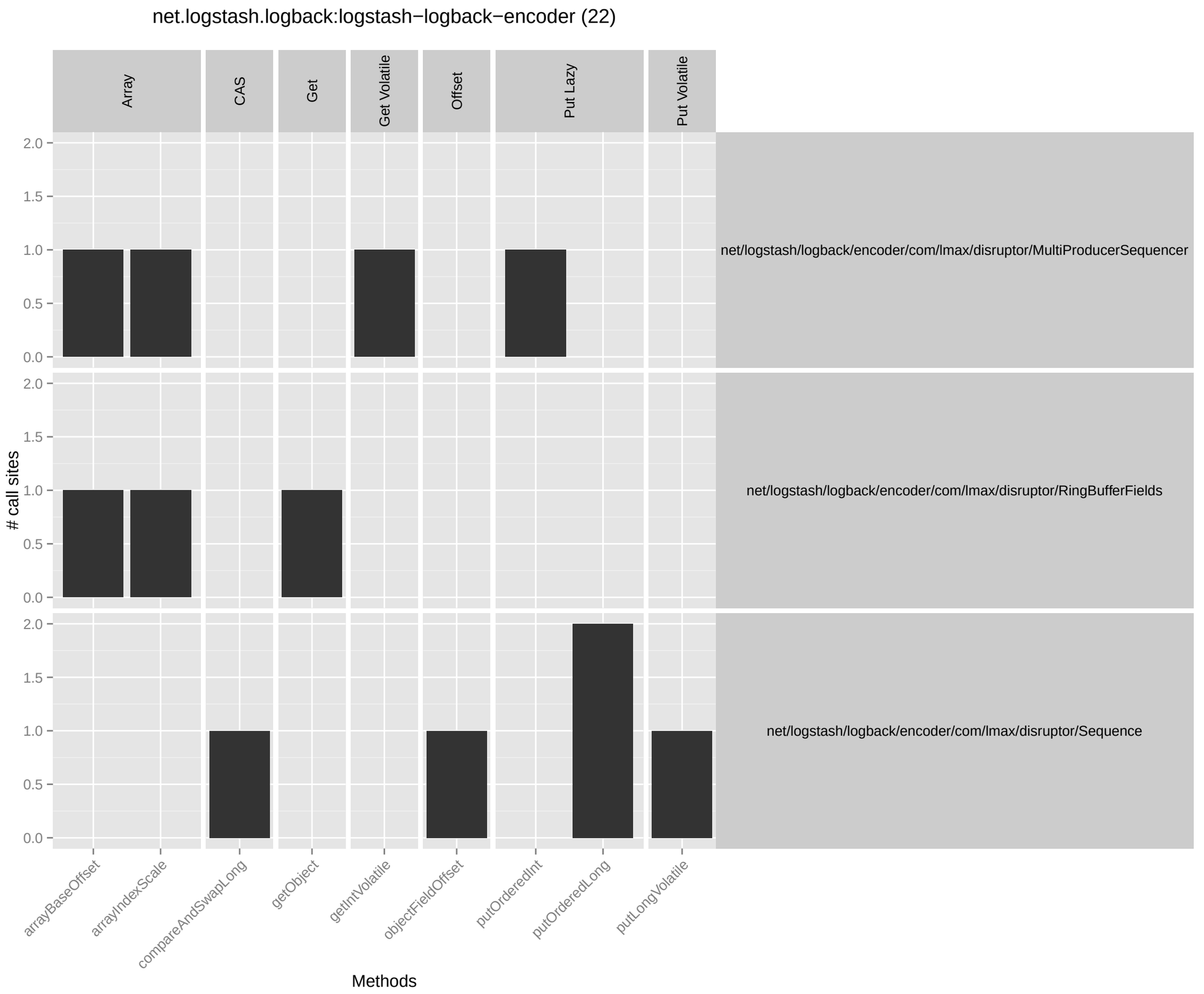

org.jboss.weld.se:weld−se (26)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

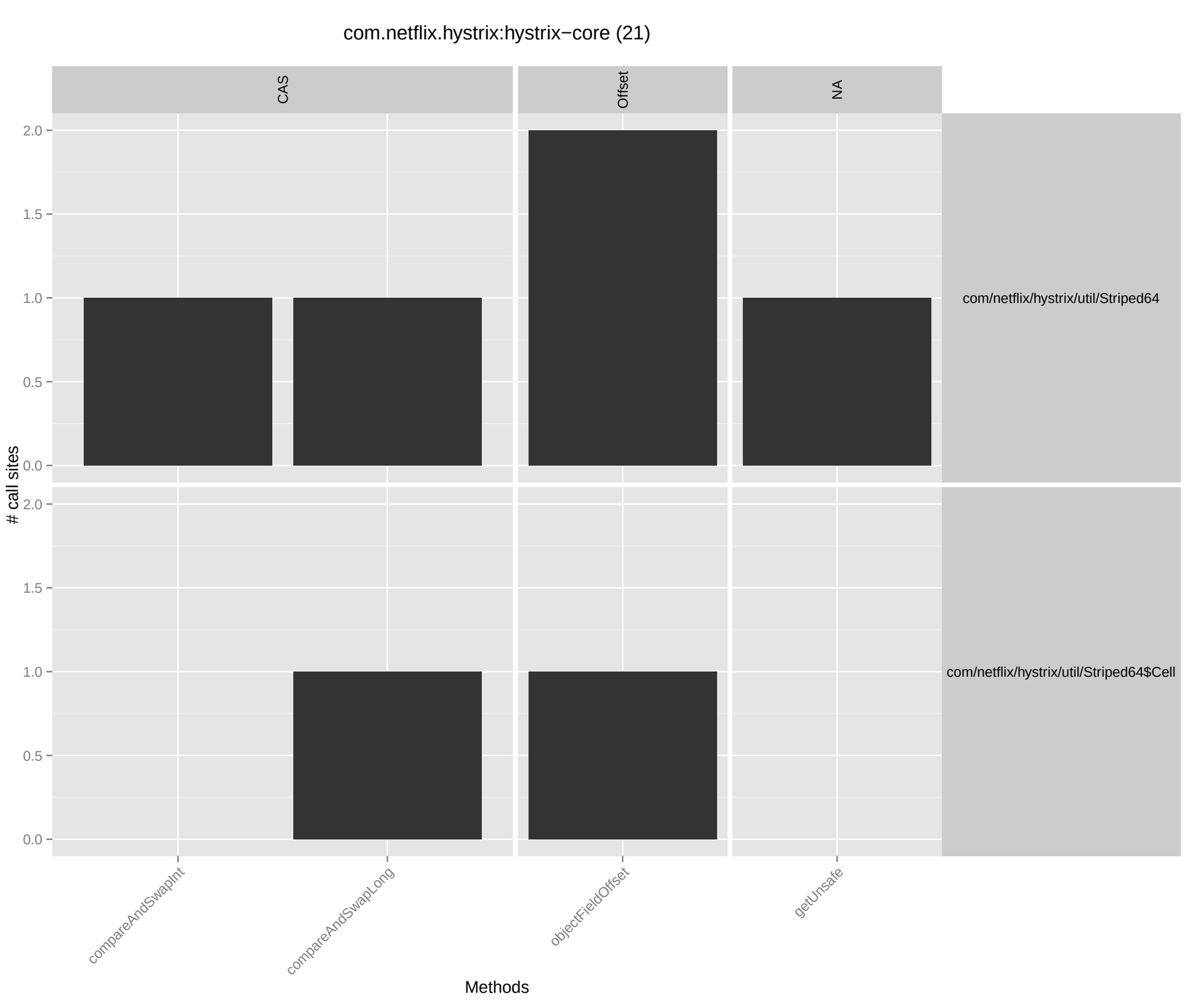

edu.internet2.middleware.grouper:grouperClient (24)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
edu/internet2/middleware/grouperClientExt/com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

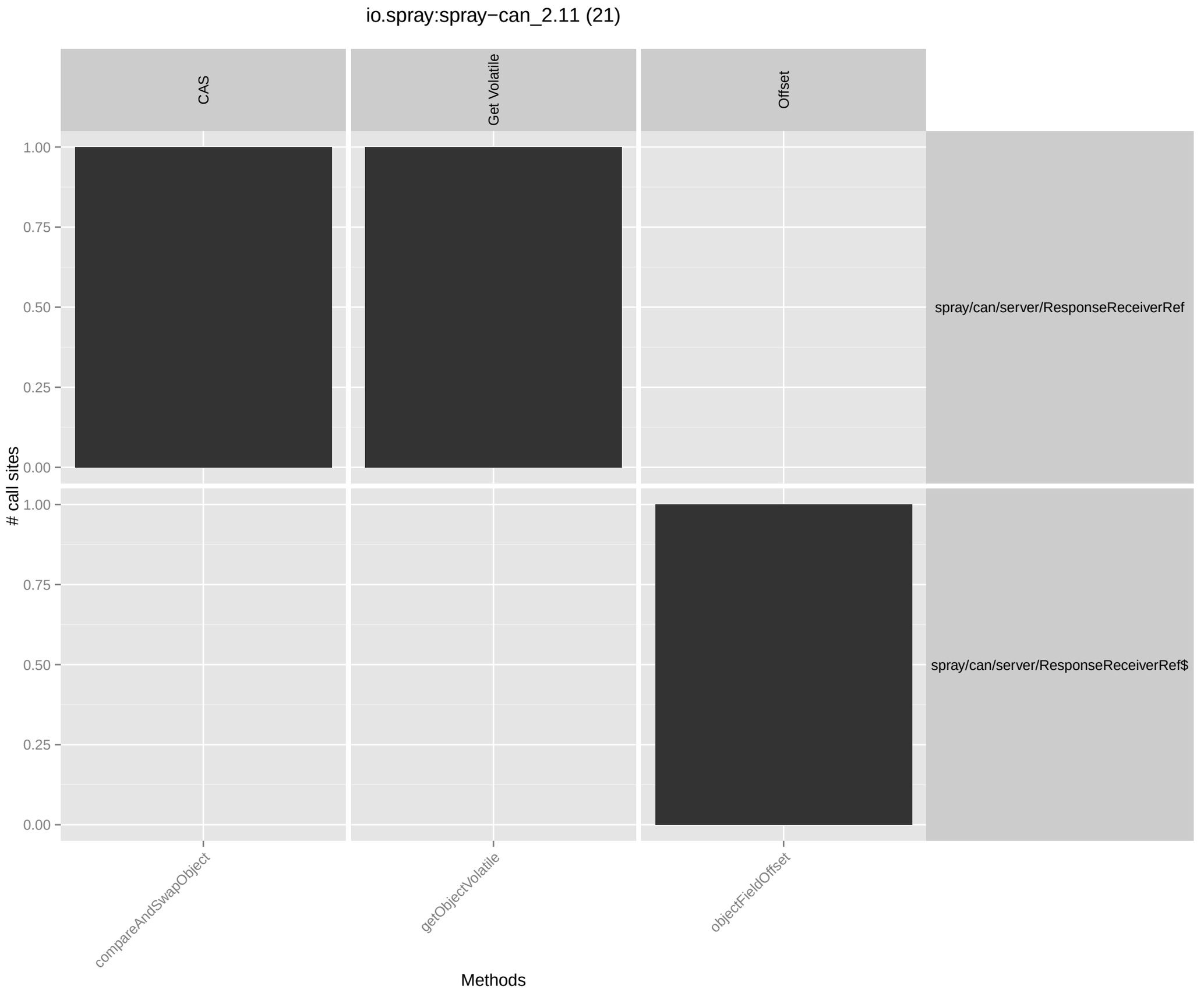

nl.jqno.equalsverifier:equalsverifier (24)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
nl/jqno/equalsverifier/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

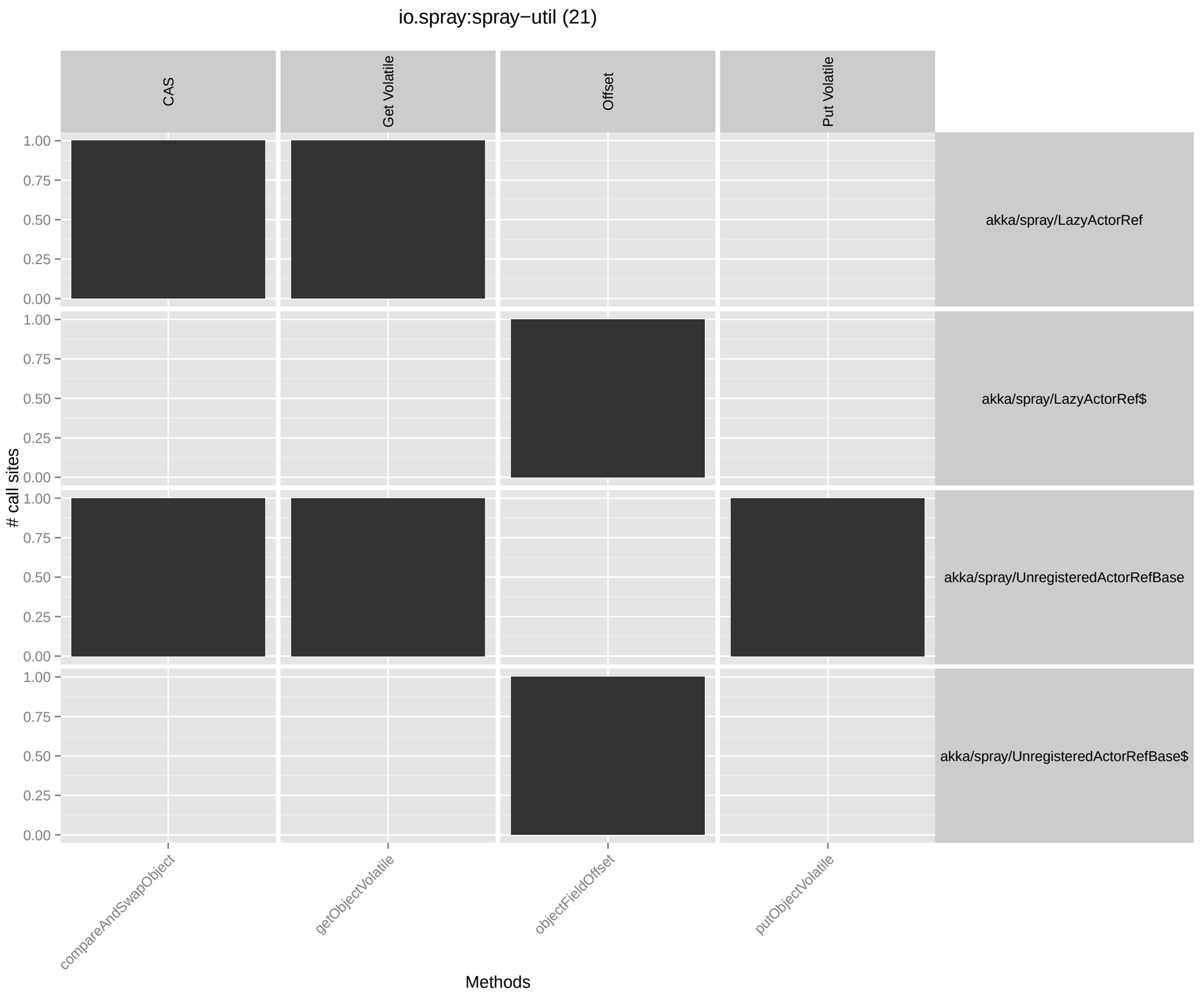

co.cask.cdap:cdap−common (22)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/cdap/common/lang/InstantiatorFactory$10
allocateInstance
Methods

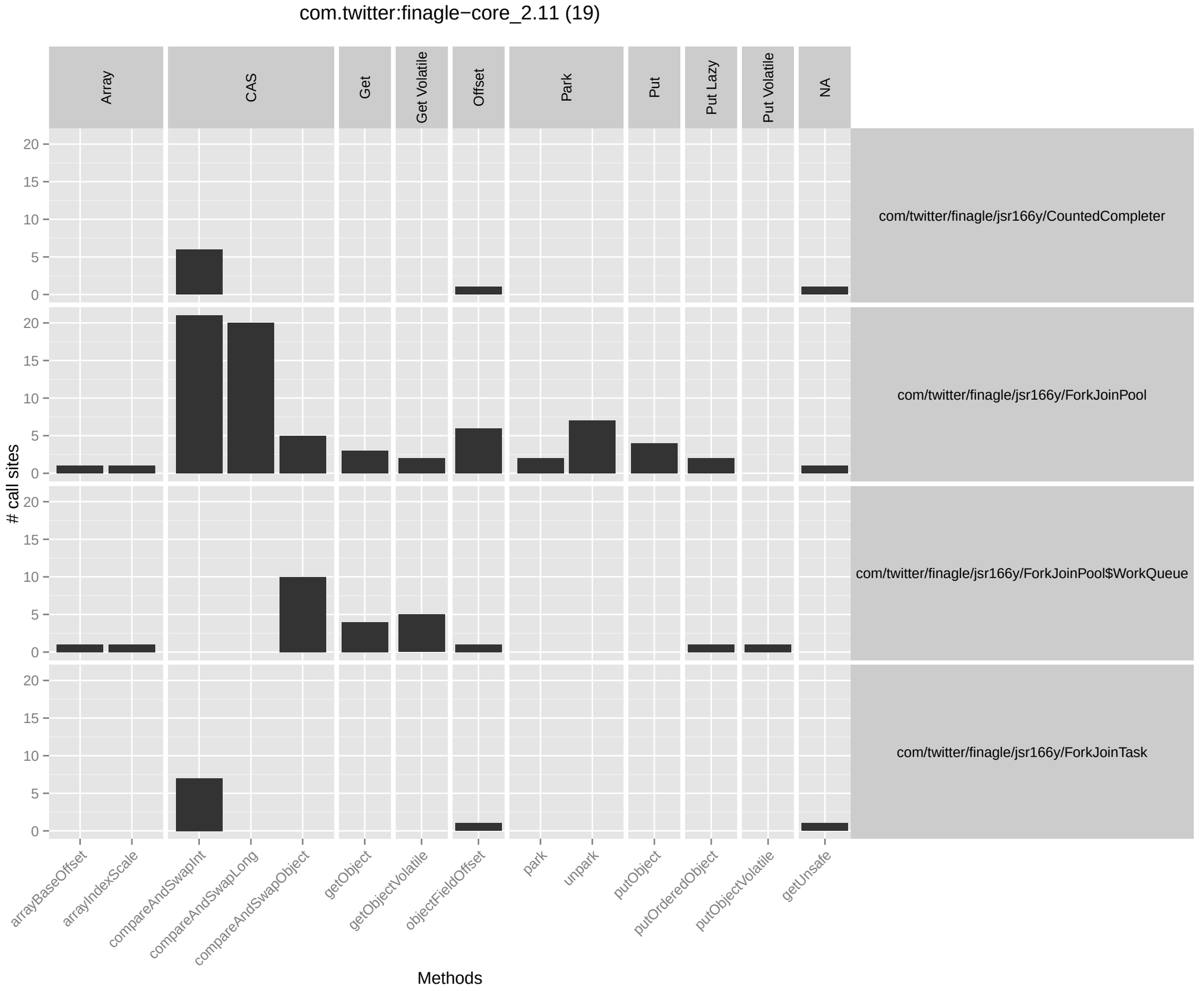

io.airlift:slice (22)
Get
Off−Heap
Put
io/airlift/slice/ByteArrays
io/airlift/slice/Slice
io/airlift/slice/XxHash64
call sites
0
2
4
6
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

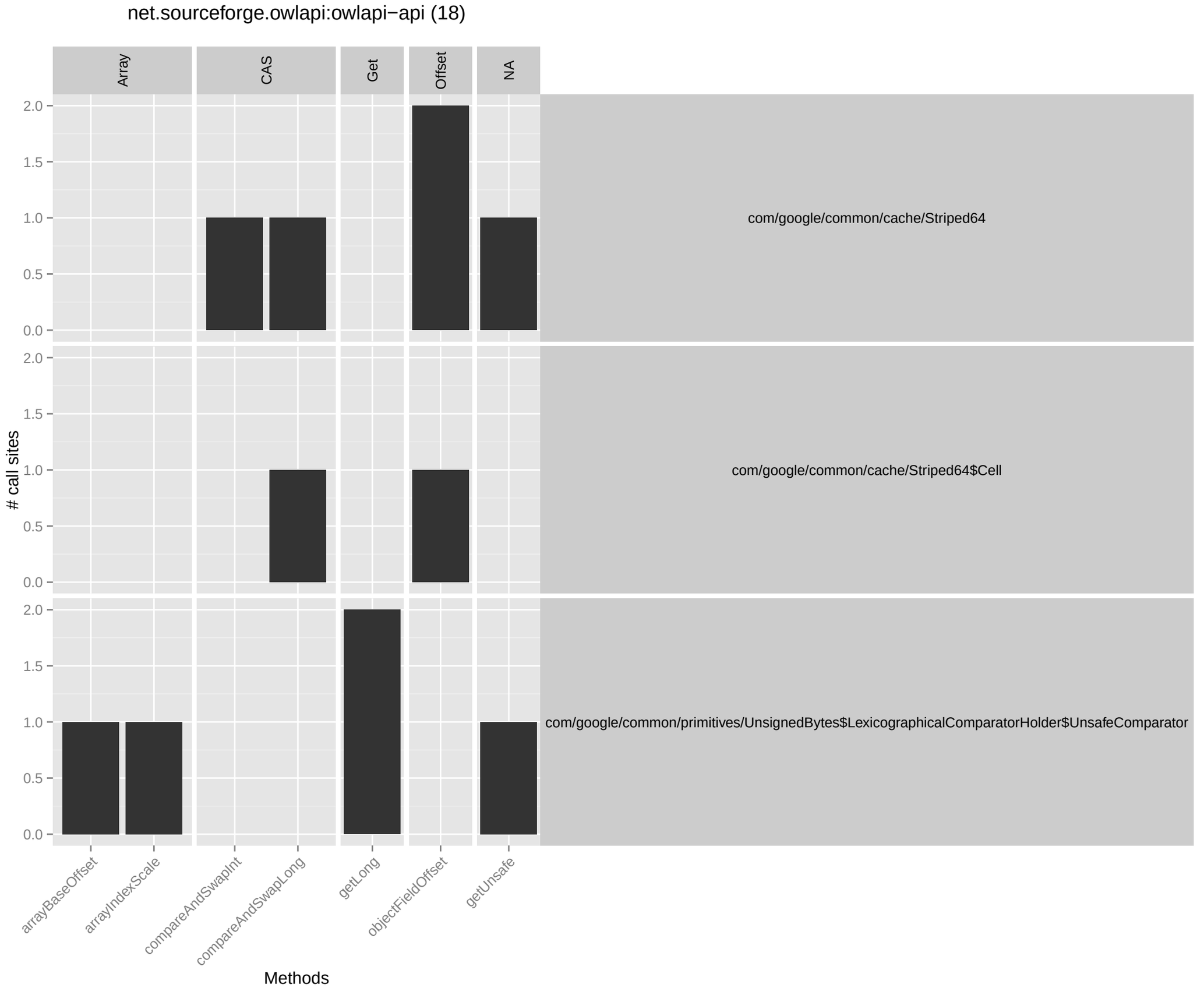

net.logstash.logback:logstash−logback−encoder (22)
Array
CAS
Get
Get Volatile
Offset
Put Lazy
Put Volatile
net/logstash/logback/encoder/com/lmax/disruptor/MultiProducerSequencer
net/logstash/logback/encoder/com/lmax/disruptor/RingBufferFields
net/logstash/logback/encoder/com/lmax/disruptor/Sequence
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getObject
getIntVolatile
objectFieldOffset
putOrderedInt
putOrderedLong
putLongVolatile
Methods

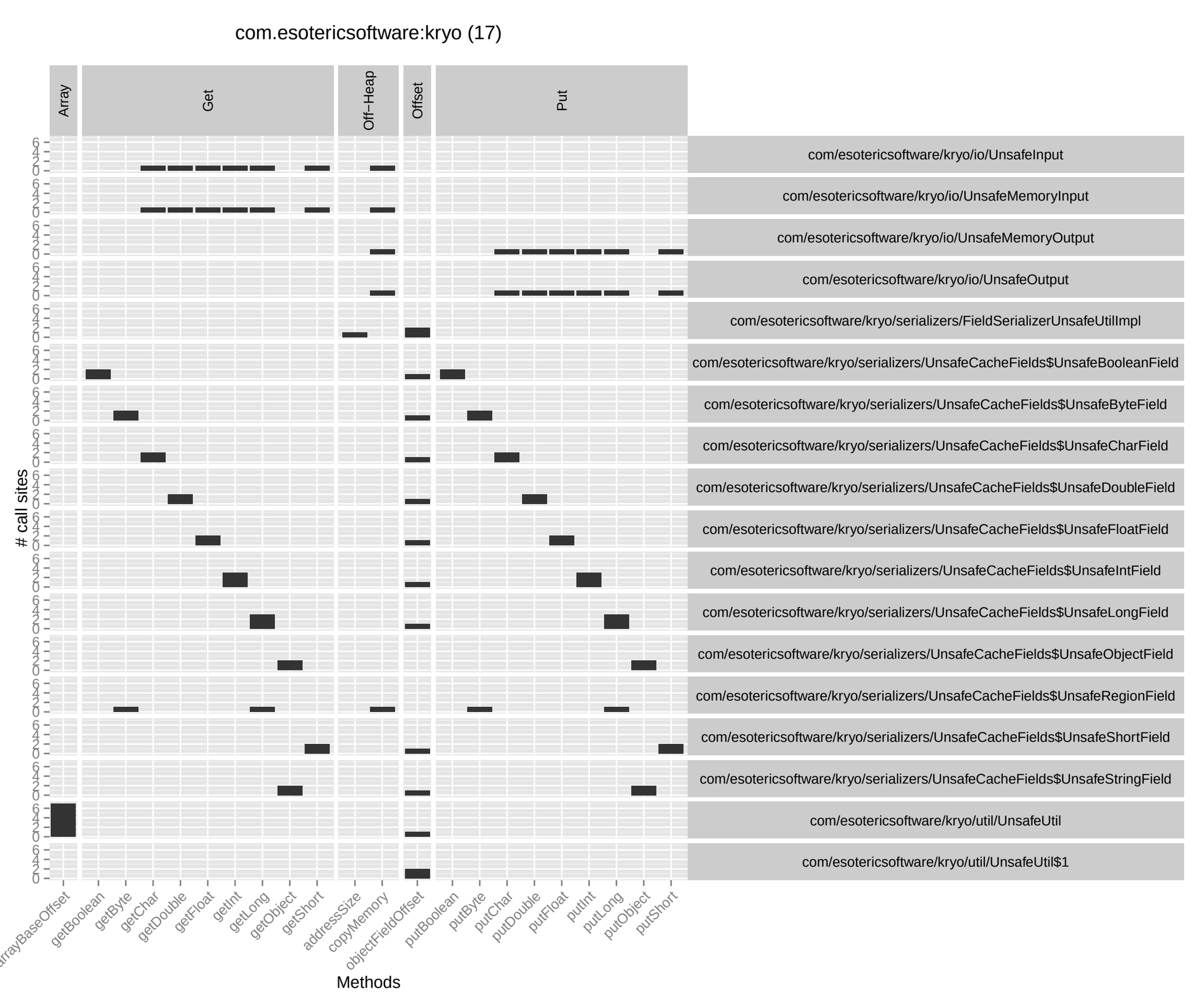

com.netflix.hystrix:hystrix−core (21)
CAS
Offset
NA
com/netflix/hystrix/util/Striped64
com/netflix/hystrix/util/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

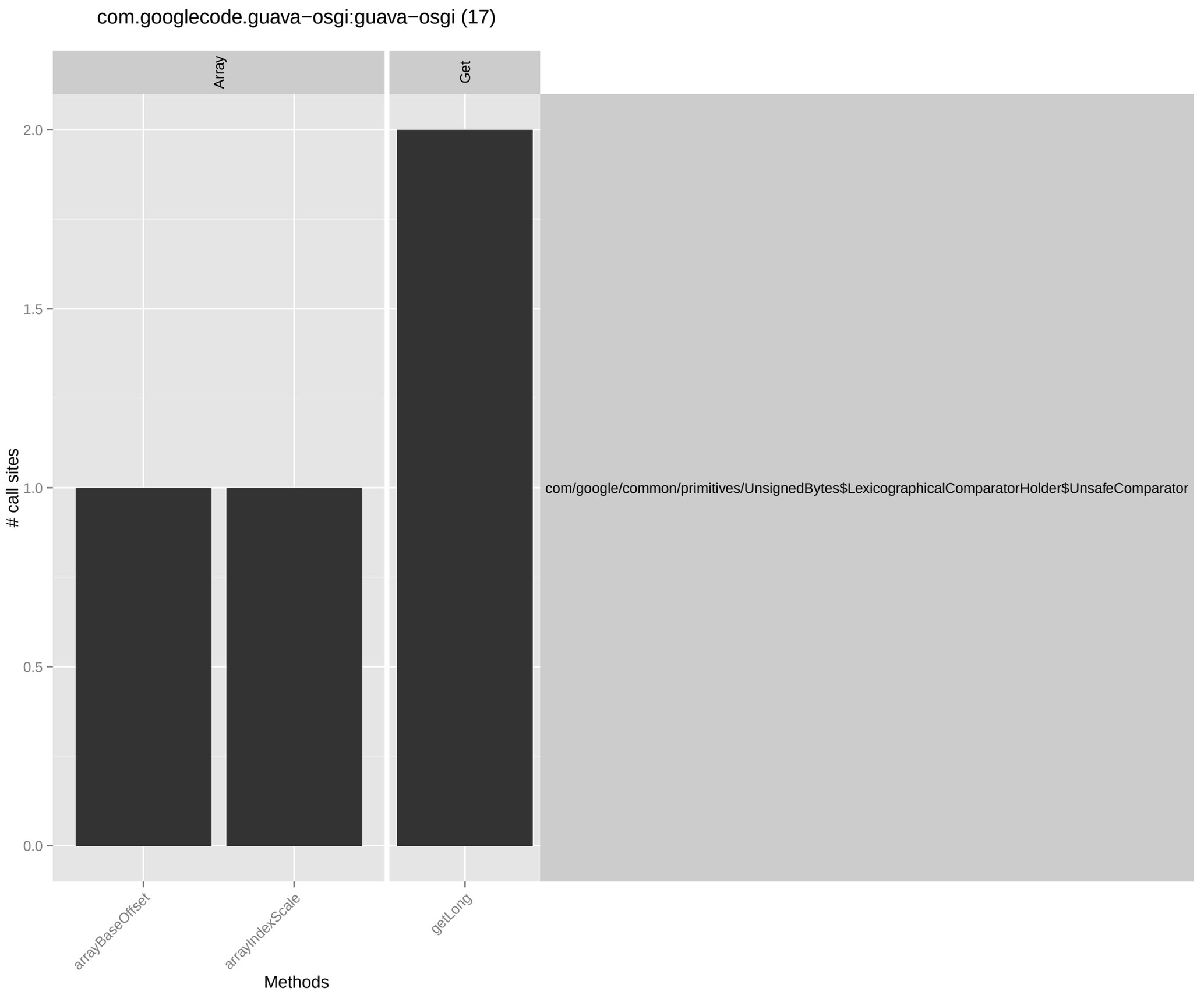

io.spray:spray−can_2.11 (21)
CAS
Get Volatile
Offset
spray/can/server/ResponseReceiverRef
spray/can/server/ResponseReceiverRef$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
Methods

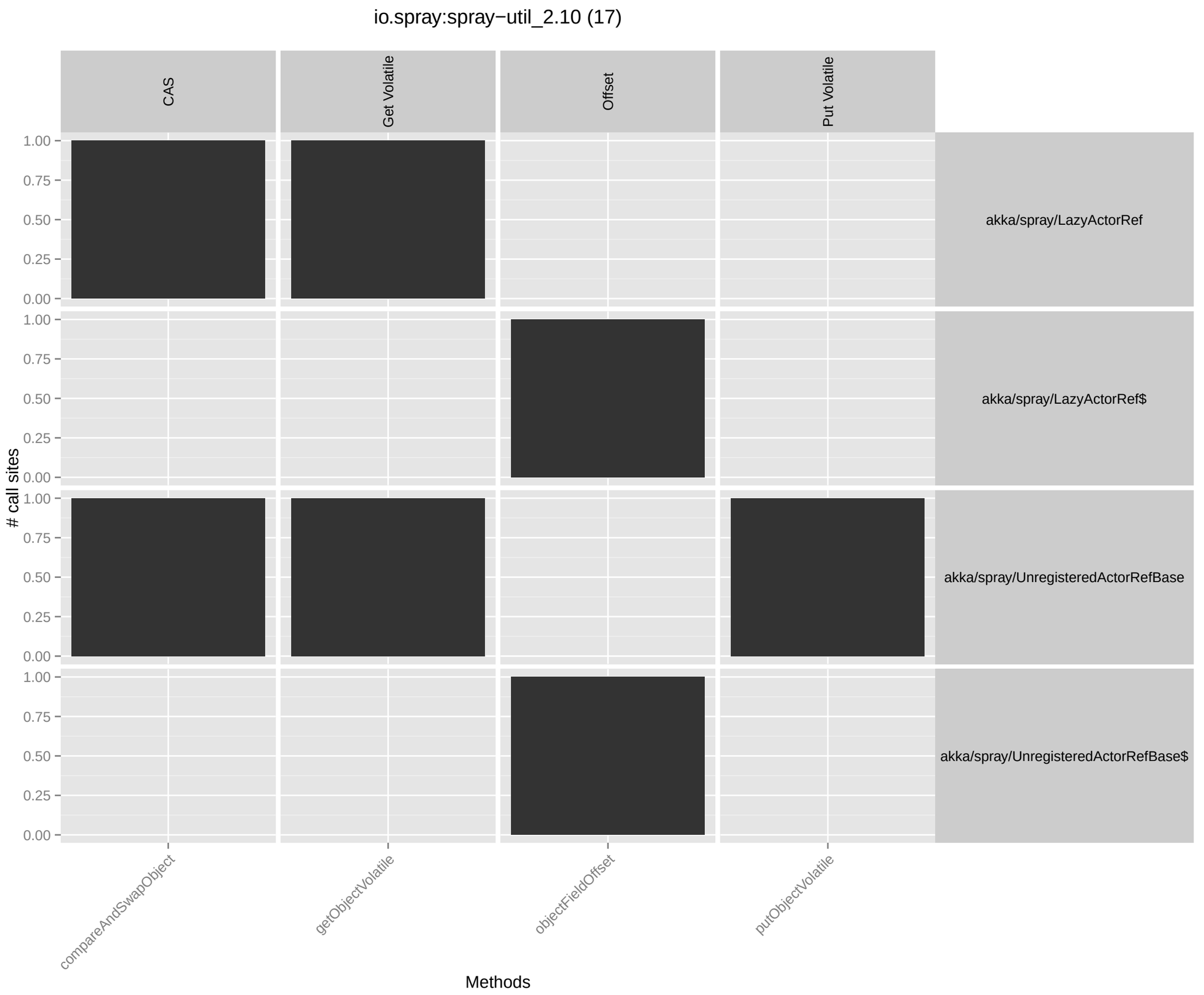

io.spray:spray−util (21)
CAS
Get Volatile
Offset
Put Volatile
akka/spray/LazyActorRef
akka/spray/LazyActorRef$
akka/spray/UnregisteredActorRefBase
akka/spray/UnregisteredActorRefBase$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

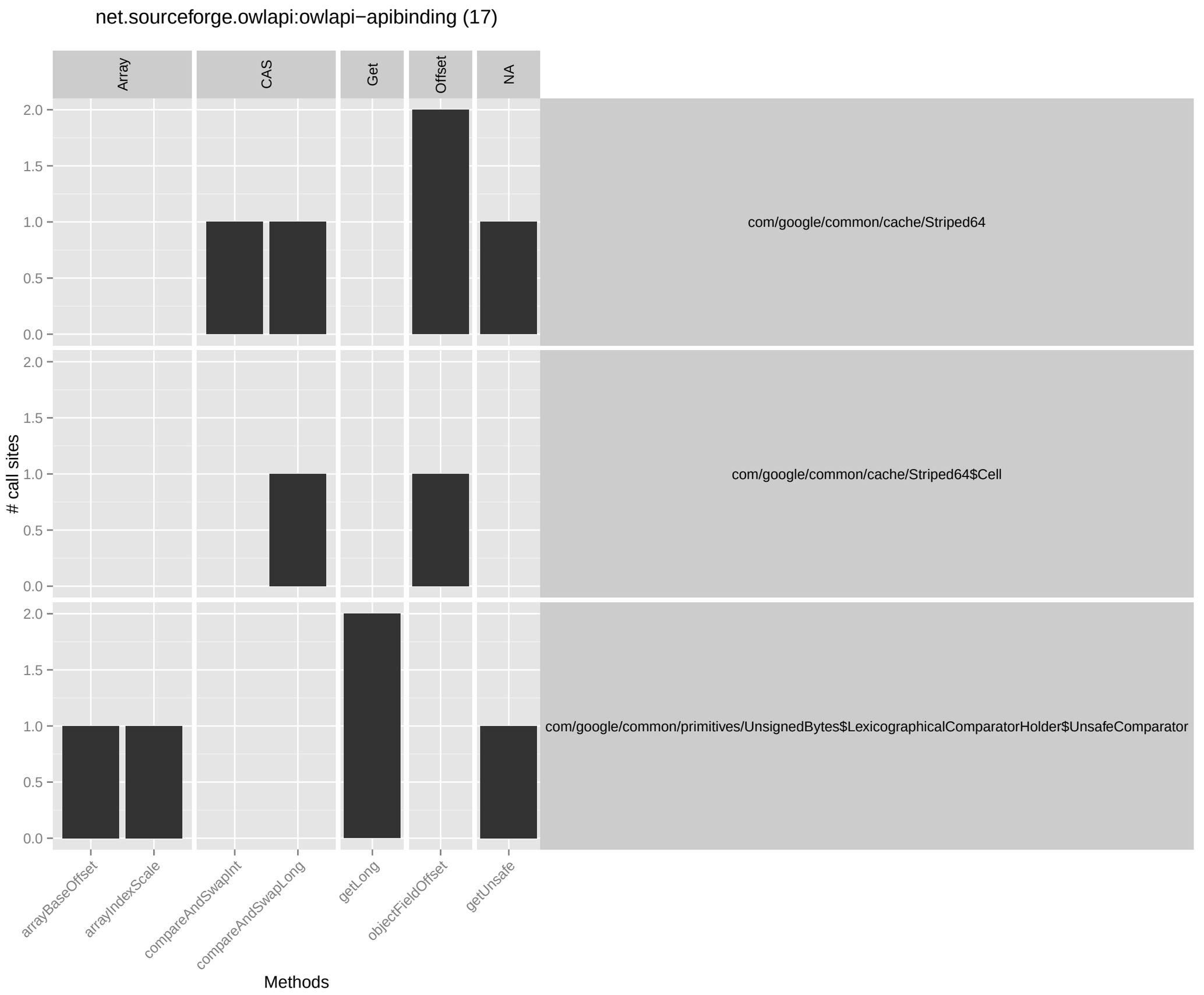

com.twitter:finagle−core_2.11 (19)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

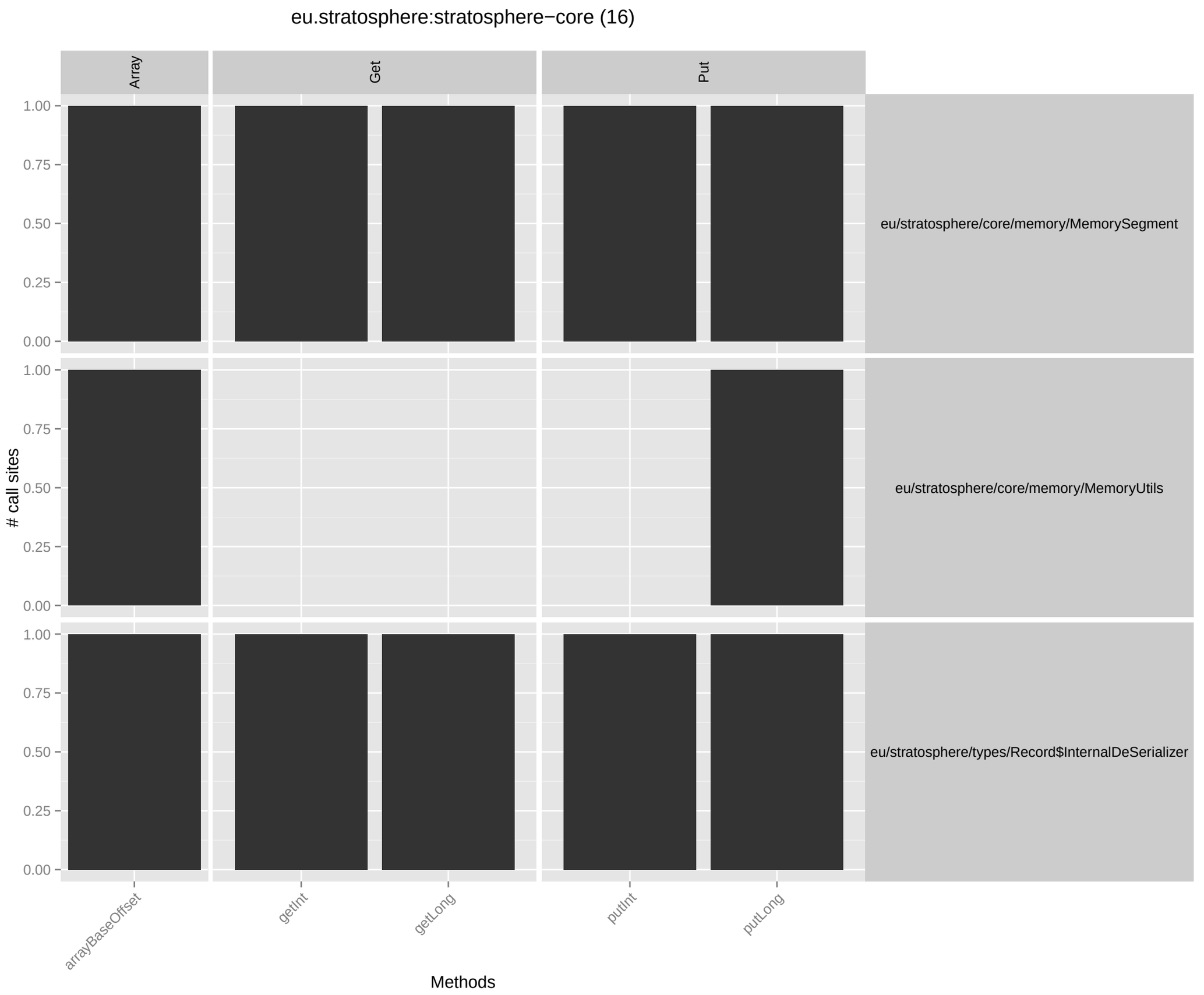

net.sourceforge.owlapi:owlapi−api (18)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

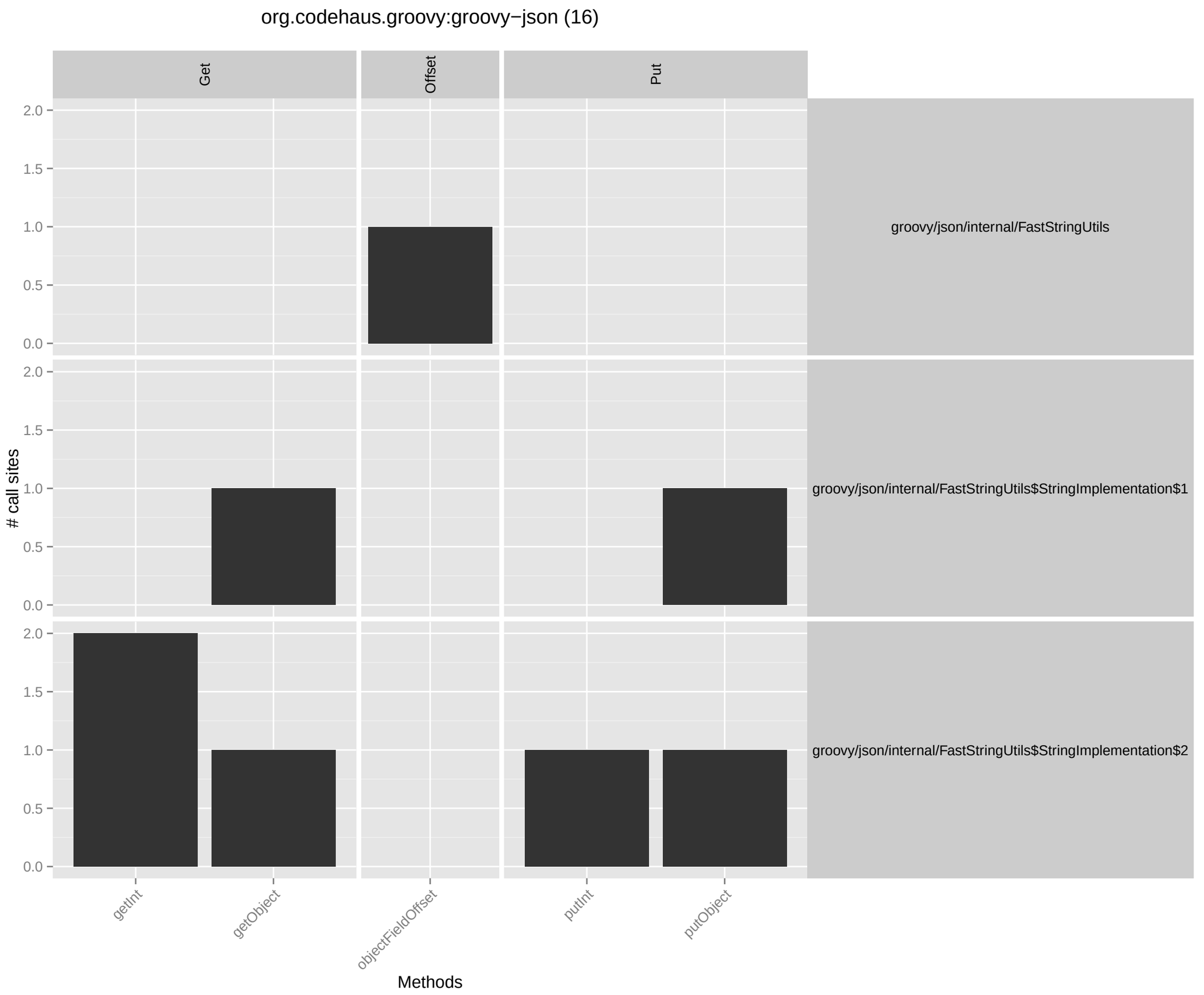

com.esotericsoftware:kryo (17)
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

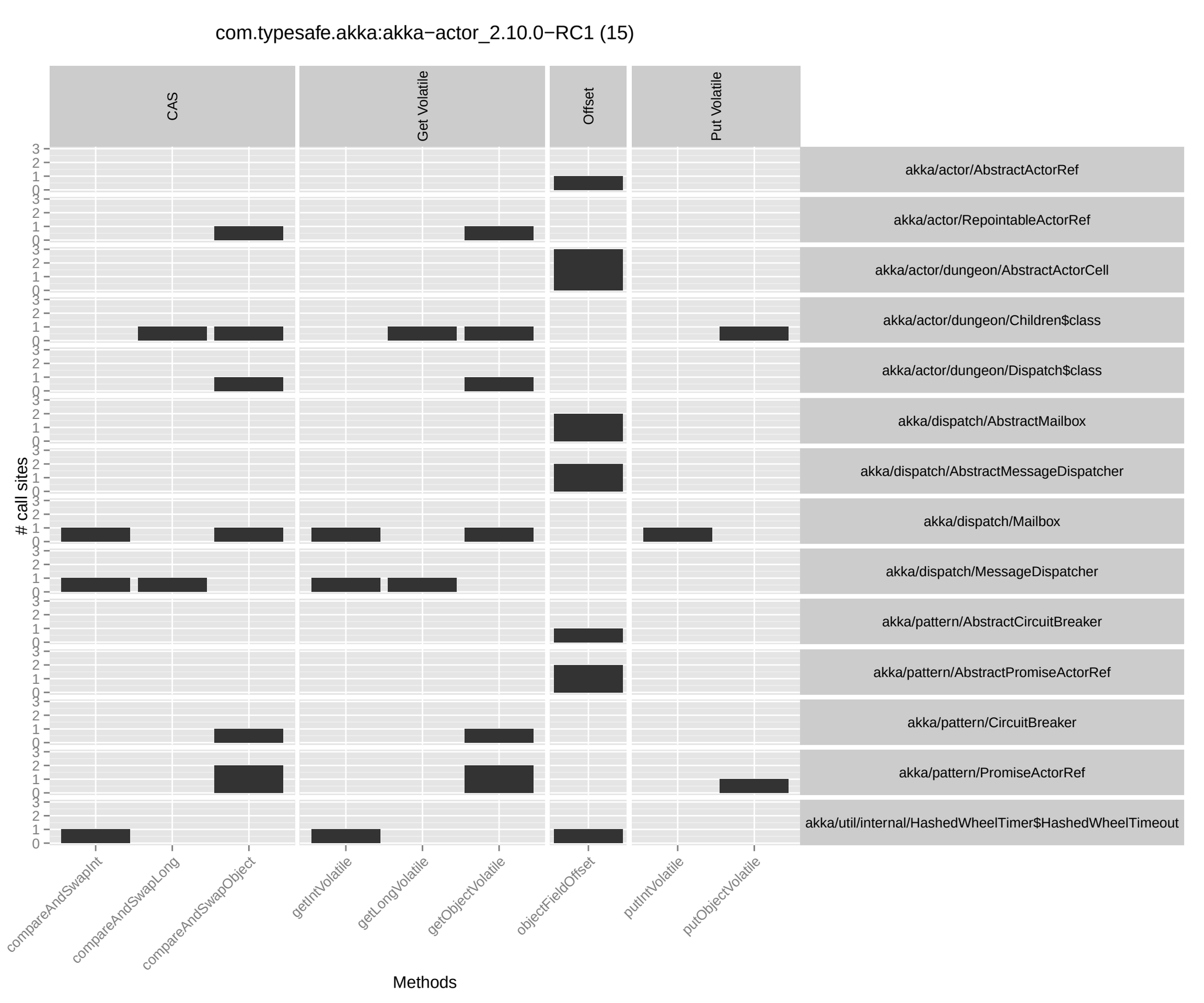

com.googlecode.guava−osgi:guava−osgi (17)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

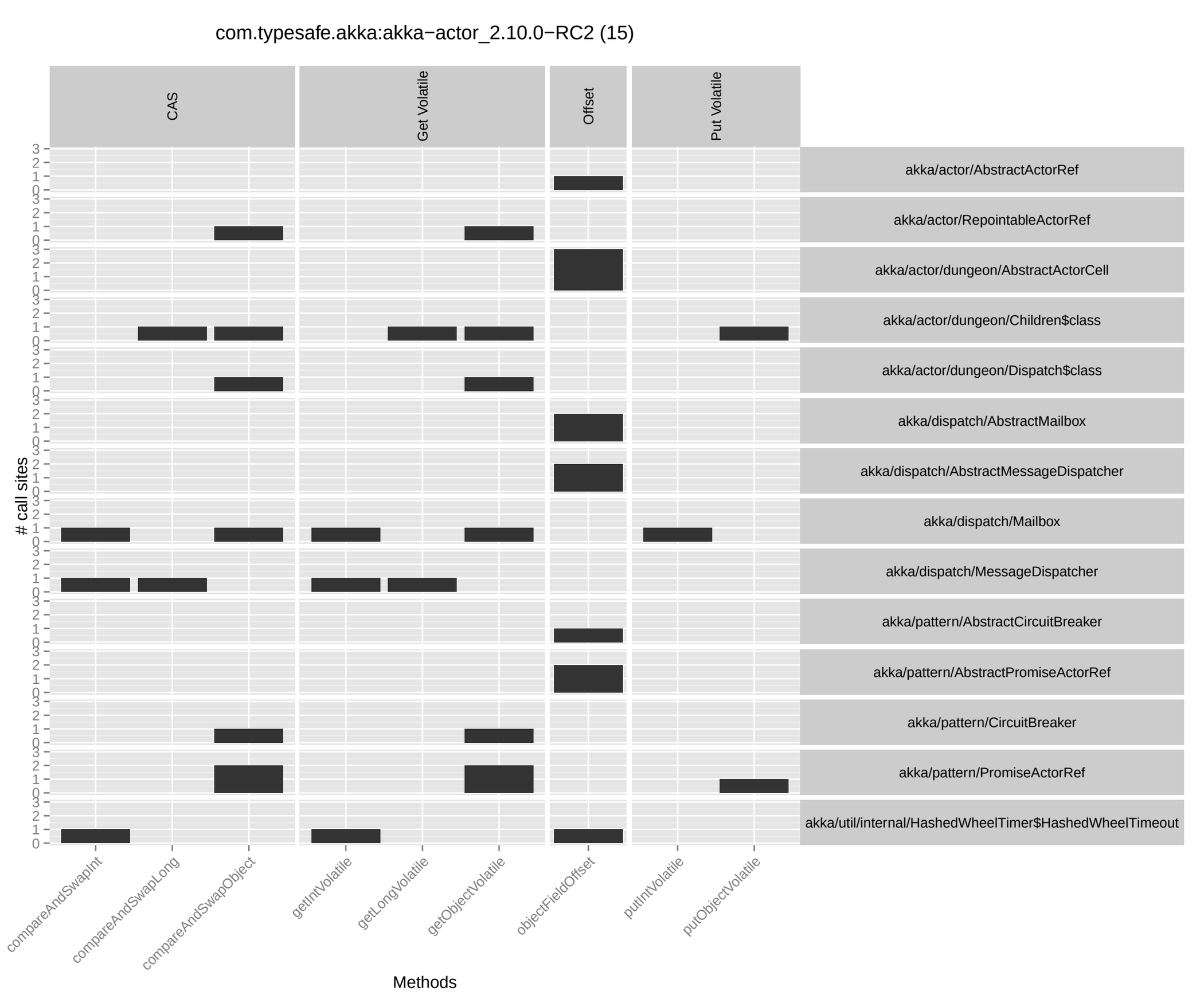

io.spray:spray−util_2.10 (17)
CAS
Get Volatile
Offset
Put Volatile
akka/spray/LazyActorRef
akka/spray/LazyActorRef$
akka/spray/UnregisteredActorRefBase
akka/spray/UnregisteredActorRefBase$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

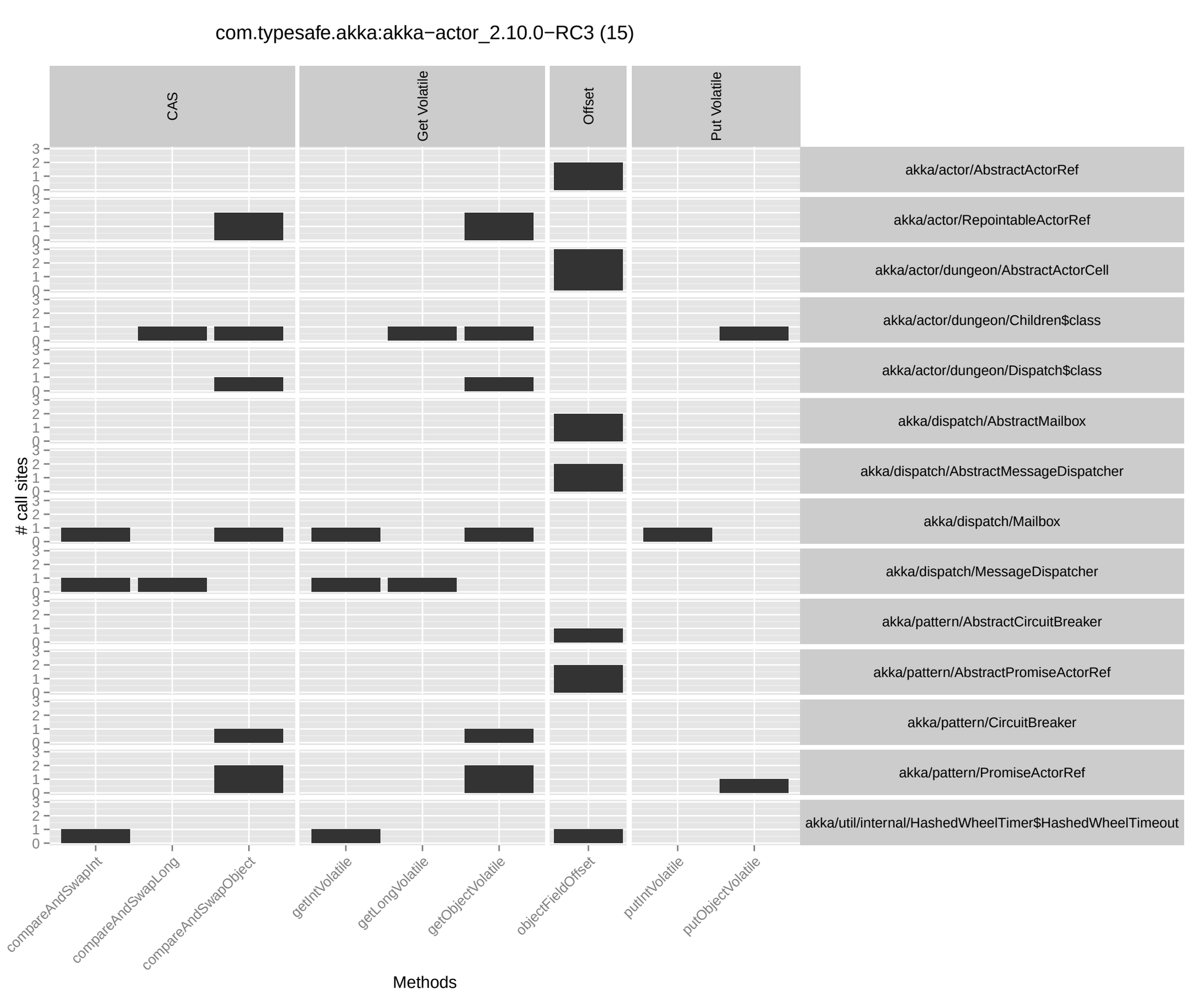

net.sourceforge.owlapi:owlapi−apibinding (17)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

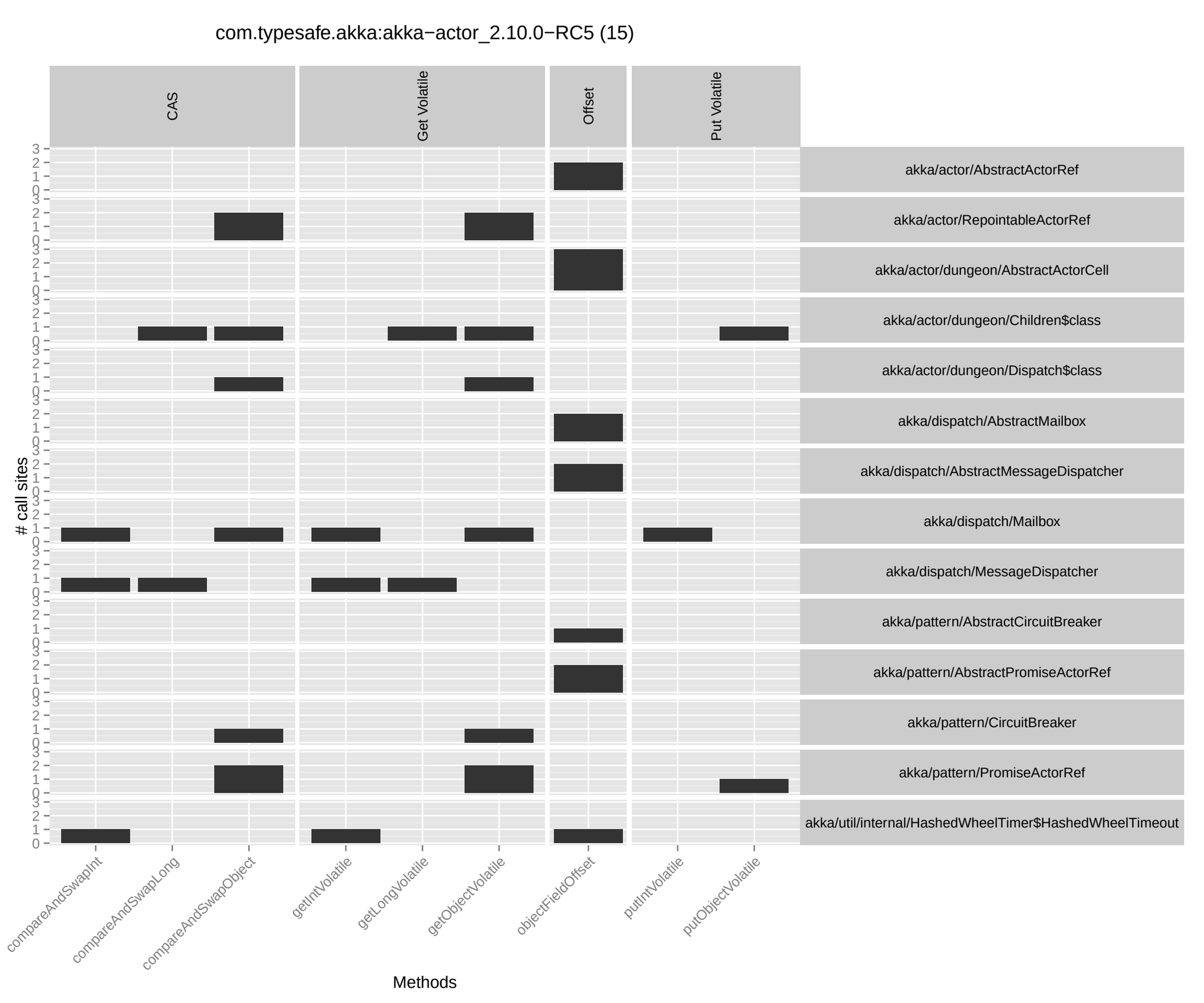

eu.stratosphere:stratosphere−core (16)
Array
Get
Put
eu/stratosphere/core/memory/MemorySegment
eu/stratosphere/core/memory/MemoryUtils
eu/stratosphere/types/Record$InternalDeSerializer
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

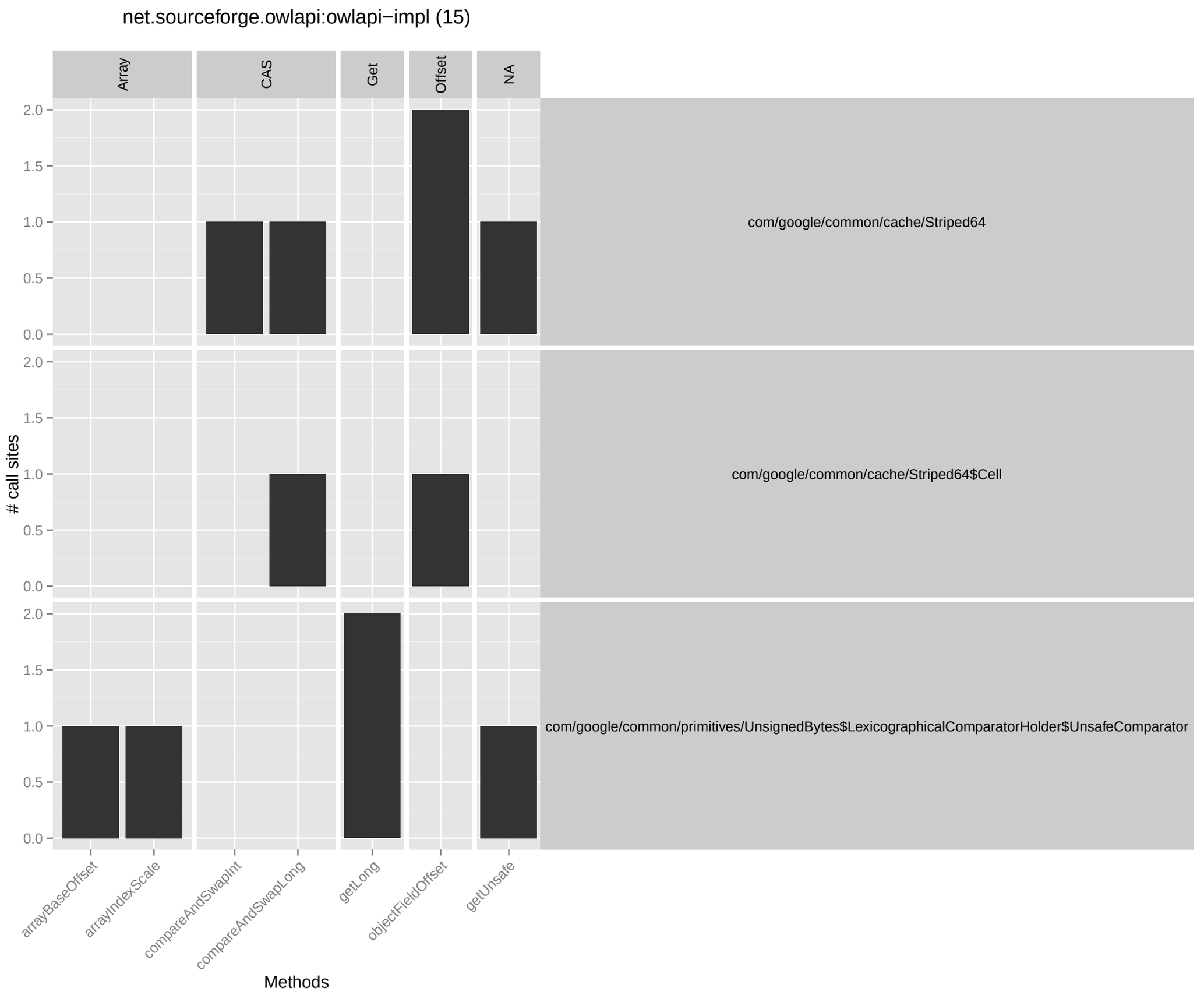

org.codehaus.groovy:groovy−json (16)
Get
Offset
Put
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

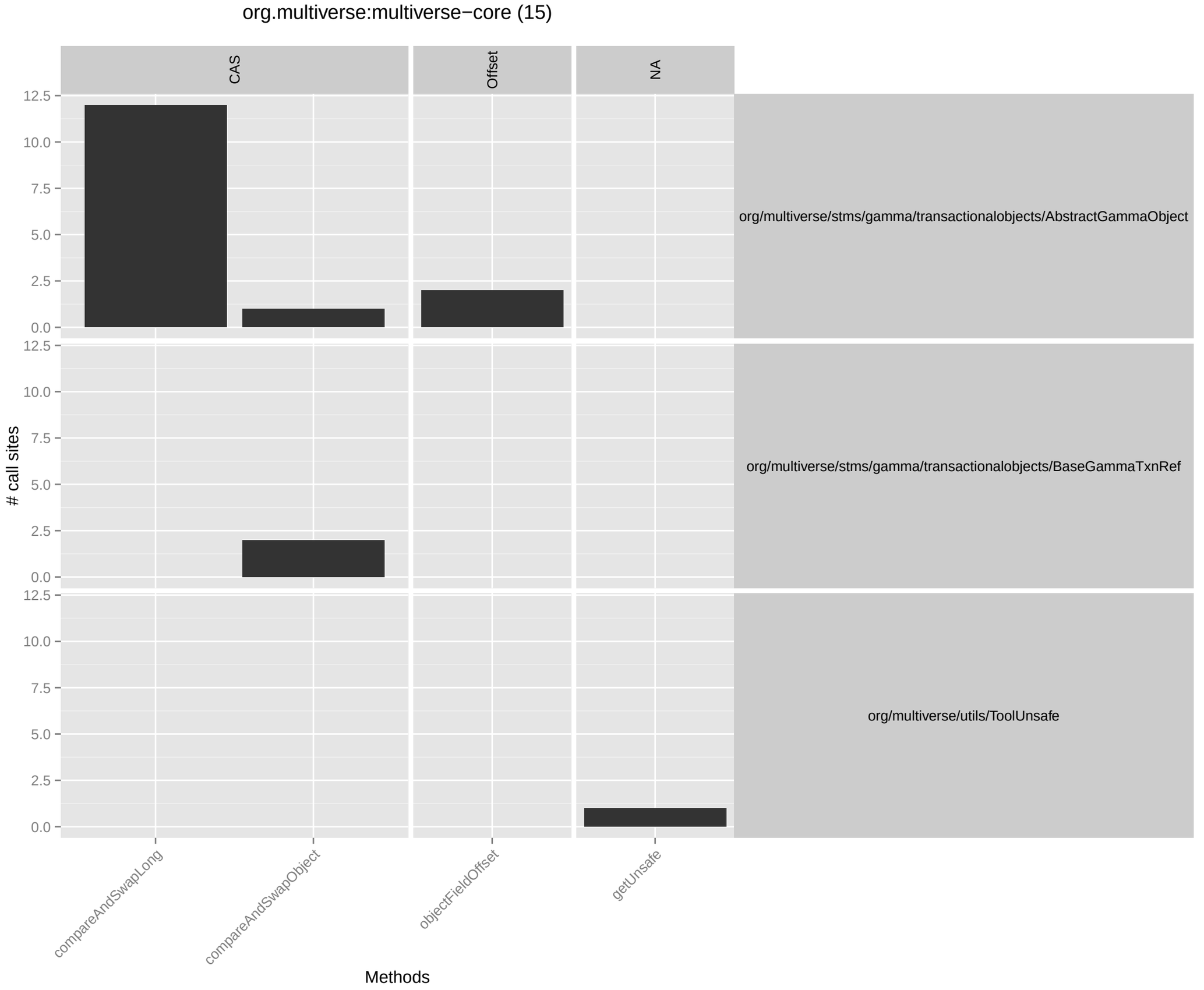

com.typesafe.akka:akka−actor_2.10.0−RC1 (15)
CAS
Get Volatile
Offset
Put Volatile
akka/actor/AbstractActorRef
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
0
1
2
3
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

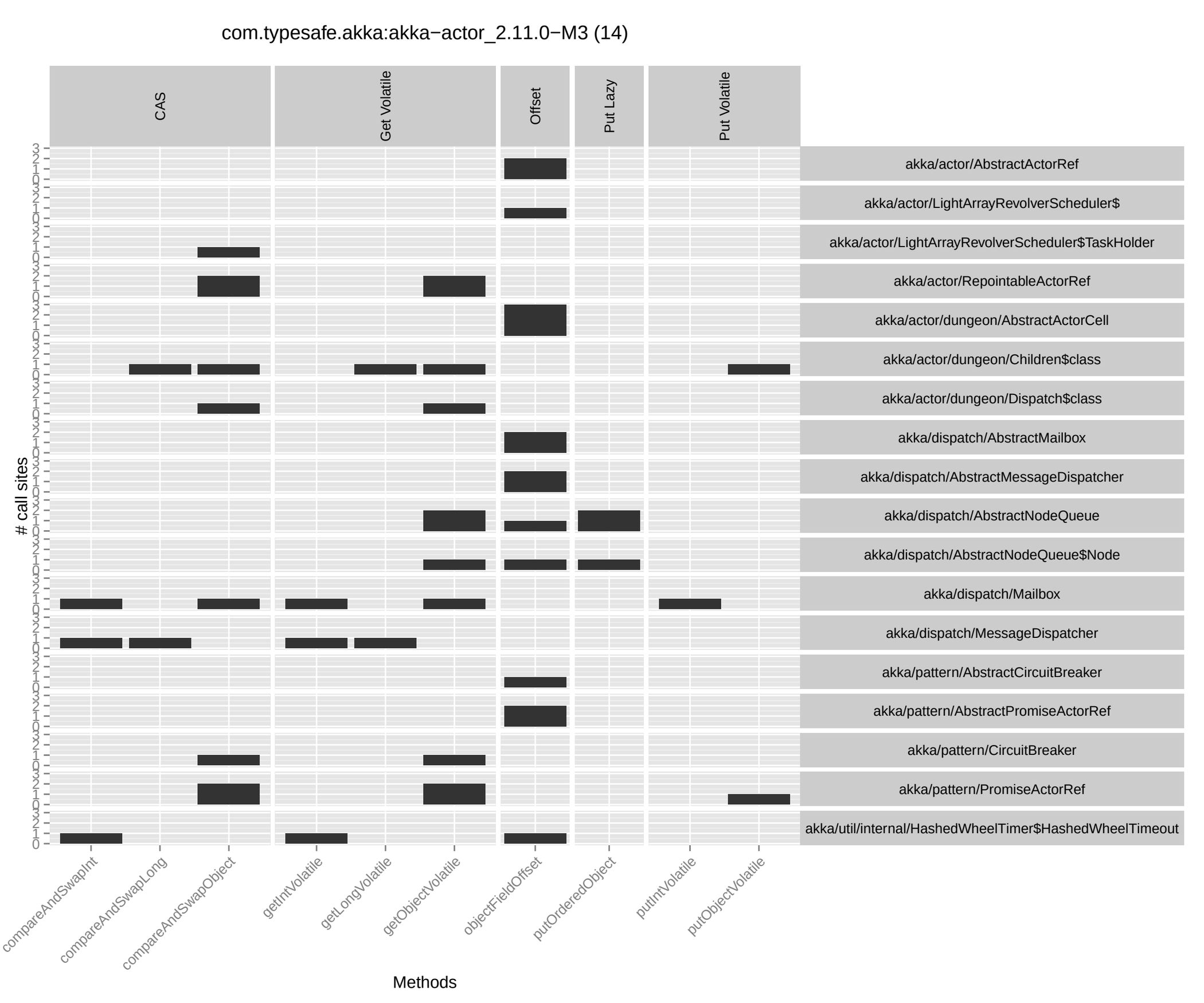

com.typesafe.akka:akka−actor_2.10.0−RC2 (15)
CAS
Get Volatile
Offset
Put Volatile
akka/actor/AbstractActorRef
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

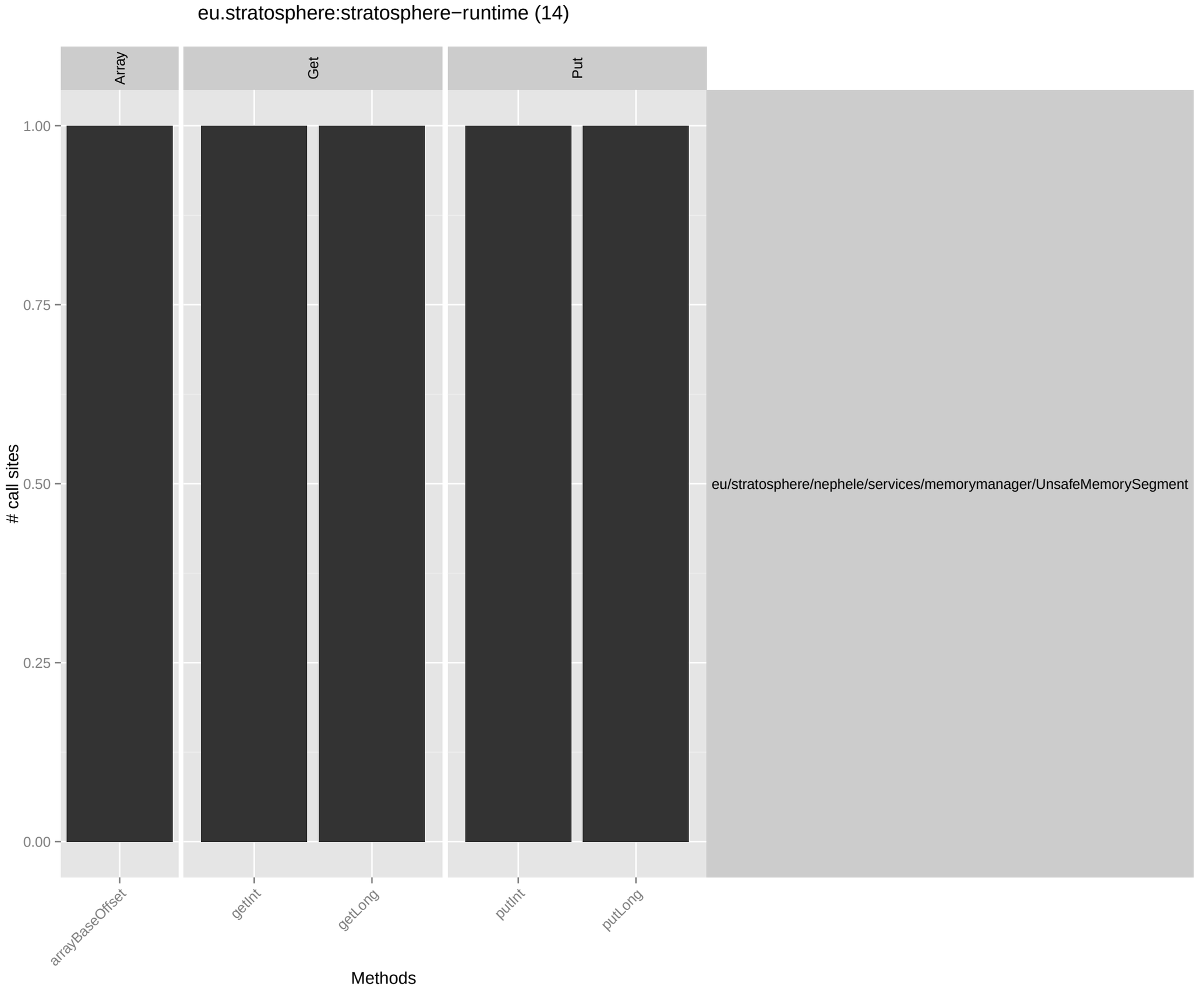

com.typesafe.akka:akka−actor_2.10.0−RC3 (15)
CAS
Get Volatile
Offset
Put Volatile
akka/actor/AbstractActorRef
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

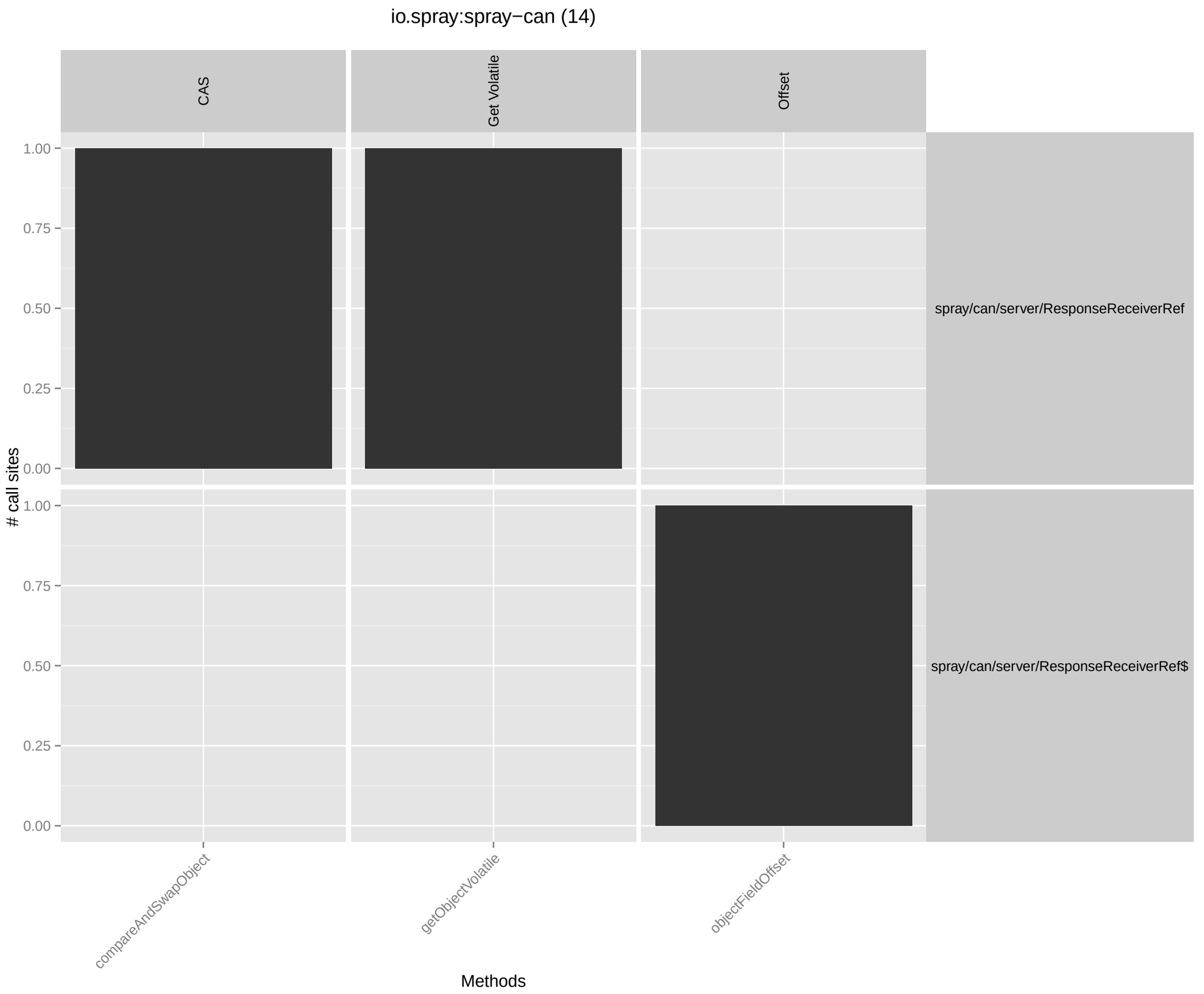

com.typesafe.akka:akka−actor_2.10.0−RC5 (15)
CAS
Get Volatile
Offset
Put Volatile
akka/actor/AbstractActorRef
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
0
1
2
3
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

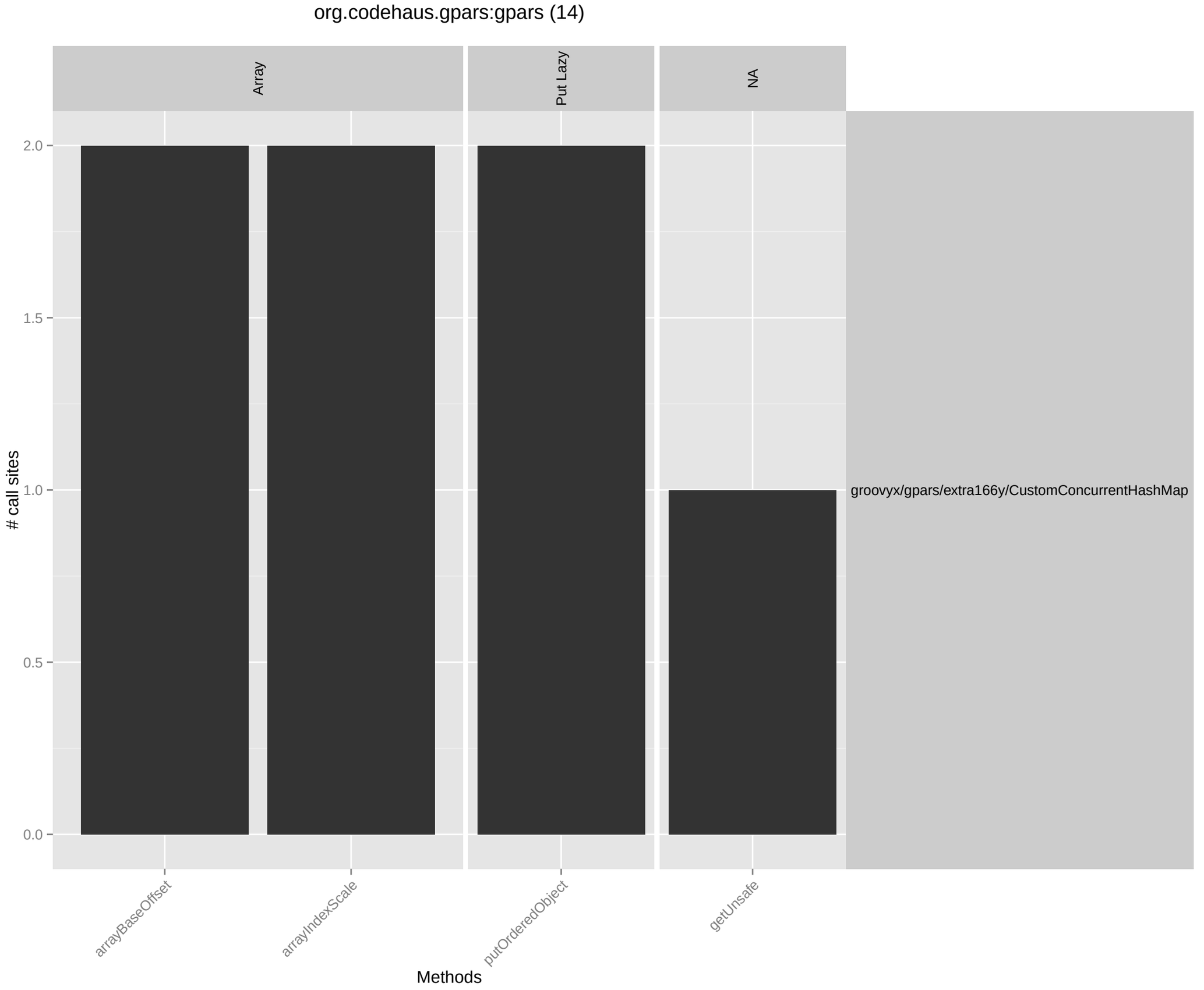

net.sourceforge.owlapi:owlapi−impl (15)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

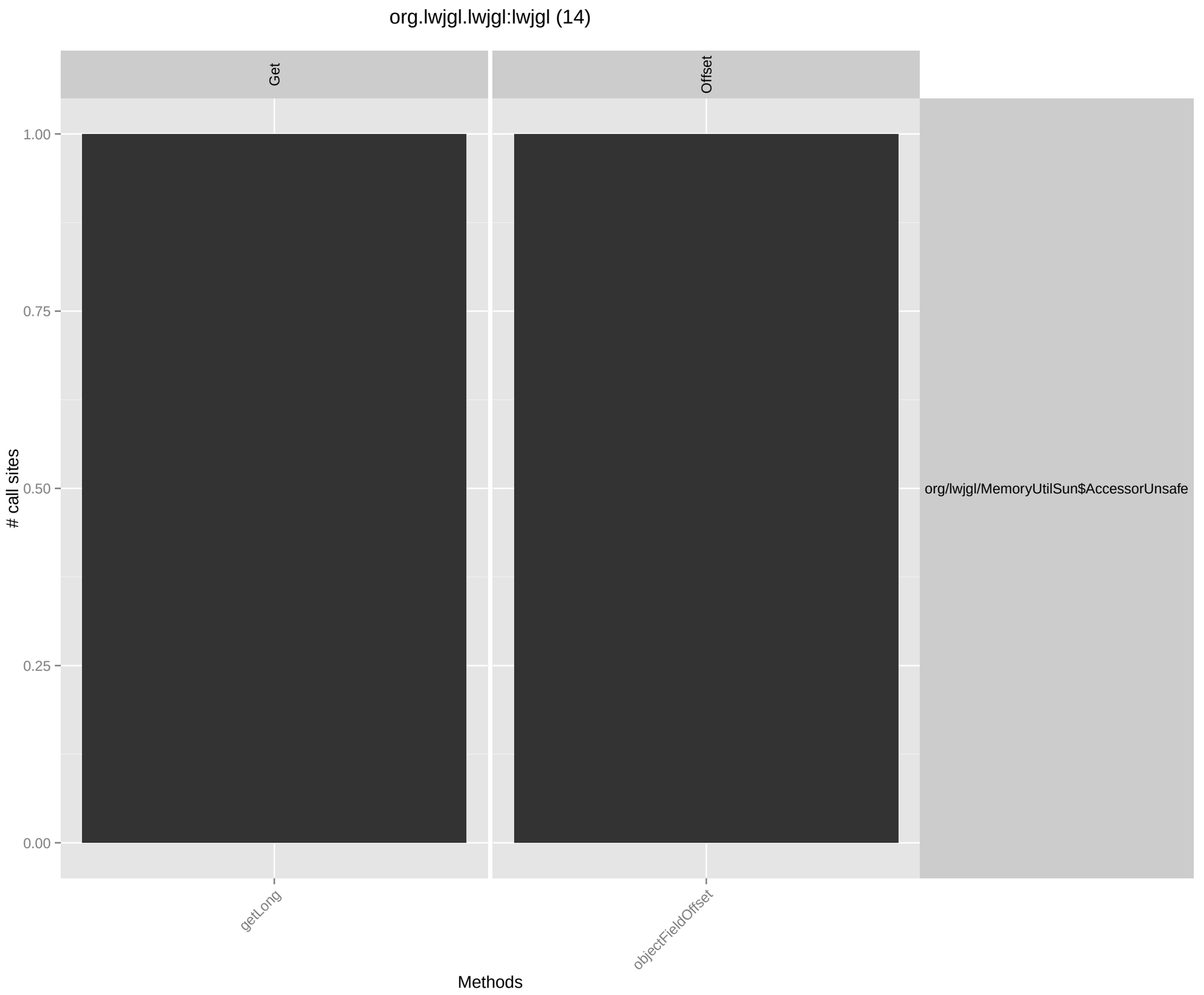

org.multiverse:multiverse−core (15)
CAS
Offset
NA
org/multiverse/stms/gamma/transactionalobjects/AbstractGammaObject
org/multiverse/stms/gamma/transactionalobjects/BaseGammaTxnRef
org/multiverse/utils/ToolUnsafe
call sites
12.5
10.0
7.5
5.0
2.5
0.0
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

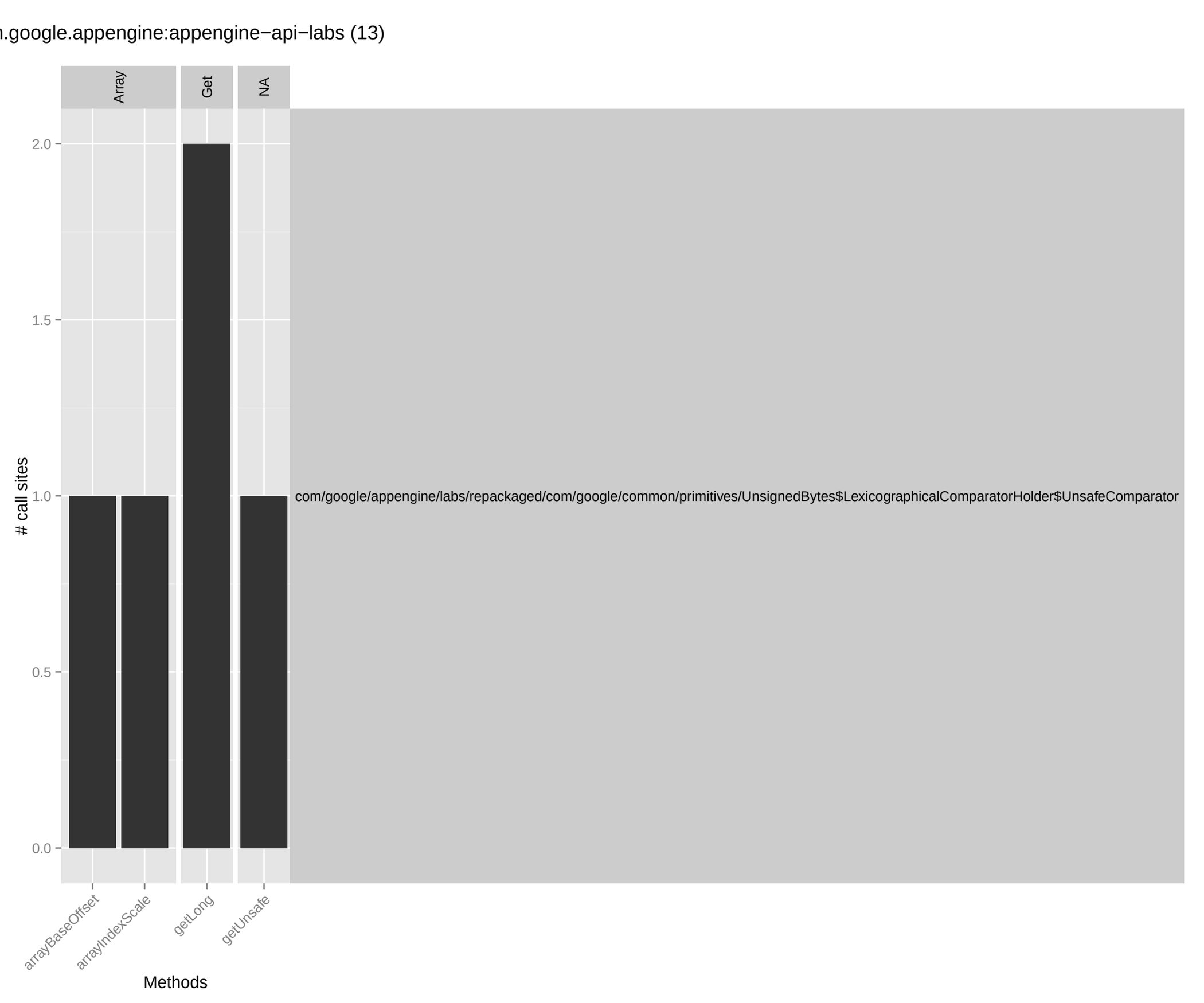

com.typesafe.akka:akka−actor_2.11.0−M3 (14)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

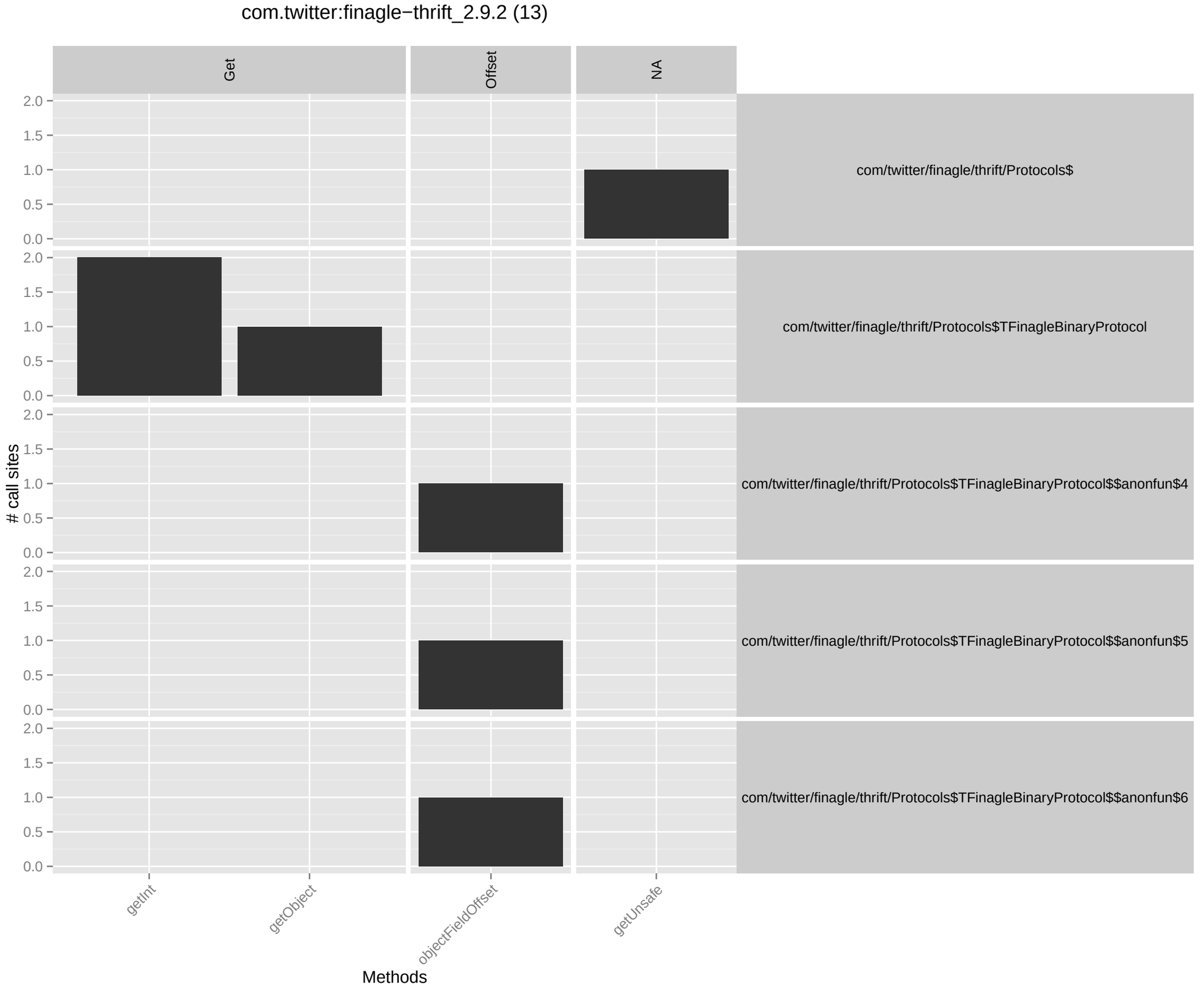

eu.stratosphere:stratosphere−runtime (14)
Array
Get
Put
1.00
0.75
0.50
0.25
0.00
call sites
eu/stratosphere/nephele/services/memorymanager/UnsafeMemorySegment
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

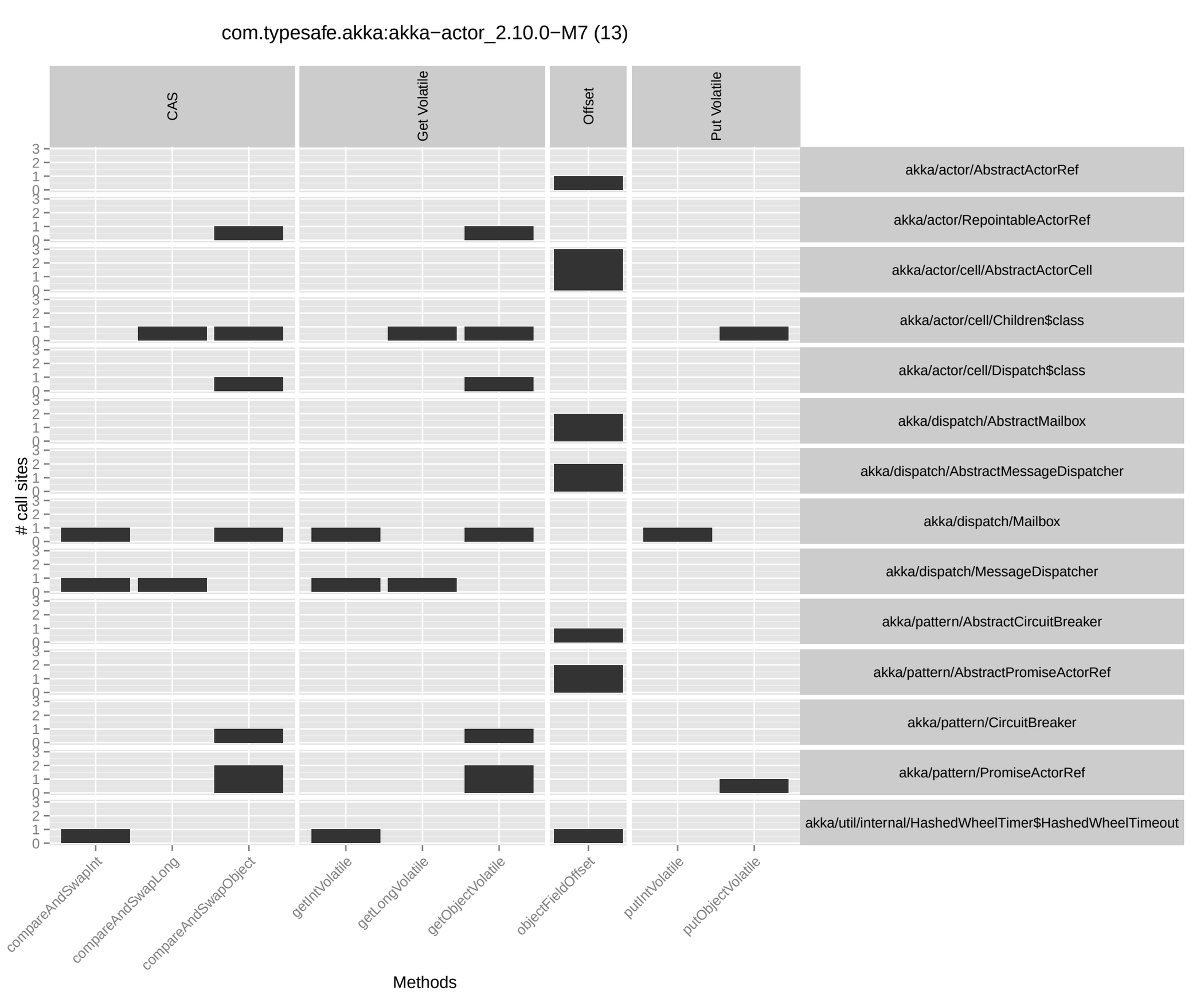

io.spray:spray−can (14)
CAS
Get Volatile
Offset
spray/can/server/ResponseReceiverRef
spray/can/server/ResponseReceiverRef$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
Methods

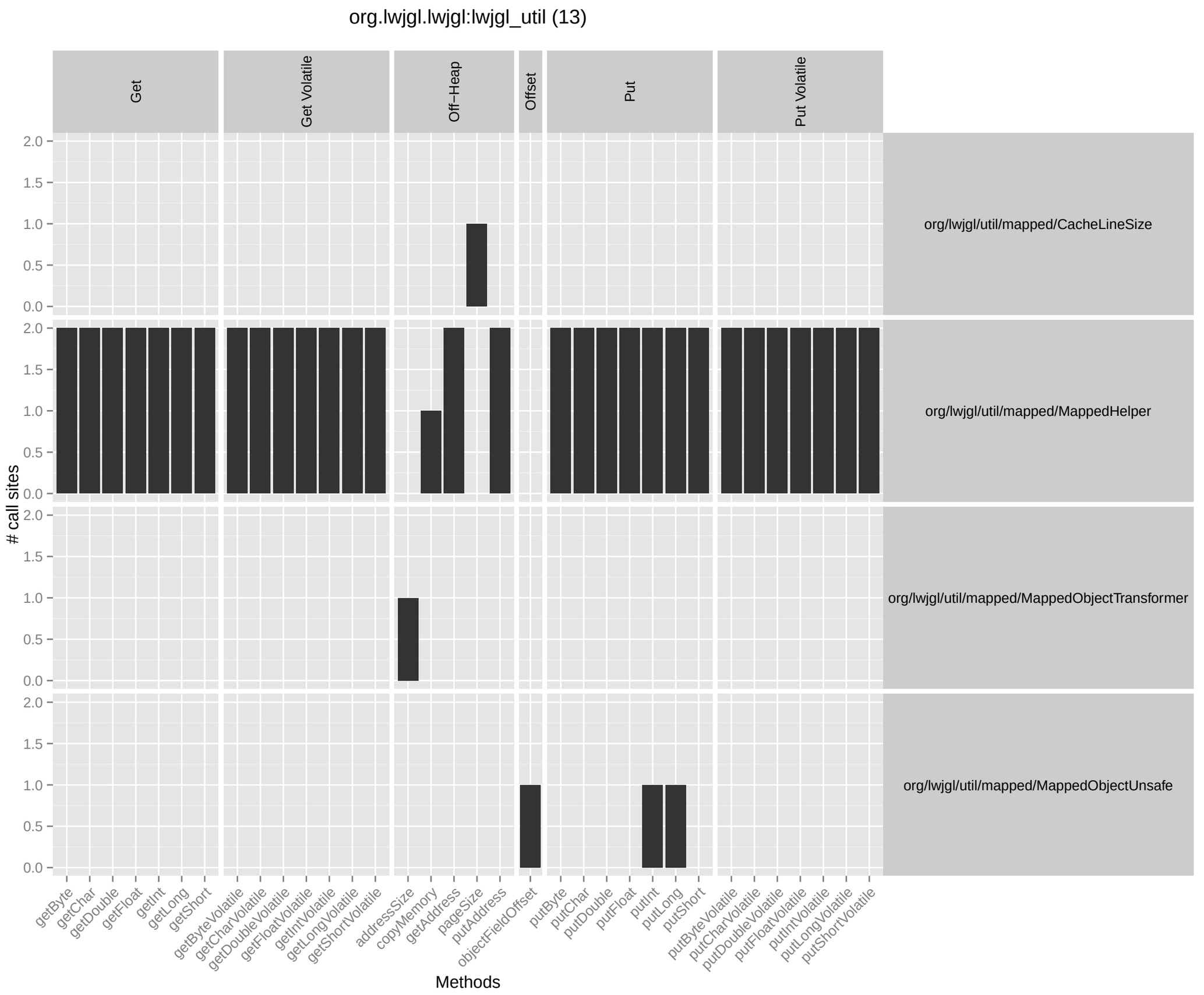

org.codehaus.gpars:gpars (14)
Array
Put Lazy
NA
groovyx/gpars/extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

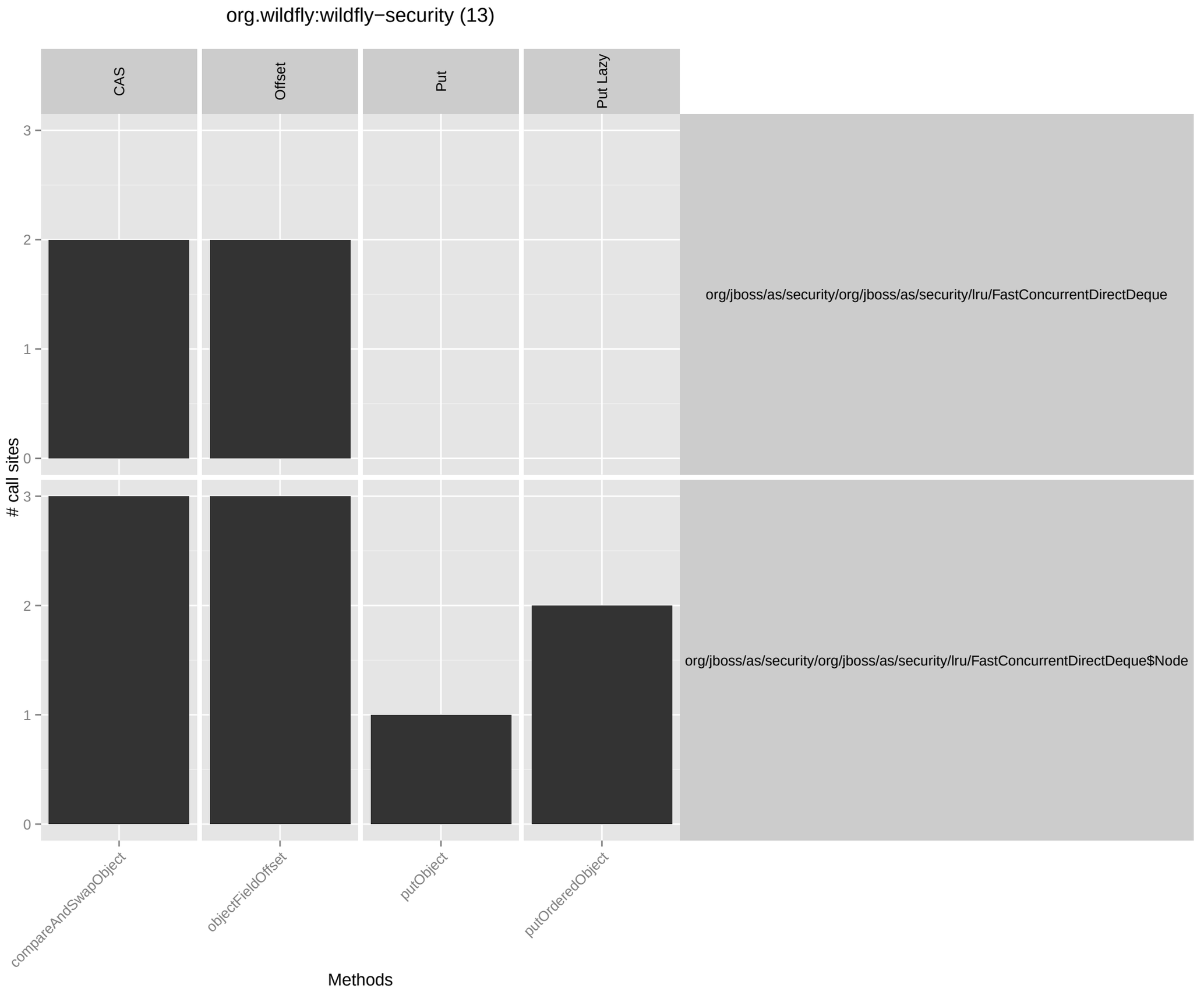

org.lwjgl.lwjgl:lwjgl (14)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

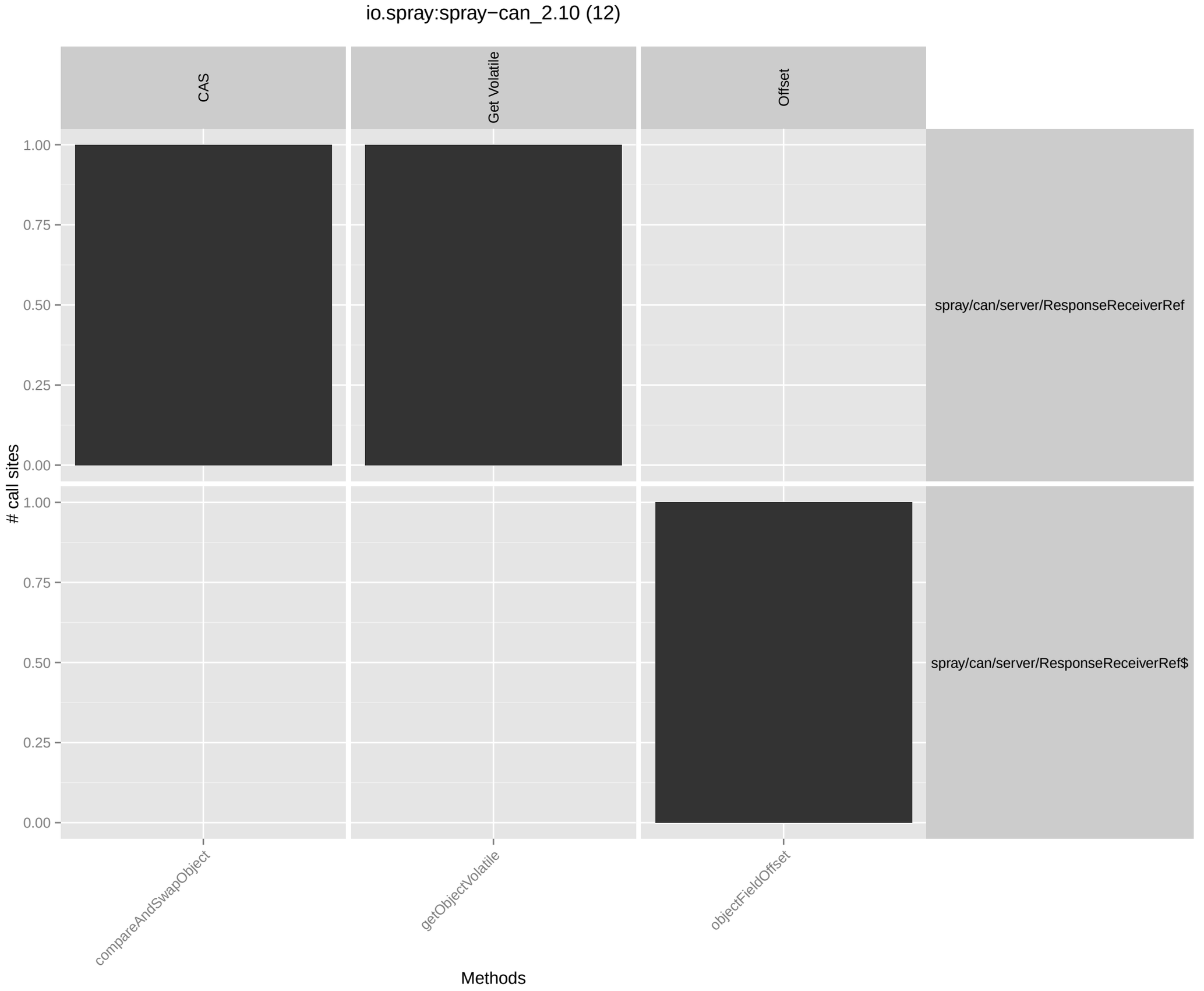

n.google.appengine:appengine−api−labs (13)
Array
Get
NA
2.0
1.5
1.0
0.5
0.0
call sites
com/google/appengine/labs/repackaged/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
getUnsafe
Methods

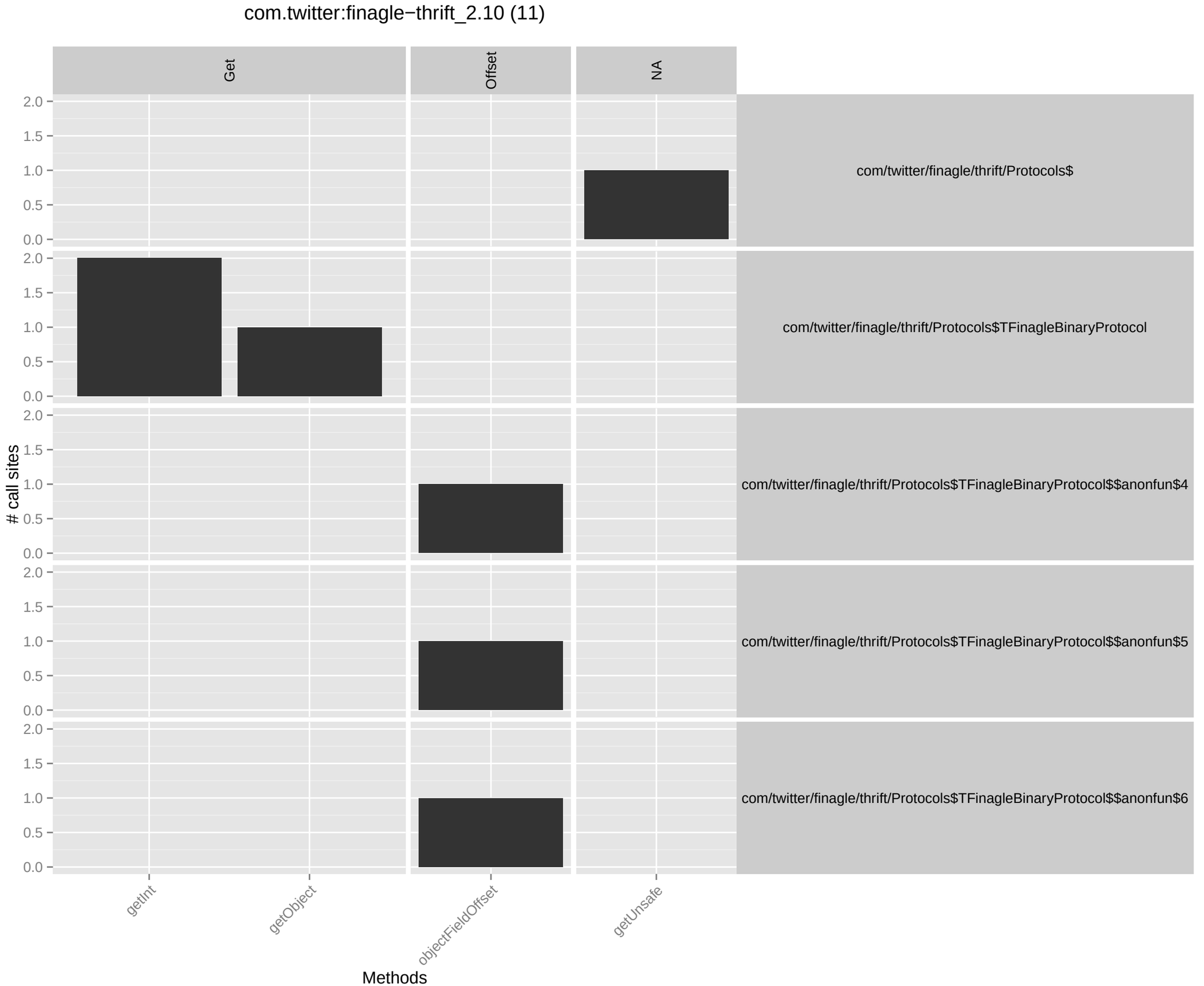

com.twitter:finagle−thrift_2.9.2 (13)
Get
Offset
NA
com/twitter/finagle/thrift/Protocols$
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$4
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$5
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$6
call sites
0.0
0.5
1.0
1.5
2.0
getInt
getObject
objectFieldOffset
getUnsafe
Methods

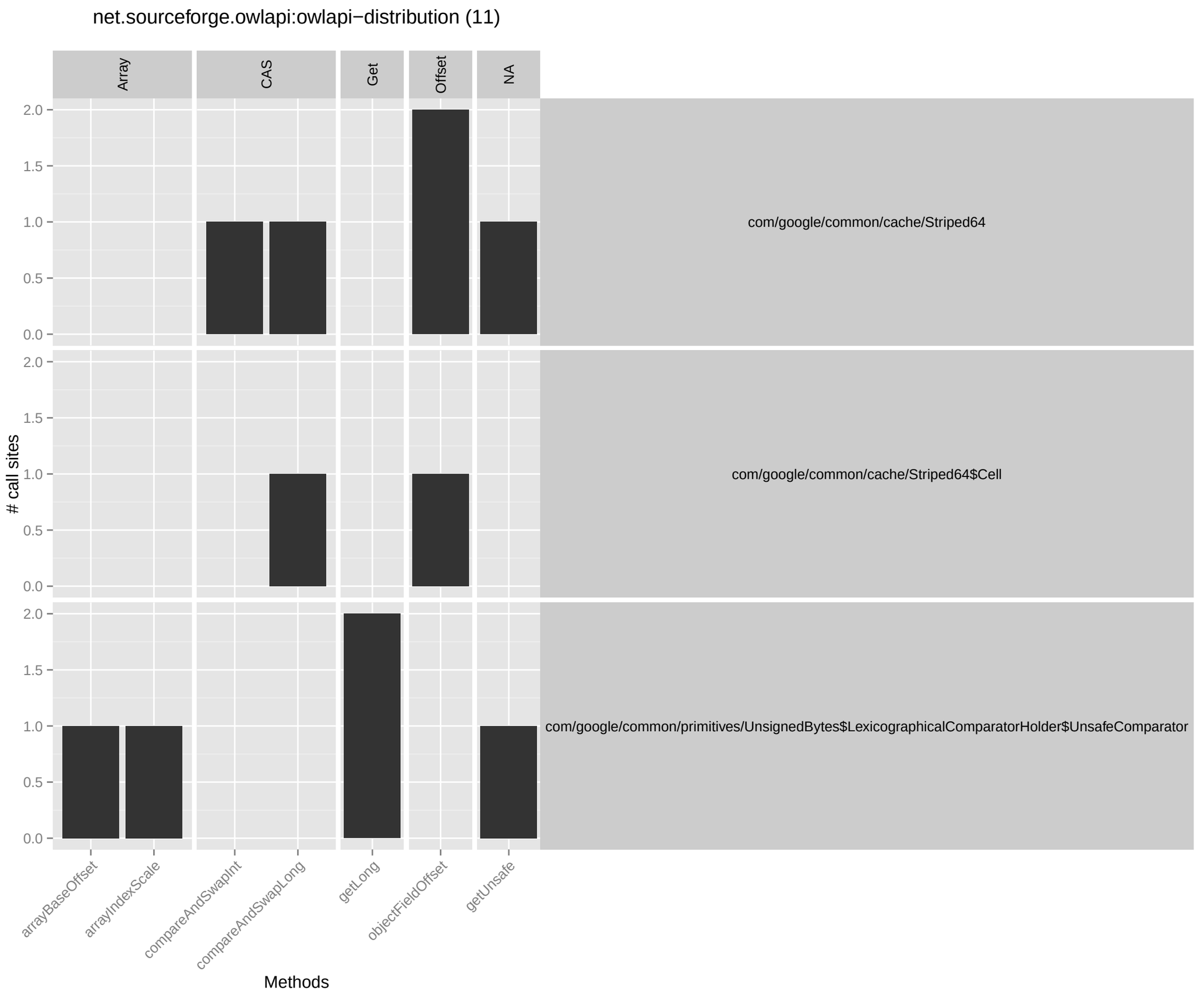

com.typesafe.akka:akka−actor_2.10.0−M7 (13)
CAS
Get Volatile
Offset
Put Volatile
akka/actor/AbstractActorRef
akka/actor/RepointableActorRef
akka/actor/cell/AbstractActorCell
akka/actor/cell/Children$class
akka/actor/cell/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

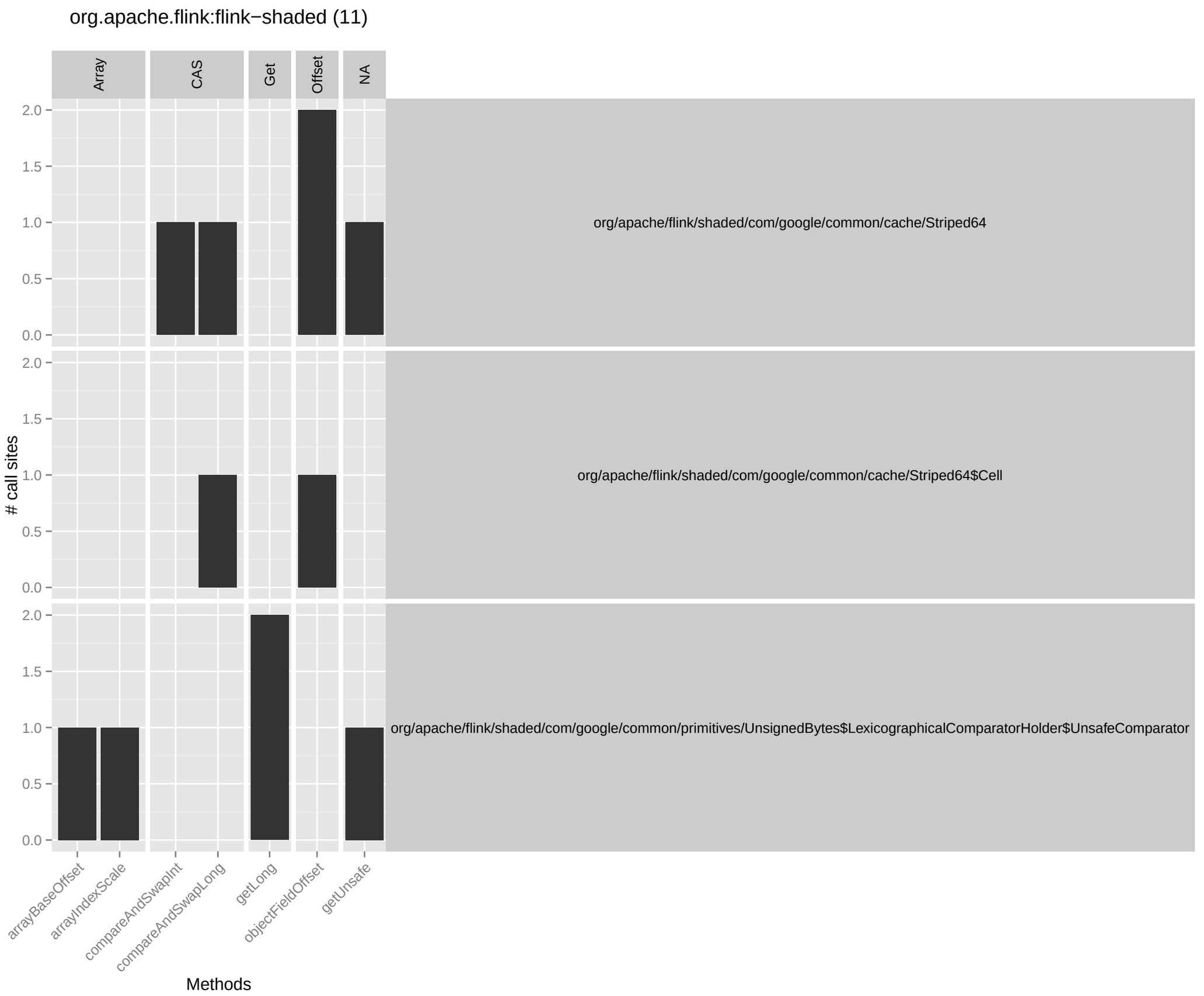

org.lwjgl.lwjgl:lwjgl_util (13)
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
org/lwjgl/util/mapped/CacheLineSize
org/lwjgl/util/mapped/MappedHelper
org/lwjgl/util/mapped/MappedObjectTransformer
org/lwjgl/util/mapped/MappedObjectUnsafe
call sites
0.0
0.5
1.0
1.5
2.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getShortVolatile
addressSize
copyMemory
getAddress
pageSize
putAddress
objectFieldOffset
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putShortVolatile
Methods

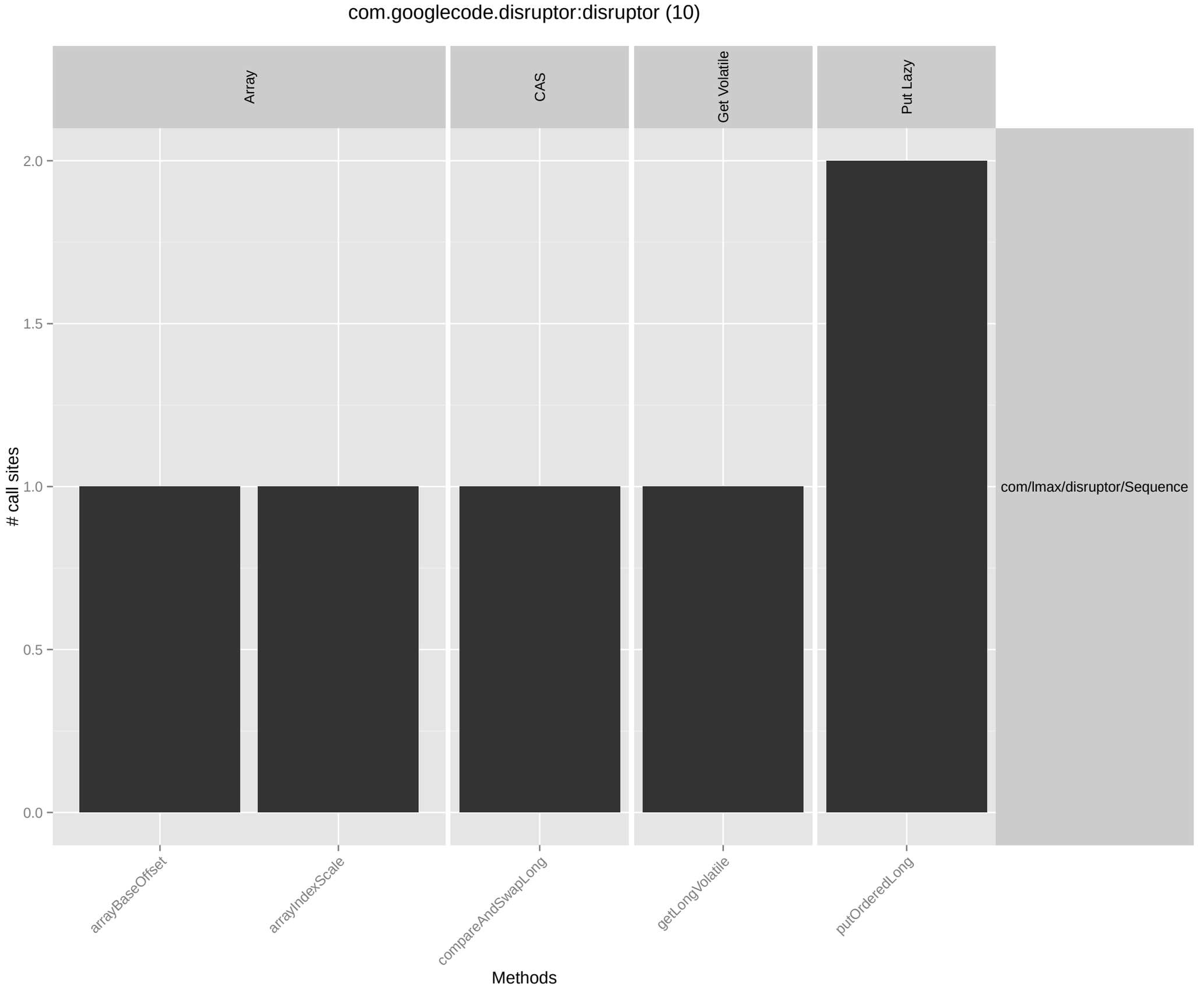

org.wildfly:wildfly−security (13)
CAS
Offset
Put
Put Lazy
org/jboss/as/security/org/jboss/as/security/lru/FastConcurrentDirectDeque
org/jboss/as/security/org/jboss/as/security/lru/FastConcurrentDirectDeque$Node
call sites
0
1
2
3
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
Methods

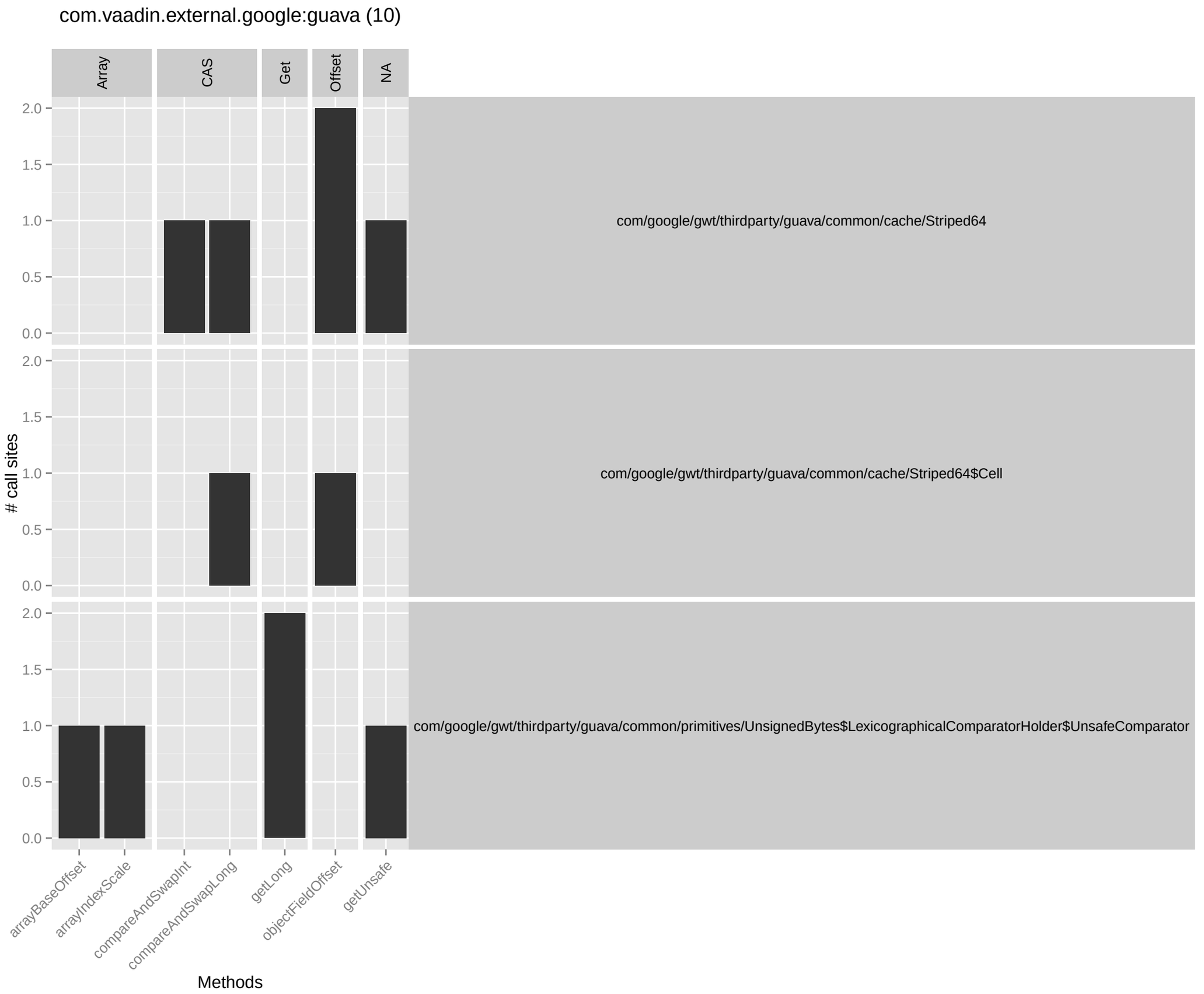

io.spray:spray−can_2.10 (12)
CAS
Get Volatile
Offset
spray/can/server/ResponseReceiverRef
spray/can/server/ResponseReceiverRef$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
Methods

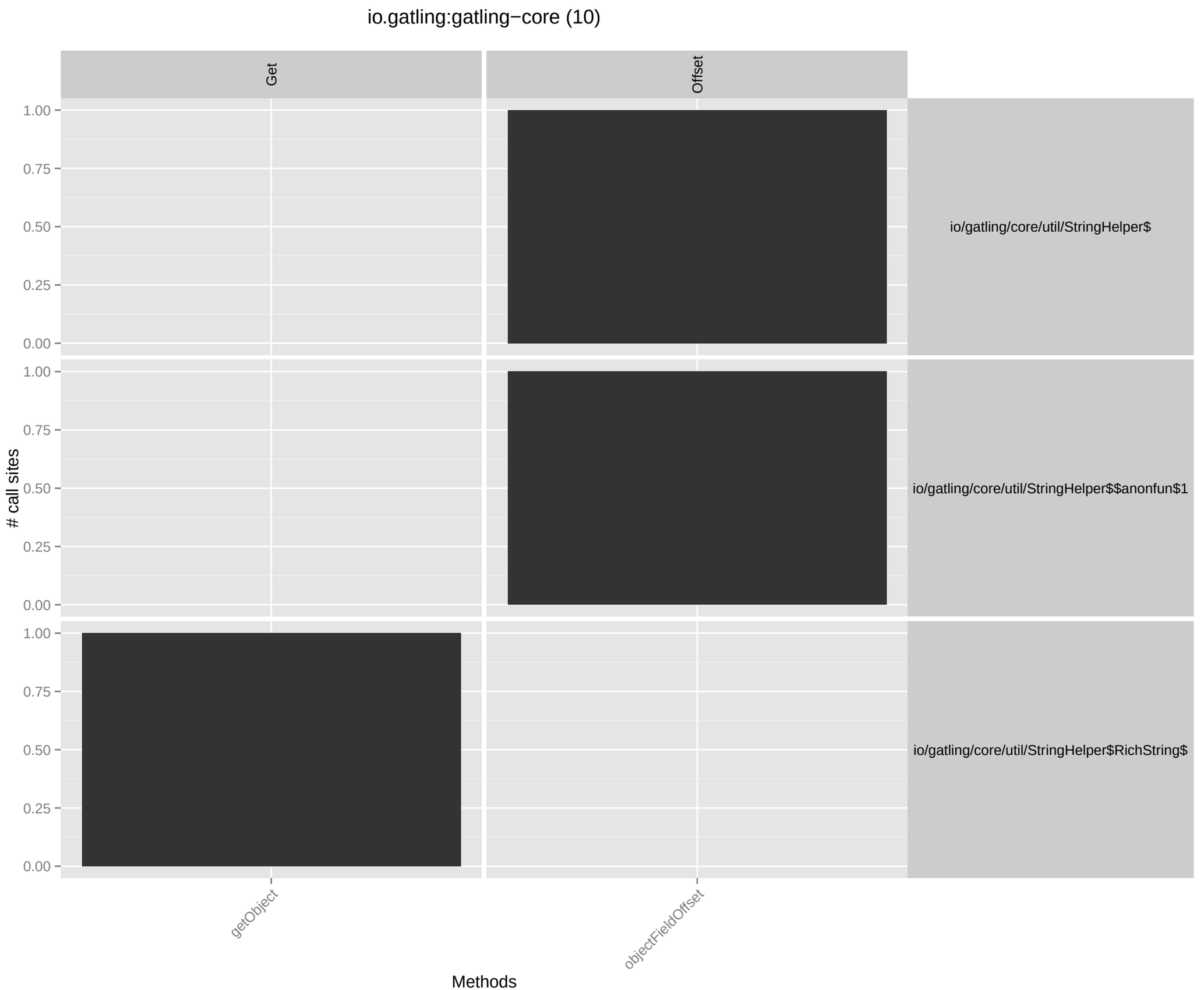

com.twitter:finagle−thrift_2.10 (11)
Get
Offset
NA
com/twitter/finagle/thrift/Protocols$
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$4
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$5
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$6
call sites
0.0
0.5
1.0
1.5
2.0
getInt
getObject
objectFieldOffset
getUnsafe
Methods

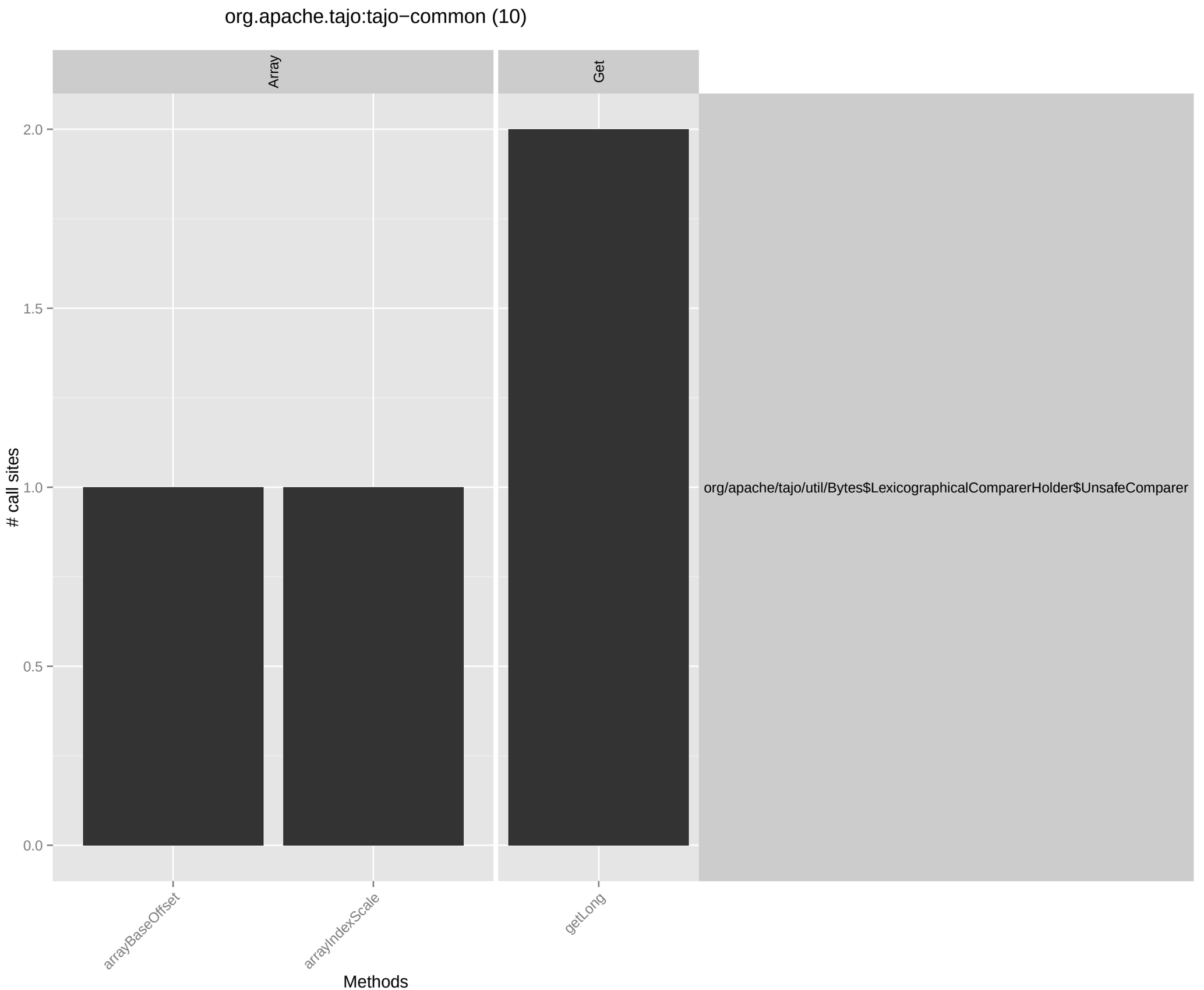

net.sourceforge.owlapi:owlapi−distribution (11)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

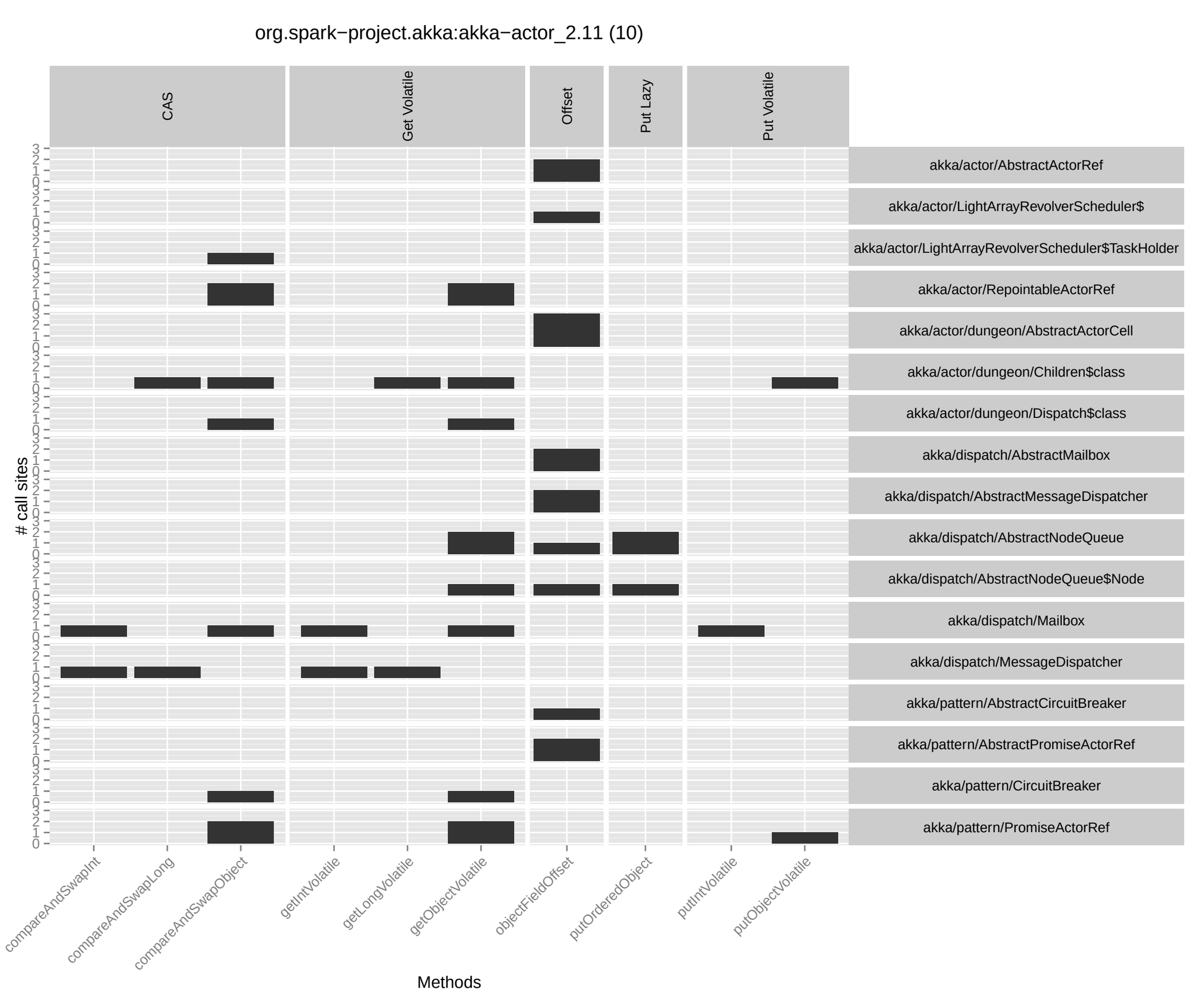

org.apache.flink:flink−shaded (11)
Array
CAS
Get
Offset
NA
org/apache/flink/shaded/com/google/common/cache/Striped64
org/apache/flink/shaded/com/google/common/cache/Striped64$Cell
org/apache/flink/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

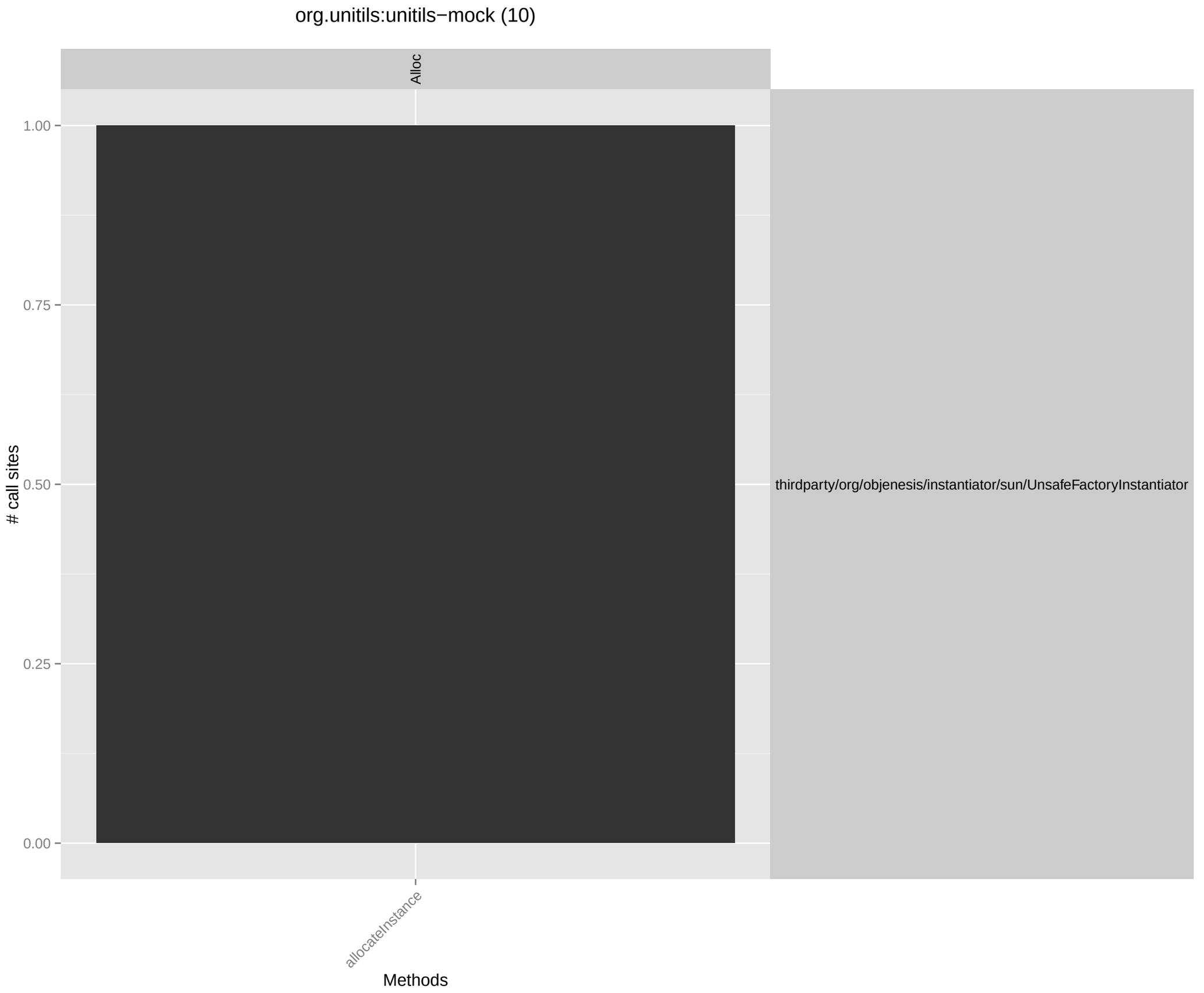

com.googlecode.disruptor:disruptor (10)
Array
CAS
Get Volatile
Put Lazy
com/lmax/disruptor/Sequence
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getLongVolatile
putOrderedLong
Methods

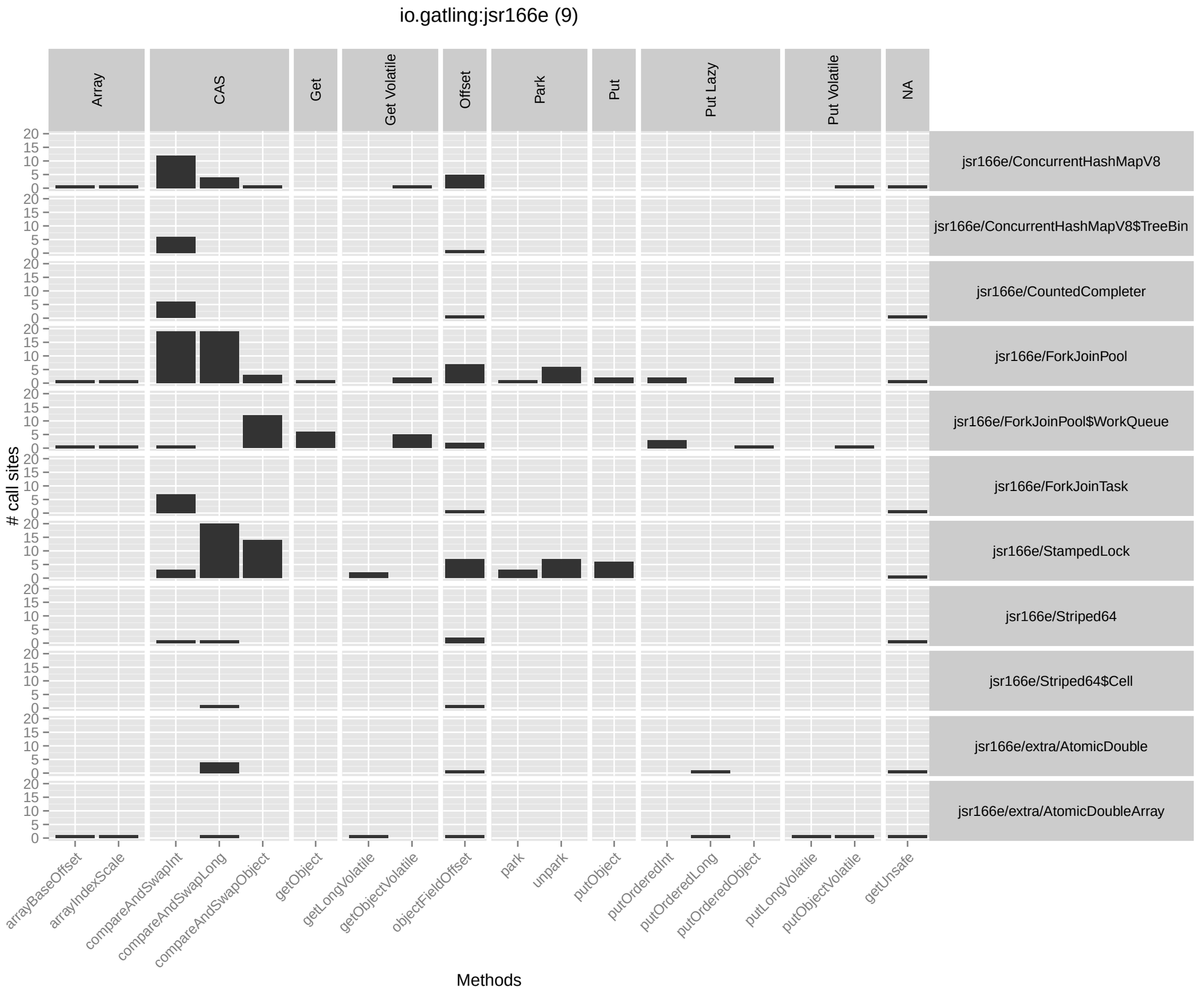

com.vaadin.external.google:guava (10)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

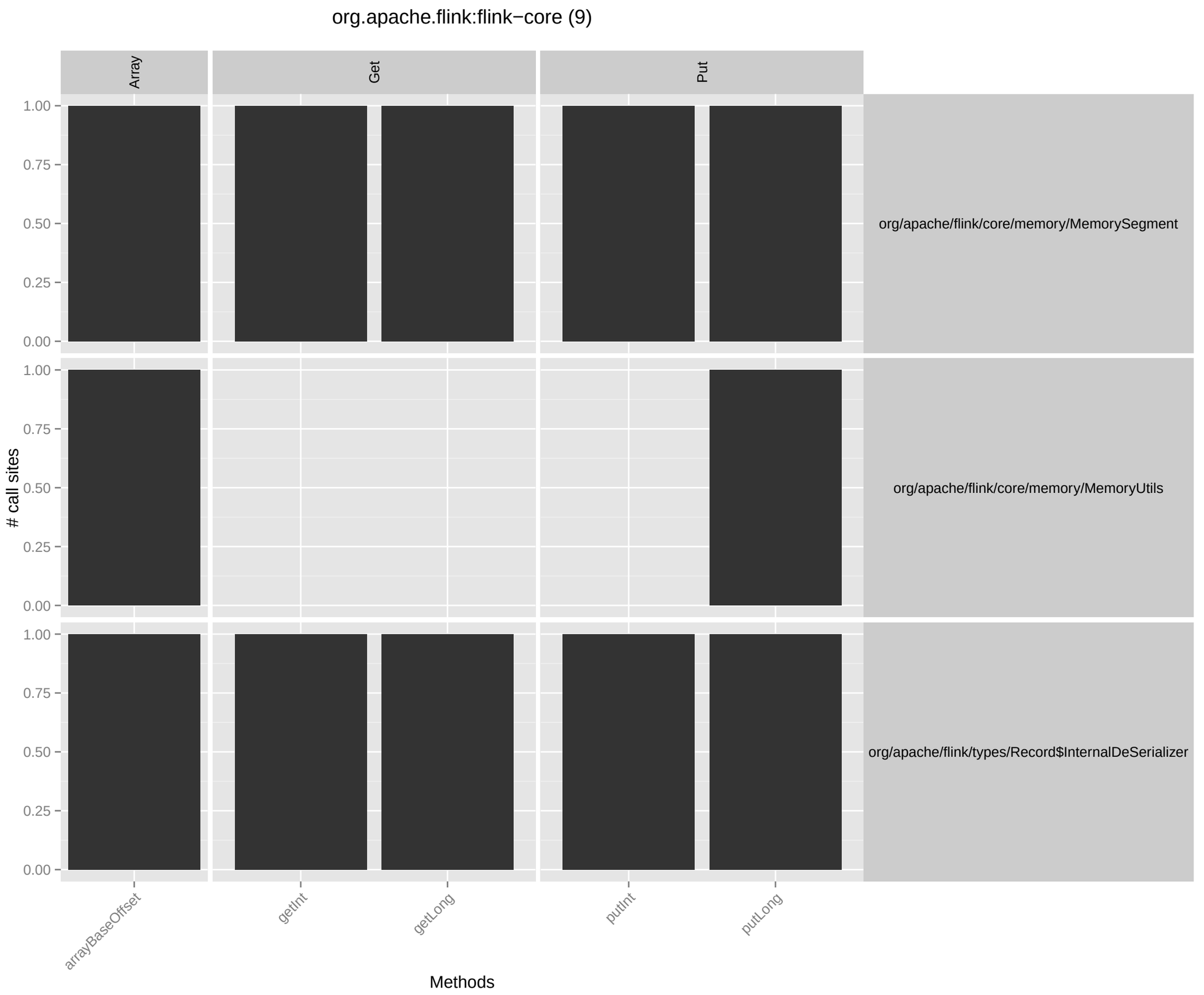

io.gatling:gatling−core (10)
Get
Offset
io/gatling/core/util/StringHelper$
io/gatling/core/util/StringHelper$$anonfun$1
io/gatling/core/util/StringHelper$RichString$
call sites
1.00
0.75
0.50
0.25
0.00
getObject
objectFieldOffset
Methods

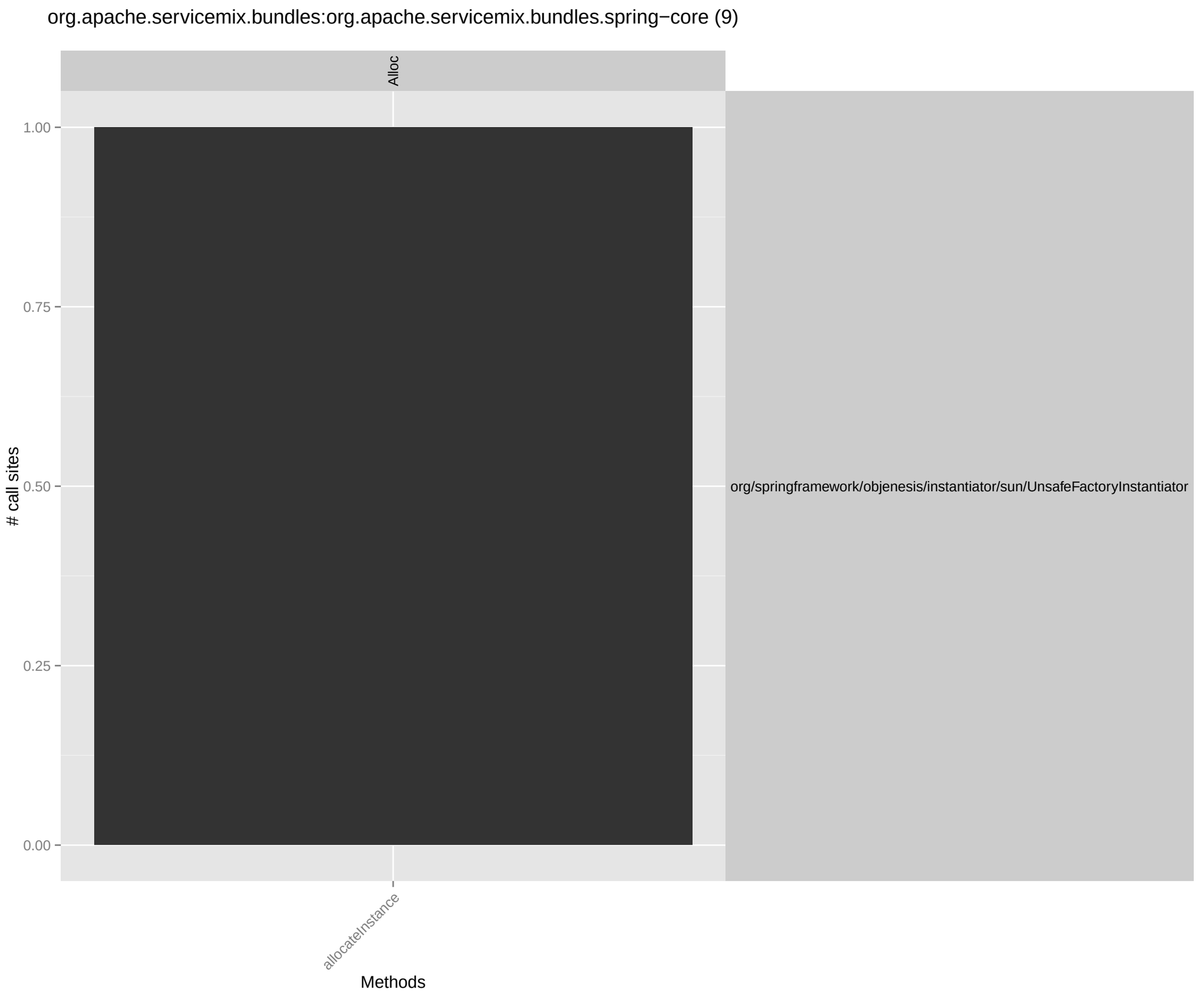

org.apache.tajo:tajo−common (10)
Array
Get
org/apache/tajo/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

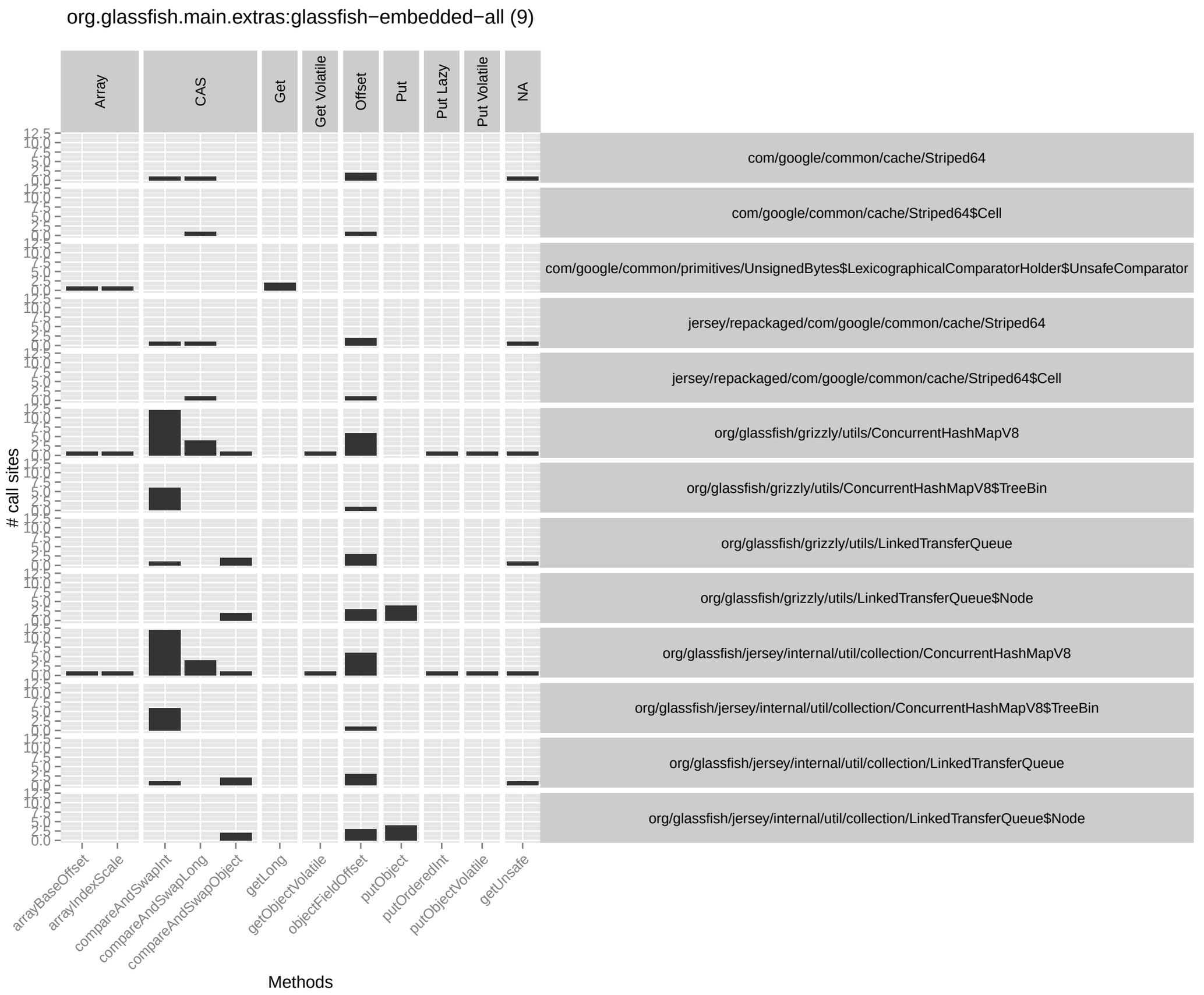

org.spark−project.akka:akka−actor_2.11 (10)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

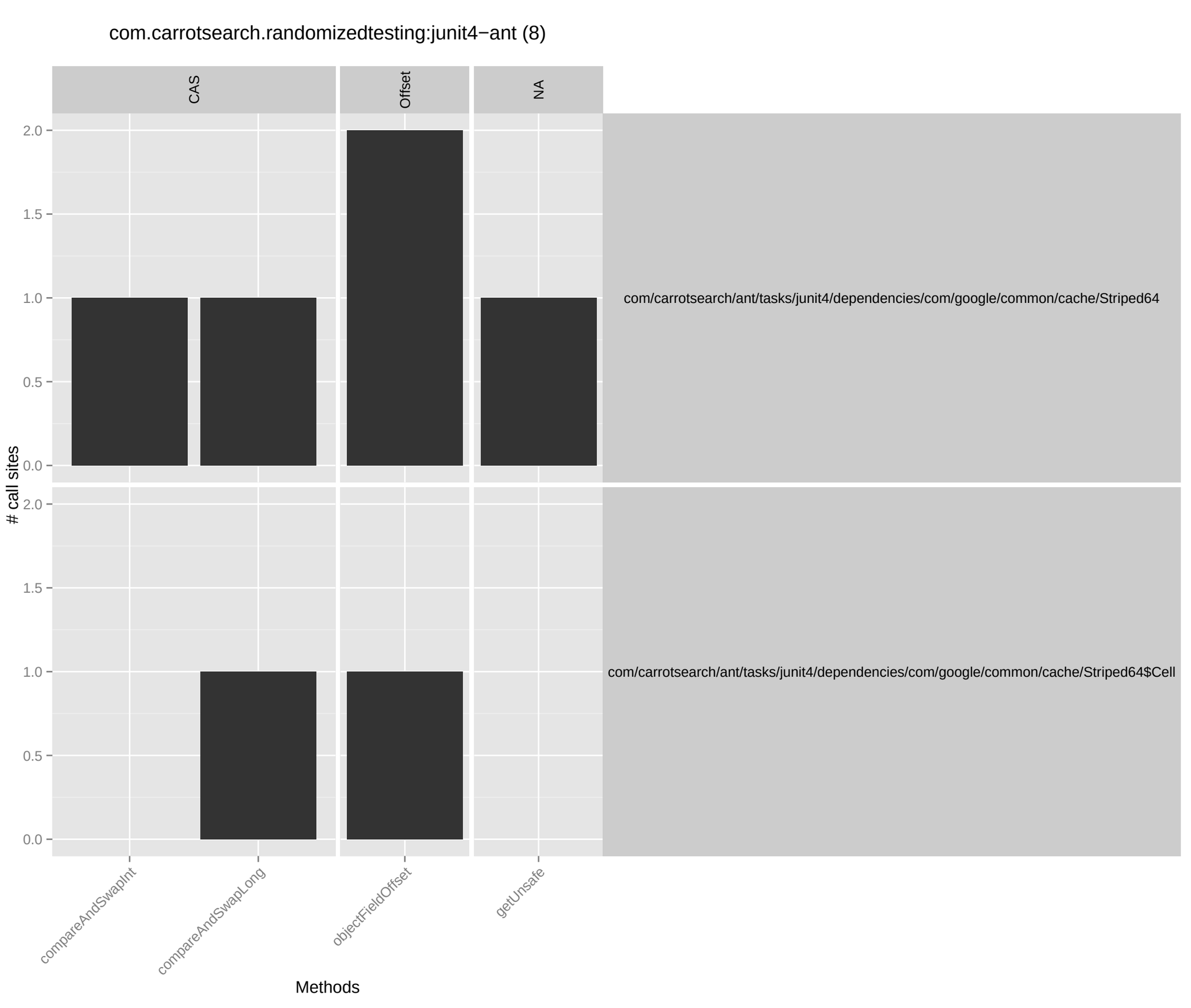

org.unitils:unitils−mock (10)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
thirdparty/org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

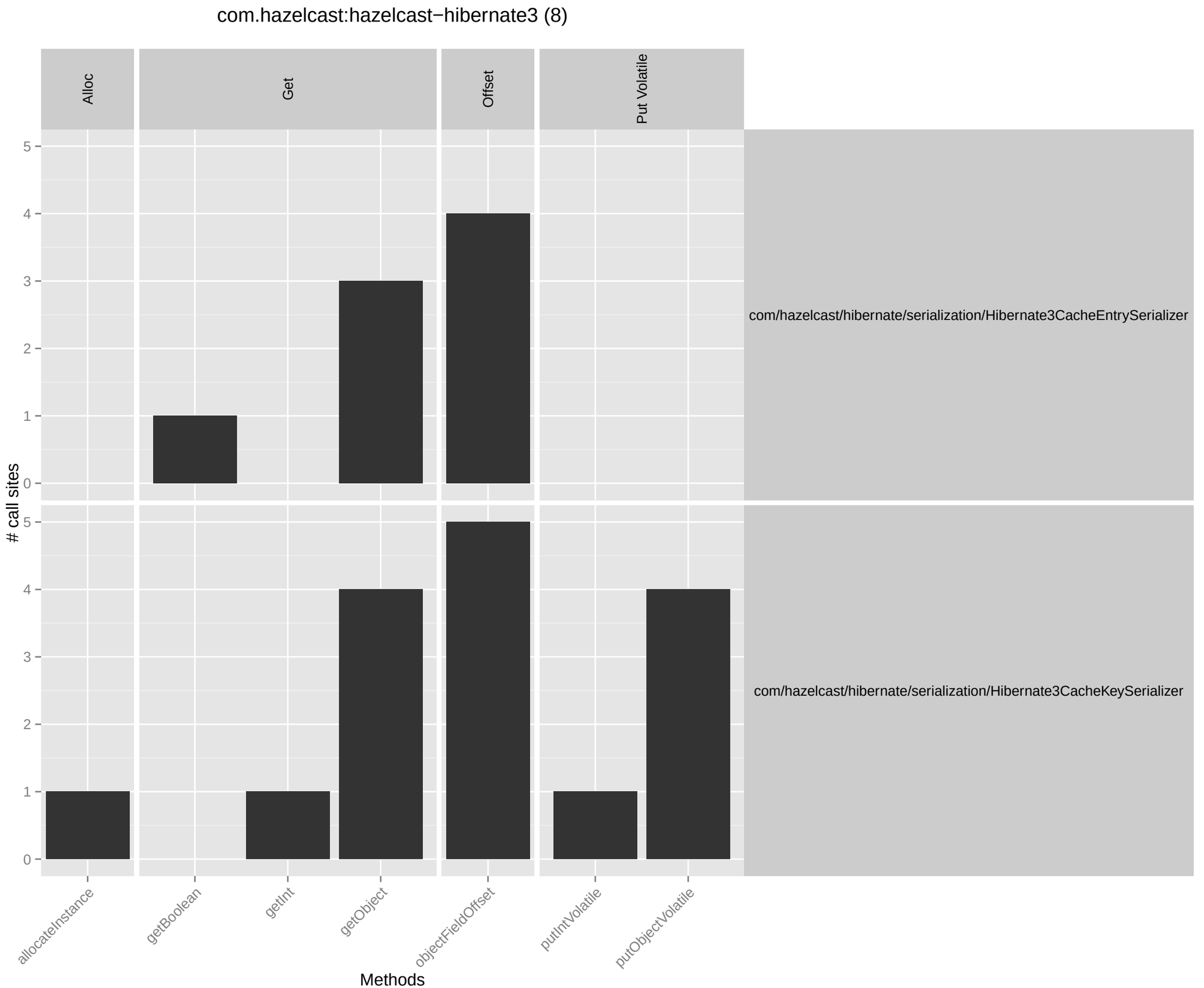

io.gatling:jsr166e (9)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
jsr166e/ConcurrentHashMapV8
jsr166e/ConcurrentHashMapV8$TreeBin
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/StampedLock
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
jsr166e/extra/AtomicDoubleArray
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

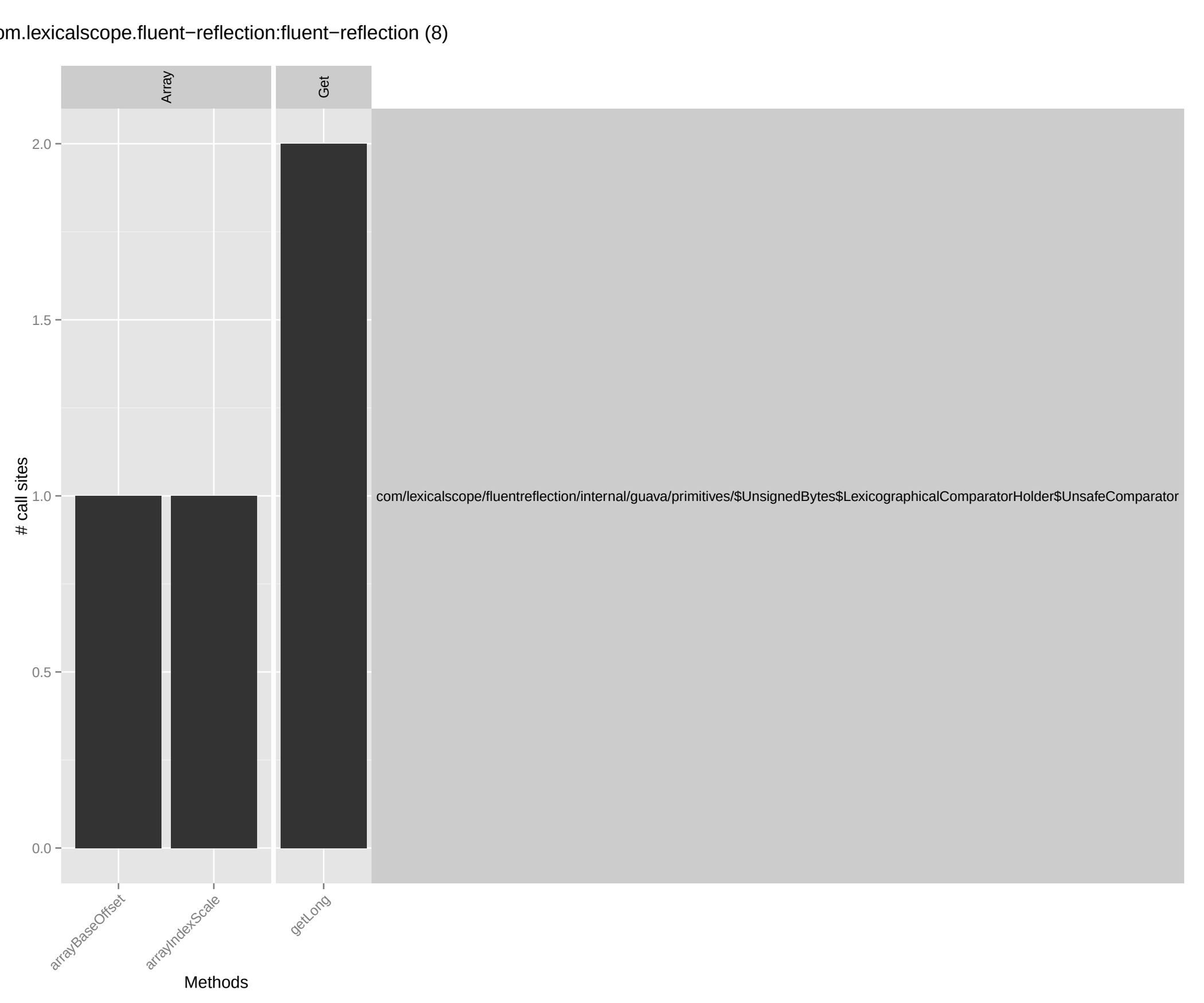

org.apache.flink:flink−core (9)
Array
Get
Put
org/apache/flink/core/memory/MemorySegment
org/apache/flink/core/memory/MemoryUtils
org/apache/flink/types/Record$InternalDeSerializer
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

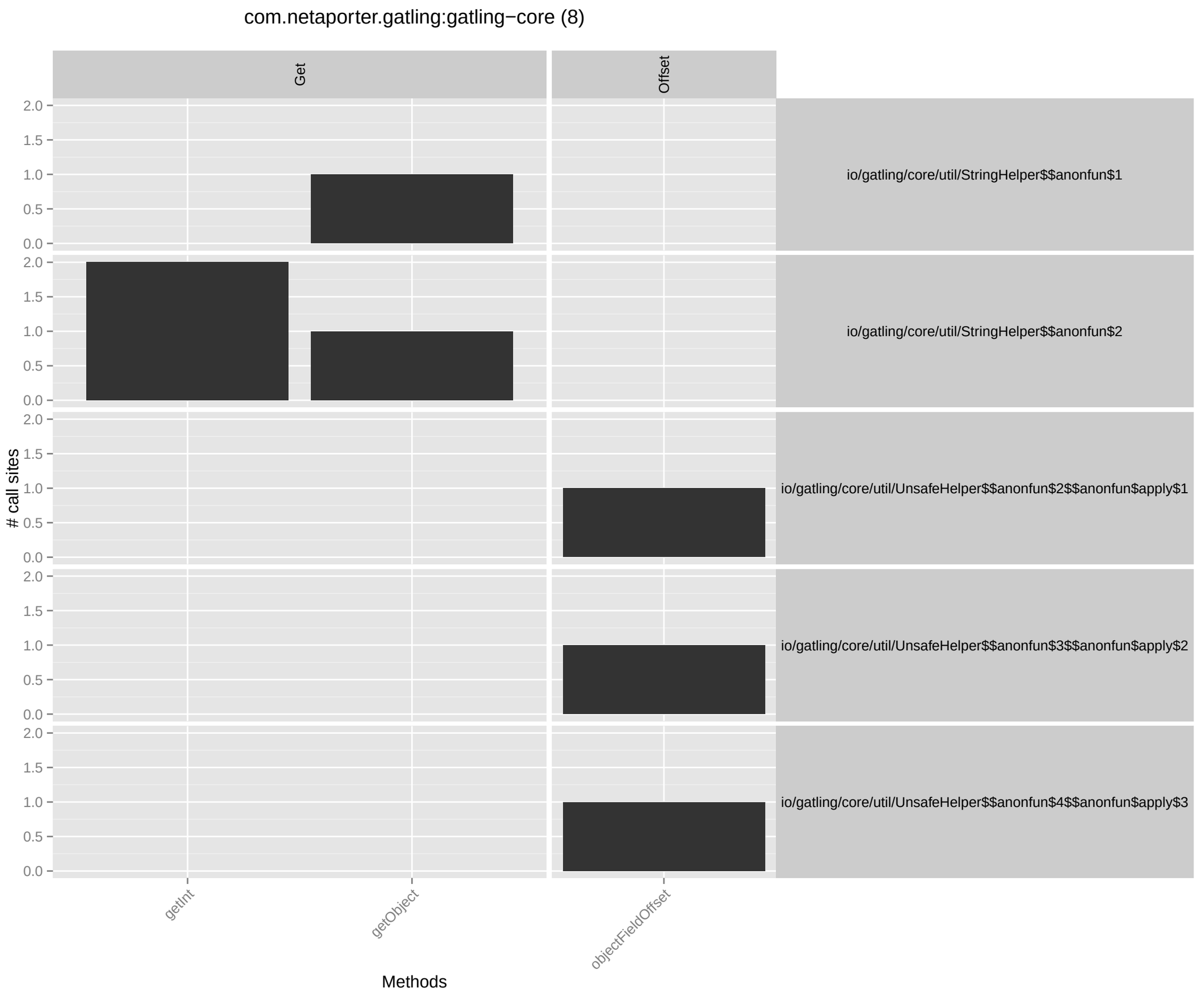

org.apache.servicemix.bundles:org.apache.servicemix.bundles.spring−core (9)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

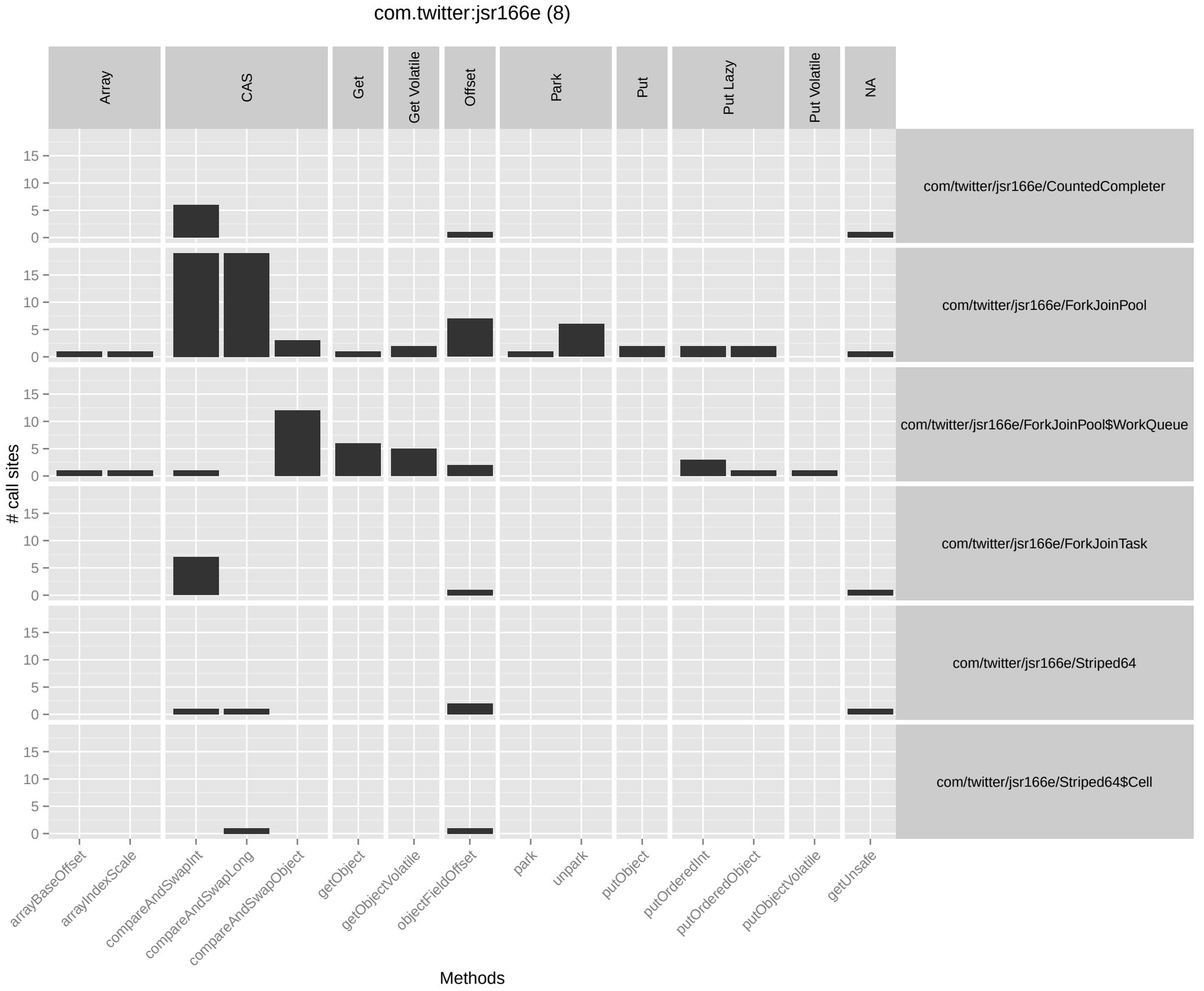

org.glassfish.main.extras:glassfish−embedded−all (9)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

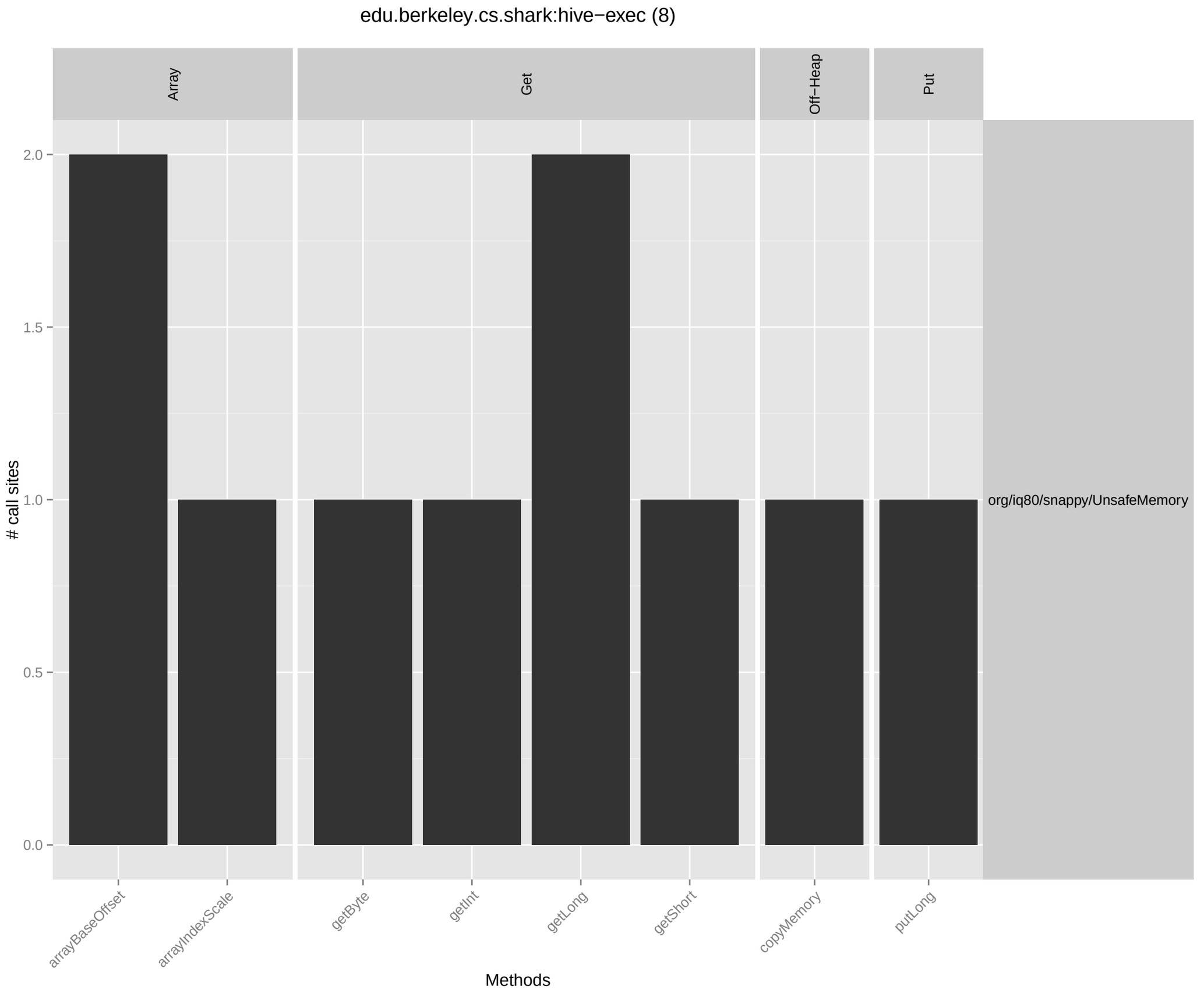

com.carrotsearch.randomizedtesting:junit4−ant (8)
CAS
Offset
NA
com/carrotsearch/ant/tasks/junit4/dependencies/com/google/common/cache/Striped64
com/carrotsearch/ant/tasks/junit4/dependencies/com/google/common/cache/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

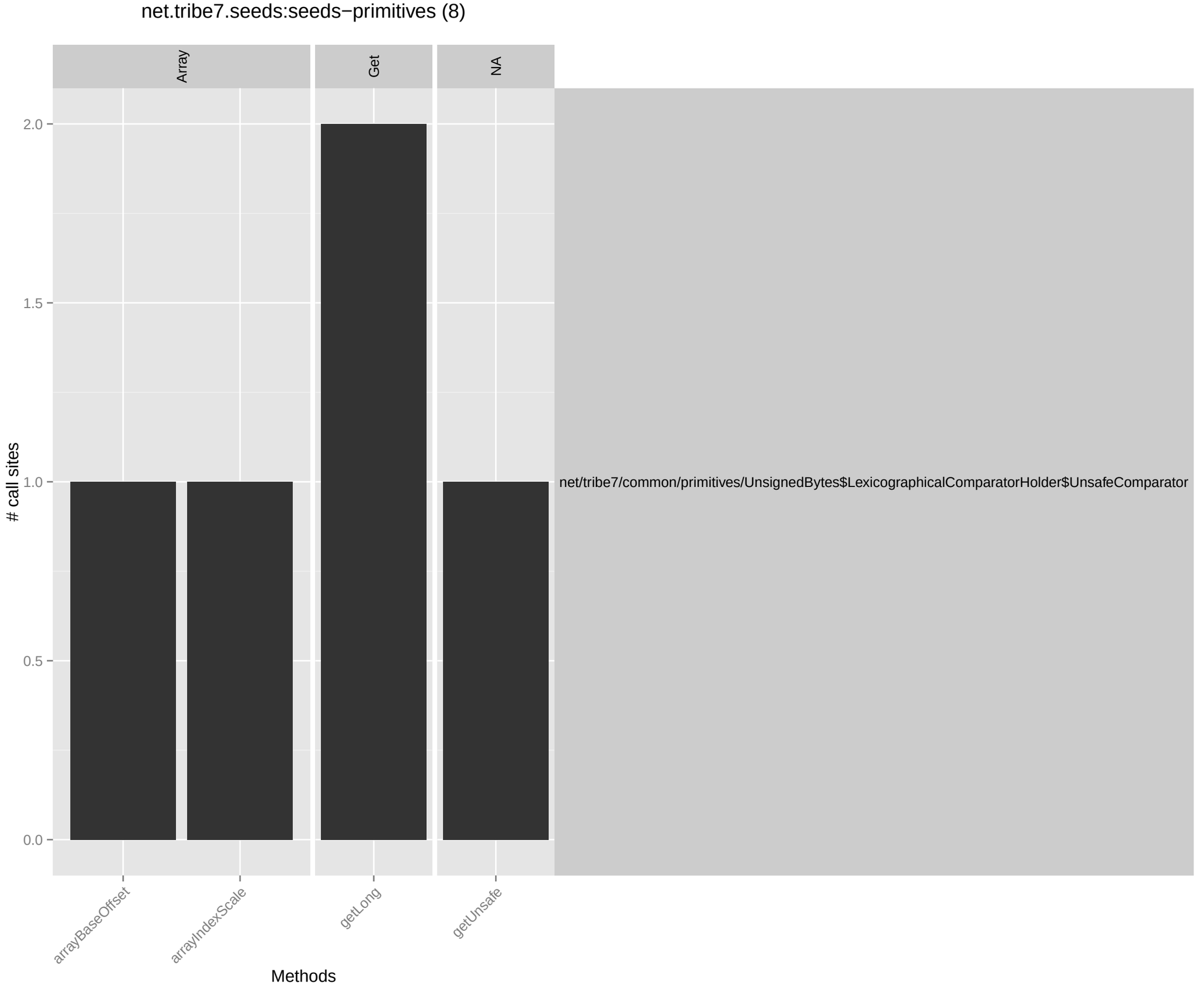

com.hazelcast:hazelcast−hibernate3 (8)
Alloc
Get
Offset
Put Volatile
com/hazelcast/hibernate/serialization/Hibernate3CacheEntrySerializer
com/hazelcast/hibernate/serialization/Hibernate3CacheKeySerializer
call sites
0
1
2
3
4
5
allocateInstance
getBoolean
getInt
getObject
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

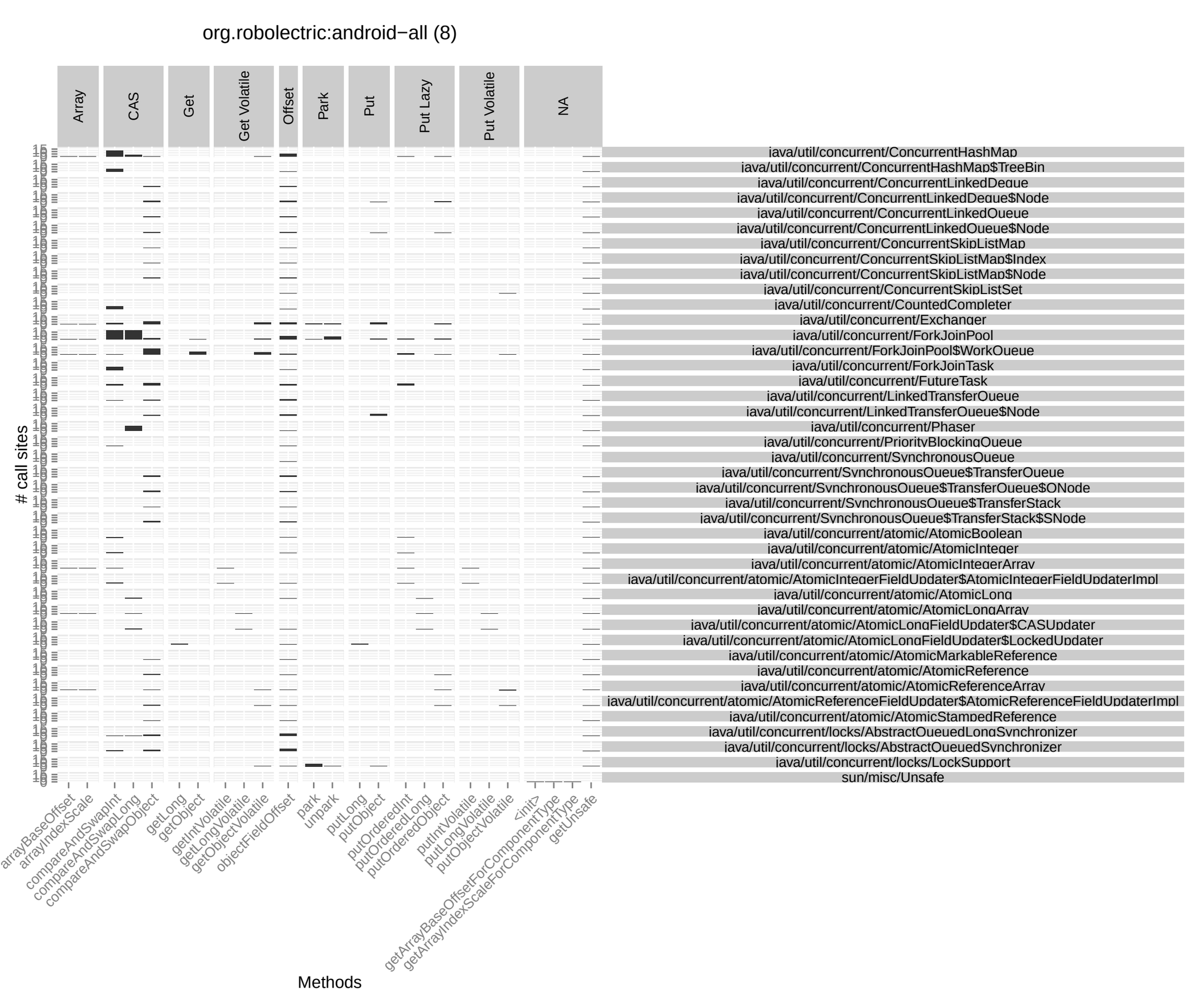

om.lexicalscope.fluent−reflection:fluent−reflection (8)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/lexicalscope/fluentreflection/internal/guava/primitives/$UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

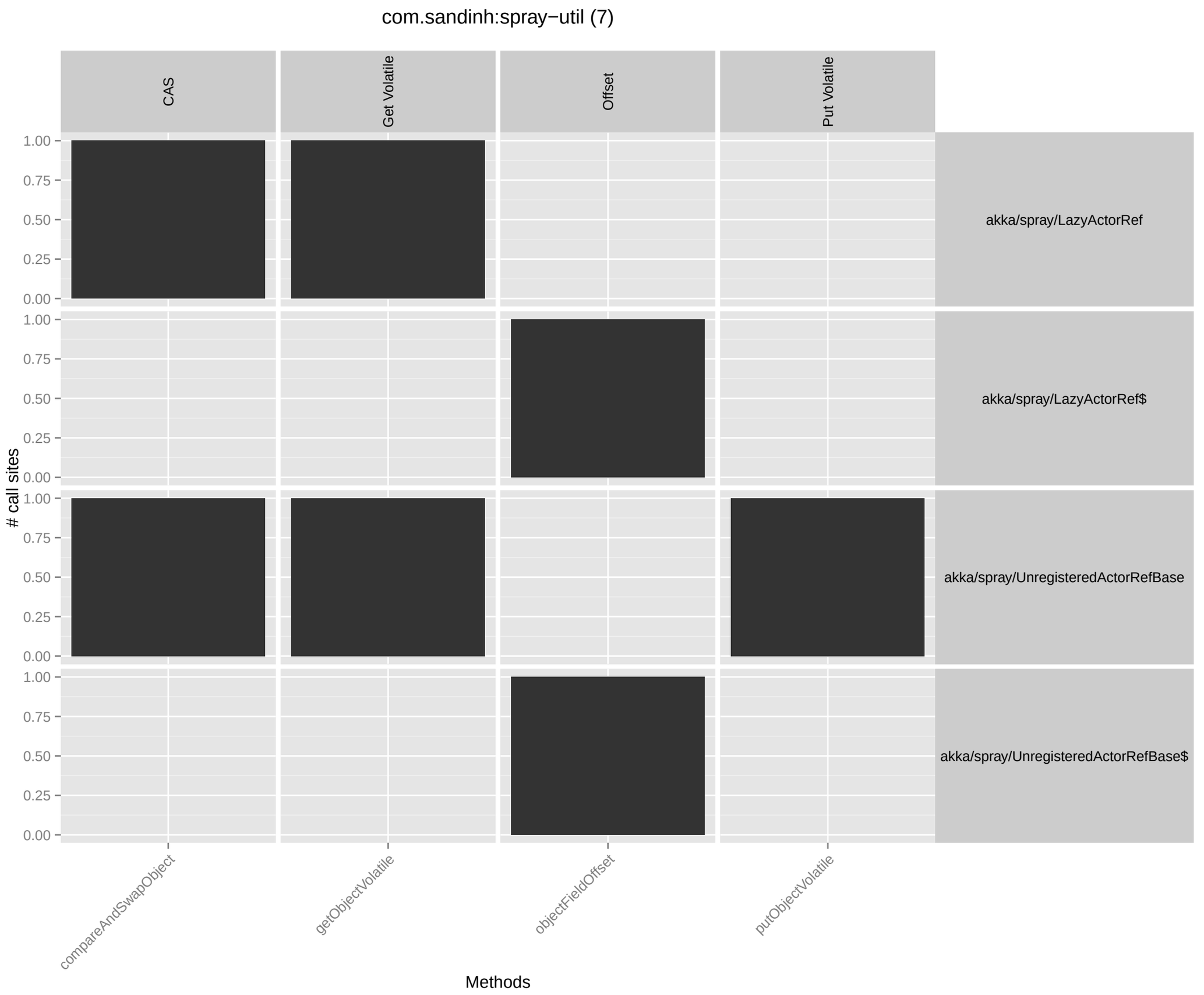

com.netaporter.gatling:gatling−core (8)
Get
Offset
io/gatling/core/util/StringHelper$$anonfun$1
io/gatling/core/util/StringHelper$$anonfun$2
io/gatling/core/util/UnsafeHelper$$anonfun$2$$anonfun$apply$1
io/gatling/core/util/UnsafeHelper$$anonfun$3$$anonfun$apply$2
io/gatling/core/util/UnsafeHelper$$anonfun$4$$anonfun$apply$3
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
Methods

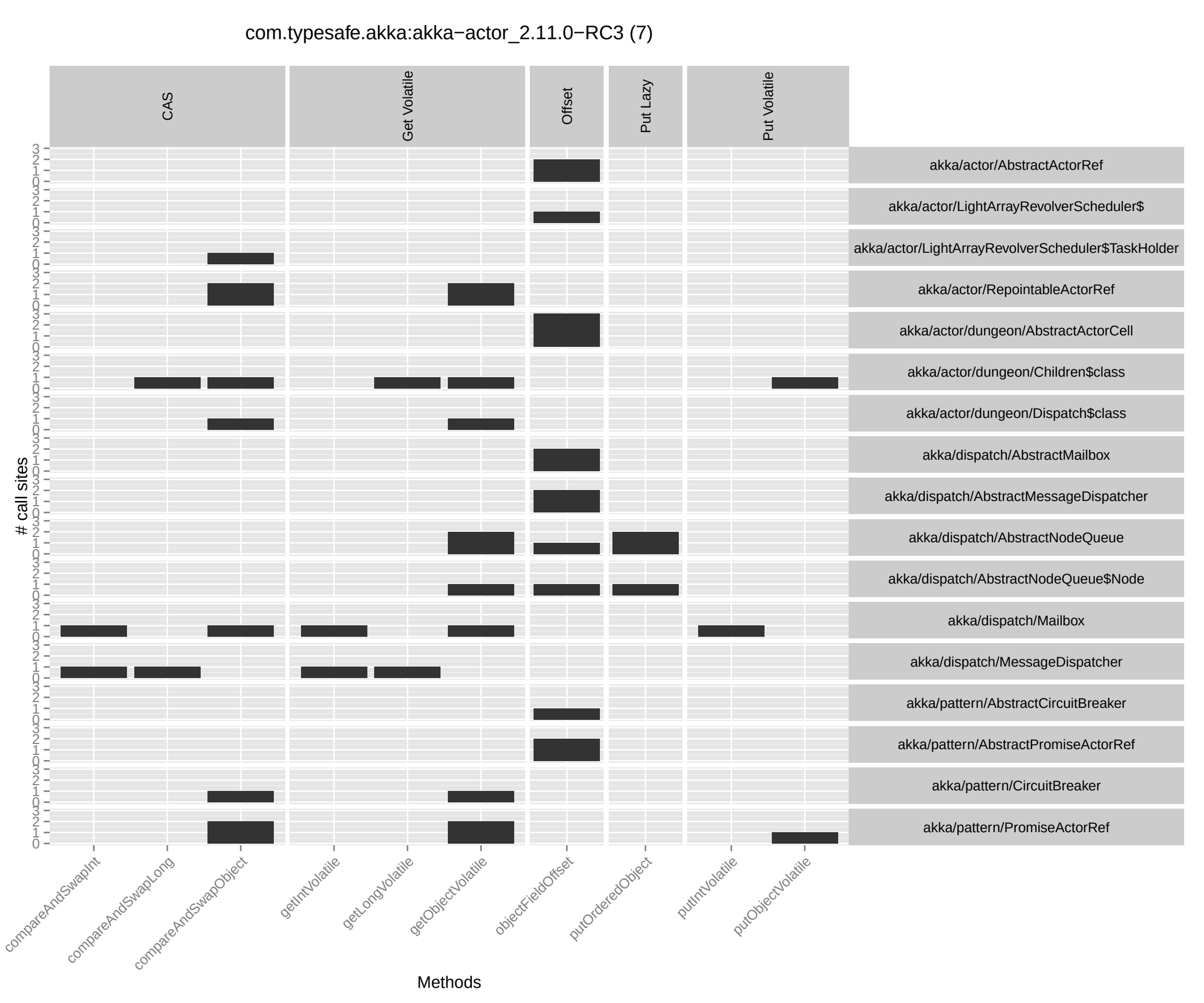

com.twitter:jsr166e (8)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/jsr166e/CountedCompleter
com/twitter/jsr166e/ForkJoinPool
com/twitter/jsr166e/ForkJoinPool$WorkQueue
com/twitter/jsr166e/ForkJoinTask
com/twitter/jsr166e/Striped64
com/twitter/jsr166e/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

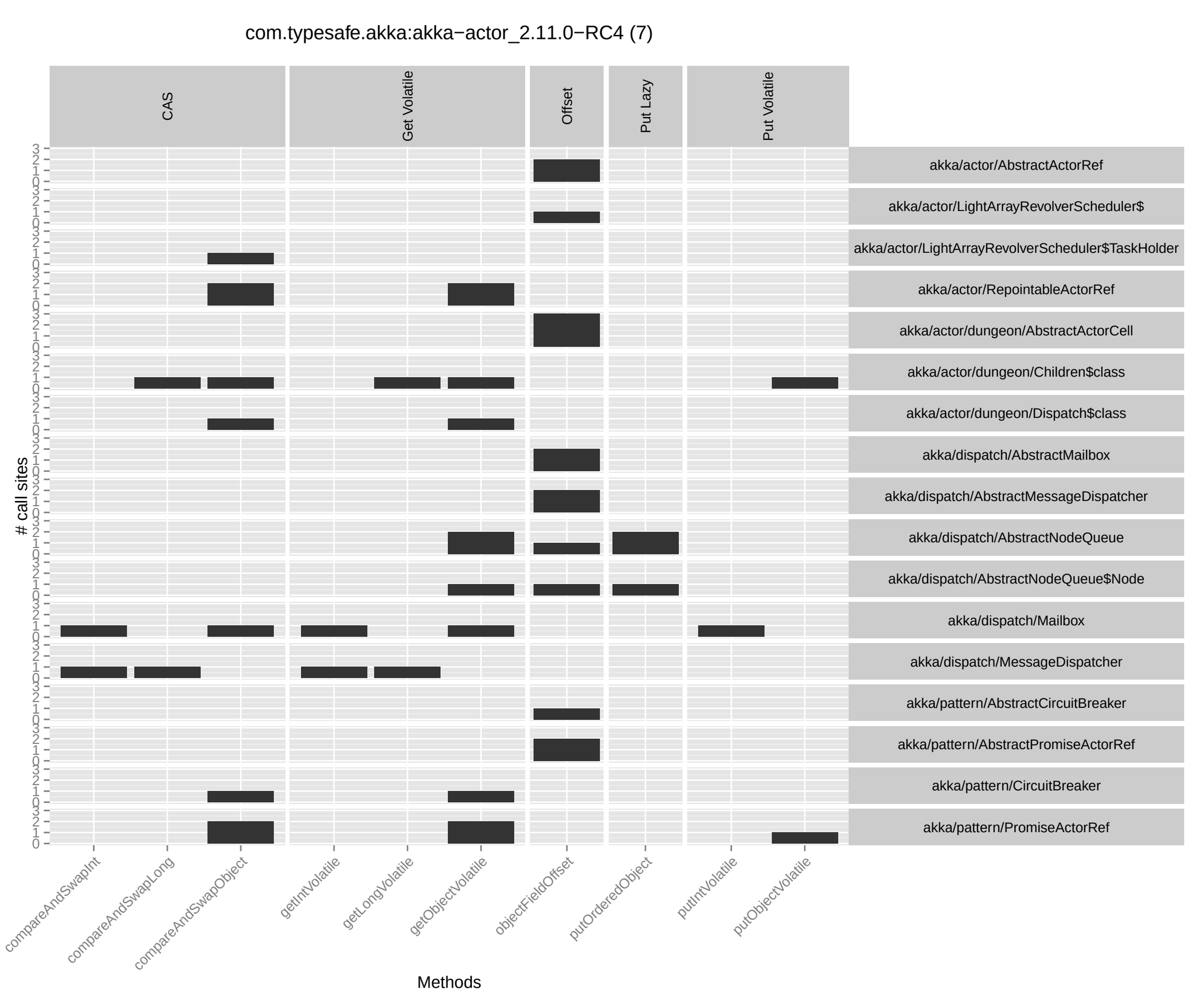

edu.berkeley.cs.shark:hive−exec (8)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

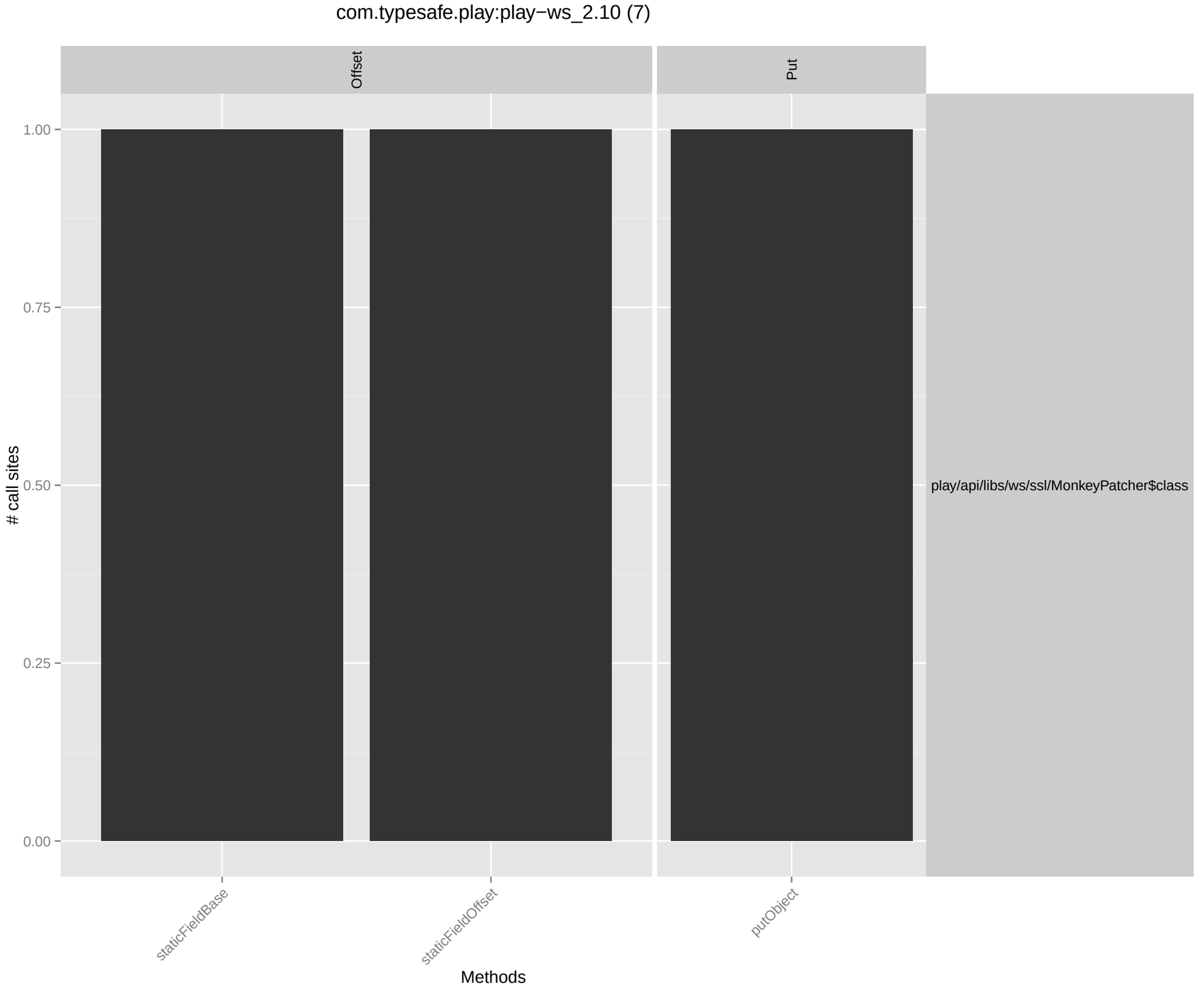

net.tribe7.seeds:seeds−primitives (8)
Array
Get
NA
net/tribe7/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
getUnsafe
Methods

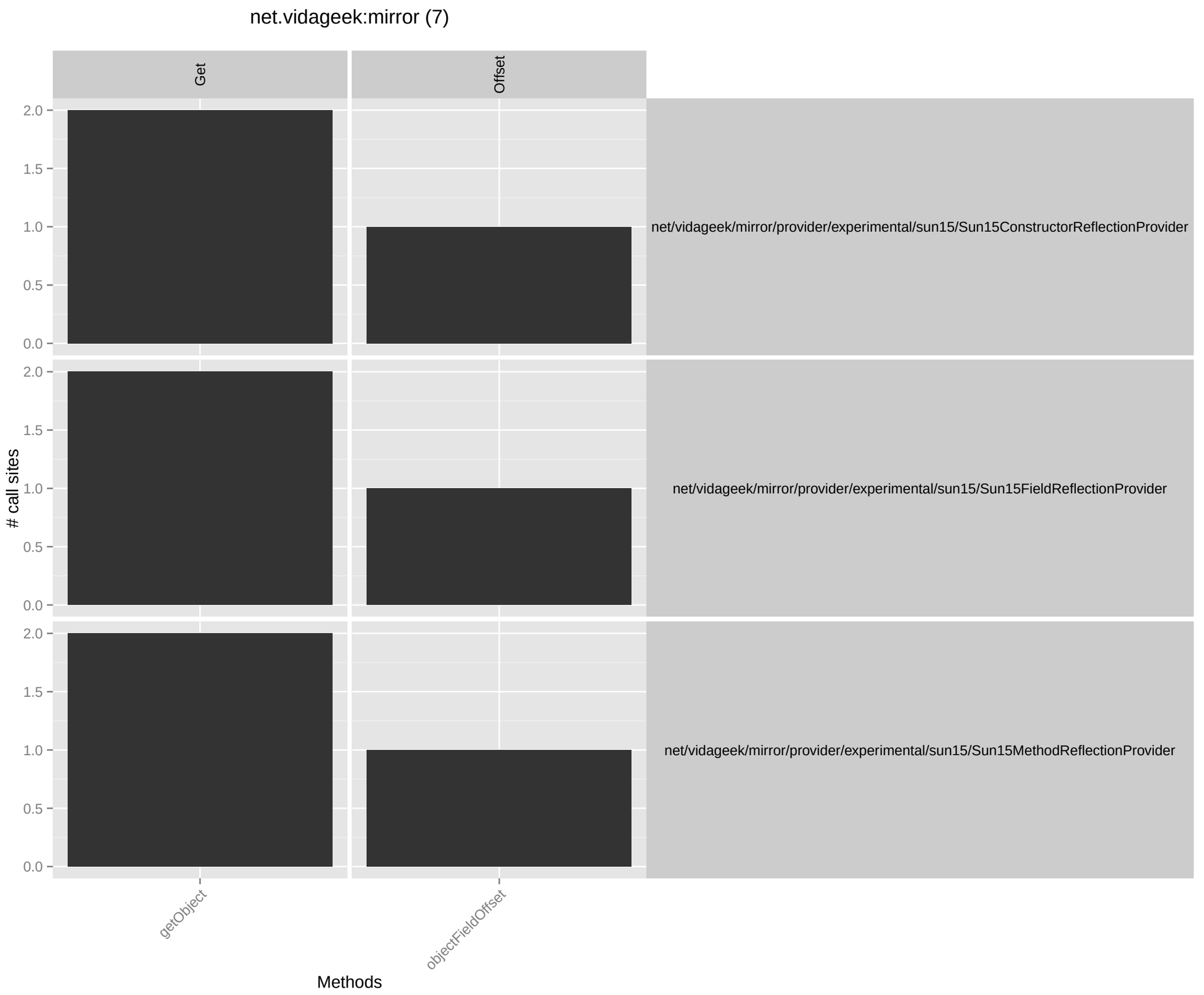

org.robolectric:android−all (8)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
call sites
java/util/concurrent/ConcurrentHashMap
java/util/concurrent/ConcurrentHashMap$TreeBin
java/util/concurrent/ConcurrentLinkedDeque
java/util/concurrent/ConcurrentLinkedDeque$Node
java/util/concurrent/ConcurrentLinkedQueue
java/util/concurrent/ConcurrentLinkedQueue$Node
java/util/concurrent/ConcurrentSkipListMap
java/util/concurrent/ConcurrentSkipListMap$Index
java/util/concurrent/ConcurrentSkipListMap$Node
java/util/concurrent/ConcurrentSkipListSet
java/util/concurrent/CountedCompleter
java/util/concurrent/Exchanger
java/util/concurrent/ForkJoinPool
java/util/concurrent/ForkJoinPool$WorkQueue
java/util/concurrent/ForkJoinTask
java/util/concurrent/FutureTask
java/util/concurrent/LinkedTransferQueue
java/util/concurrent/LinkedTransferQueue$Node
java/util/concurrent/Phaser
java/util/concurrent/PriorityBlockingQueue
java/util/concurrent/SynchronousQueue
java/util/concurrent/SynchronousQueue$TransferQueue
java/util/concurrent/SynchronousQueue$TransferQueue$QNode
java/util/concurrent/SynchronousQueue$TransferStack
java/util/concurrent/SynchronousQueue$TransferStack$SNode
java/util/concurrent/atomic/AtomicBoolean
java/util/concurrent/atomic/AtomicInteger
java/util/concurrent/atomic/AtomicIntegerArray
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
java/util/concurrent/atomic/AtomicLong
java/util/concurrent/atomic/AtomicLongArray
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater
java/util/concurrent/atomic/AtomicMarkableReference
java/util/concurrent/atomic/AtomicReference
java/util/concurrent/atomic/AtomicReferenceArray
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
java/util/concurrent/atomic/AtomicStampedReference
java/util/concurrent/locks/AbstractQueuedLongSynchronizer
java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/LockSupport
sun/misc/Unsafe
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putLong
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
<init>
getArrayBaseOffsetForComponentType
getArrayIndexScaleForComponentType
getUnsafe
Methods

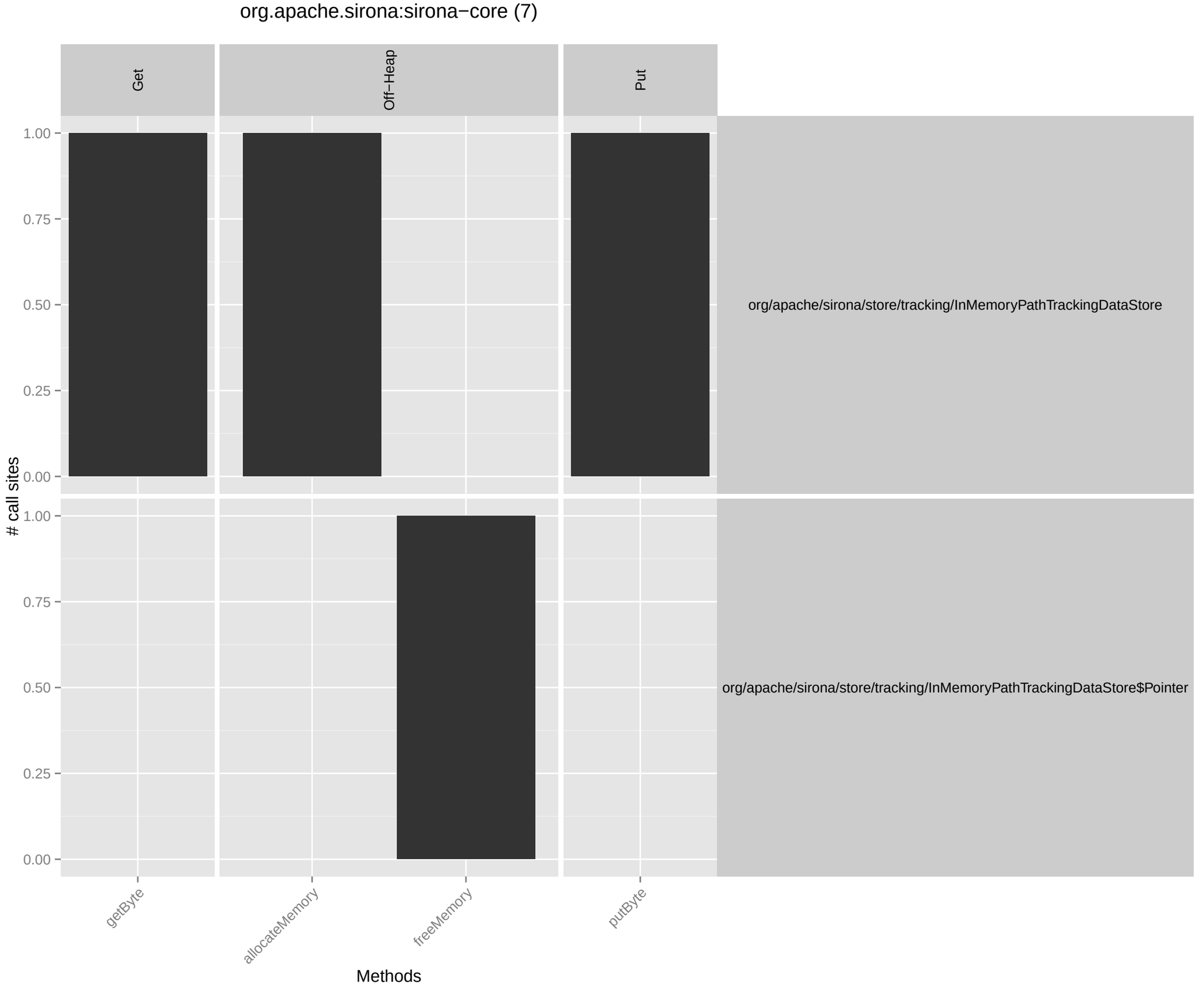

com.sandinh:spray−util (7)
CAS
Get Volatile
Offset
Put Volatile
akka/spray/LazyActorRef
akka/spray/LazyActorRef$
akka/spray/UnregisteredActorRefBase
akka/spray/UnregisteredActorRefBase$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

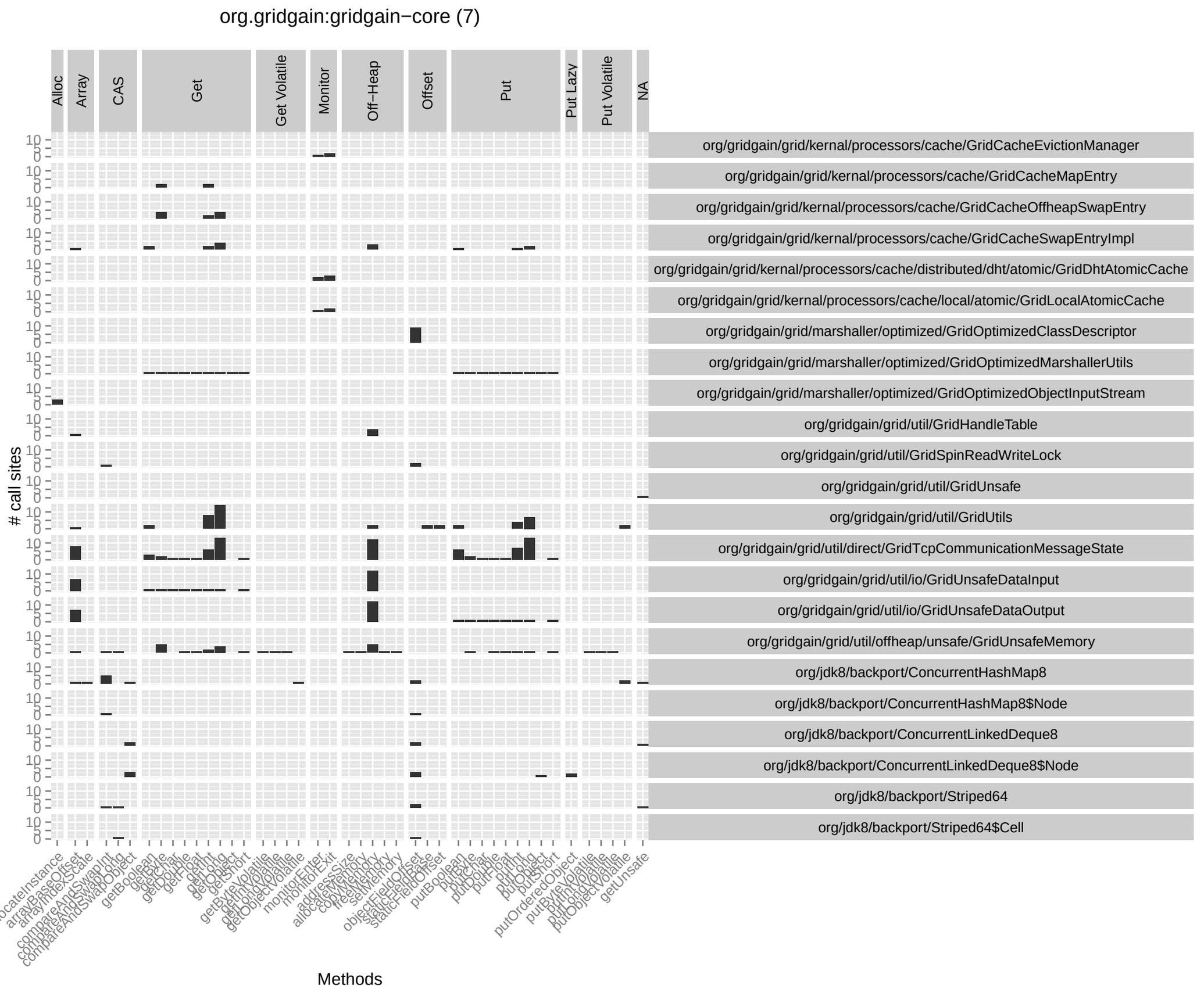

com.typesafe.akka:akka−actor_2.11.0−RC3 (7)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

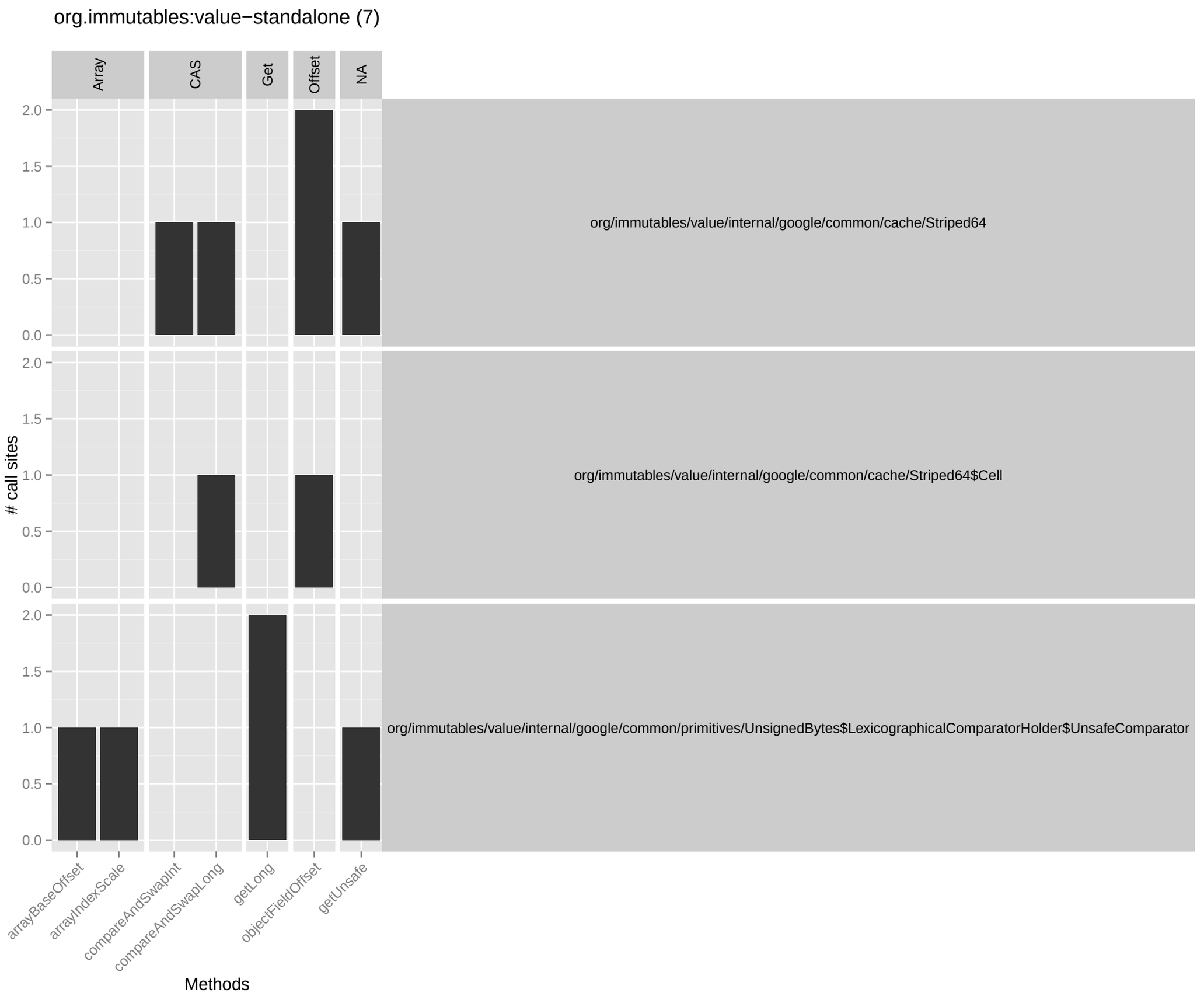

com.typesafe.akka:akka−actor_2.11.0−RC4 (7)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

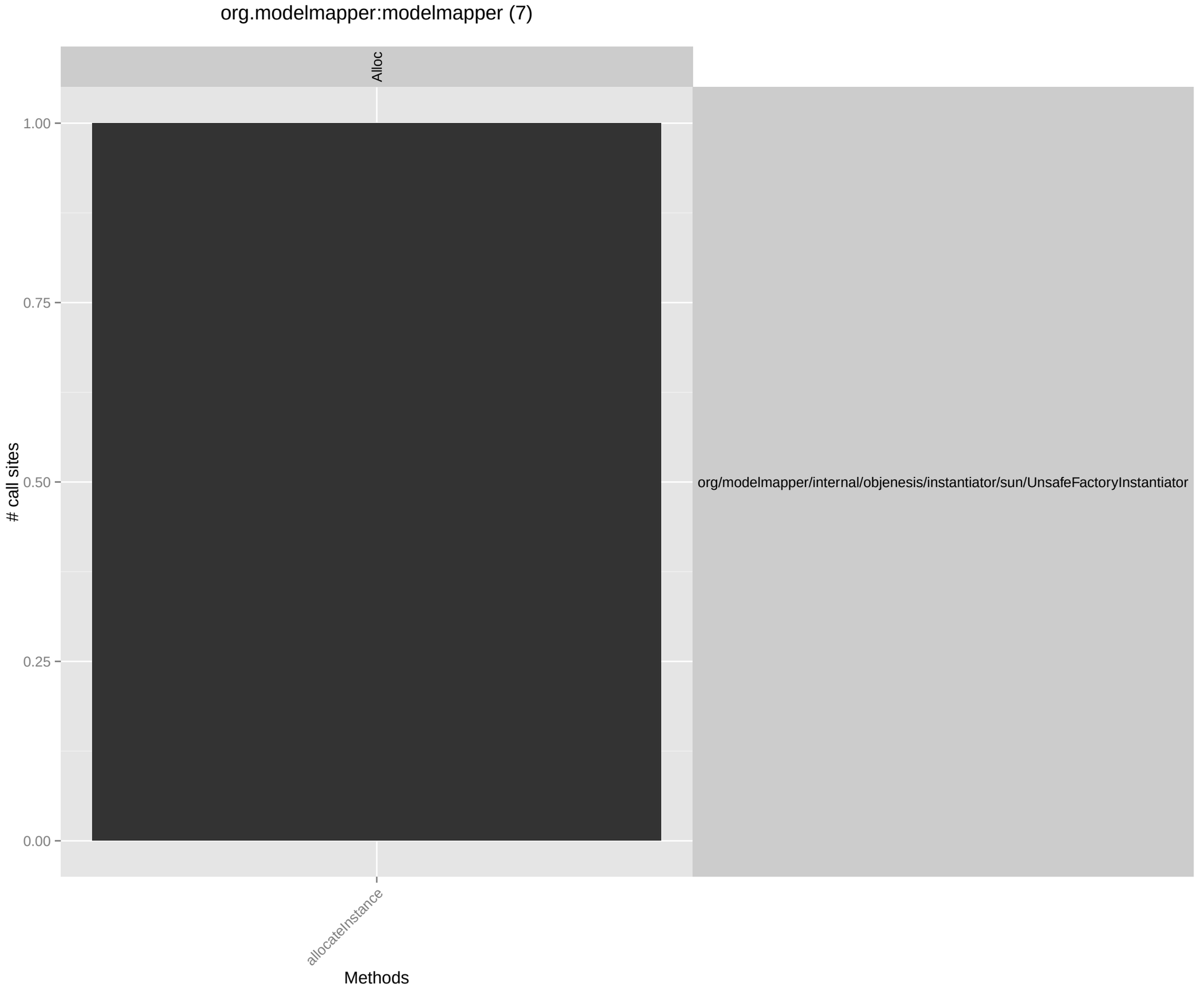

com.typesafe.play:play−ws_2.10 (7)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
play/api/libs/ws/ssl/MonkeyPatcher$class
staticFieldBase
staticFieldOffset
putObject
Methods

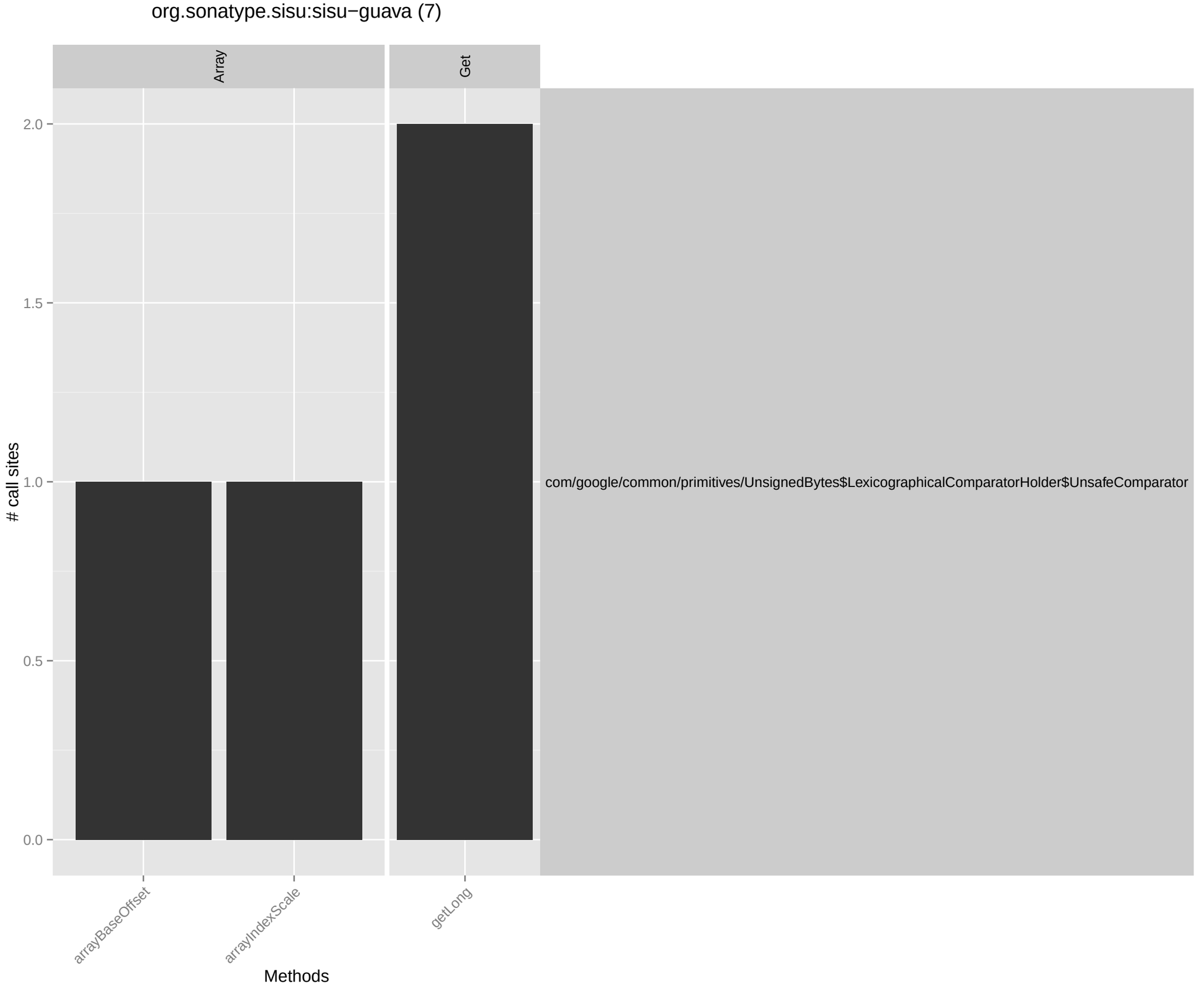

net.vidageek:mirror (7)
Get
Offset
net/vidageek/mirror/provider/experimental/sun15/Sun15ConstructorReflectionProvider
net/vidageek/mirror/provider/experimental/sun15/Sun15FieldReflectionProvider
net/vidageek/mirror/provider/experimental/sun15/Sun15MethodReflectionProvider
call sites
2.0
1.5
1.0
0.5
0.0
getObject
objectFieldOffset
Methods

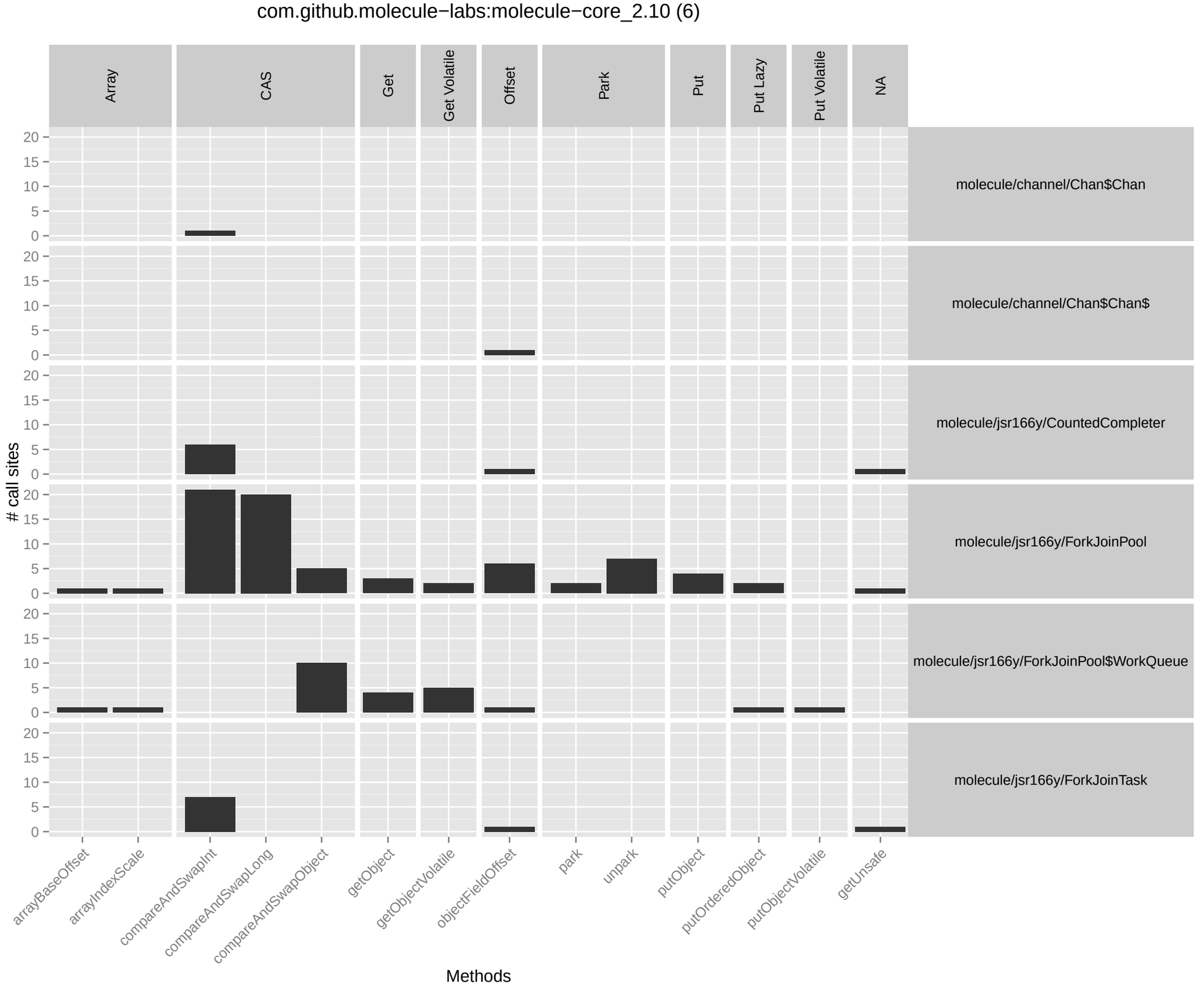

org.apache.sirona:sirona−core (7)
Get
Off−Heap
Put
org/apache/sirona/store/tracking/InMemoryPathTrackingDataStore
org/apache/sirona/store/tracking/InMemoryPathTrackingDataStore$Pointer
call sites
1.00
0.75
0.50
0.25
0.00
getByte
allocateMemory
freeMemory
putByte
Methods

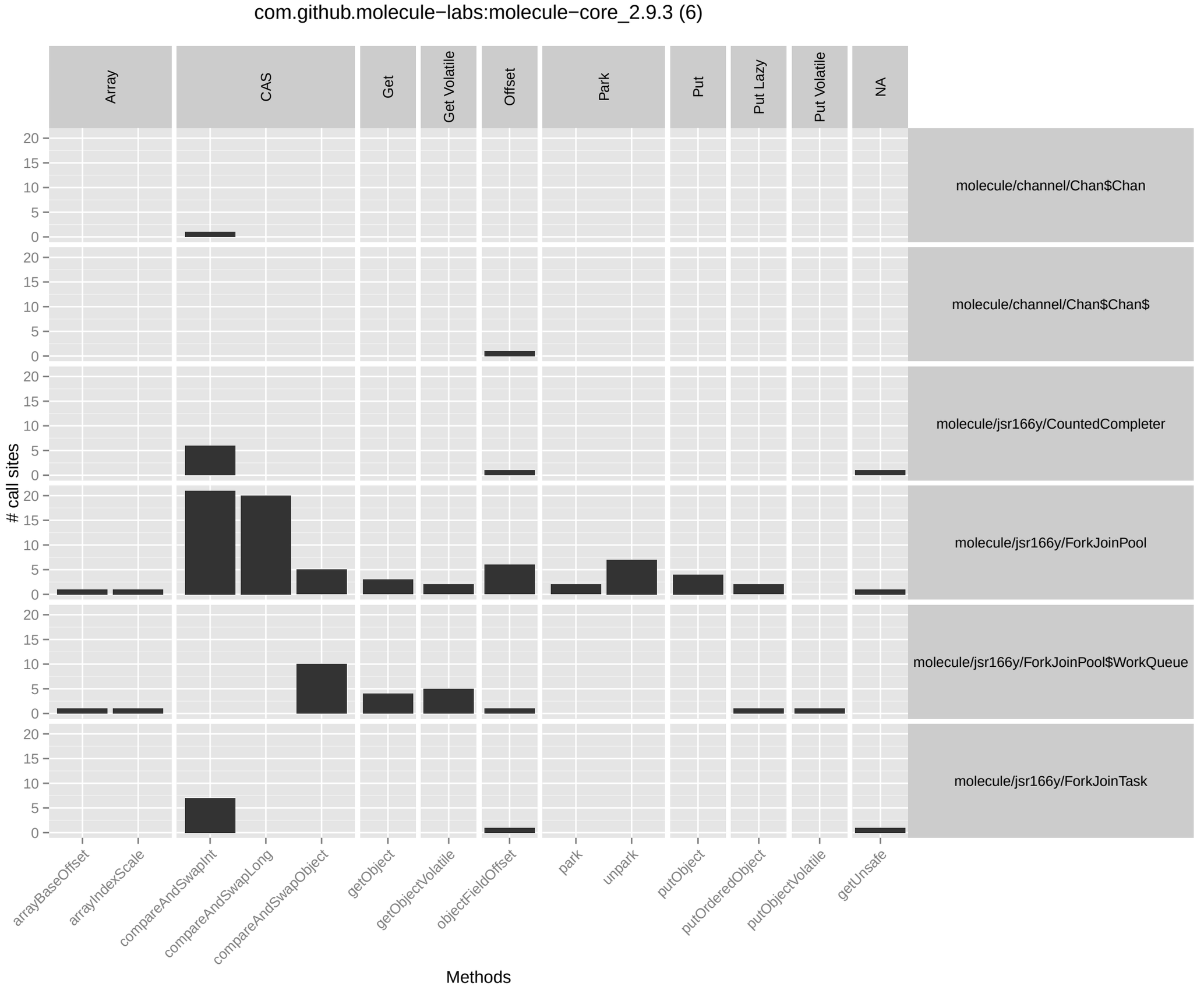

org.gridgain:gridgain−core (7)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/GridCacheMapEntry
org/gridgain/grid/kernal/processors/cache/GridCacheOffheapSwapEntry
org/gridgain/grid/kernal/processors/cache/GridCacheSwapEntryImpl
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/util/GridHandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

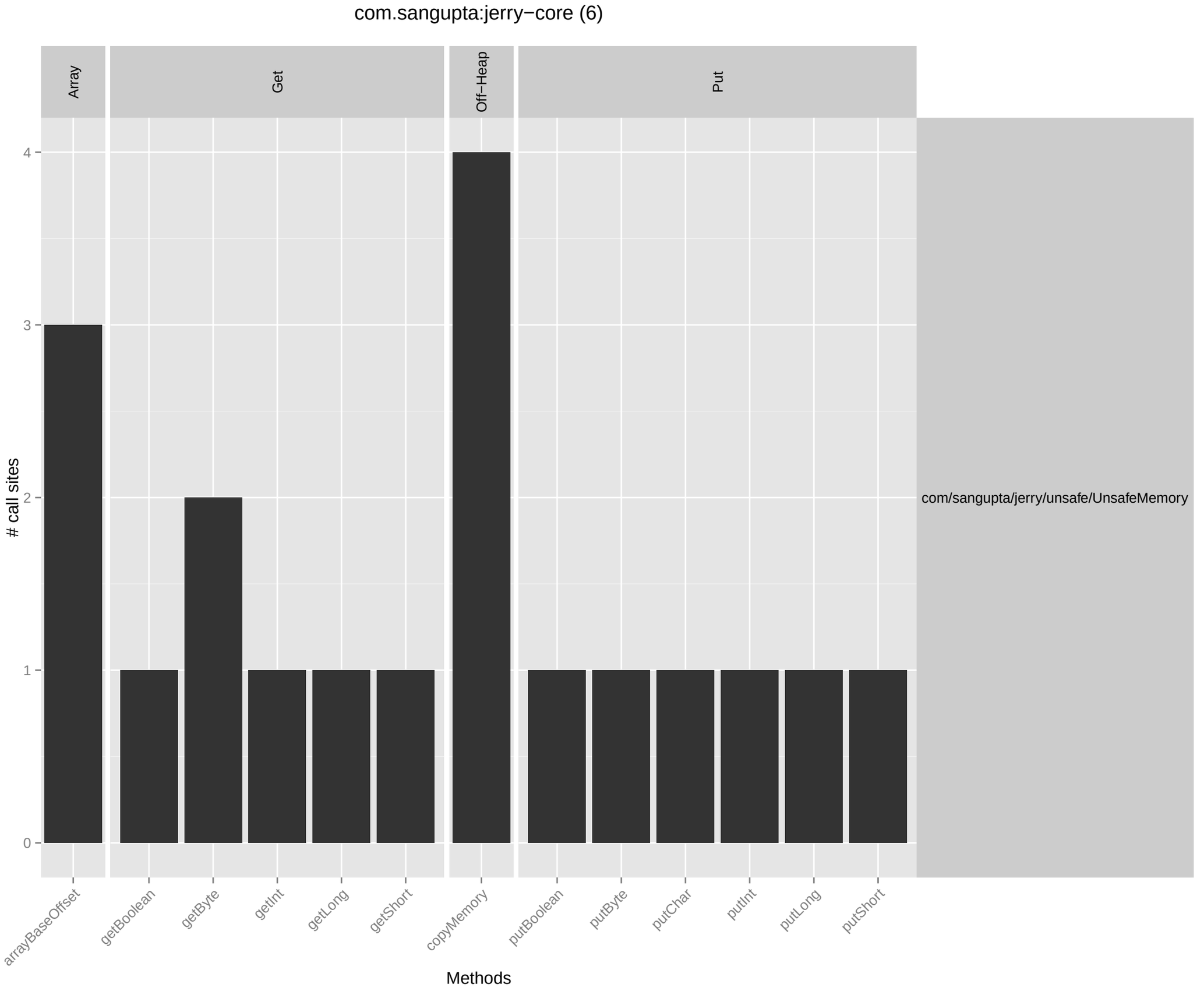

org.immutables:value−standalone (7)
Array
CAS
Get
Offset
NA
org/immutables/value/internal/google/common/cache/Striped64
org/immutables/value/internal/google/common/cache/Striped64$Cell
org/immutables/value/internal/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

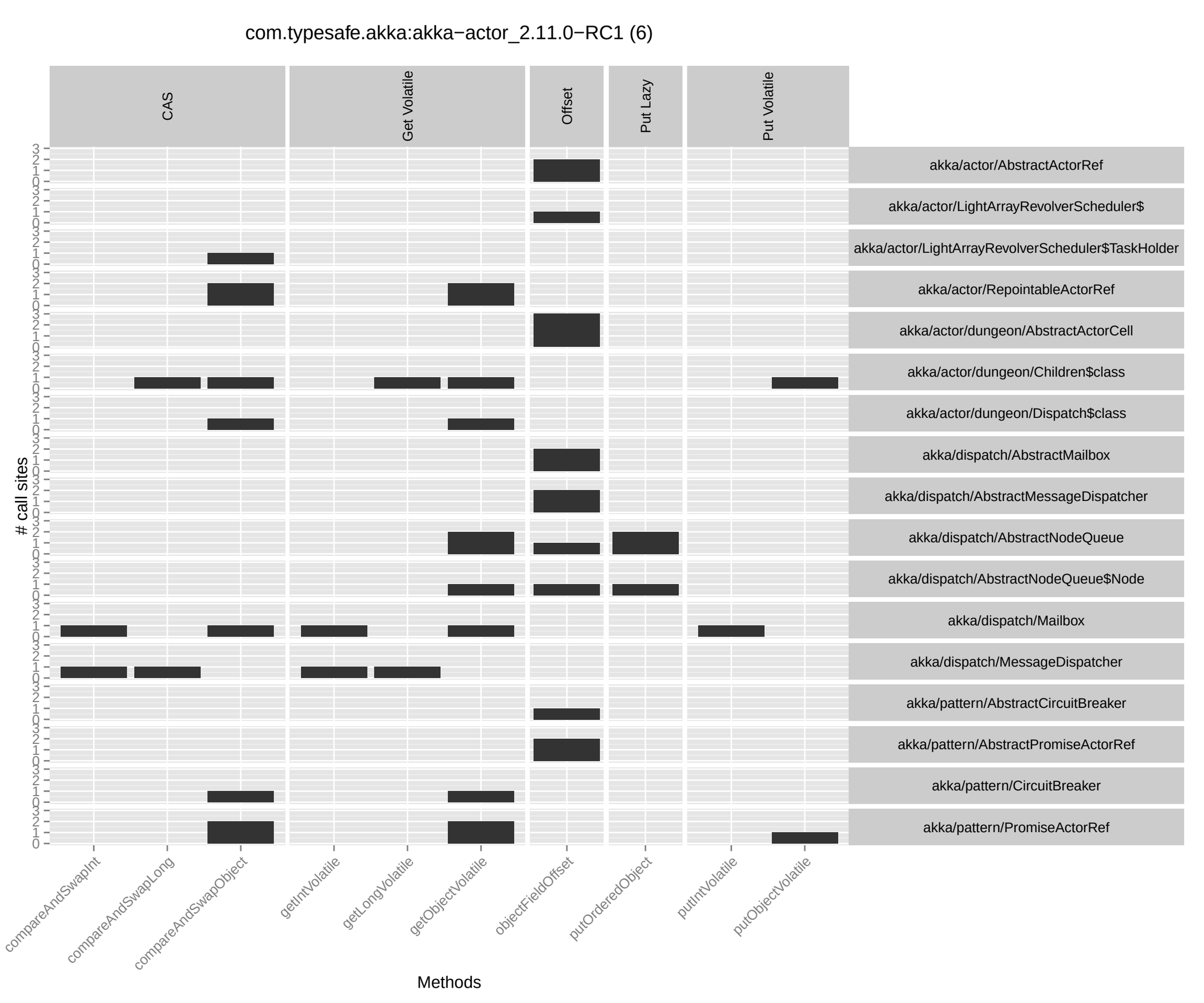

org.modelmapper:modelmapper (7)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/modelmapper/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

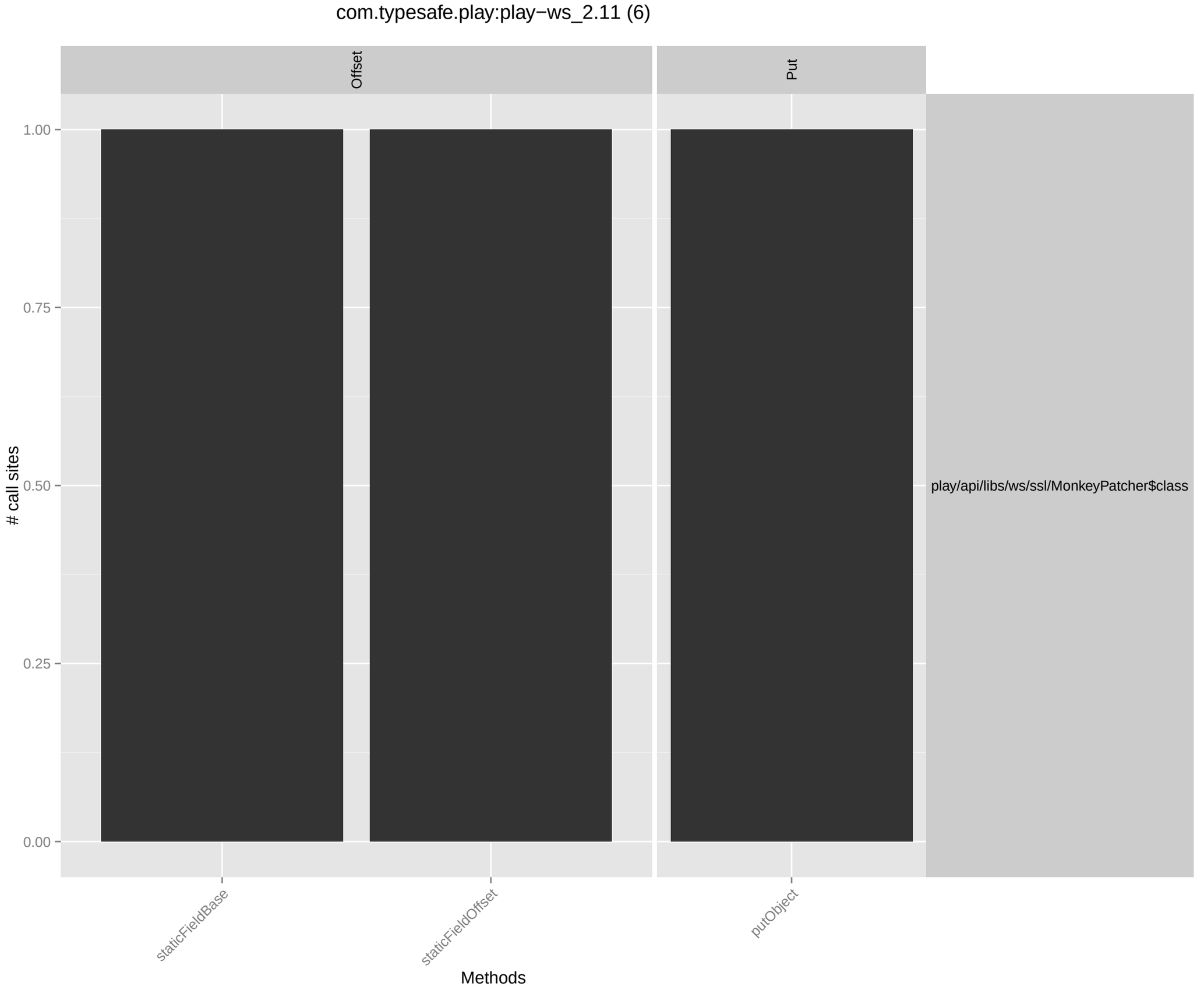

org.sonatype.sisu:sisu−guava (7)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

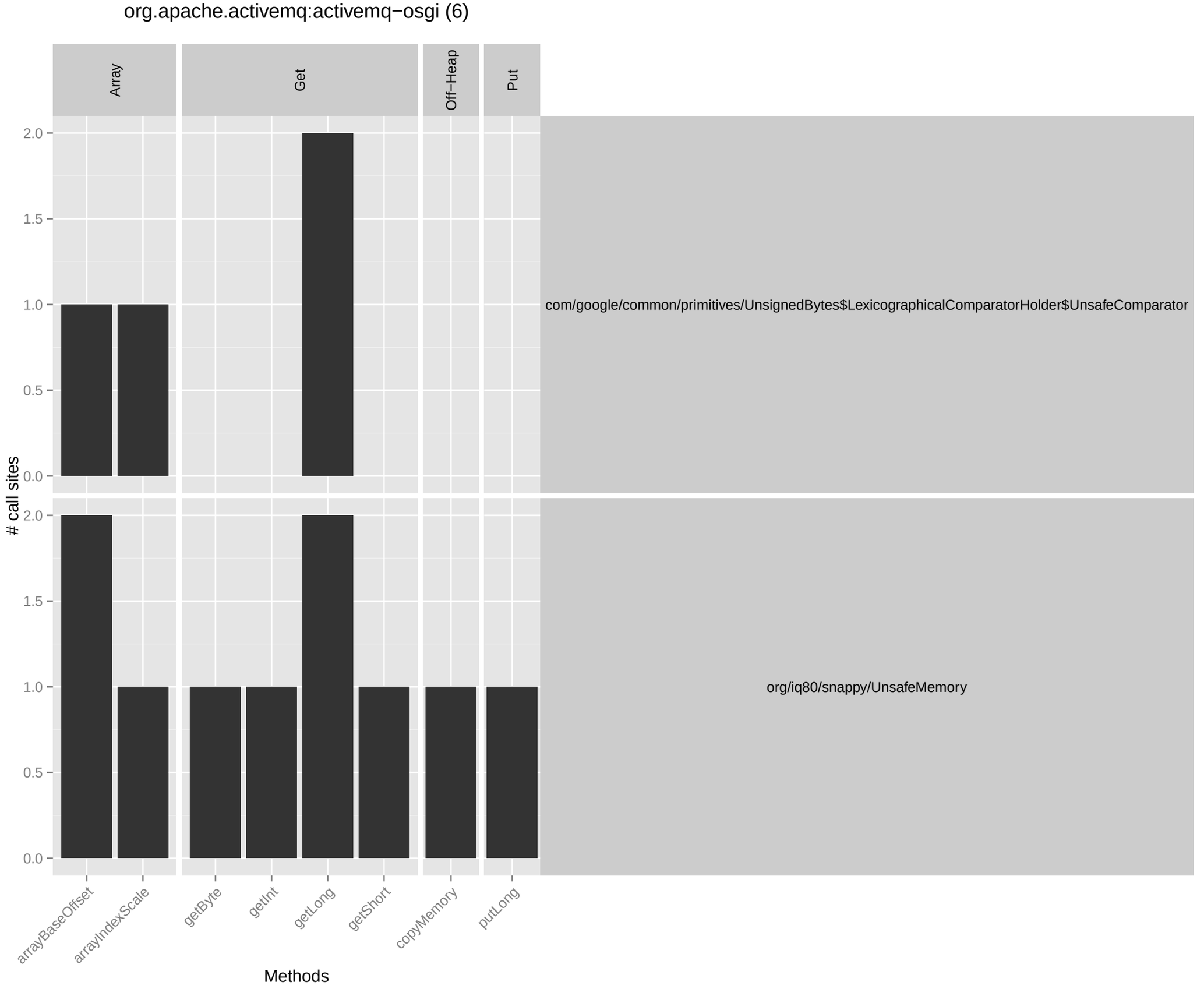

com.github.molecule−labs:molecule−core_2.10 (6)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
molecule/channel/Chan$Chan
molecule/channel/Chan$Chan$
molecule/jsr166y/CountedCompleter
molecule/jsr166y/ForkJoinPool
molecule/jsr166y/ForkJoinPool$WorkQueue
molecule/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

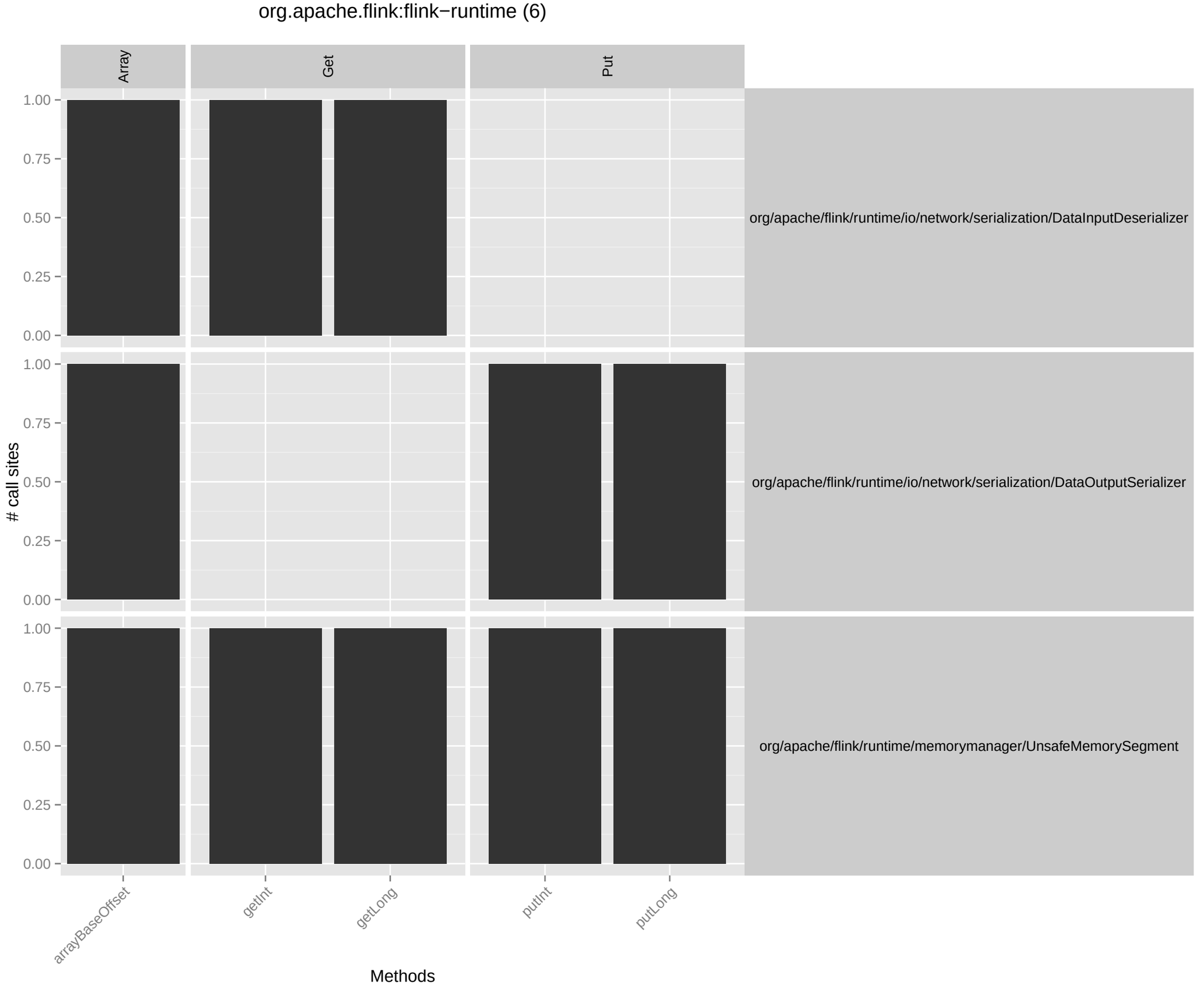

com.github.molecule−labs:molecule−core_2.9.3 (6)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
molecule/channel/Chan$Chan
molecule/channel/Chan$Chan$
molecule/jsr166y/CountedCompleter
molecule/jsr166y/ForkJoinPool
molecule/jsr166y/ForkJoinPool$WorkQueue
molecule/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

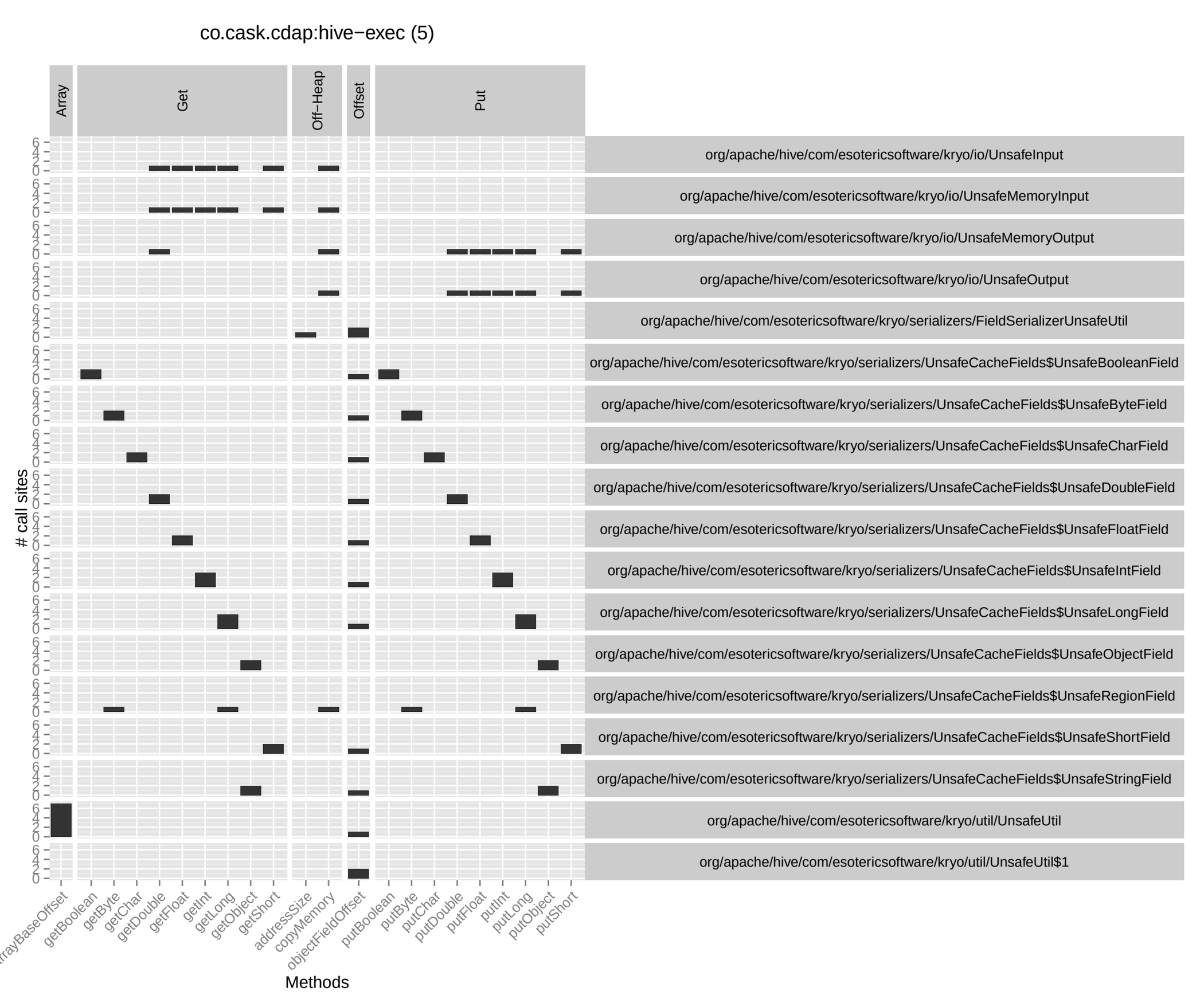

com.sangupta:jerry−core (6)
Array
Get
Off−Heap
Put
com/sangupta/jerry/unsafe/UnsafeMemory
call sites
0
1
2
3
4
arrayBaseOffset
getBoolean
getByte
getInt
getLong
getShort
copyMemory
putBoolean
putByte
putChar
putInt
putLong
putShort
Methods

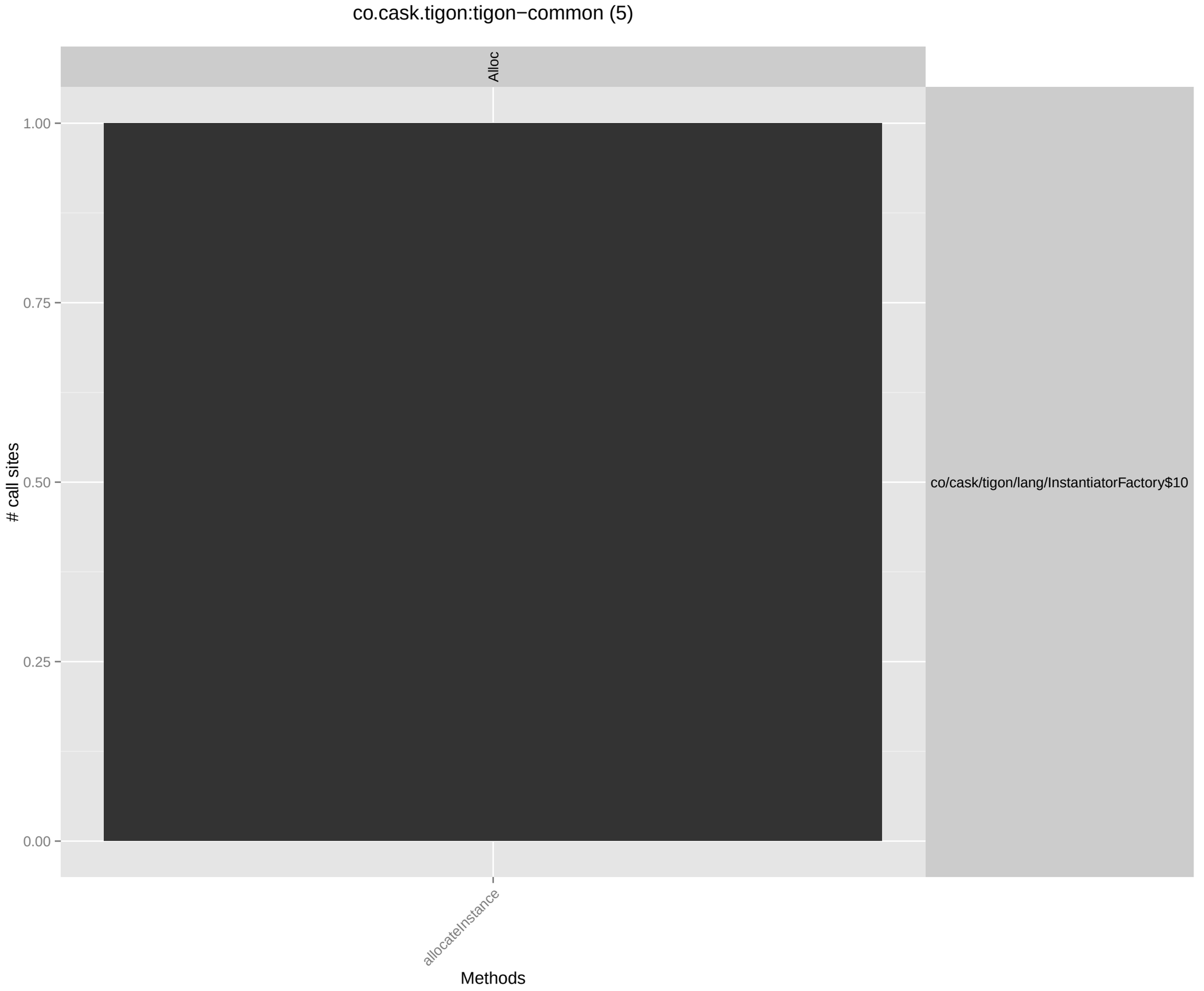

com.typesafe.akka:akka−actor_2.11.0−RC1 (6)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

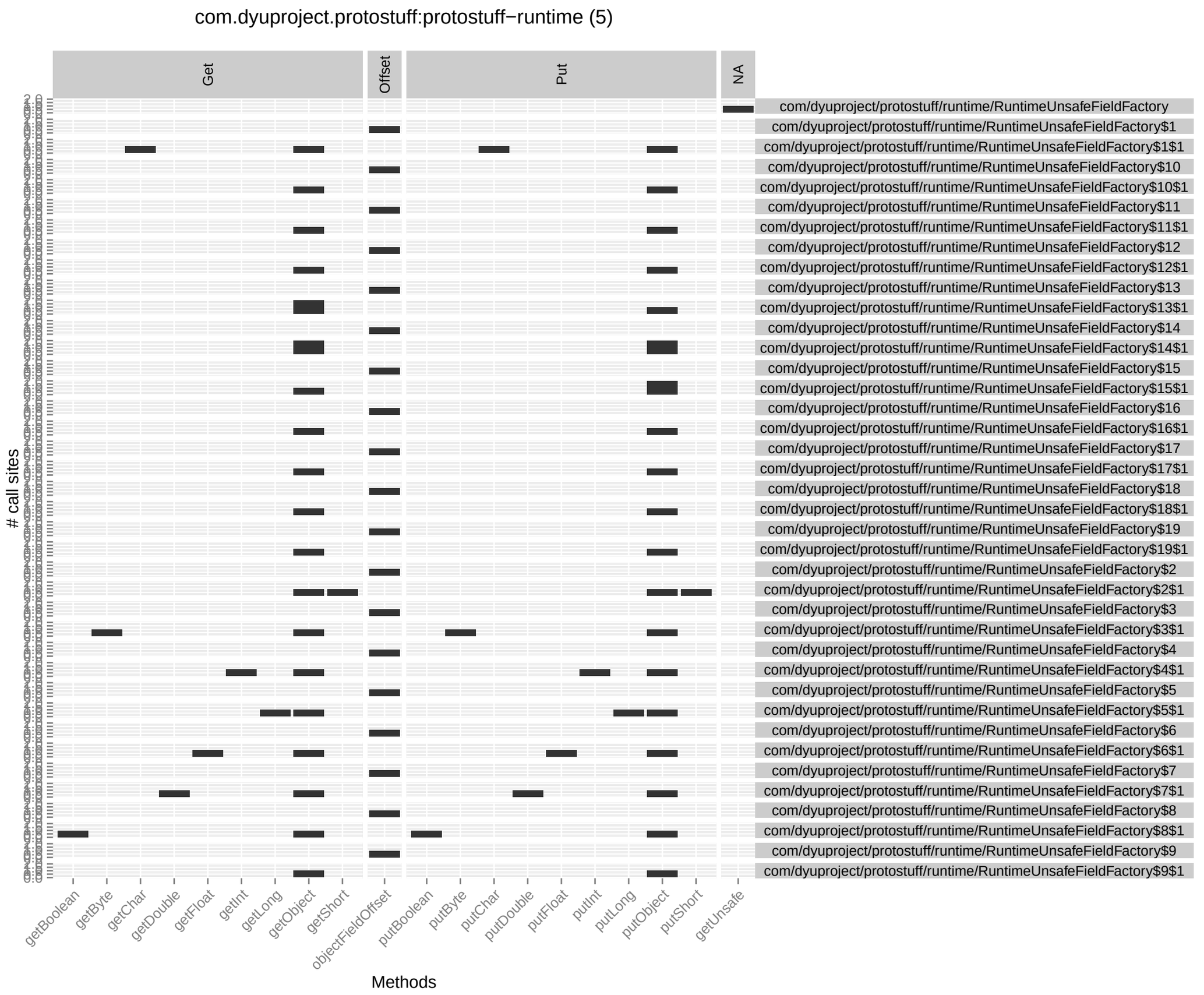

com.typesafe.play:play−ws_2.11 (6)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
play/api/libs/ws/ssl/MonkeyPatcher$class
staticFieldBase
staticFieldOffset
putObject
Methods

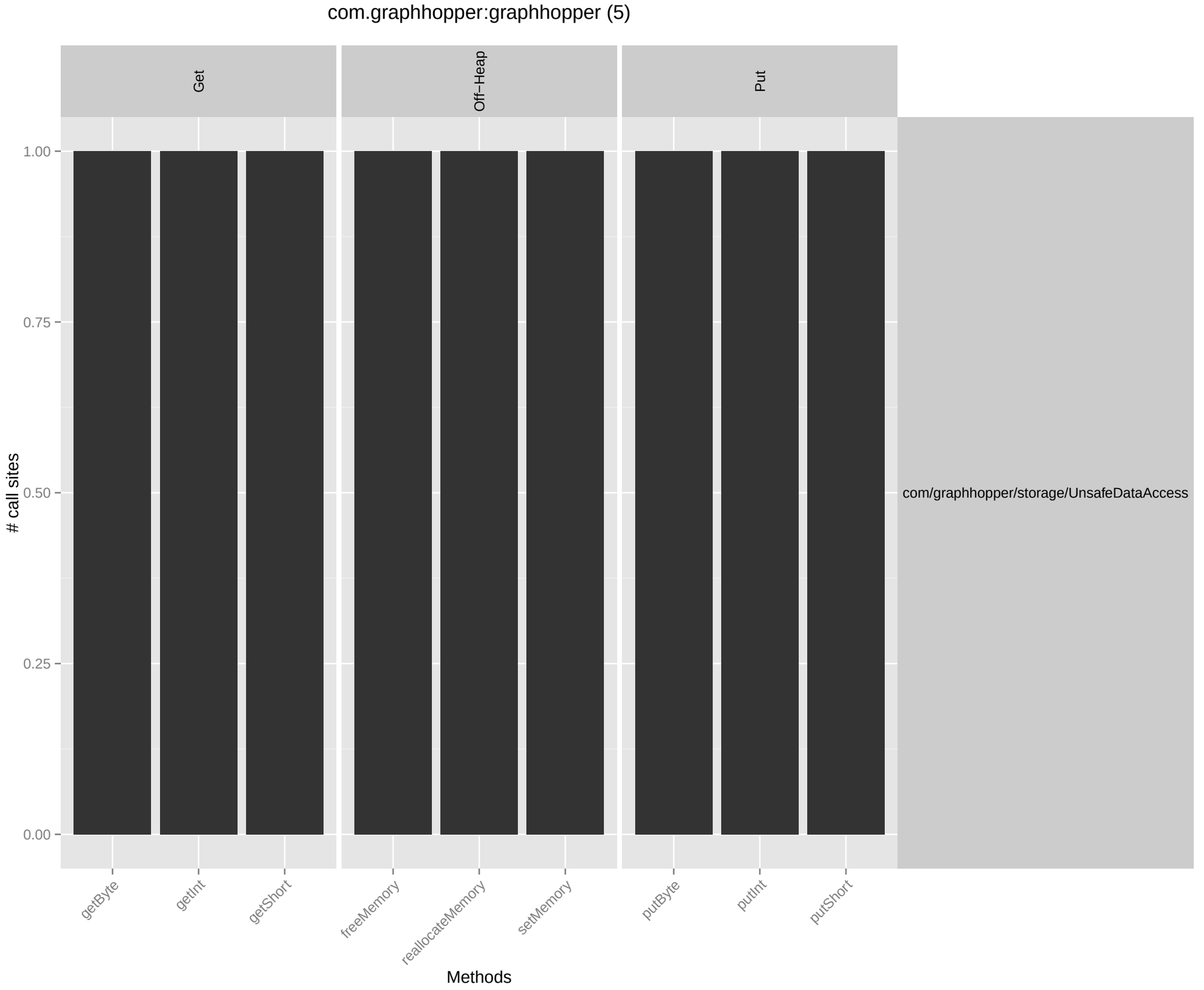

org.apache.activemq:activemq−osgi (6)
Array
Get
Off−Heap
Put
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/iq80/snappy/UnsafeMemory
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

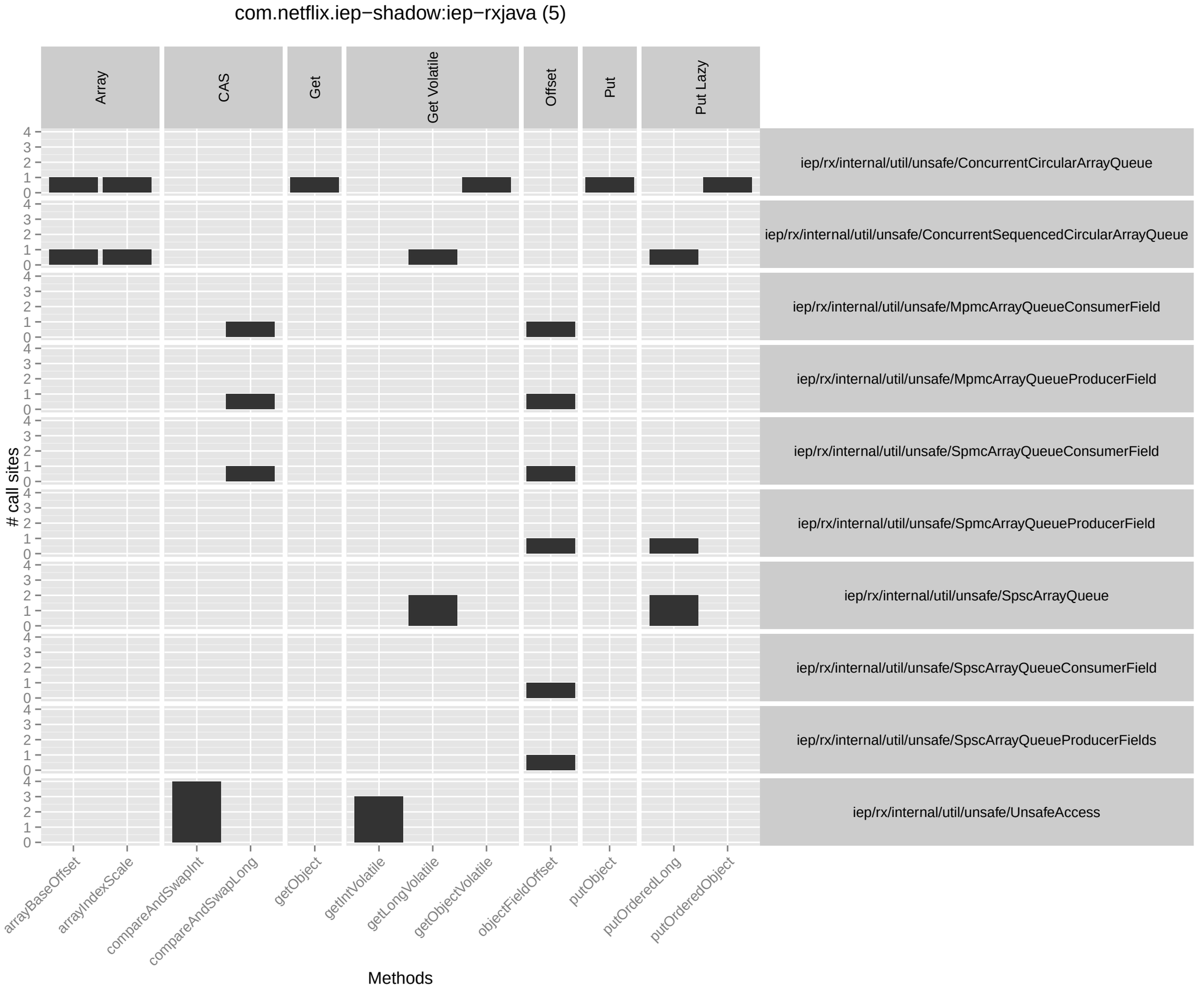

org.apache.flink:flink−runtime (6)
Array
Get
Put
org/apache/flink/runtime/io/network/serialization/DataInputDeserializer
org/apache/flink/runtime/io/network/serialization/DataOutputSerializer
org/apache/flink/runtime/memorymanager/UnsafeMemorySegment
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

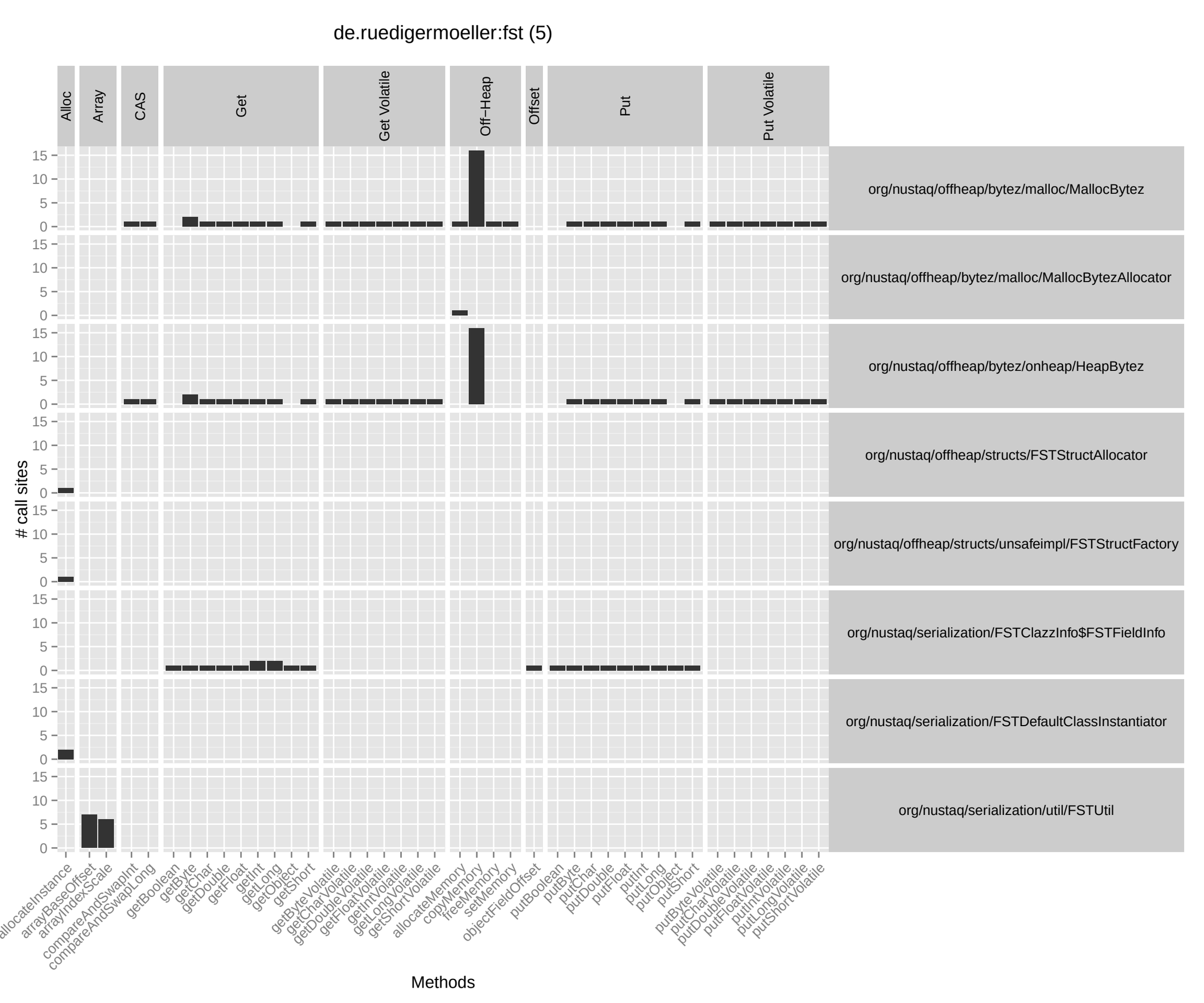

co.cask.cdap:hive−exec (5)
Array
Get
Off−Heap
Offset
Put
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryOutput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeOutput
org/apache/hive/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

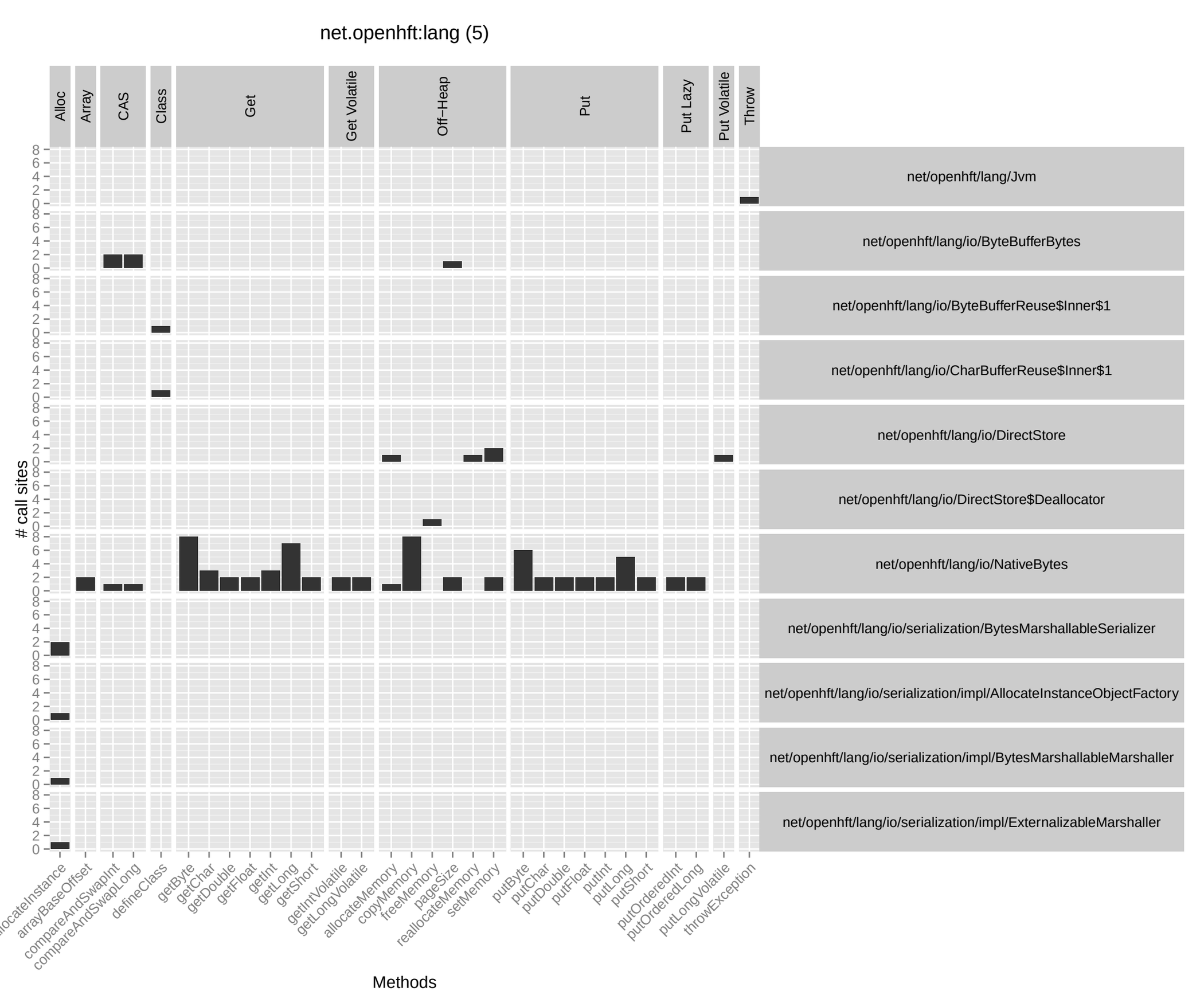

co.cask.tigon:tigon−common (5)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/tigon/lang/InstantiatorFactory$10
allocateInstance
Methods

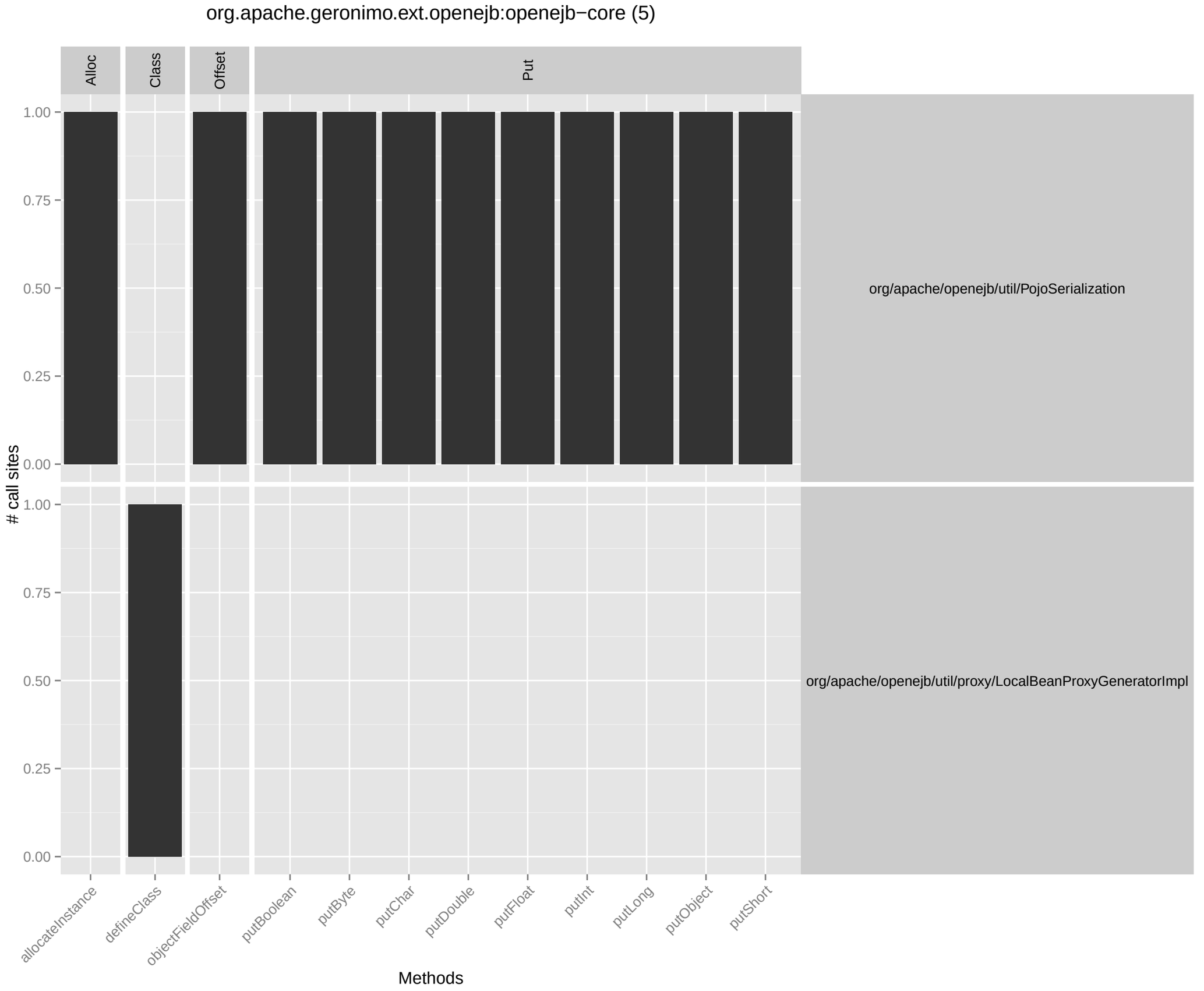

com.dyuproject.protostuff:protostuff−runtime (5)
Get
Offset
Put
NA
call sites
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$1$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$10
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$10$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$11
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$11$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$12
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$12$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$13
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$13$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$14
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$14$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$15
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$15$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$16
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$16$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$17
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$17$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$18
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$18$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$19
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$19$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$2
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$2$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$3
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$3$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$4
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$4$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$5
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$5$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$6
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$6$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$7
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$7$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$8
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$8$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$9
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$9$1
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

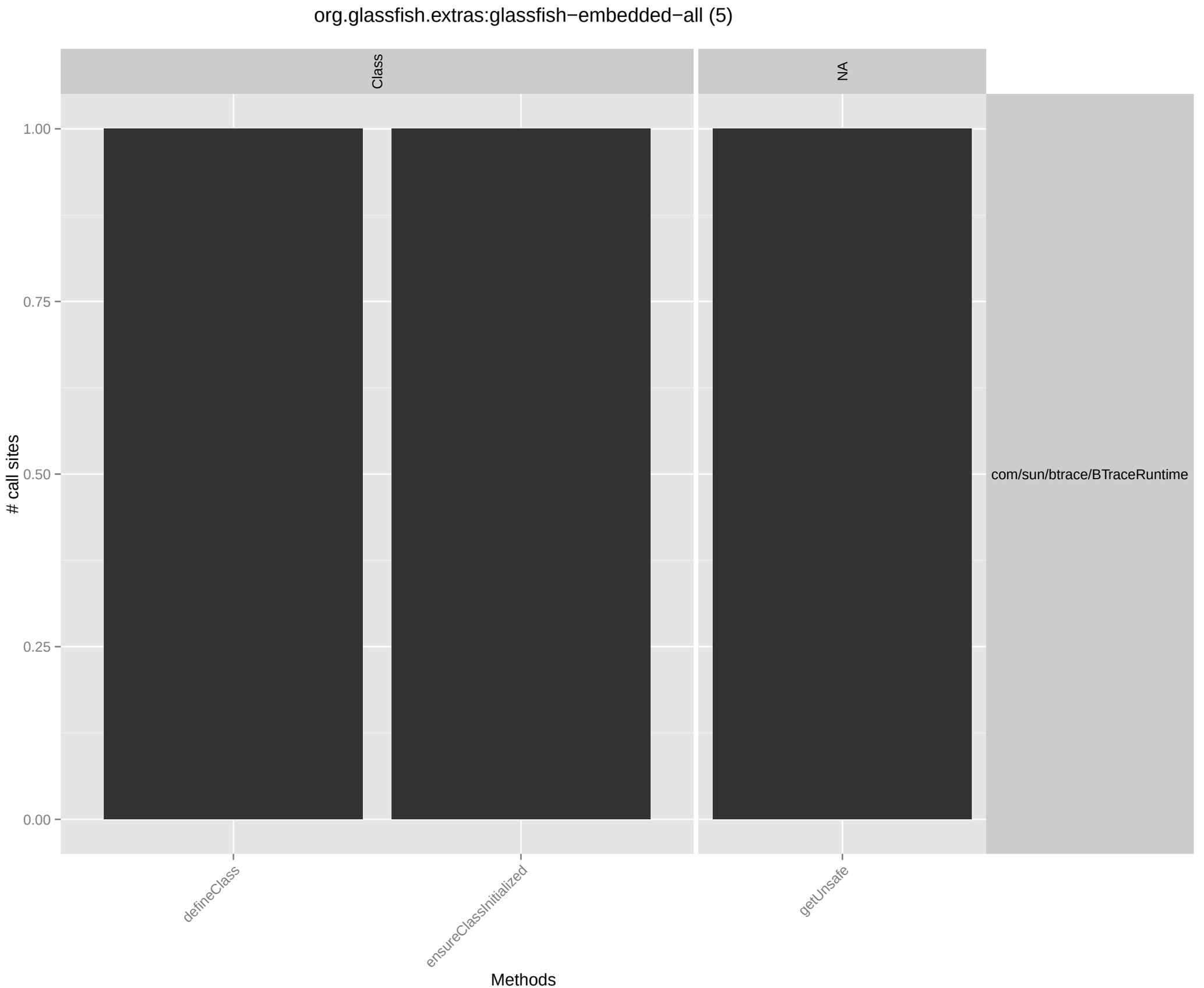

com.graphhopper:graphhopper (5)
Get
Off−Heap
Put
com/graphhopper/storage/UnsafeDataAccess
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getInt
getShort
freeMemory
reallocateMemory
setMemory
putByte
putInt
putShort
Methods

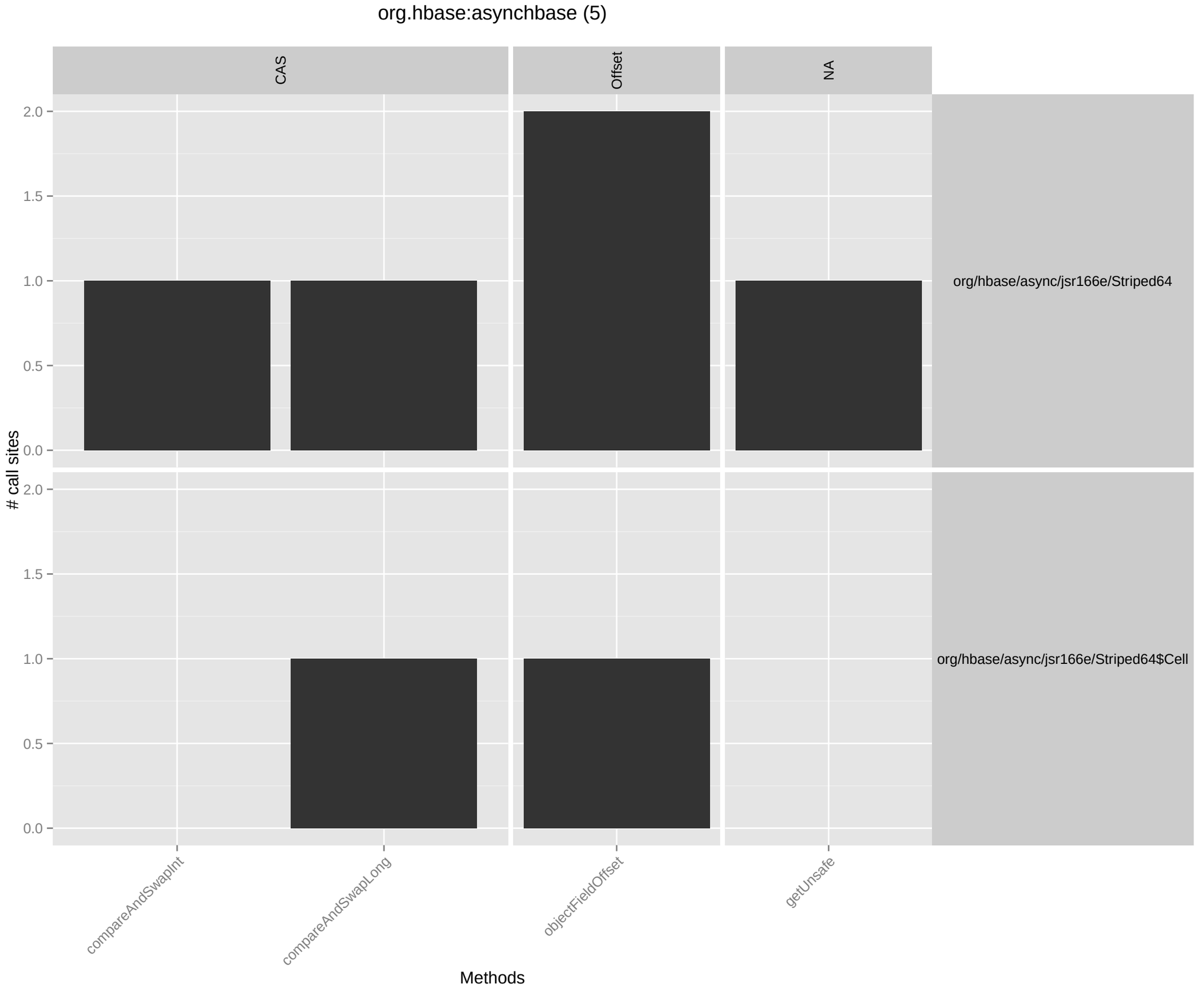

com.netflix.iep−shadow:iep−rxjava (5)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
iep/rx/internal/util/unsafe/ConcurrentCircularArrayQueue
iep/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue
iep/rx/internal/util/unsafe/MpmcArrayQueueConsumerField
iep/rx/internal/util/unsafe/MpmcArrayQueueProducerField
iep/rx/internal/util/unsafe/SpmcArrayQueueConsumerField
iep/rx/internal/util/unsafe/SpmcArrayQueueProducerField
iep/rx/internal/util/unsafe/SpscArrayQueue
iep/rx/internal/util/unsafe/SpscArrayQueueConsumerField
iep/rx/internal/util/unsafe/SpscArrayQueueProducerFields
iep/rx/internal/util/unsafe/UnsafeAccess
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

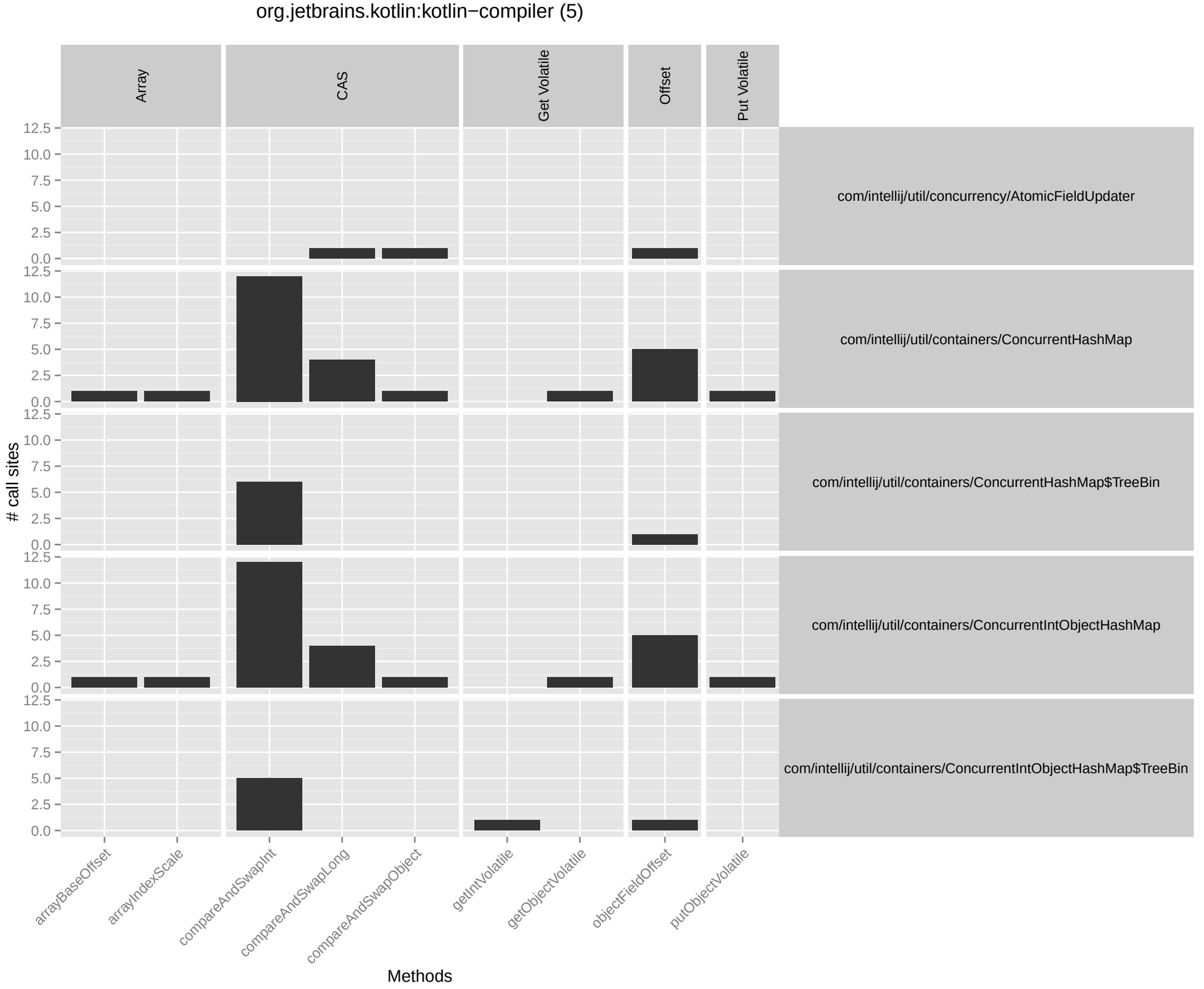

de.ruedigermoeller:fst (5)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/FSTDefaultClassInstantiator
org/nustaq/serialization/util/FSTUtil
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putShortVolatile
Methods

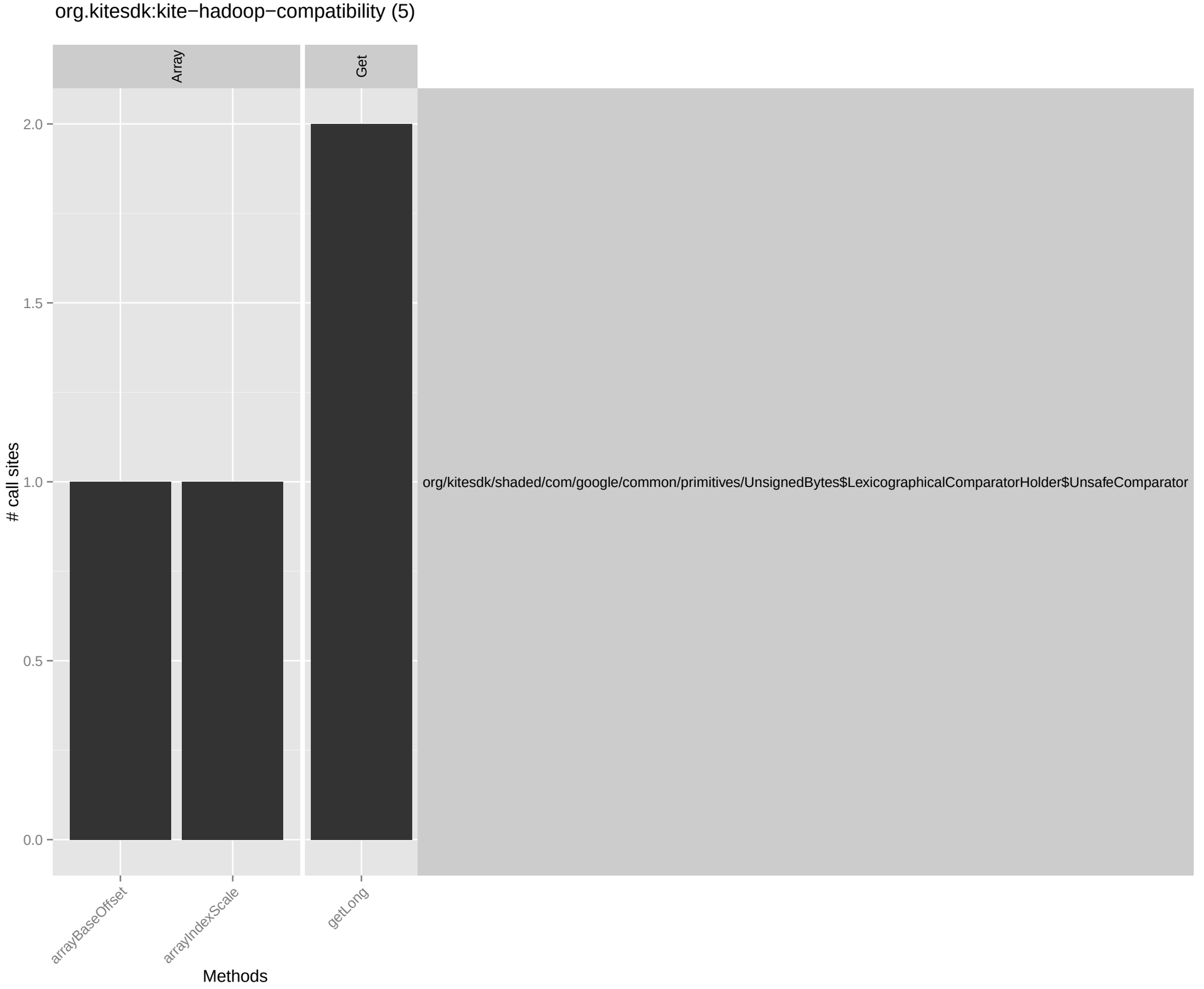

net.openhft:lang (5)
Alloc
Array
CAS
Class
Get
Get Volatile
Off−Heap
Put
Put Lazy
Put Volatile
Throw
net/openhft/lang/Jvm
net/openhft/lang/io/ByteBufferBytes
net/openhft/lang/io/ByteBufferReuse$Inner$1
net/openhft/lang/io/CharBufferReuse$Inner$1
net/openhft/lang/io/DirectStore
net/openhft/lang/io/DirectStore$Deallocator
net/openhft/lang/io/NativeBytes
net/openhft/lang/io/serialization/BytesMarshallableSerializer
net/openhft/lang/io/serialization/impl/AllocateInstanceObjectFactory
net/openhft/lang/io/serialization/impl/BytesMarshallableMarshaller
net/openhft/lang/io/serialization/impl/ExternalizableMarshaller
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
defineClass
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
allocateMemory
copyMemory
freeMemory
pageSize
reallocateMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putLongVolatile
throwException
Methods

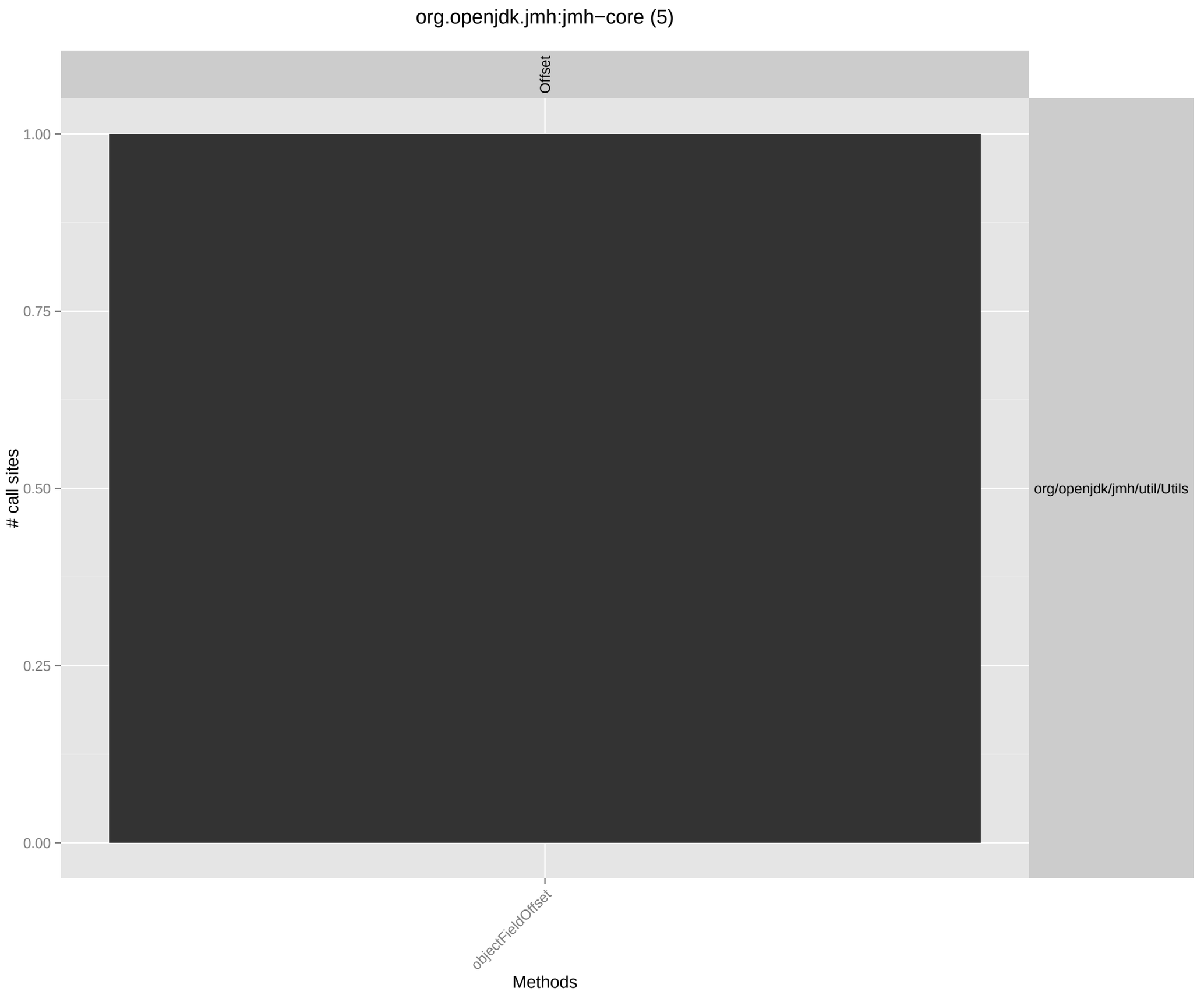

org.apache.geronimo.ext.openejb:openejb−core (5)
Alloc
Class
Offset
Put
org/apache/openejb/util/PojoSerialization
org/apache/openejb/util/proxy/LocalBeanProxyGeneratorImpl
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
defineClass
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

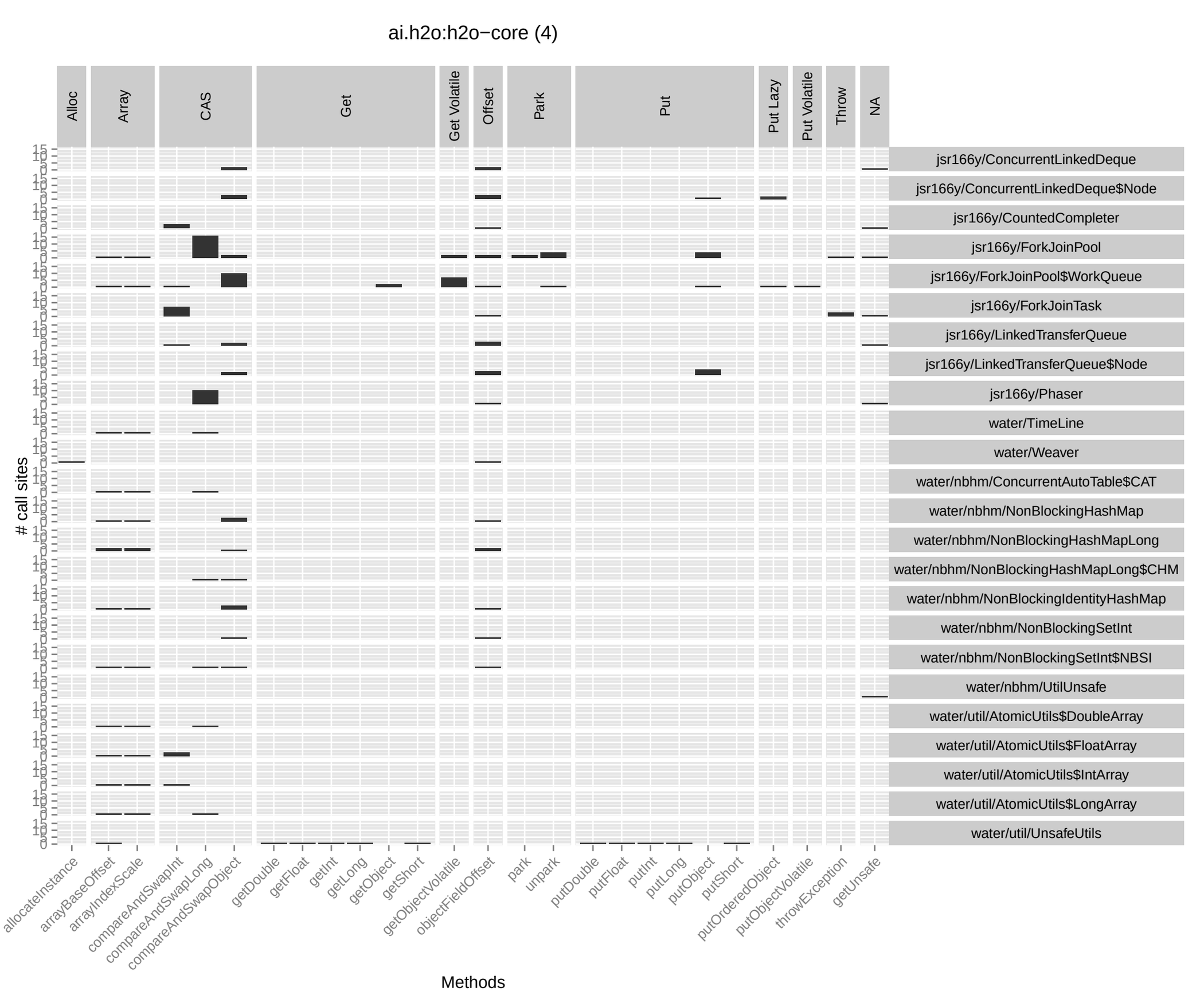

org.glassfish.extras:glassfish−embedded−all (5)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

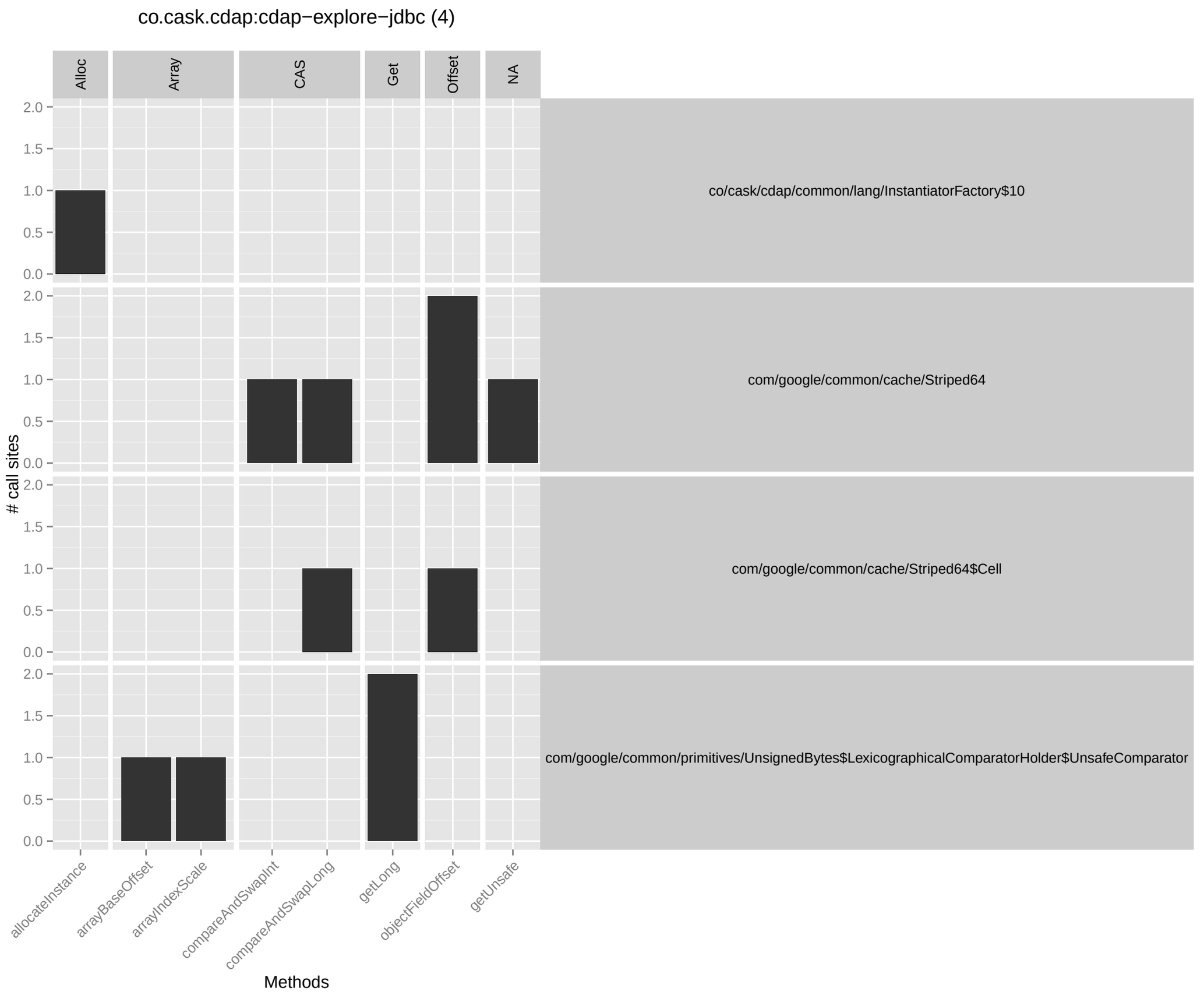

org.hbase:asynchbase (5)
CAS
Offset
NA
org/hbase/async/jsr166e/Striped64
org/hbase/async/jsr166e/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods


org.jetbrains.kotlin:kotlin−compiler (5)
Array
CAS
Get Volatile
Offset
Put Volatile
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
com/intellij/util/containers/ConcurrentIntObjectHashMap
com/intellij/util/containers/ConcurrentIntObjectHashMap$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

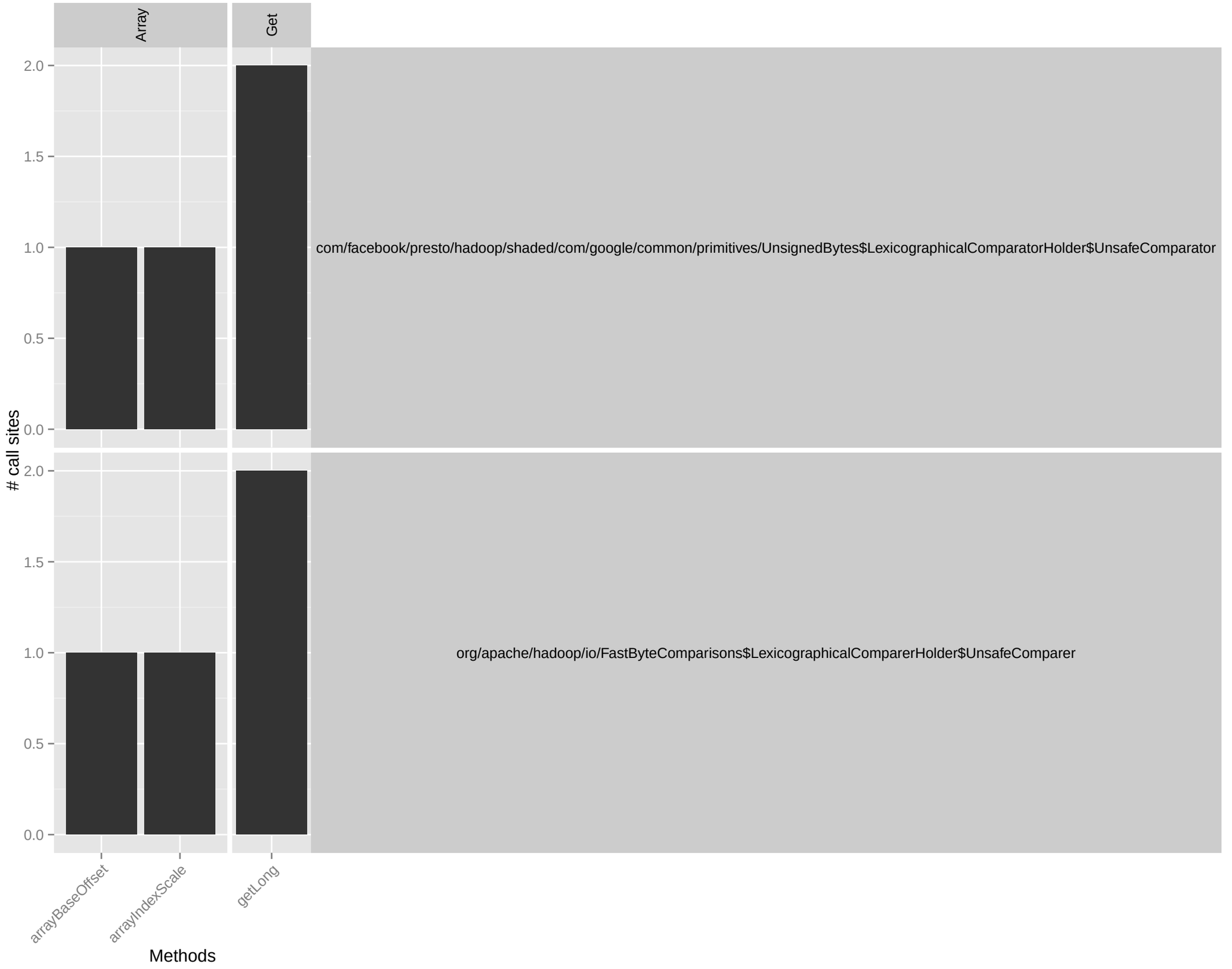

org.kitesdk:kite−hadoop−compatibility (5)
Array
Get
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods


org.openjdk.jmh:jmh−core (5)
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/openjdk/jmh/util/Utils
objectFieldOffset
Methods

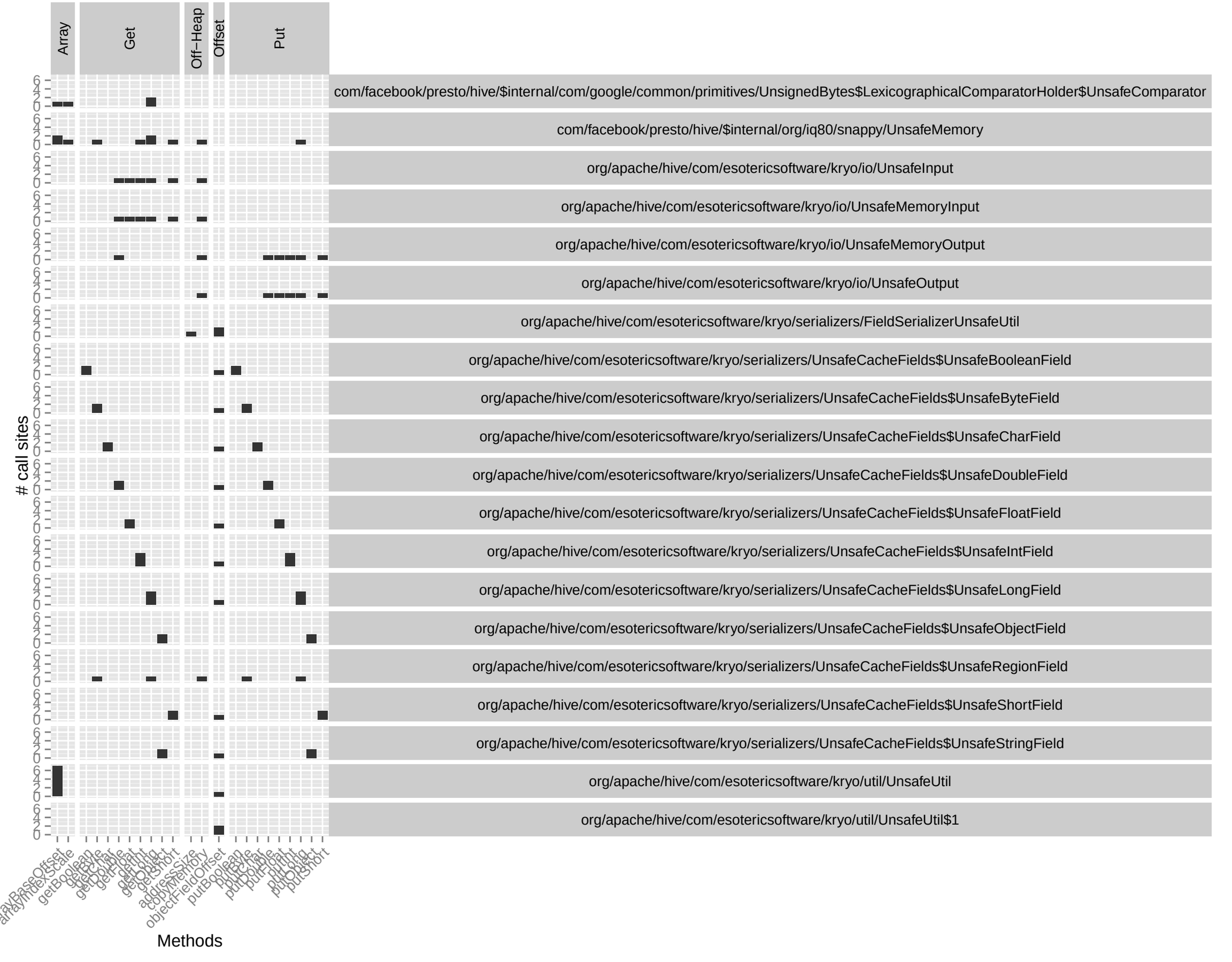

ai.h2o:h2o−core (4)
Alloc
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/CountedCompleter
jsr166y/ForkJoinPool
jsr166y/ForkJoinPool$WorkQueue
jsr166y/ForkJoinTask
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
water/TimeLine
water/Weaver
water/nbhm/ConcurrentAutoTable$CAT
water/nbhm/NonBlockingHashMap
water/nbhm/NonBlockingHashMapLong
water/nbhm/NonBlockingHashMapLong$CHM
water/nbhm/NonBlockingIdentityHashMap
water/nbhm/NonBlockingSetInt
water/nbhm/NonBlockingSetInt$NBSI
water/nbhm/UtilUnsafe
water/util/AtomicUtils$DoubleArray
water/util/AtomicUtils$FloatArray
water/util/AtomicUtils$IntArray
water/util/AtomicUtils$LongArray
water/util/UnsafeUtils
call sites
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
objectFieldOffset
park
unpark
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods


co.cask.cdap:cdap−explore−jdbc (4)
Alloc
Array
CAS
Get
Offset
NA
co/cask/cdap/common/lang/InstantiatorFactory$10
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

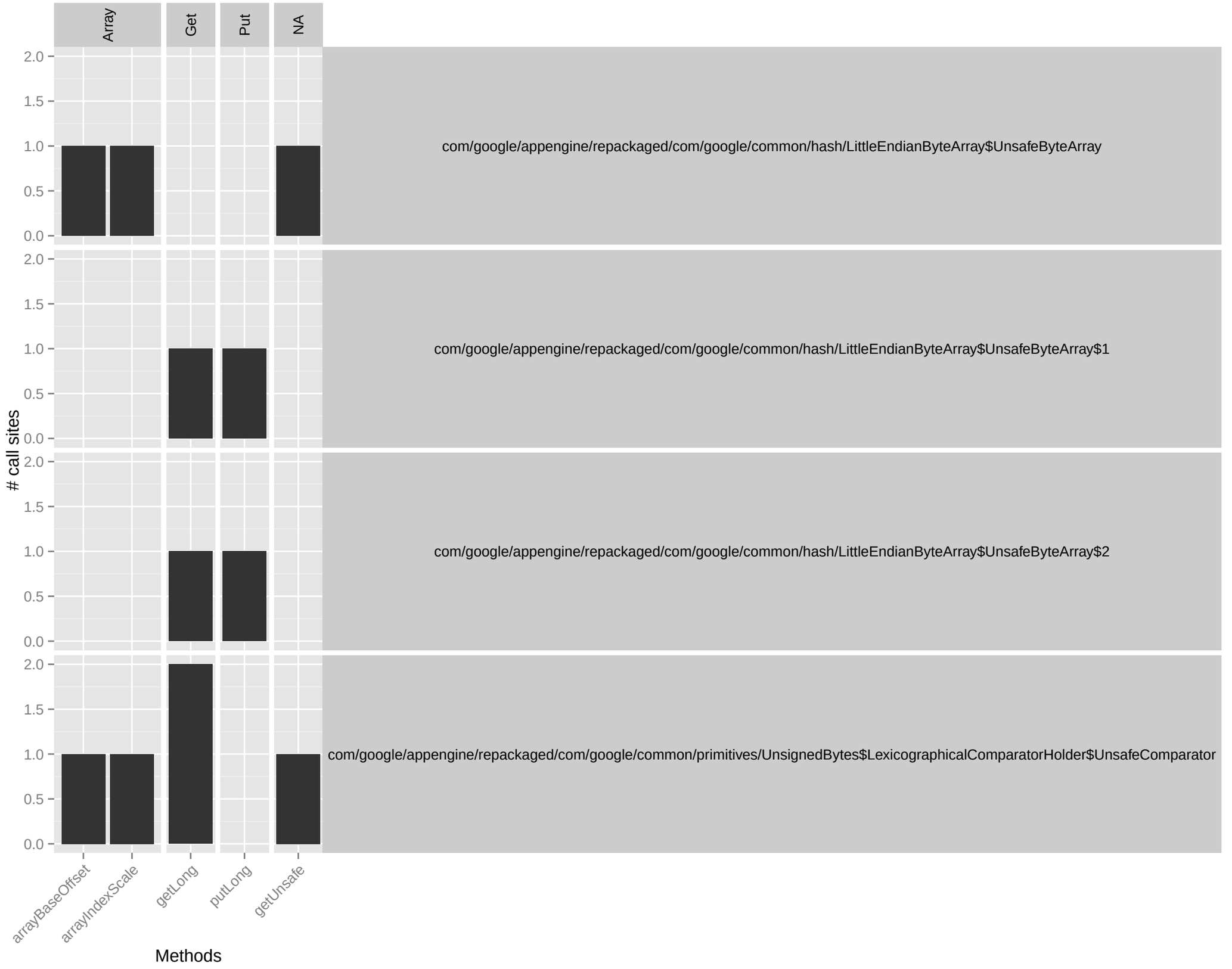
om.facebook.presto.hadoop:hadoop−cdh4 (4)

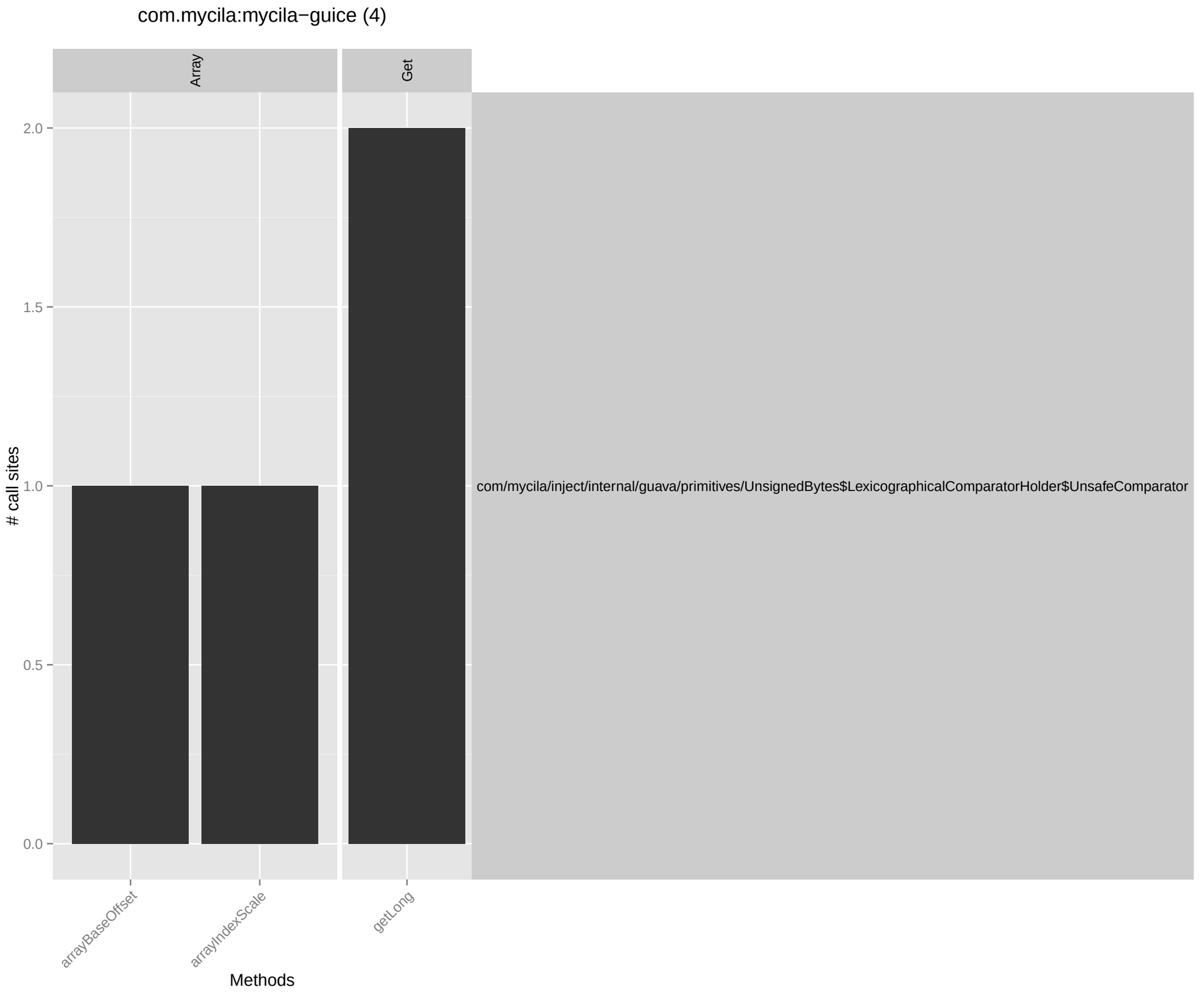


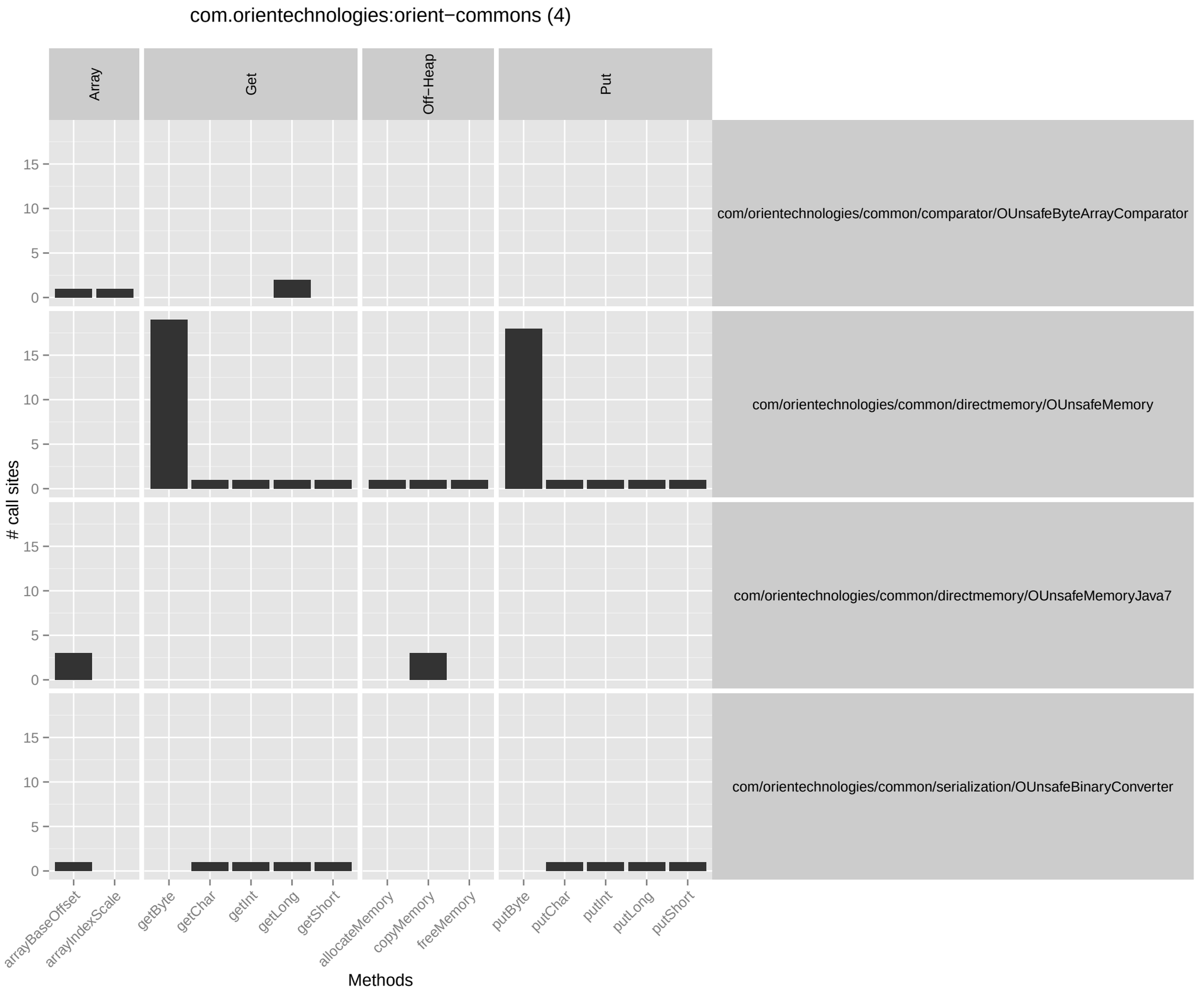
com.facebook.presto.hive:hive−apache (4)

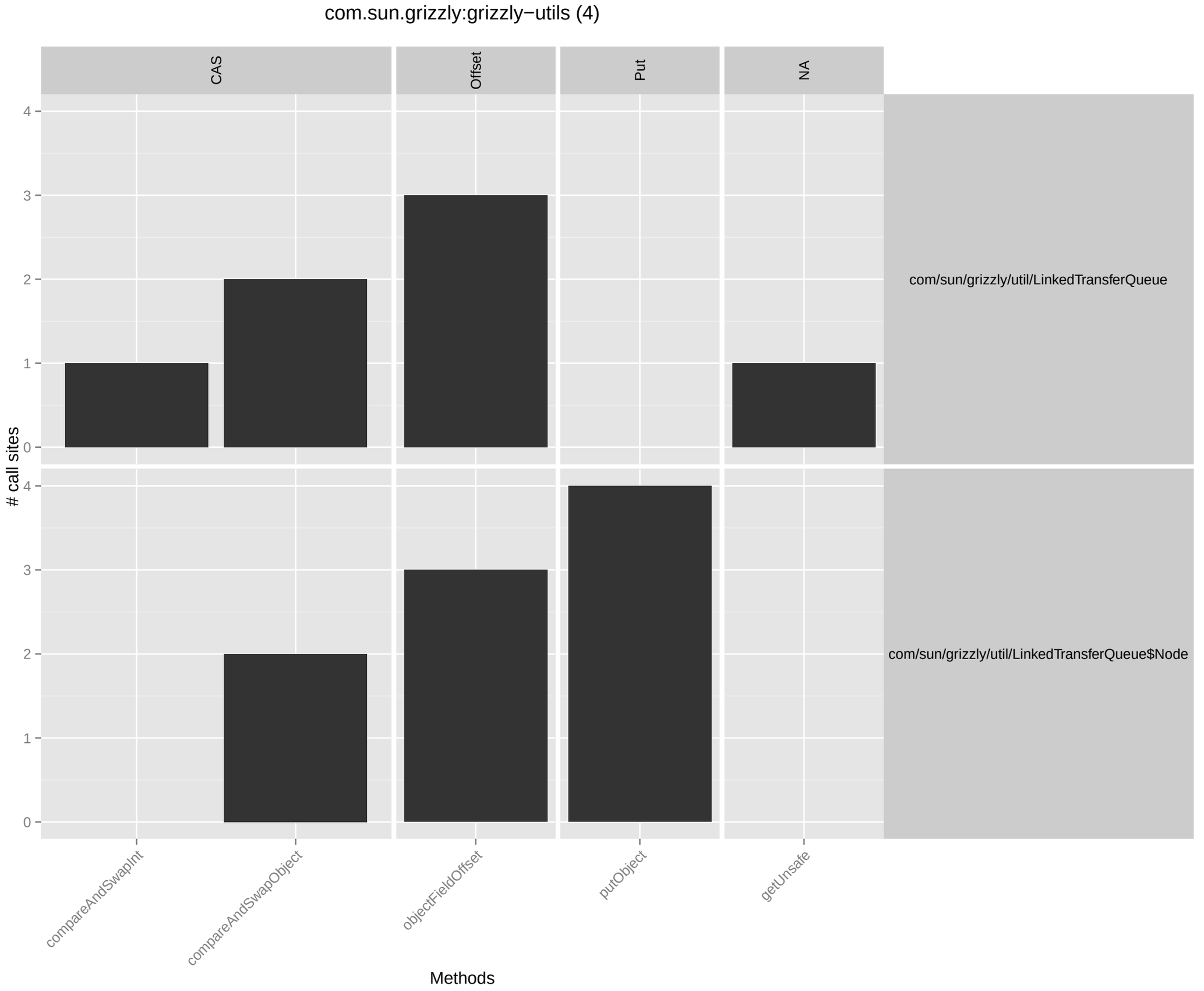


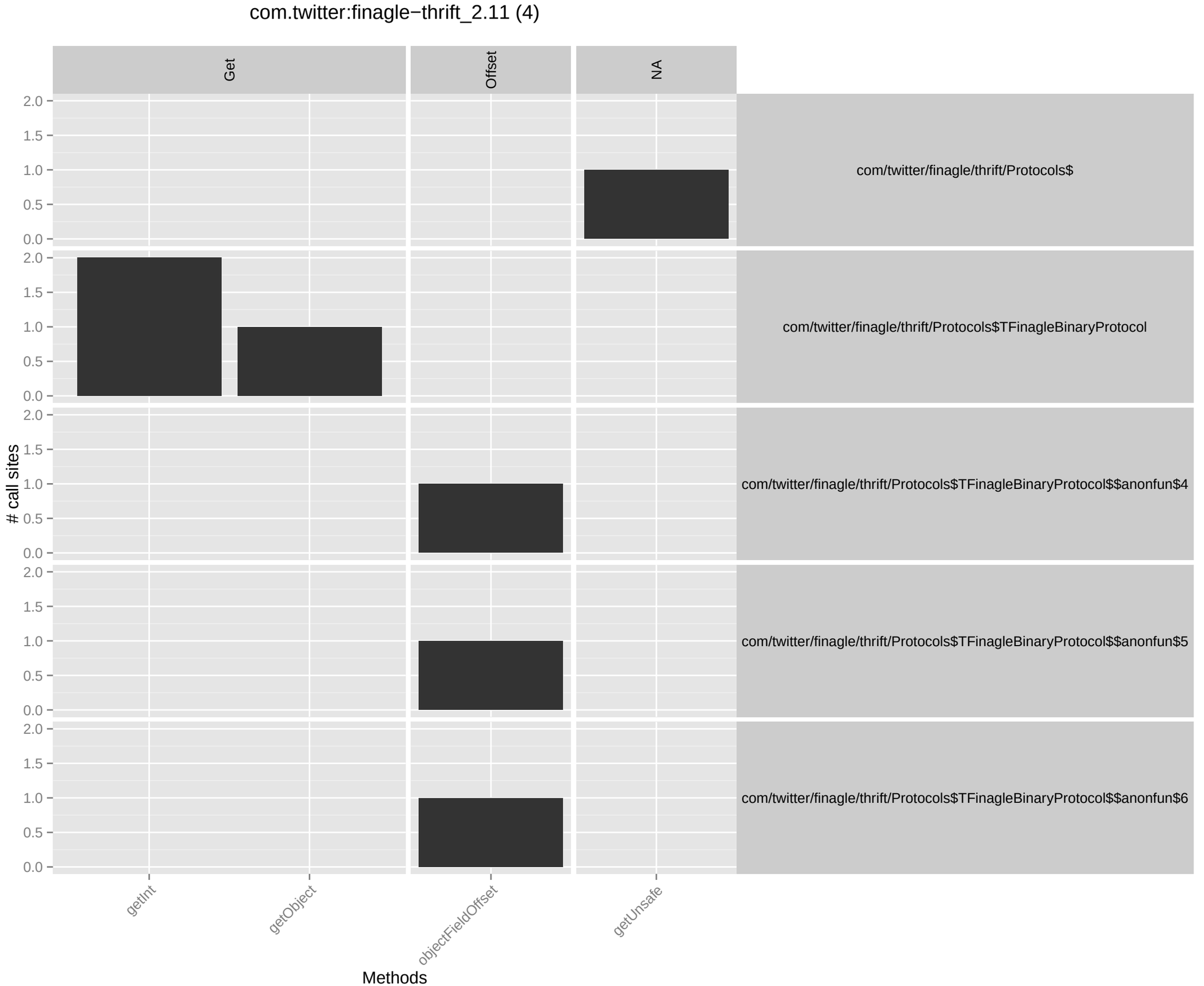
om.google.appengine:appengine−tools−sdk (4)

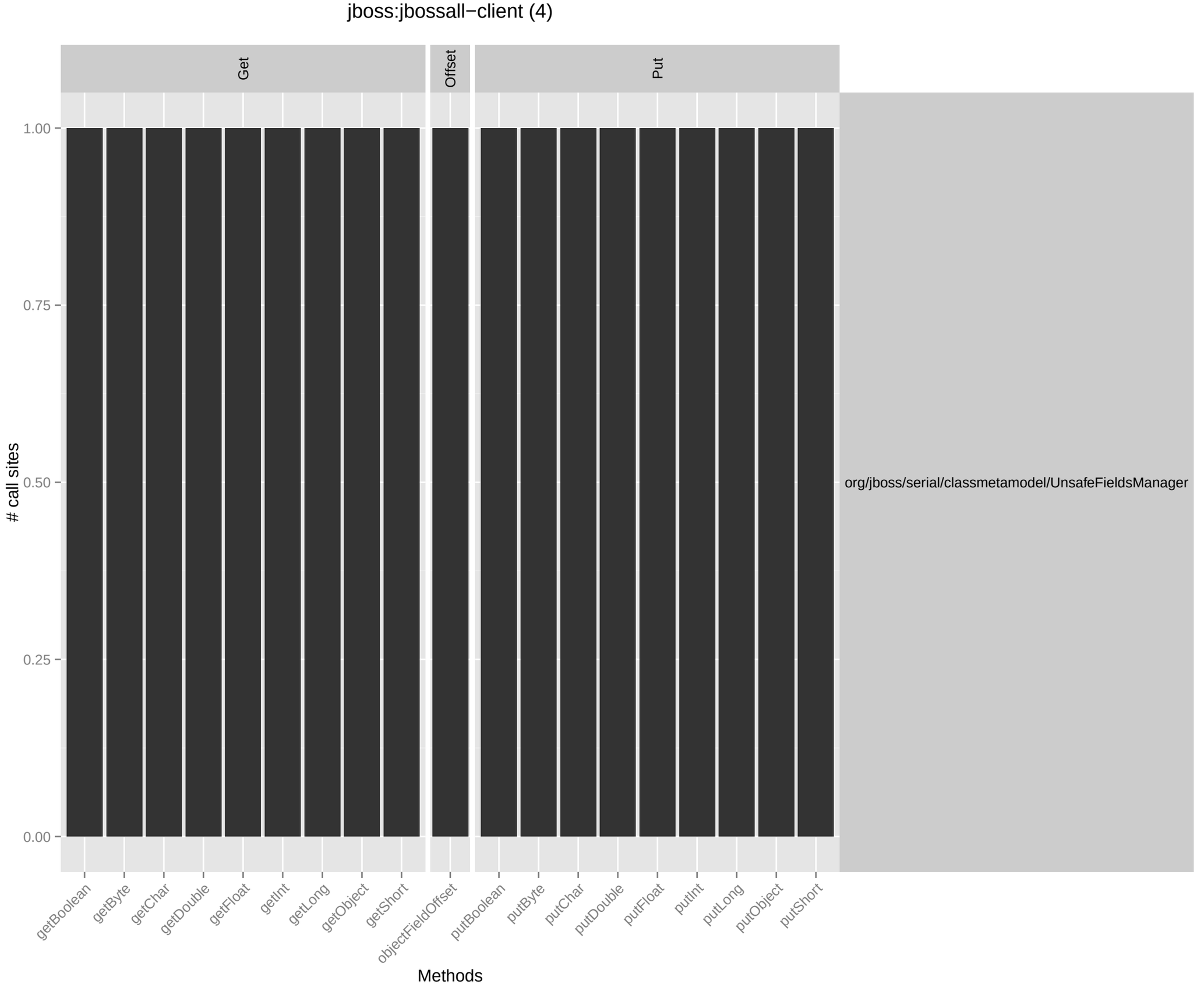


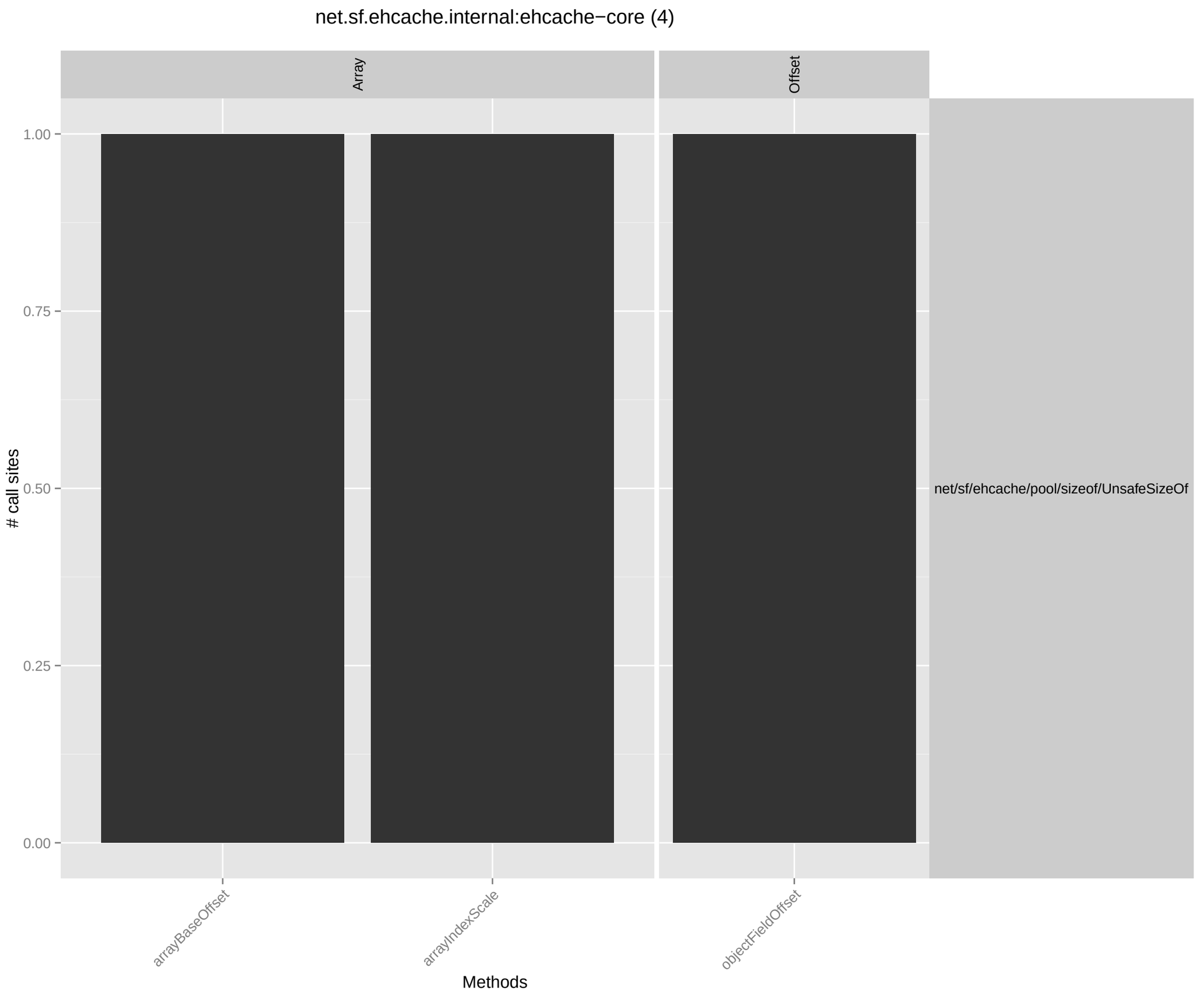

com.mycila:mycila−guice (4)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/mycila/inject/internal/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

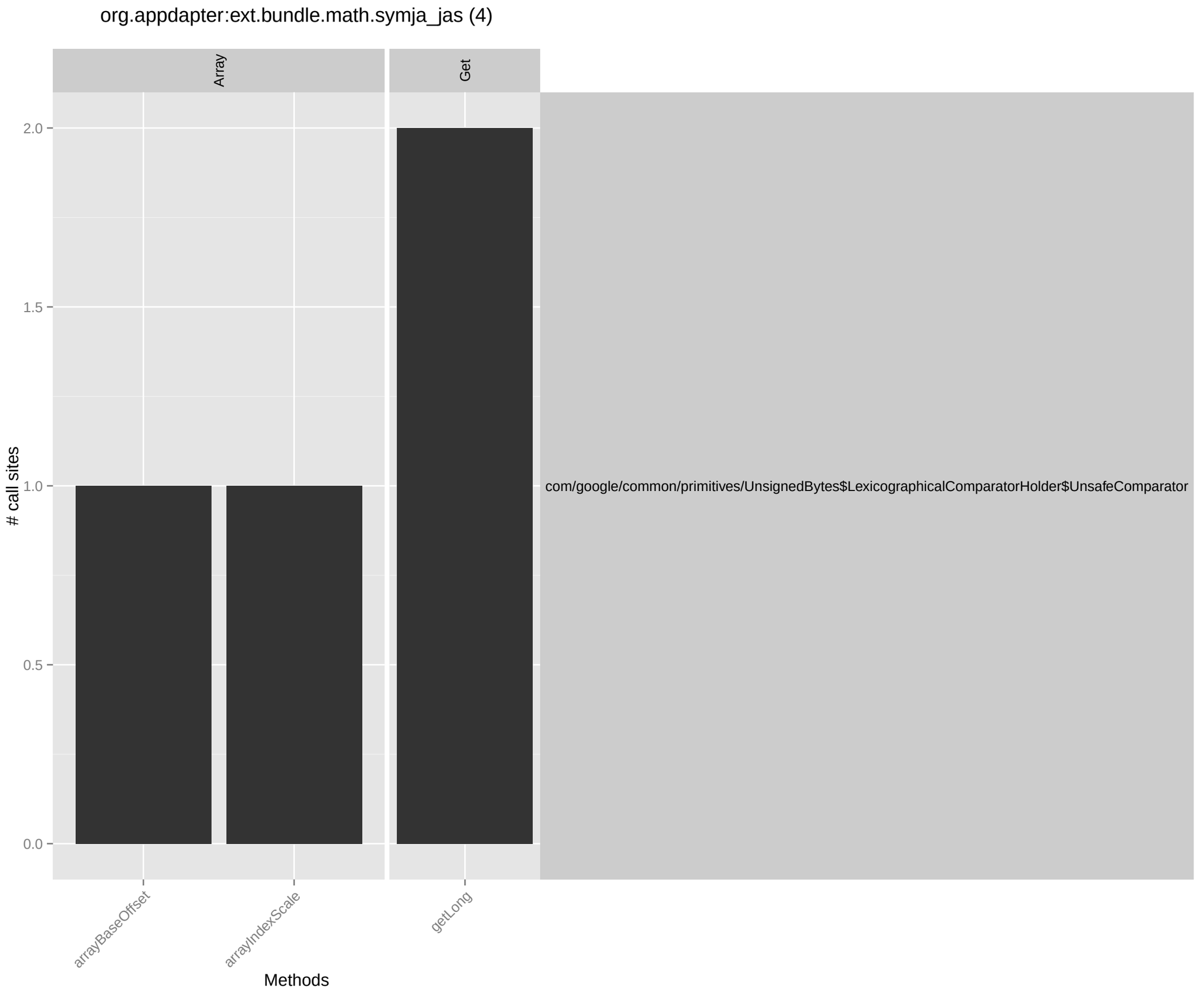

com.orientechnologies:orient−commons (4)
Array
Get
Off−Heap
Put
com/orientechnologies/common/comparator/OUnsafeByteArrayComparator
com/orientechnologies/common/directmemory/OUnsafeMemory
com/orientechnologies/common/directmemory/OUnsafeMemoryJava7
com/orientechnologies/common/serialization/OUnsafeBinaryConverter
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
getByte
getChar
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putByte
putChar
putInt
putLong
putShort
Methods

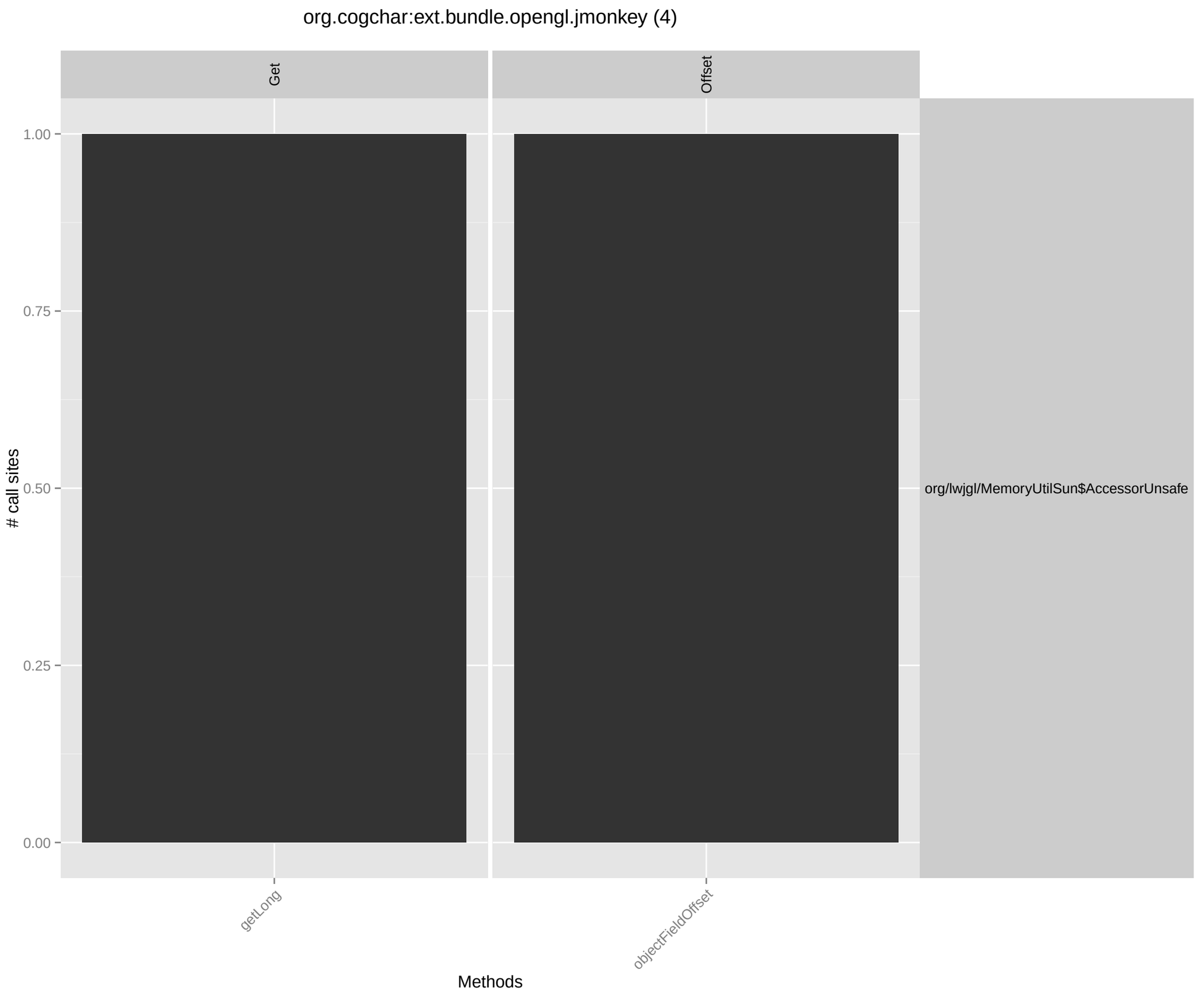

com.sun.grizzly:grizzly−utils (4)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

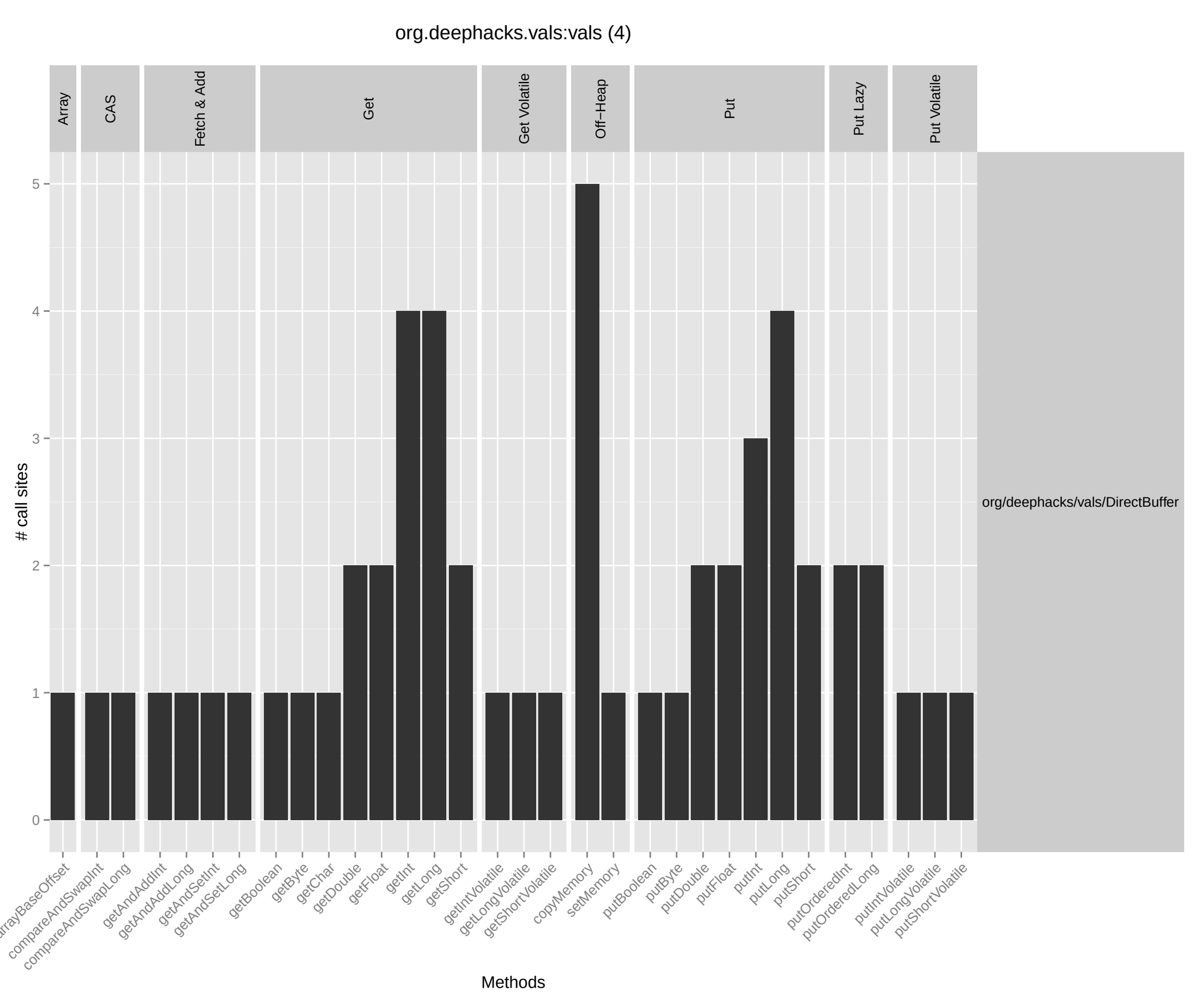

com.twitter:finagle−thrift_2.11 (4)
Get
Offset
NA
com/twitter/finagle/thrift/Protocols$
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$4
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$5
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$6
call sites
0.0
0.5
1.0
1.5
2.0
getInt
getObject
objectFieldOffset
getUnsafe
Methods

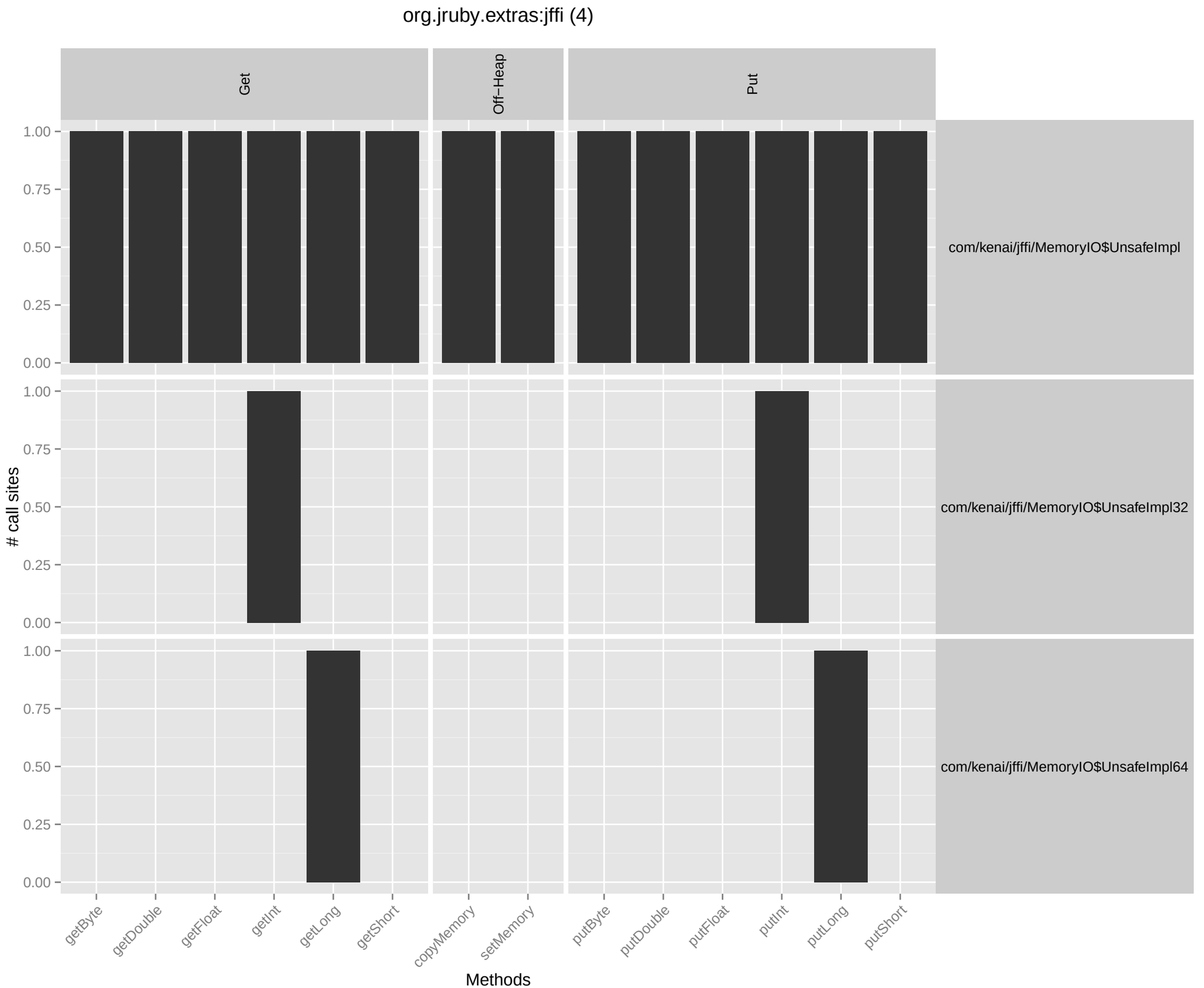

jboss:jbossall−client (4)
Get
Offset
Put
org/jboss/serial/classmetamodel/UnsafeFieldsManager
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

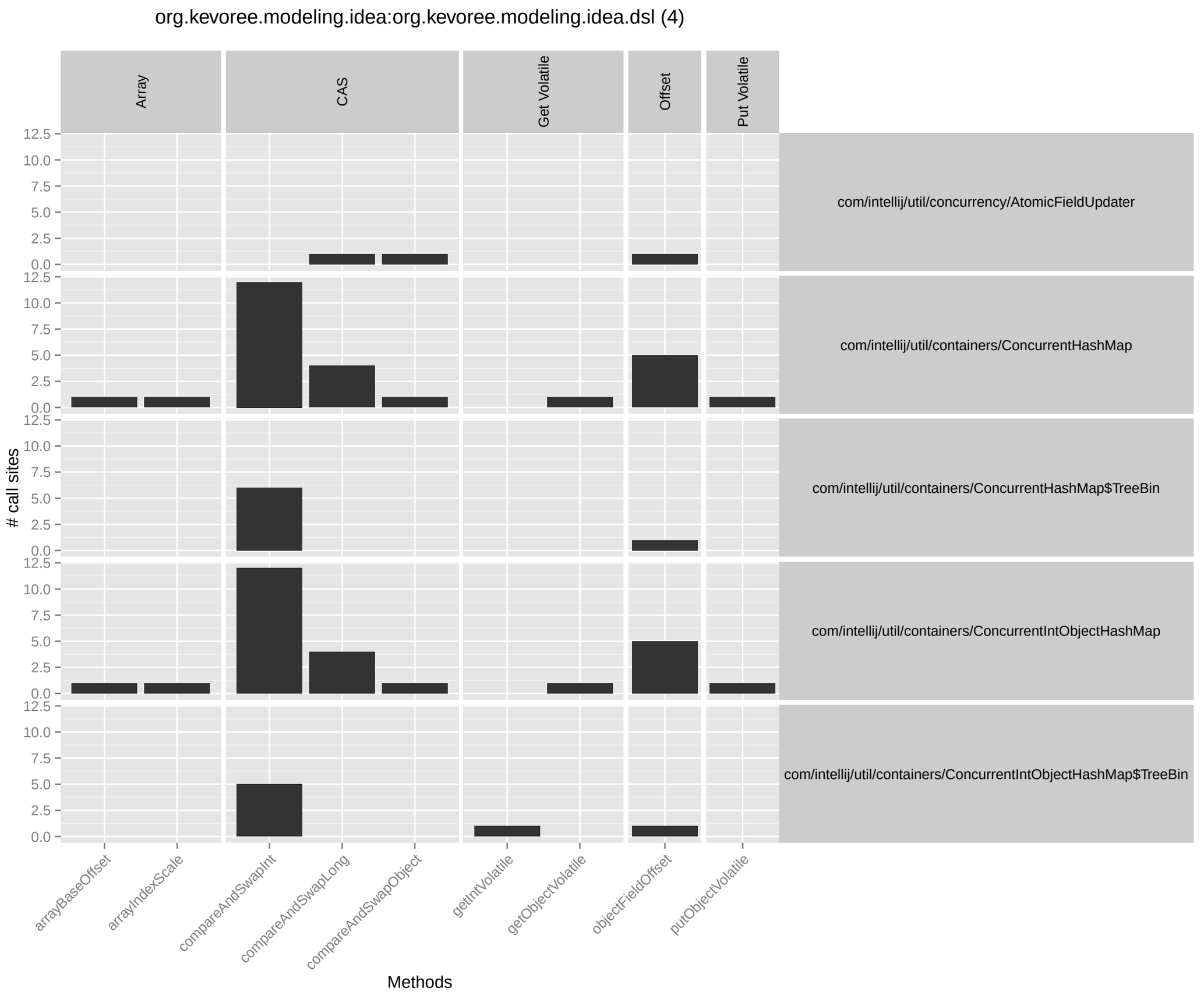

net.sf.ehcache.internal:ehcache−core (4)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

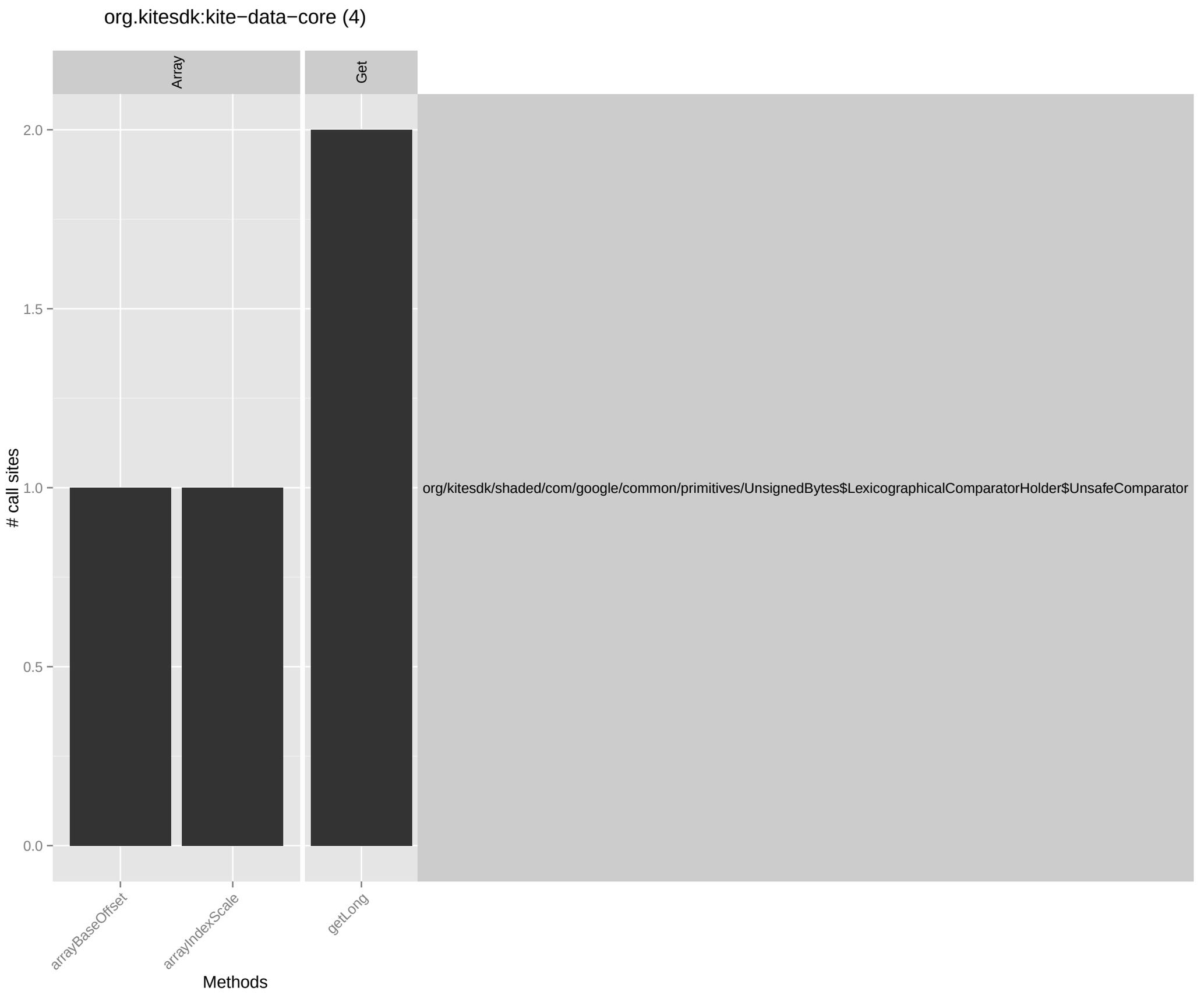

org.appdapter:ext.bundle.math.symja_jas (4)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

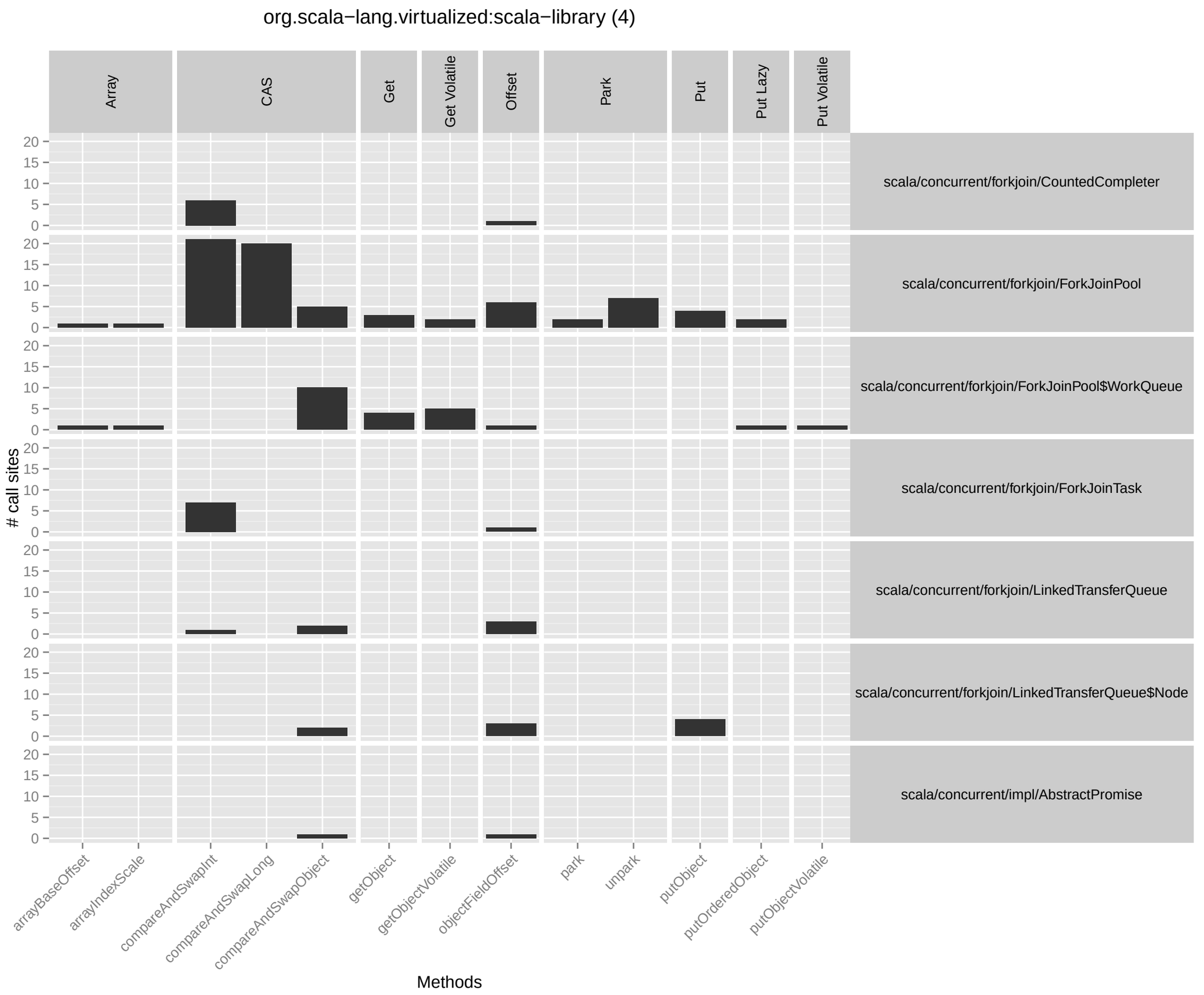

org.cogchar:ext.bundle.opengl.jmonkey (4)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
1.00
0.75
0.50
0.25
0.00
call sites
getLong
objectFieldOffset
Methods

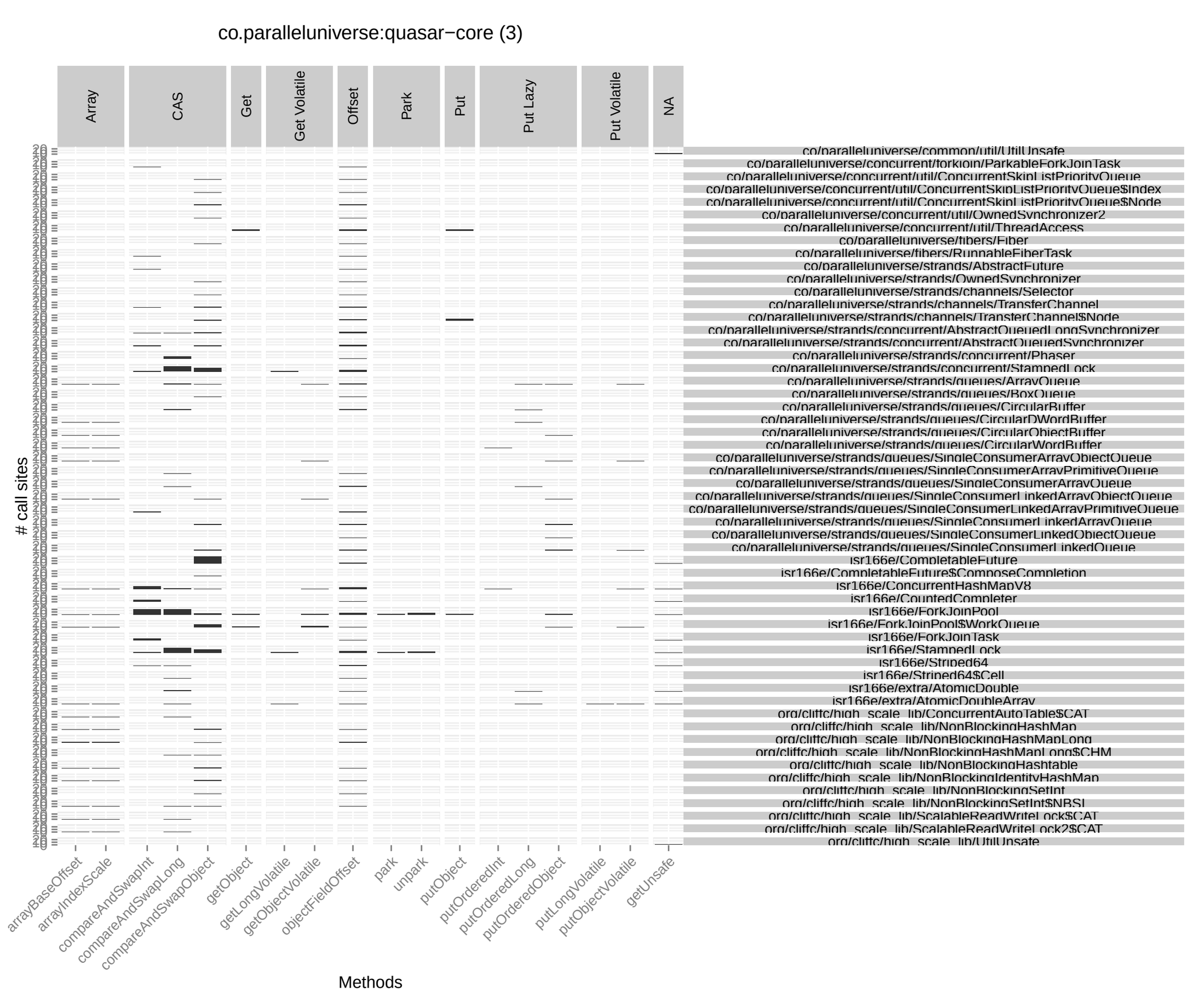

org.deephacks.vals:vals (4)
Array
CAS
Fetch & Add
Get
Get Volatile
Off−Heap
Put
Put Lazy
Put Volatile
org/deephacks/vals/DirectBuffer
call sites
0
1
2
3
4
5
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
getShortVolatile
copyMemory
setMemory
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putIntVolatile
putLongVolatile
putShortVolatile
Methods

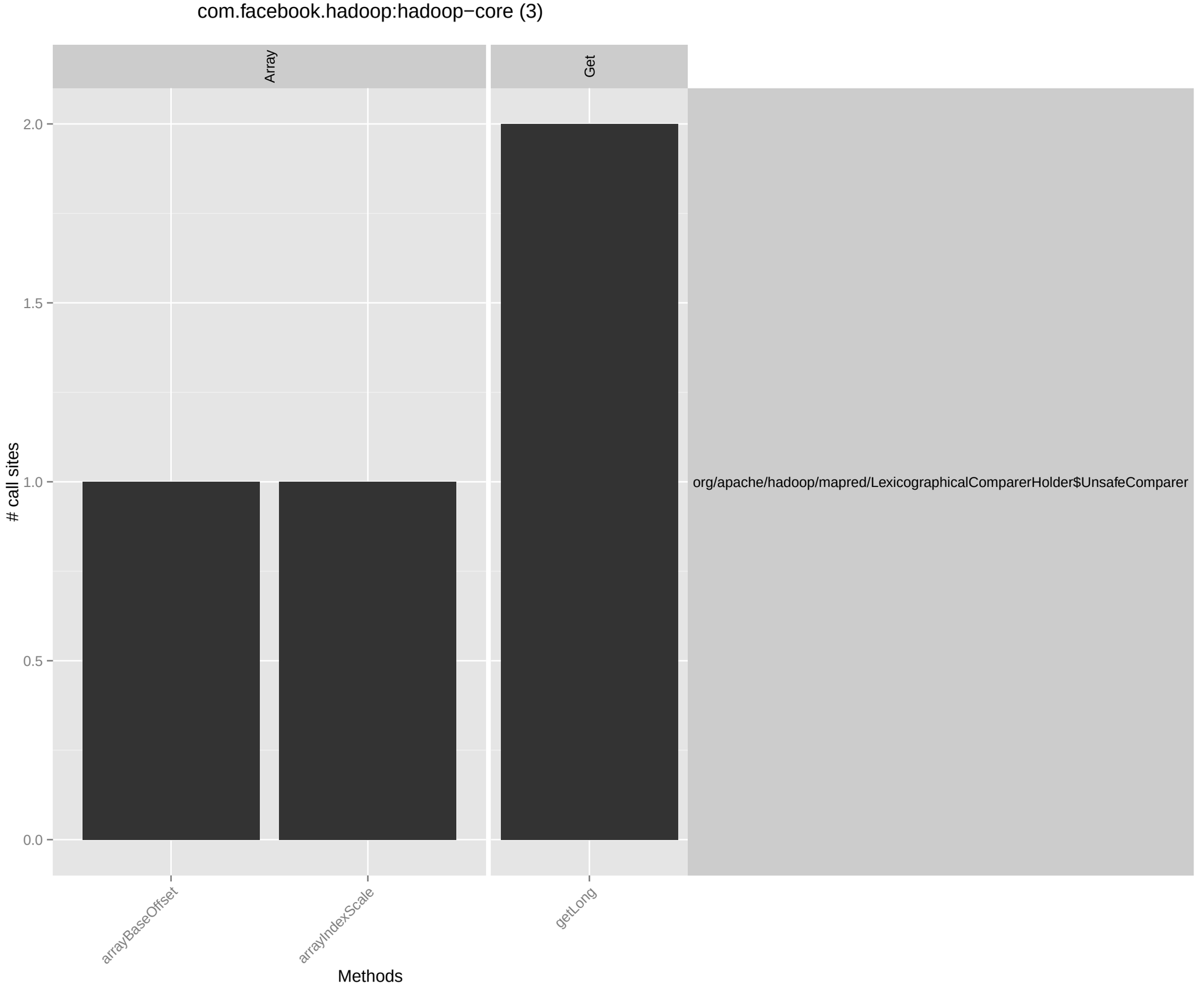

org.jruby.extras:jffi (4)
Get
Off−Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

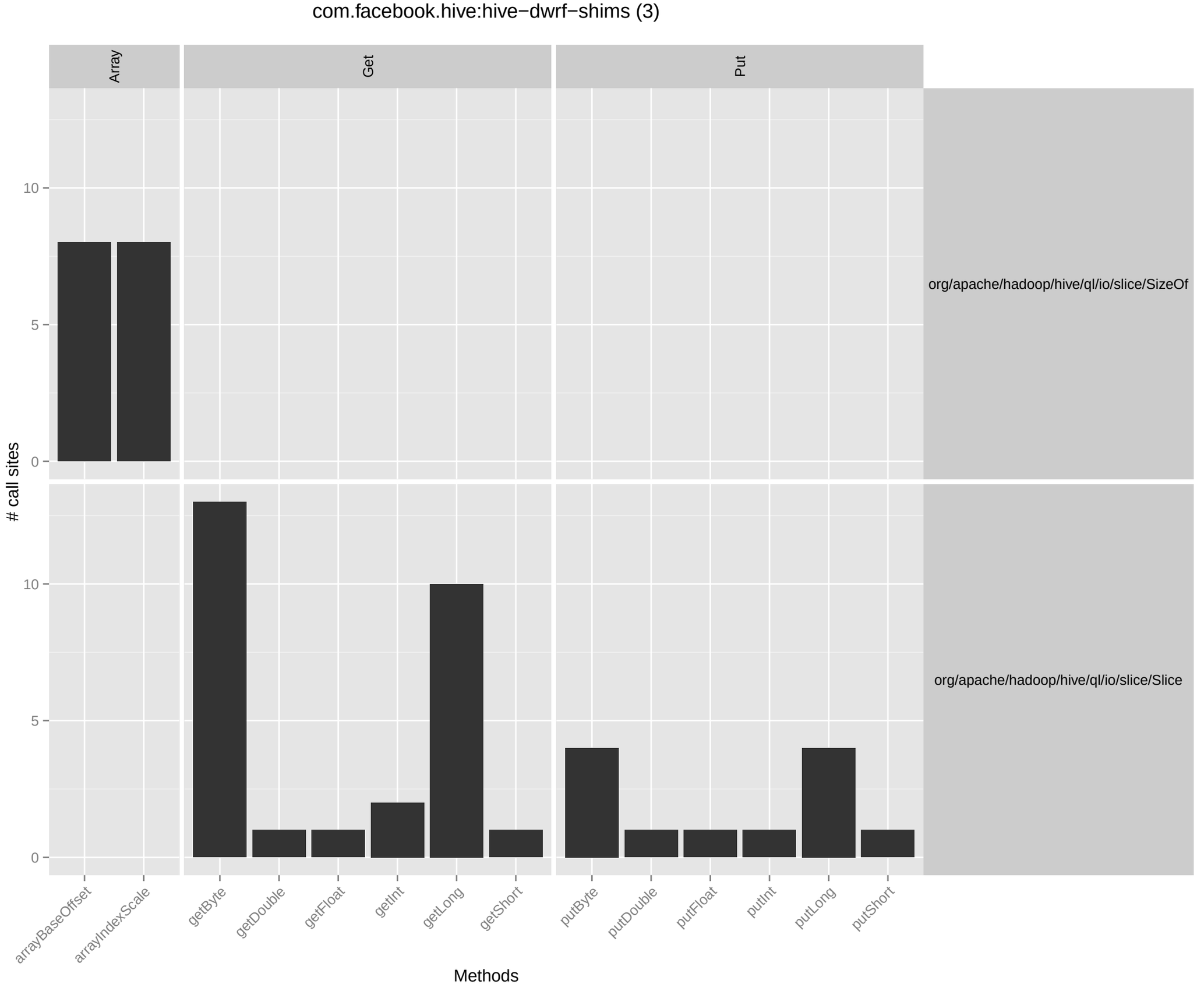

org.kevoree.modeling.idea:org.kevoree.modeling.idea.dsl (4)
Array
CAS
Get Volatile
Offset
Put Volatile
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
com/intellij/util/containers/ConcurrentIntObjectHashMap
com/intellij/util/containers/ConcurrentIntObjectHashMap$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

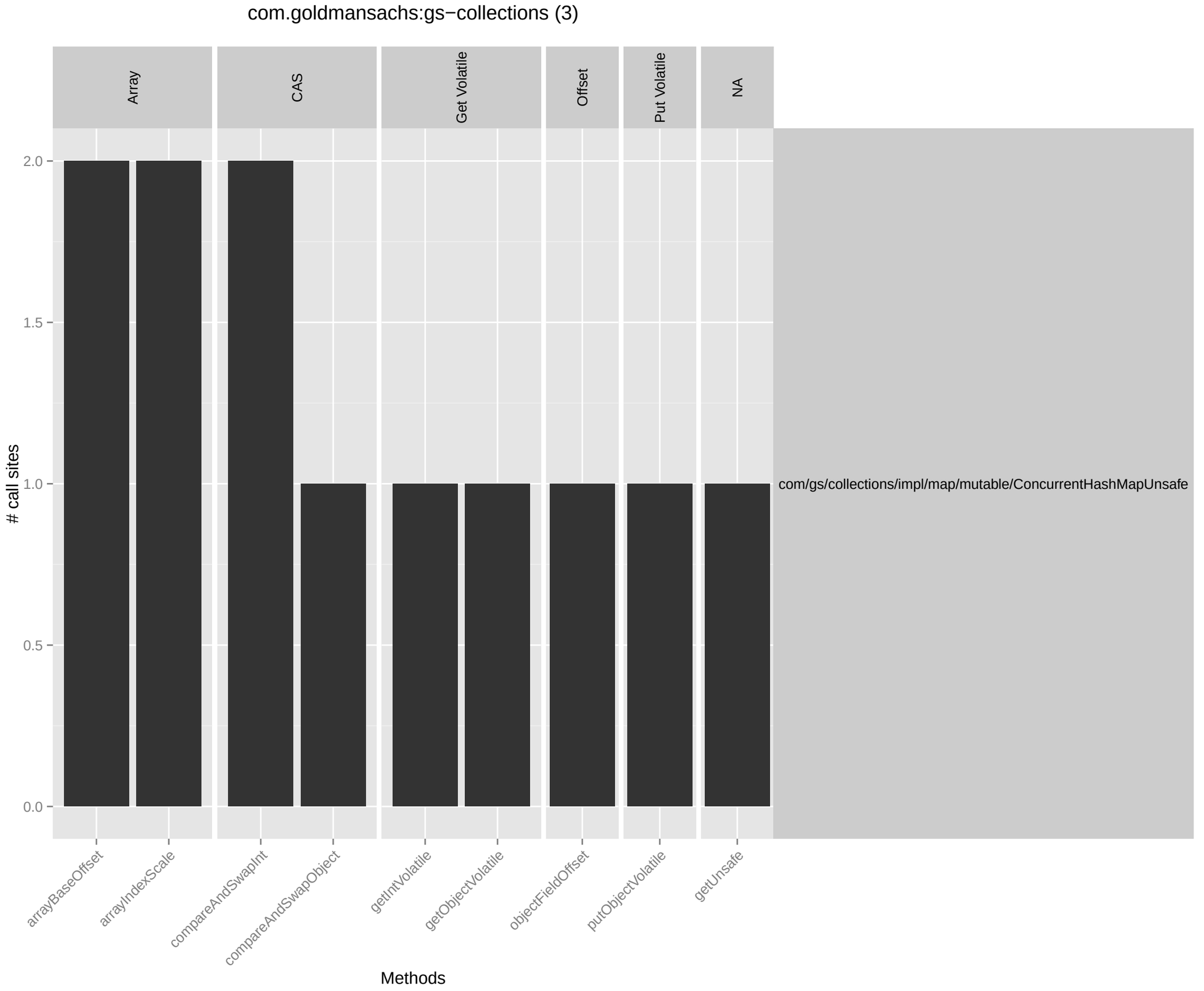

org.kitesdk:kite−data−core (4)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

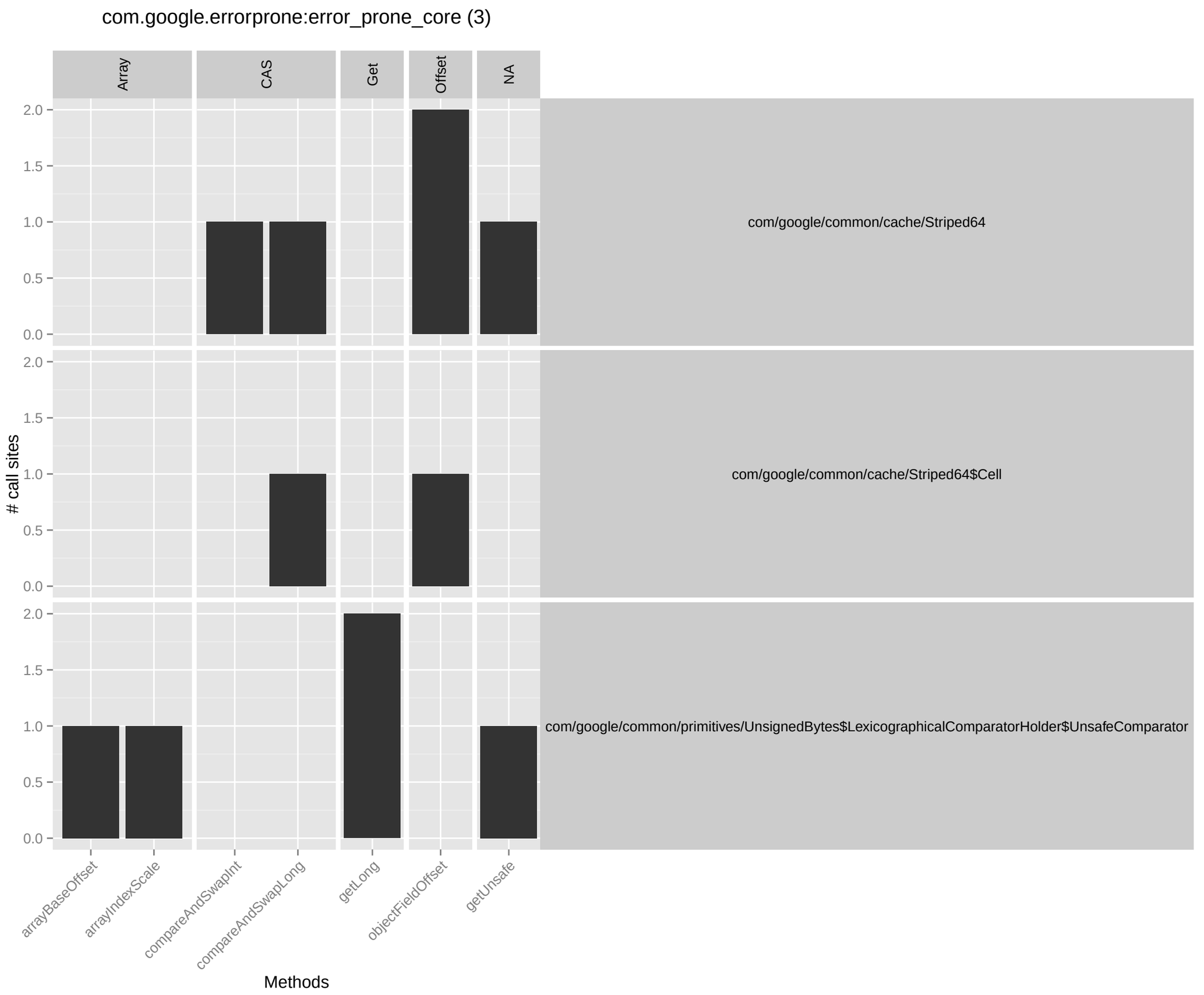

org.scala−lang.virtualized:scala−library (4)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

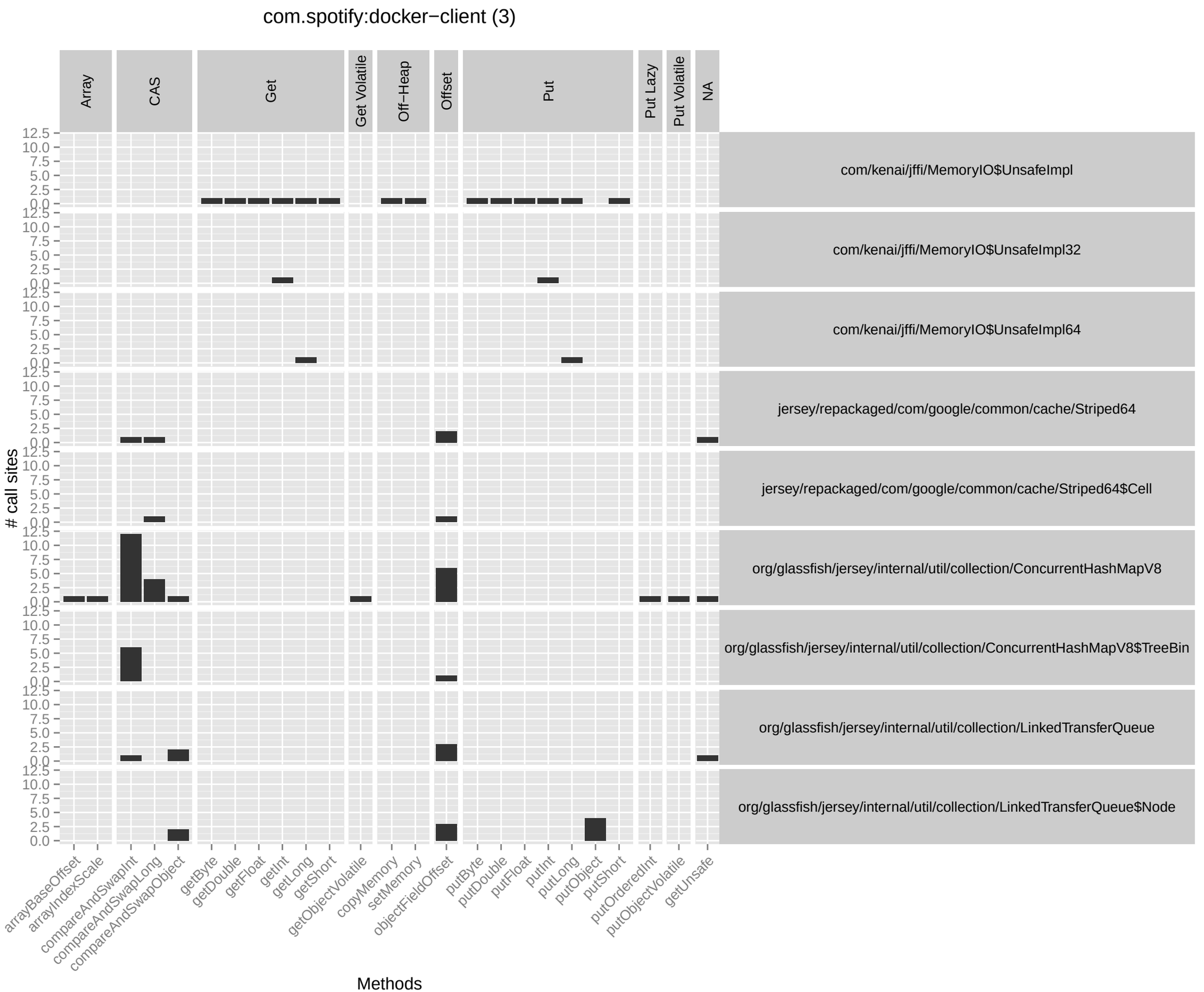

co.paralleluniverse:quasar−core (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
call sites
co/paralleluniverse/common/util/UtilUnsafe
co/paralleluniverse/concurrent/forkjoin/ParkableForkJoinTask
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue$Index
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue$Node
co/paralleluniverse/concurrent/util/OwnedSynchronizer2
co/paralleluniverse/concurrent/util/ThreadAccess
co/paralleluniverse/fibers/Fiber
co/paralleluniverse/fibers/RunnableFiberTask
co/paralleluniverse/strands/AbstractFuture
co/paralleluniverse/strands/OwnedSynchronizer
co/paralleluniverse/strands/channels/Selector
co/paralleluniverse/strands/channels/TransferChannel
co/paralleluniverse/strands/channels/TransferChannel$Node
co/paralleluniverse/strands/concurrent/AbstractQueuedLongSynchronizer
co/paralleluniverse/strands/concurrent/AbstractQueuedSynchronizer
co/paralleluniverse/strands/concurrent/Phaser
co/paralleluniverse/strands/concurrent/StampedLock
co/paralleluniverse/strands/queues/ArrayQueue
co/paralleluniverse/strands/queues/BoxQueue
co/paralleluniverse/strands/queues/CircularBuffer
co/paralleluniverse/strands/queues/CircularDWordBuffer
co/paralleluniverse/strands/queues/CircularObjectBuffer
co/paralleluniverse/strands/queues/CircularWordBuffer
co/paralleluniverse/strands/queues/SingleConsumerArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedQueue
jsr166e/CompletableFuture
jsr166e/CompletableFuture$ComposeCompletion
jsr166e/ConcurrentHashMapV8
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/StampedLock
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
jsr166e/extra/AtomicDoubleArray
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/ScalableReadWriteLock$CAT
org/cliffc/high_scale_lib/ScalableReadWriteLock2$CAT
org/cliffc/high_scale_lib/UtilUnsafe
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

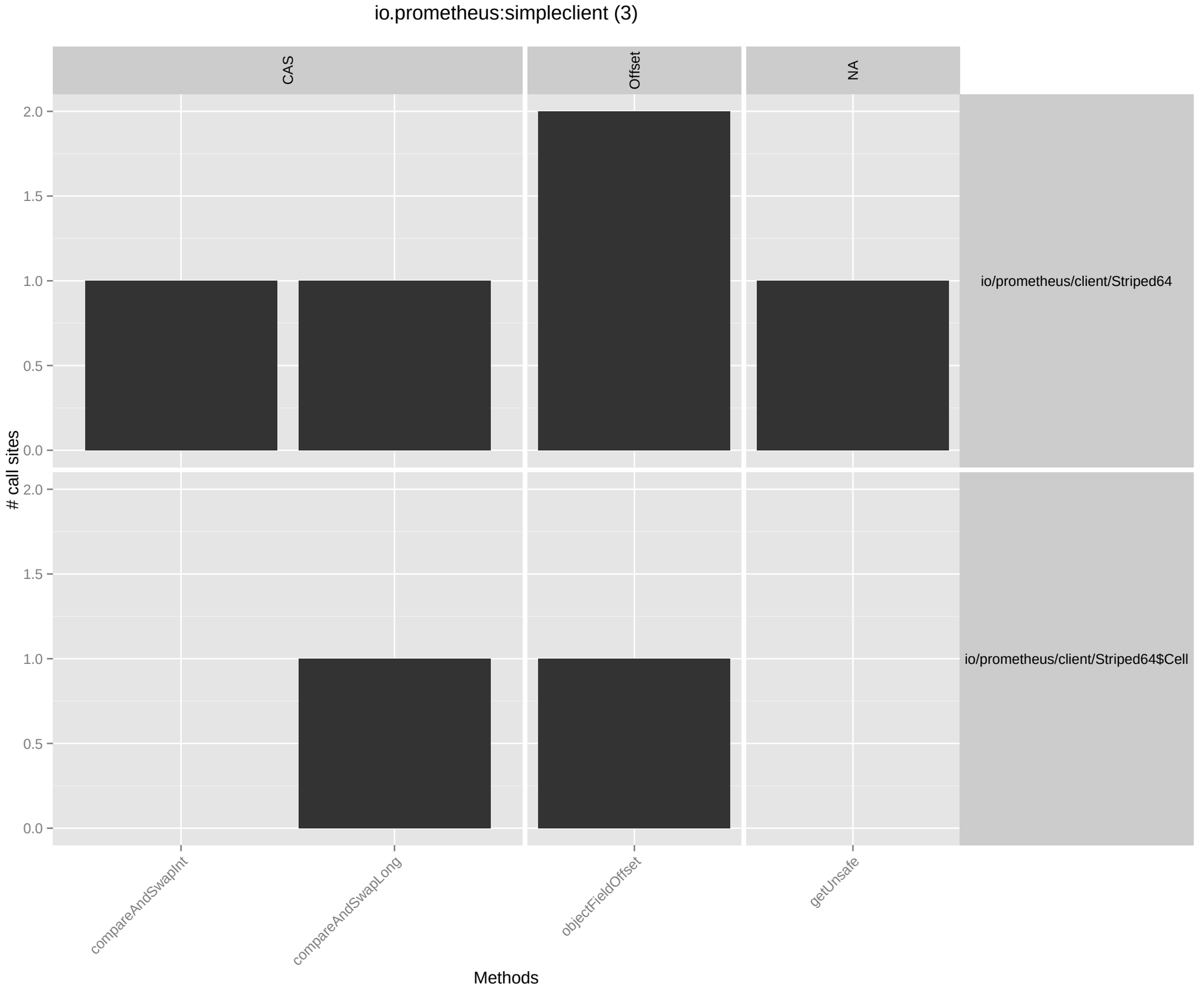

com.facebook.hadoop:hadoop−core (3)
Array
Get
org/apache/hadoop/mapred/LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

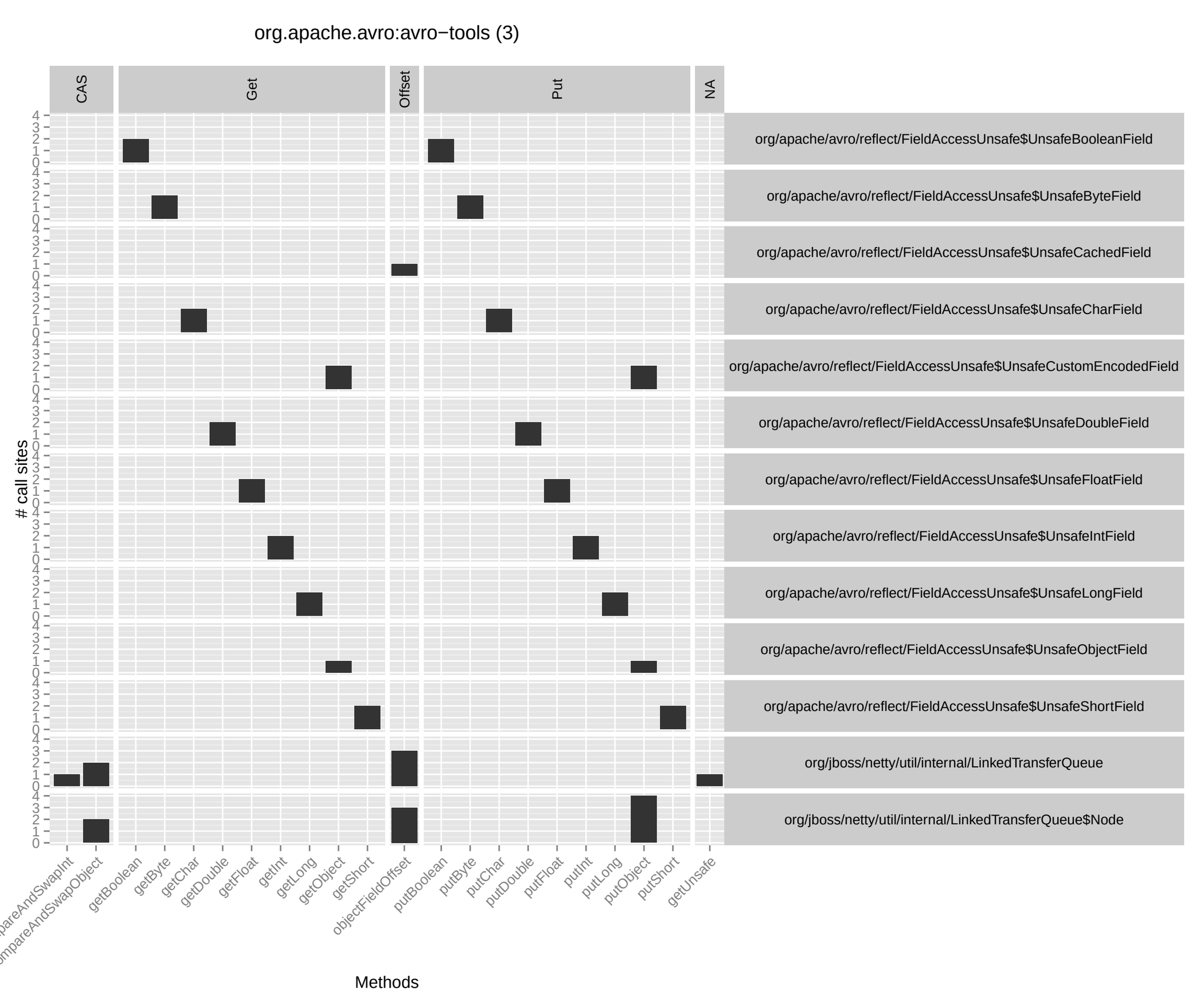

com.facebook.hive:hive−dwrf−shims (3)
Array
Get
Put
org/apache/hadoop/hive/ql/io/slice/SizeOf
org/apache/hadoop/hive/ql/io/slice/Slice
call sites
0
5
10
arrayBaseOffset
arrayIndexScale
getByte
getDouble
getFloat
getInt
getLong
getShort
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

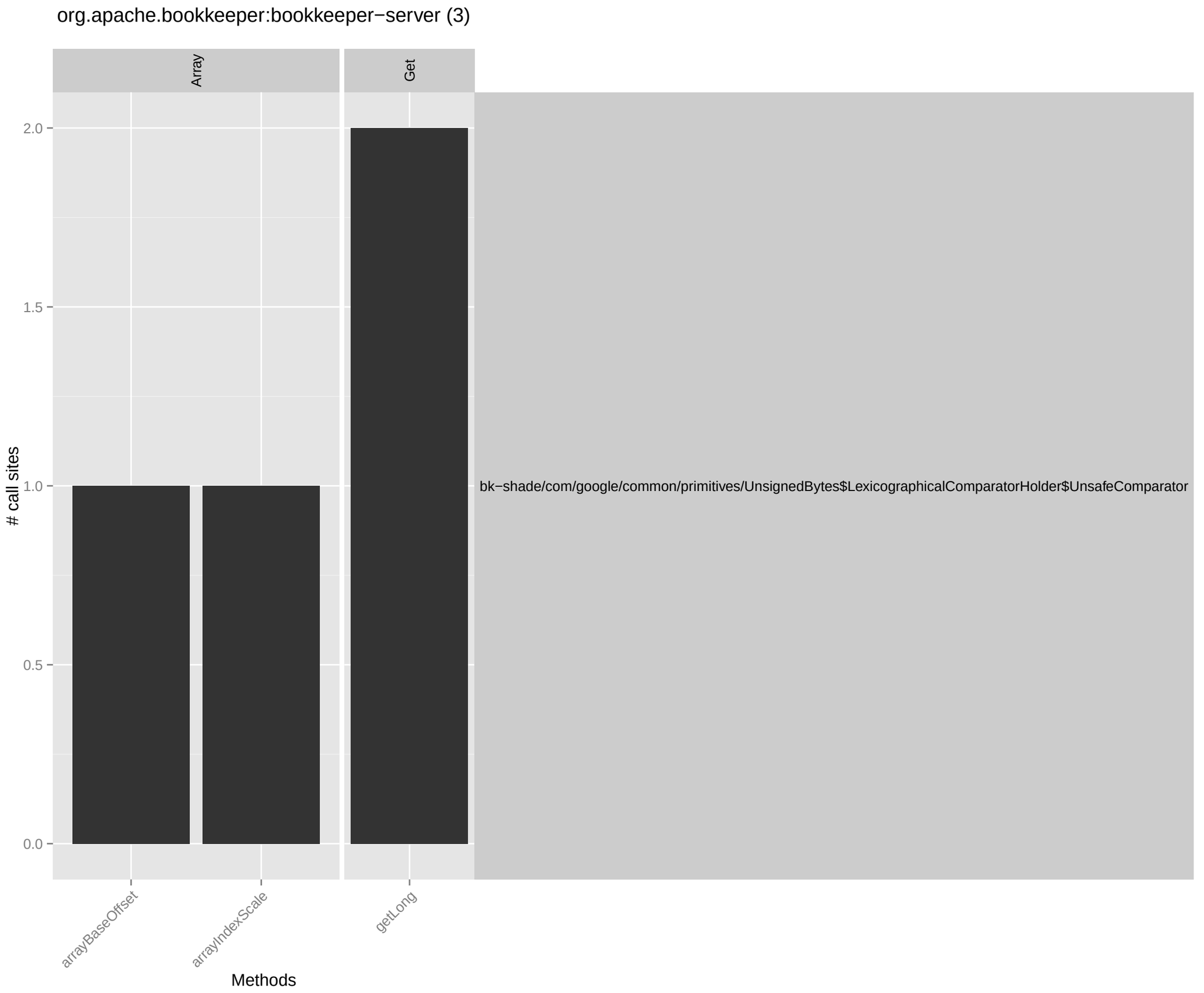

com.goldmansachs:gs−collections (3)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
com/gs/collections/impl/map/mutable/ConcurrentHashMapUnsafe
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
getUnsafe
Methods


com.google.errorprone:error_prone_core (3)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

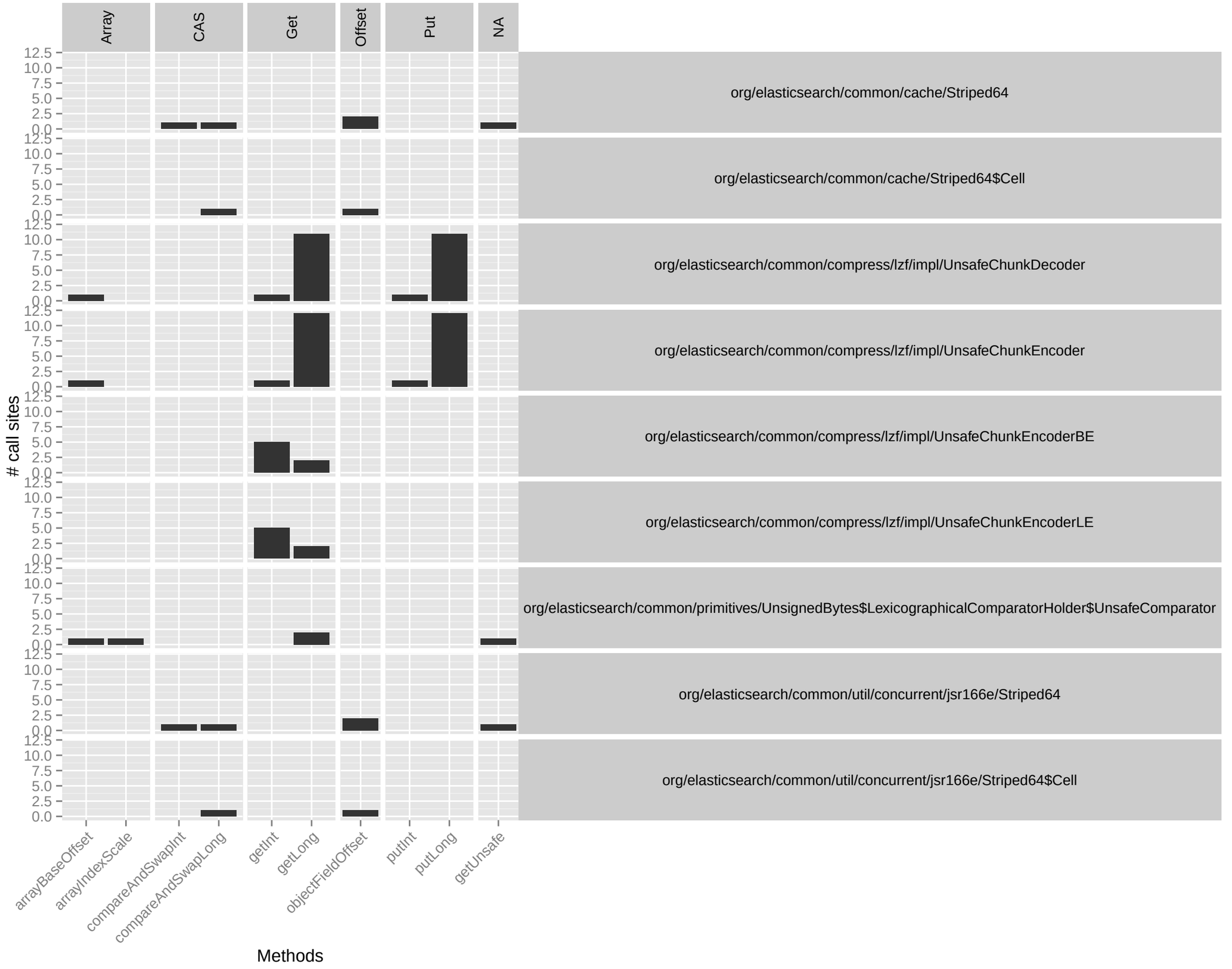

com.spotify:docker−client (3)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

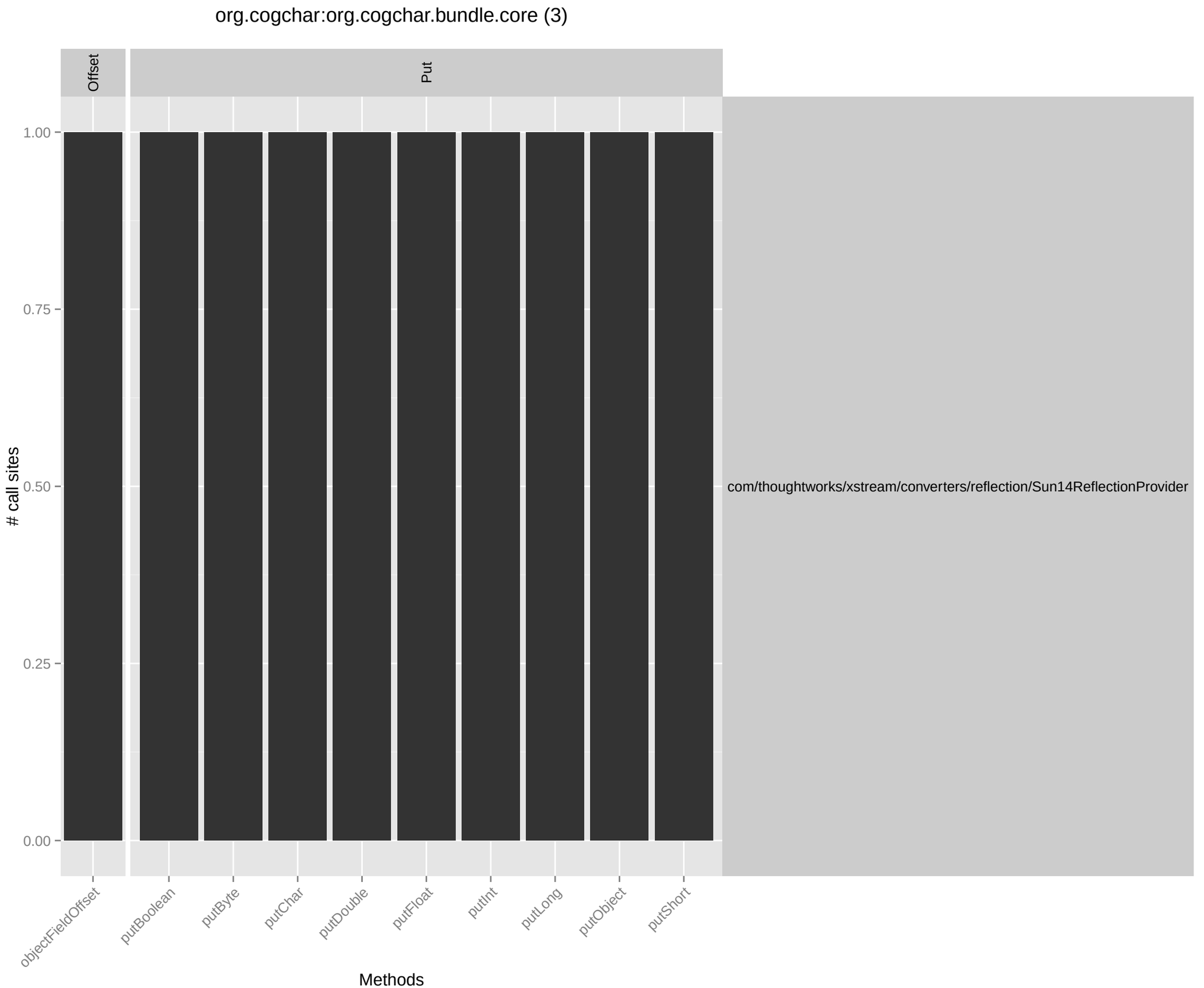

io.prometheus:simpleclient (3)
CAS
Offset
NA
io/prometheus/client/Striped64
io/prometheus/client/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

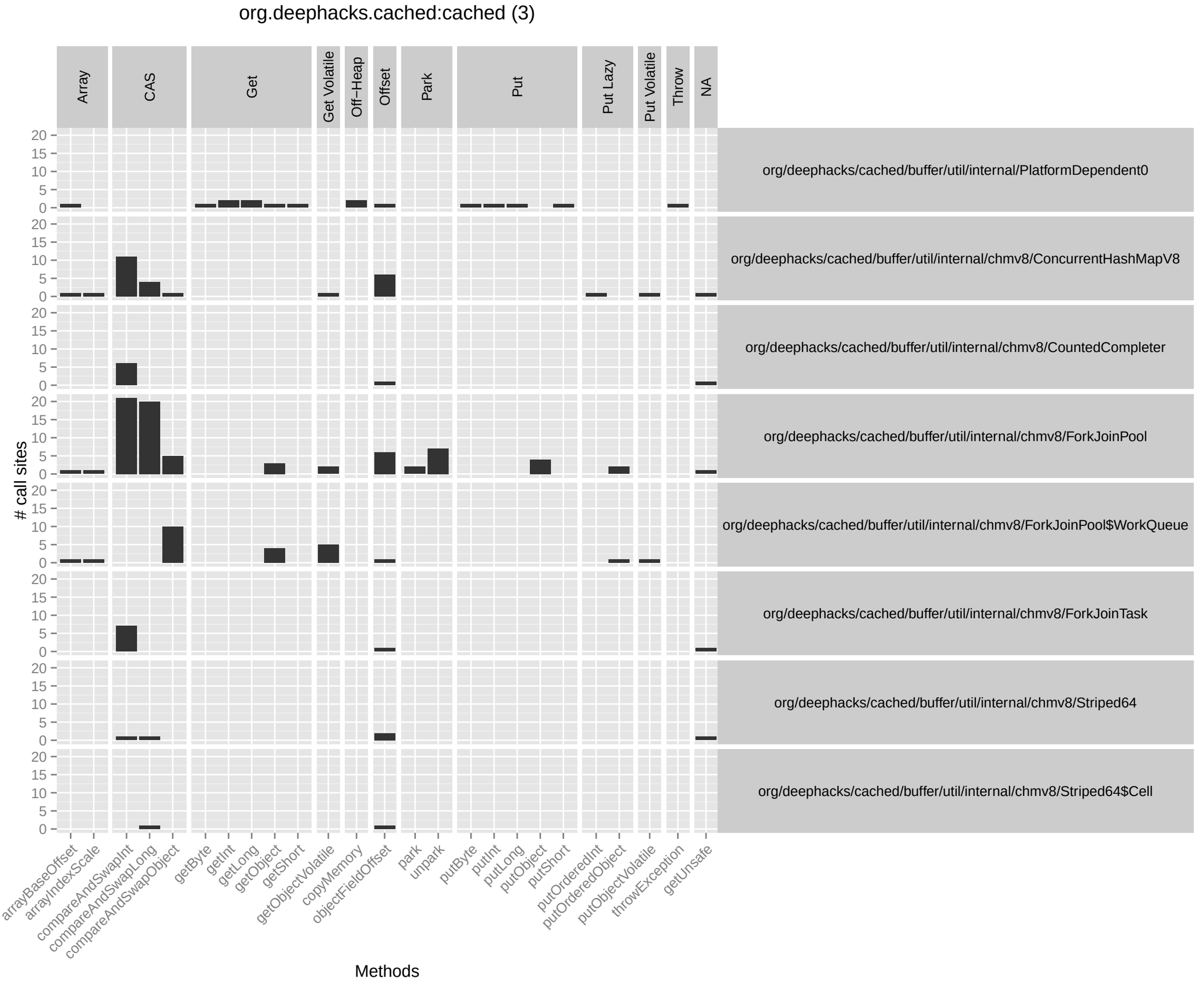

org.apache.avro:avro−tools (3)
CAS
Get
Offset
Put
NA
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0 1 2 3 4
pareAndSwapInt
ompareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

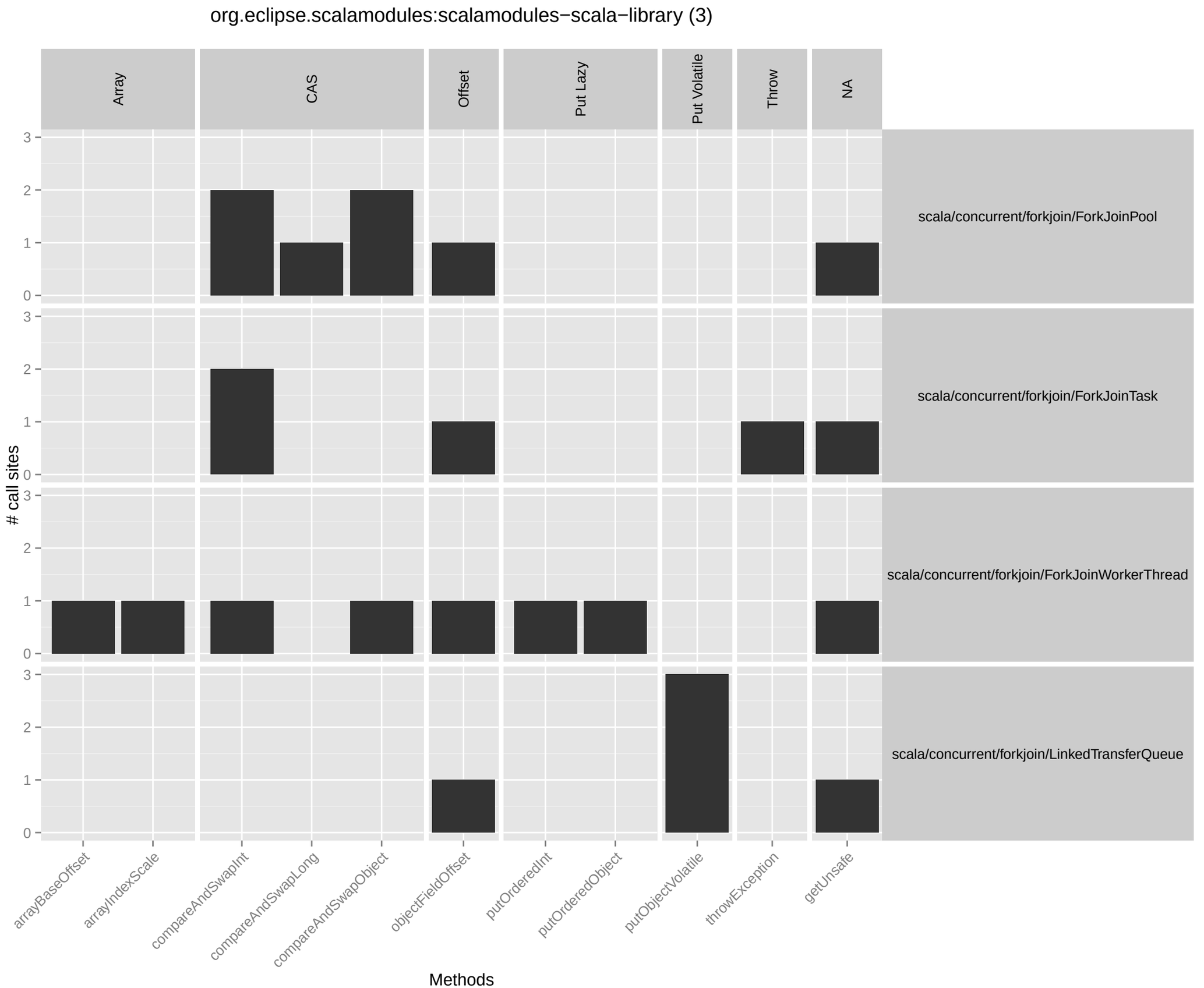

org.apache.bookkeeper:bookkeeper−server (3)
Array
Get
bk−shade/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

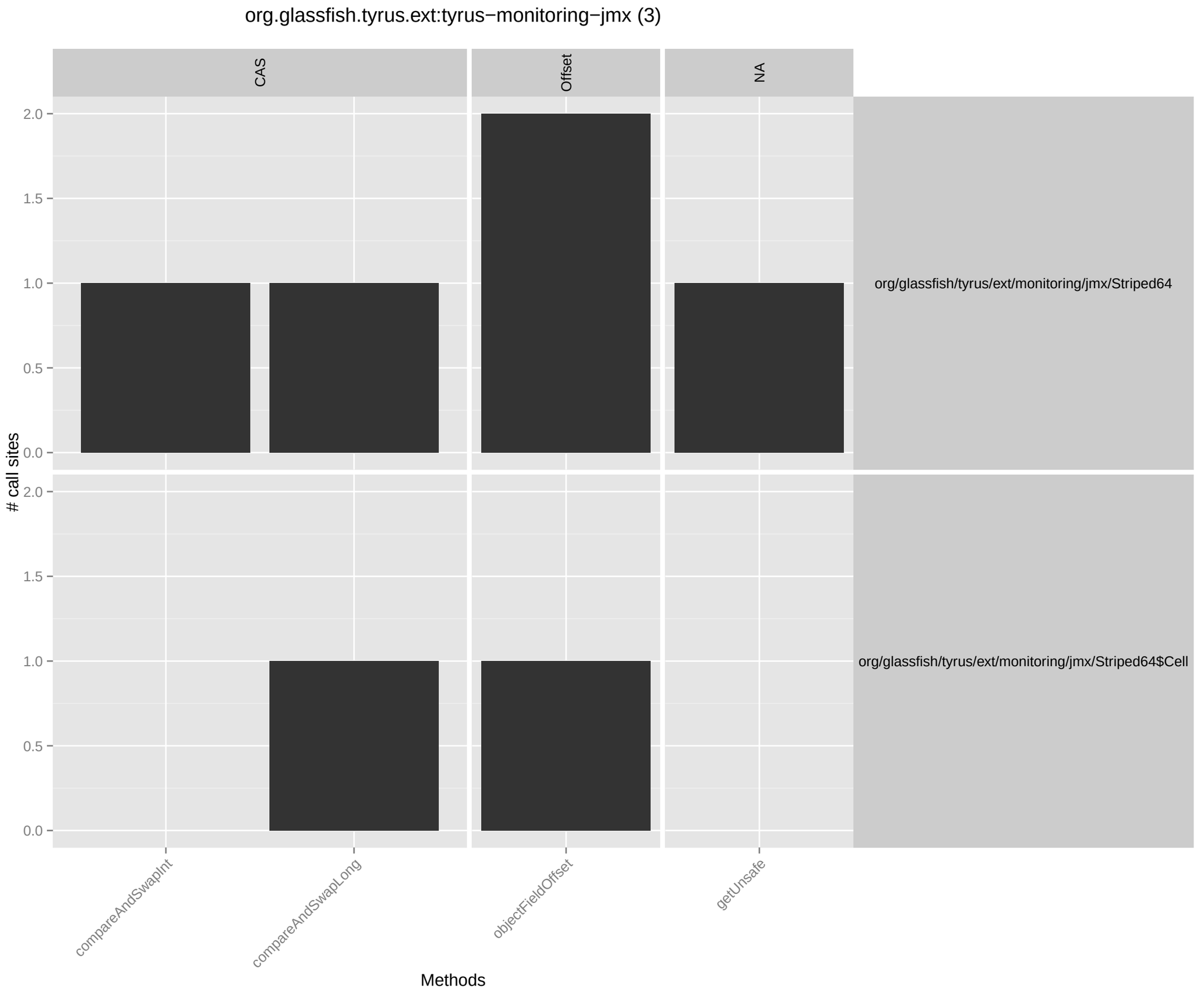
ache.servicemix.bundles:org.apache.servicemix.bundles.elasticsearch (3)

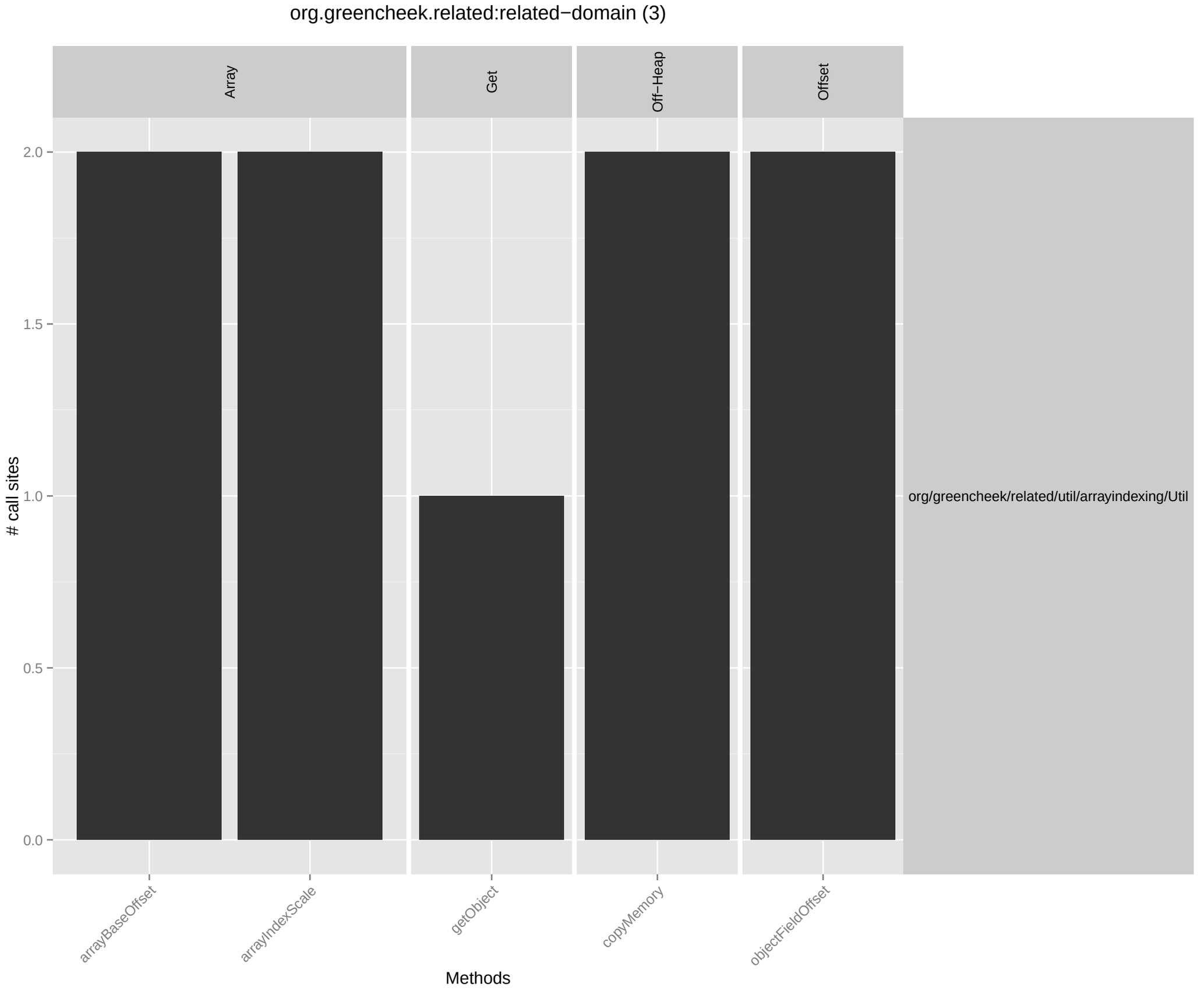


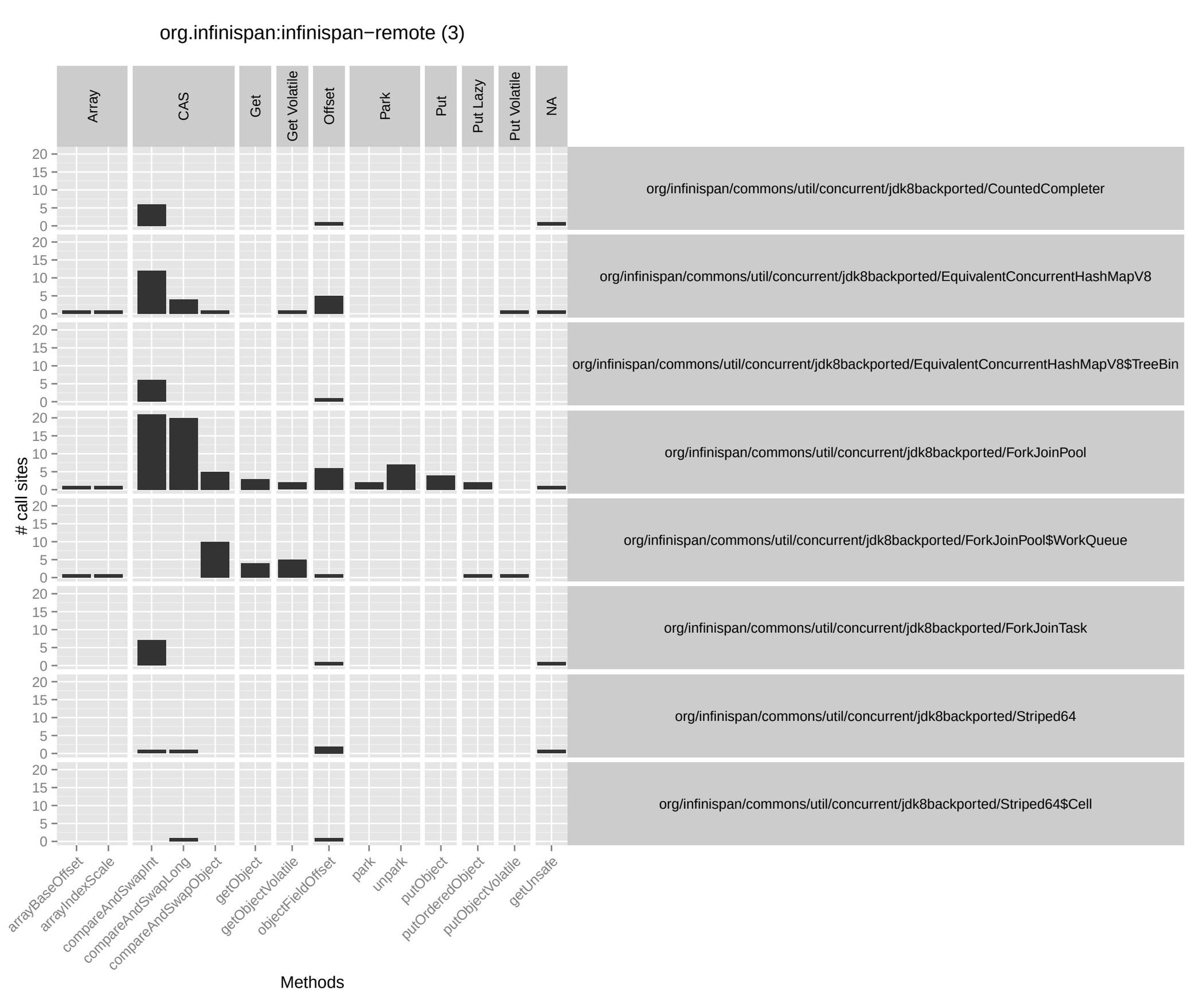

org.cogchar:org.cogchar.bundle.core (3)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

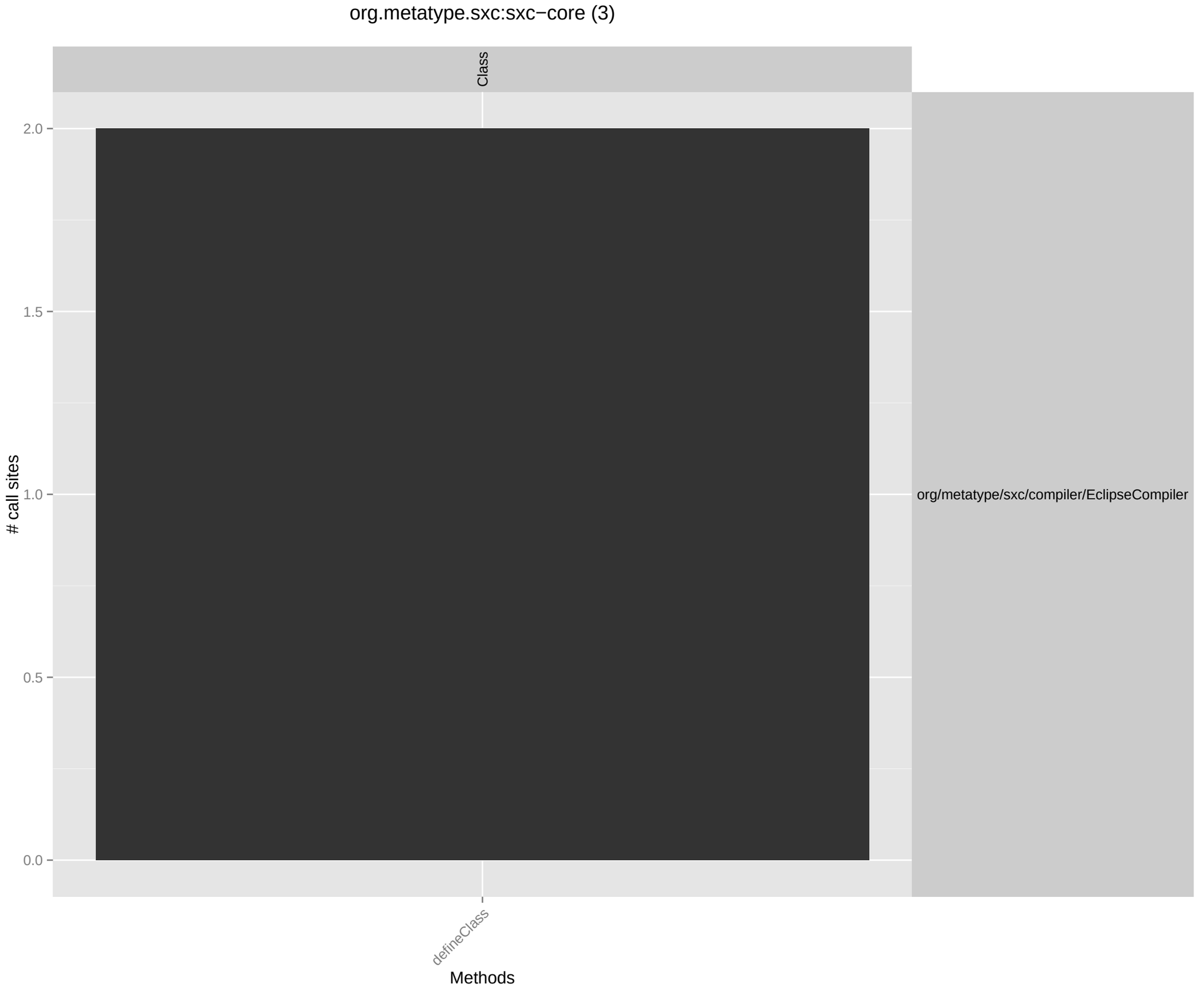

org.deephacks.cached:cached (3)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
org/deephacks/cached/buffer/util/internal/PlatformDependent0
org/deephacks/cached/buffer/util/internal/chmv8/ConcurrentHashMapV8
org/deephacks/cached/buffer/util/internal/chmv8/CountedCompleter
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinPool
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinPool$WorkQueue
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinTask
org/deephacks/cached/buffer/util/internal/chmv8/Striped64
org/deephacks/cached/buffer/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

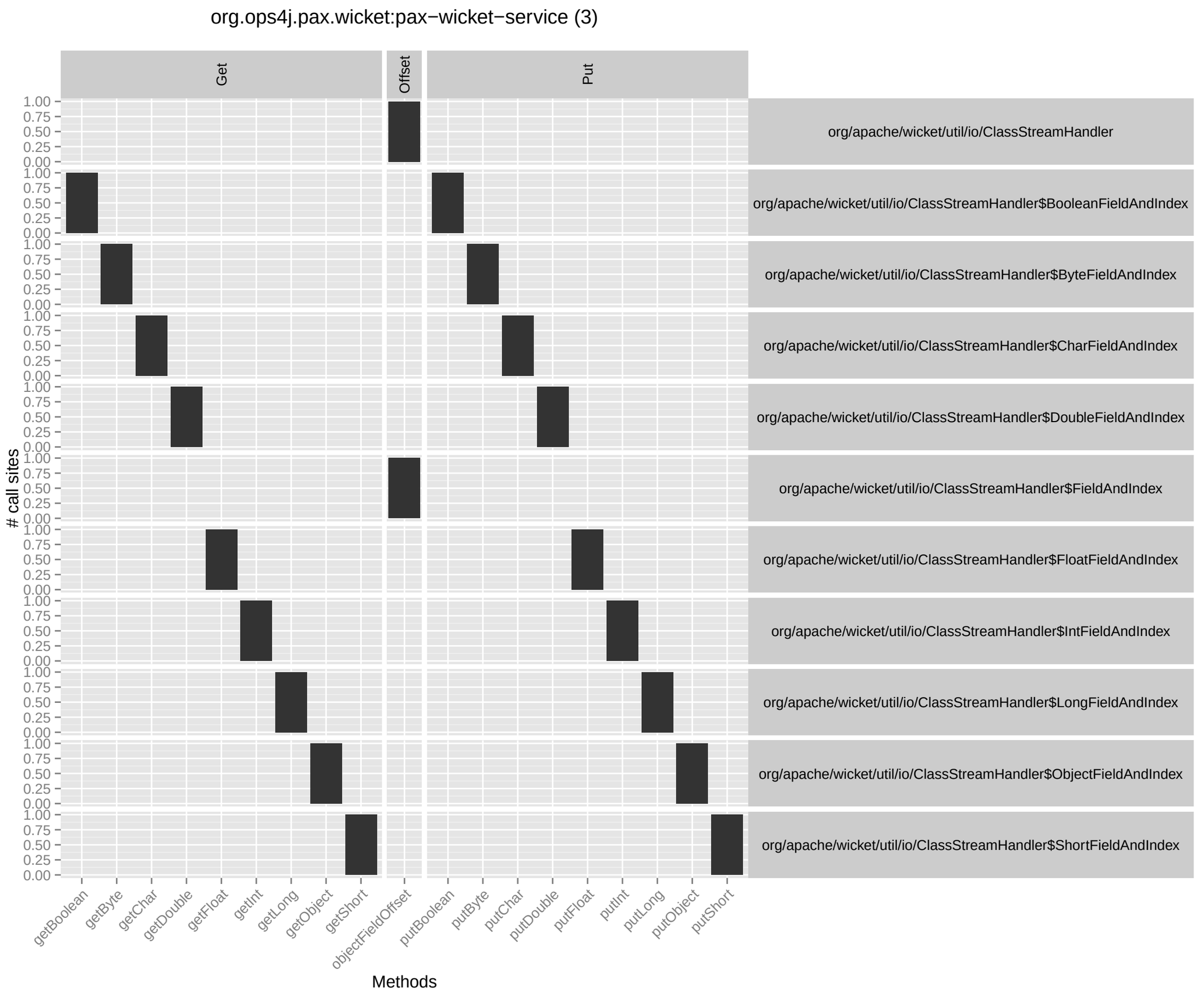

org.eclipse.scalamodules:scalamodules−scala−library (3)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

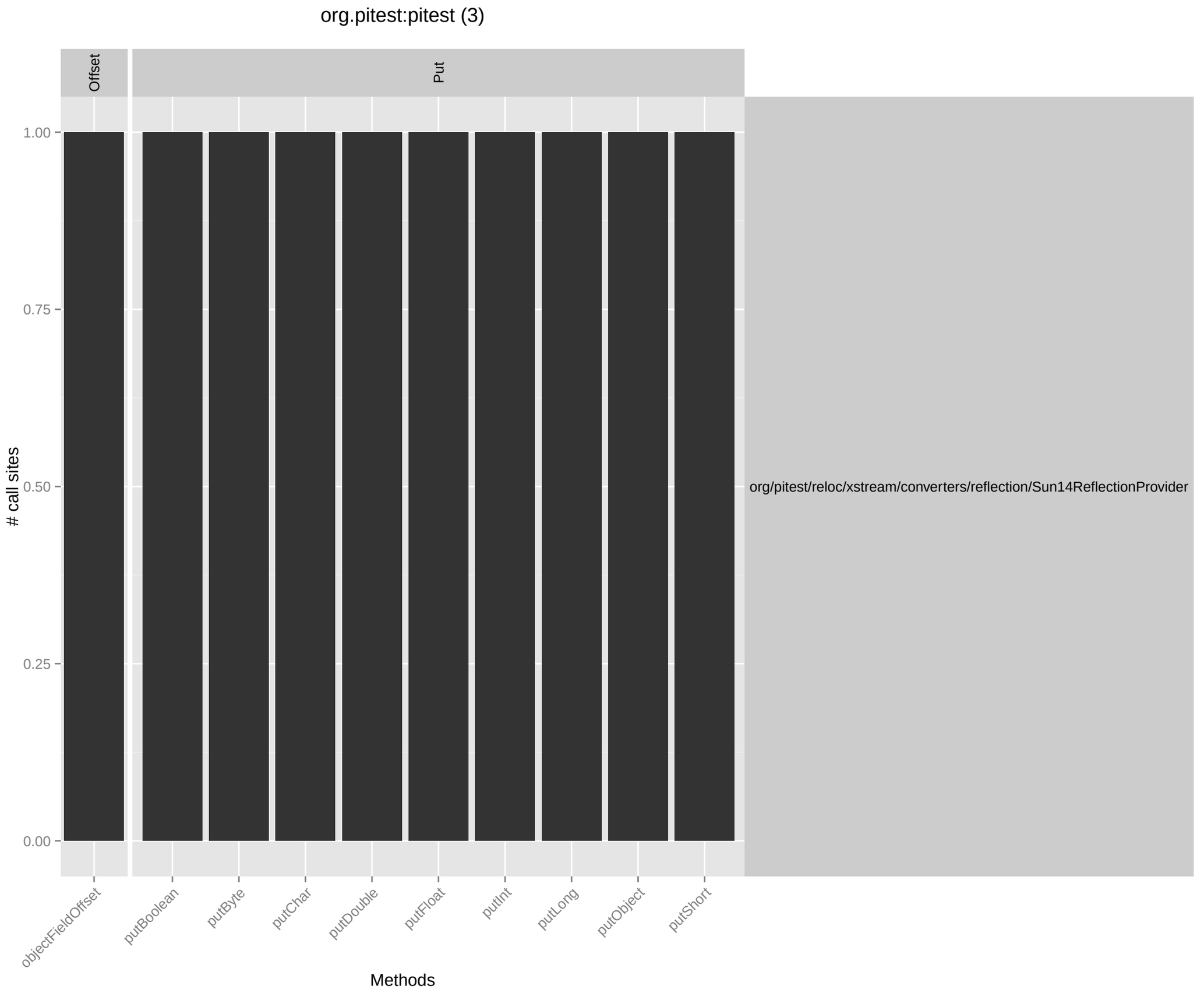

org.glassfish.tyrus.ext:tyrus−monitoring−jmx (3)
CAS
Offset
NA
org/glassfish/tyrus/ext/monitoring/jmx/Striped64
org/glassfish/tyrus/ext/monitoring/jmx/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

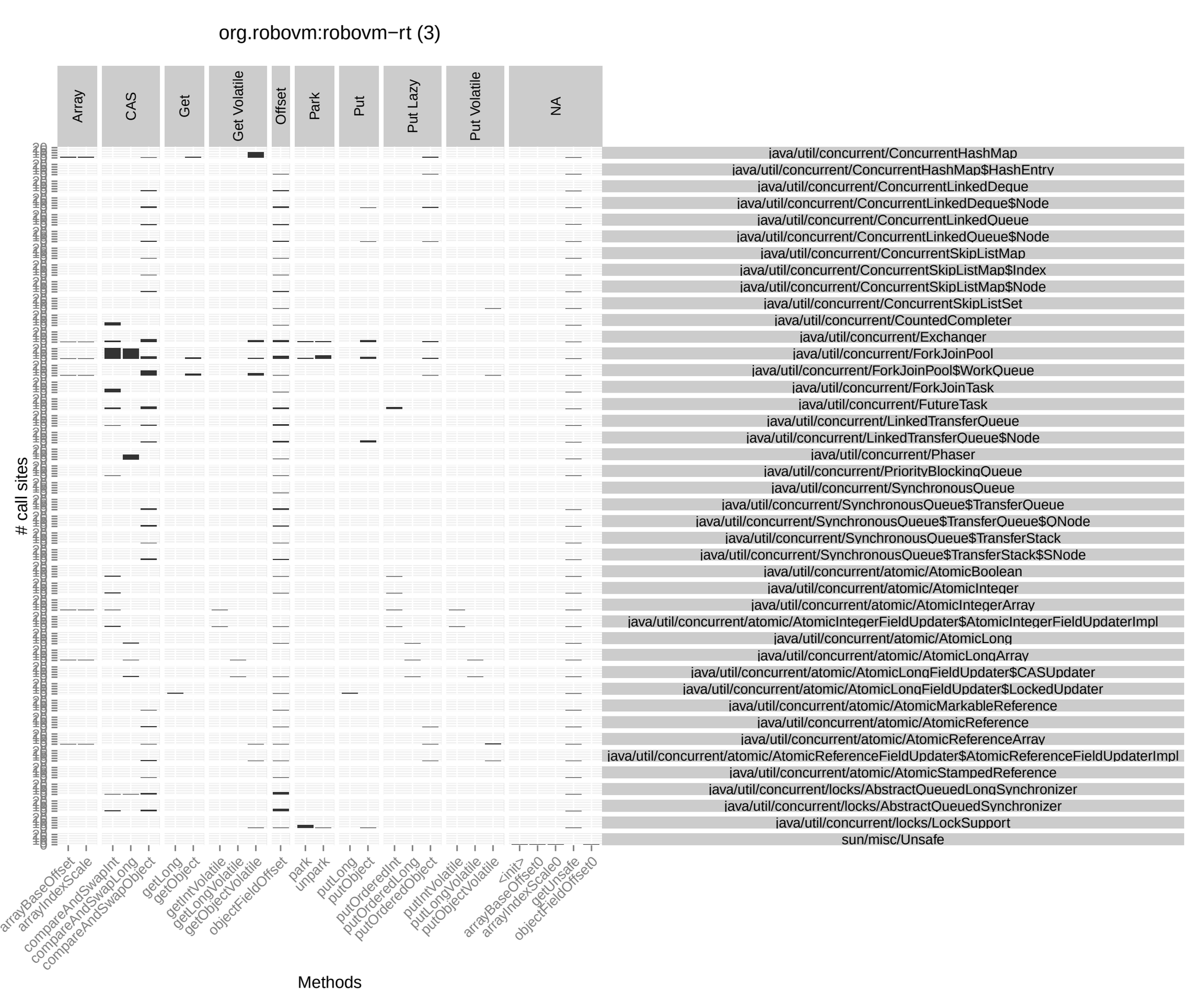

org.greencheek.related:related−domain (3)
Array
Get
Off−Heap
Offset
org/greencheek/related/util/arrayindexing/Util
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getObject
copyMemory
objectFieldOffset
Methods

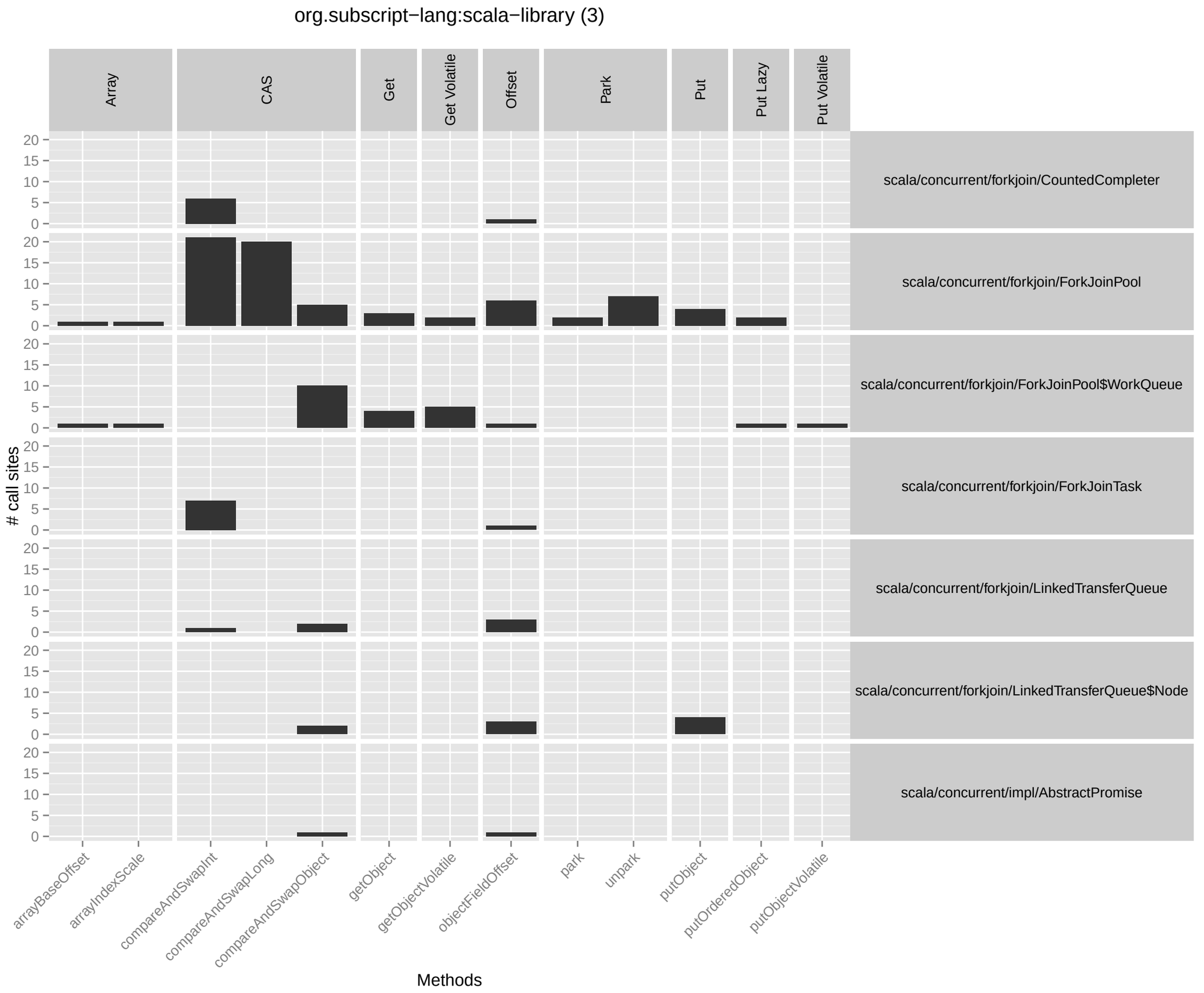

org.infinispan:infinispan−remote (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

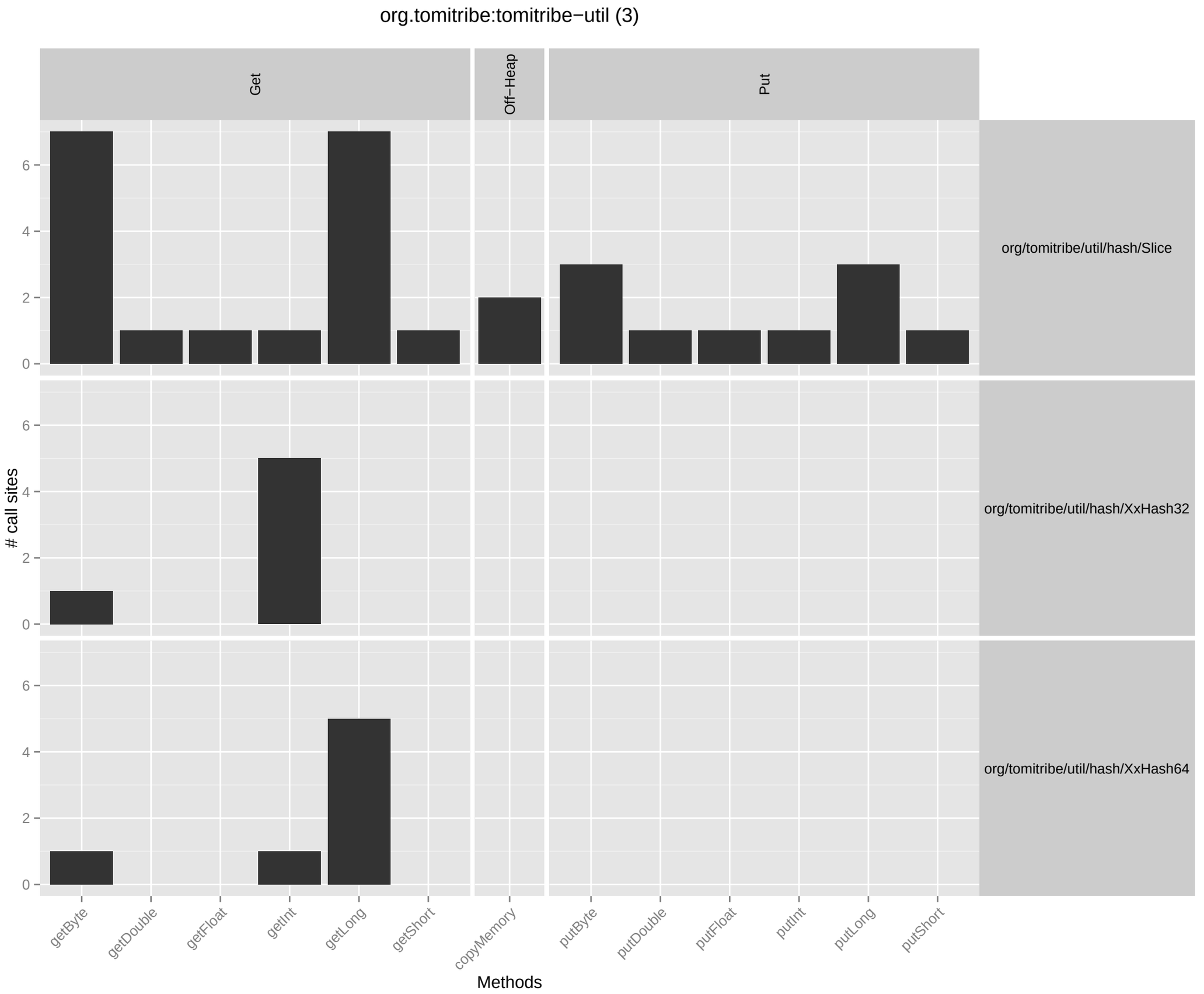

org.metatype.sxc:sxc−core (3)
Class
2.0
1.5
1.0
0.5
0.0
call sites
org/metatype/sxc/compiler/EclipseCompiler
defineClass
Methods

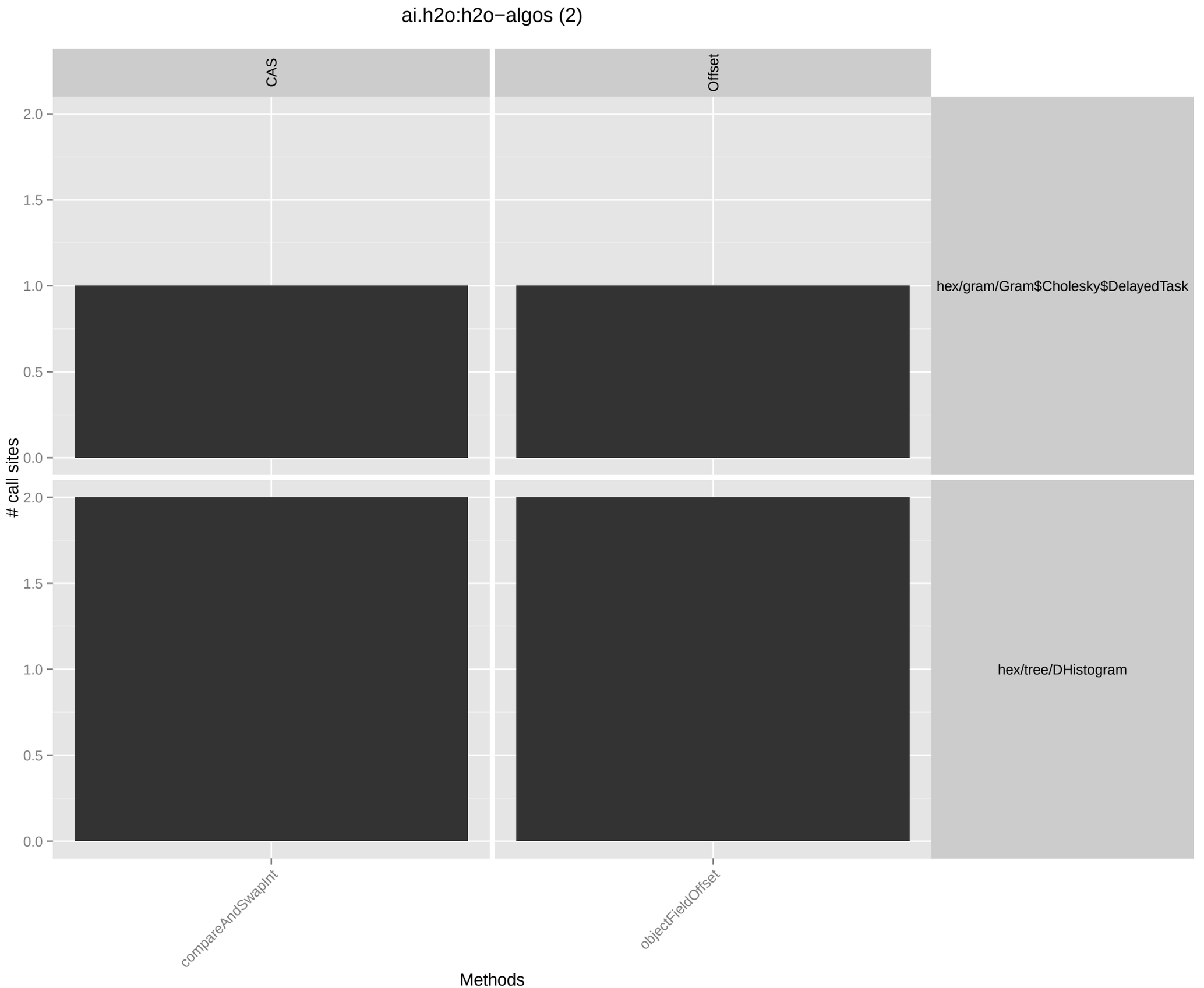

org.ops4j.pax.wicket:pax−wicket−service (3)
Get
Offset
Put
org/apache/wicket/util/io/ClassStreamHandler
org/apache/wicket/util/io/ClassStreamHandler$BooleanFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ByteFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$CharFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$DoubleFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FloatFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$IntFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$LongFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ObjectFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ShortFieldAndIndex
call sites
0.00
0.25
0.50
0.75
1.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

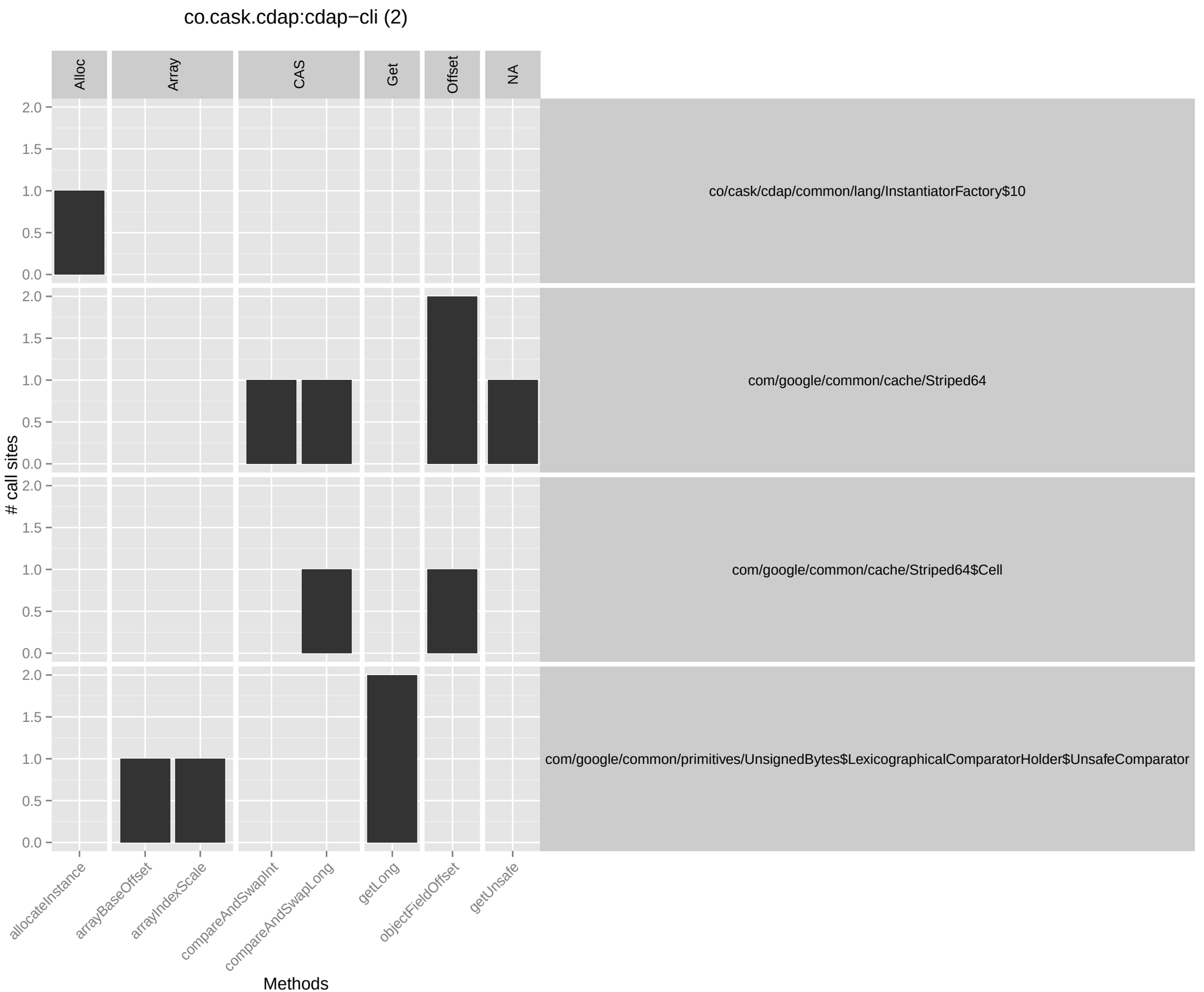

org.pitest:pitest (3)
Offset
Put
org/pitest/reloc/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

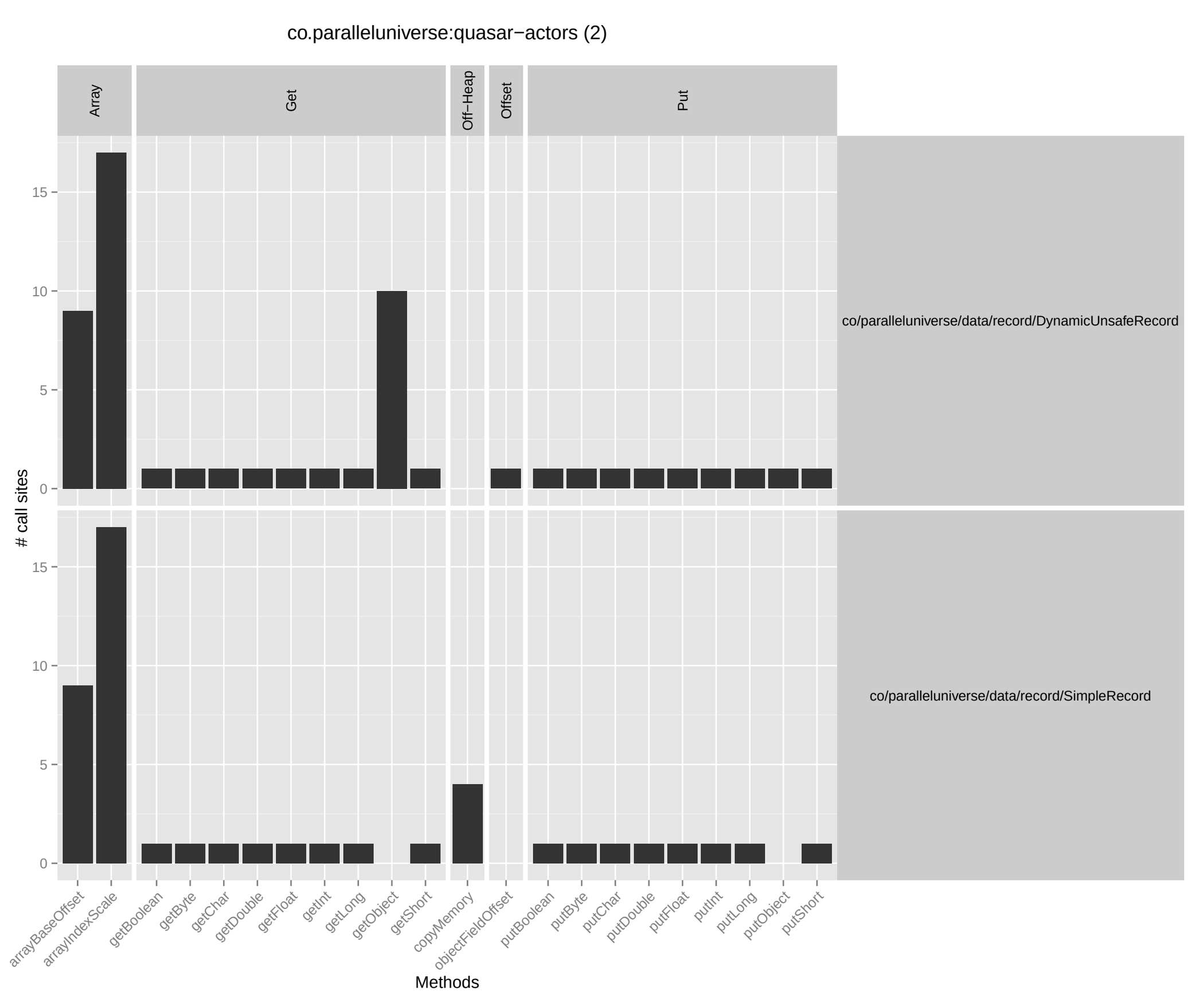

org.robovm:robovm−rt (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
call sites
java/util/concurrent/ConcurrentHashMap
java/util/concurrent/ConcurrentHashMap$HashEntry
java/util/concurrent/ConcurrentLinkedDeque
java/util/concurrent/ConcurrentLinkedDeque$Node
java/util/concurrent/ConcurrentLinkedQueue
java/util/concurrent/ConcurrentLinkedQueue$Node
java/util/concurrent/ConcurrentSkipListMap
java/util/concurrent/ConcurrentSkipListMap$Index
java/util/concurrent/ConcurrentSkipListMap$Node
java/util/concurrent/ConcurrentSkipListSet
java/util/concurrent/CountedCompleter
java/util/concurrent/Exchanger
java/util/concurrent/ForkJoinPool
java/util/concurrent/ForkJoinPool$WorkQueue
java/util/concurrent/ForkJoinTask
java/util/concurrent/FutureTask
java/util/concurrent/LinkedTransferQueue
java/util/concurrent/LinkedTransferQueue$Node
java/util/concurrent/Phaser
java/util/concurrent/PriorityBlockingQueue
java/util/concurrent/SynchronousQueue
java/util/concurrent/SynchronousQueue$TransferQueue
java/util/concurrent/SynchronousQueue$TransferQueue$QNode
java/util/concurrent/SynchronousQueue$TransferStack
java/util/concurrent/SynchronousQueue$TransferStack$SNode
java/util/concurrent/atomic/AtomicBoolean
java/util/concurrent/atomic/AtomicInteger
java/util/concurrent/atomic/AtomicIntegerArray
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
java/util/concurrent/atomic/AtomicLong
java/util/concurrent/atomic/AtomicLongArray
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater
java/util/concurrent/atomic/AtomicMarkableReference
java/util/concurrent/atomic/AtomicReference
java/util/concurrent/atomic/AtomicReferenceArray
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
java/util/concurrent/atomic/AtomicStampedReference
java/util/concurrent/locks/AbstractQueuedLongSynchronizer
java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/LockSupport
sun/misc/Unsafe
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putLong
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
<init>
arrayBaseOffset0
arrayIndexScale0
getUnsafe
objectFieldOffset0
Methods

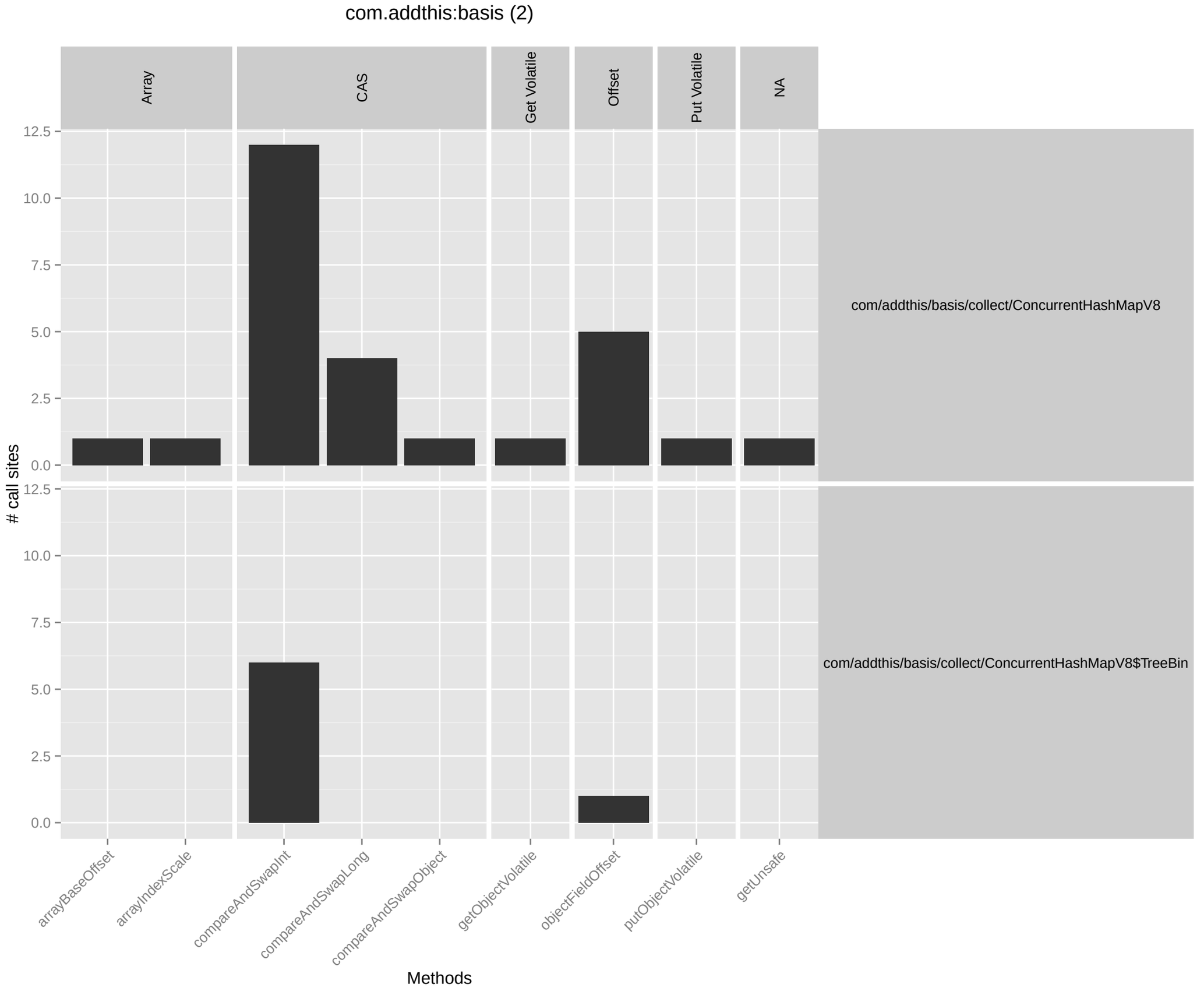

org.subscript−lang:scala−library (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

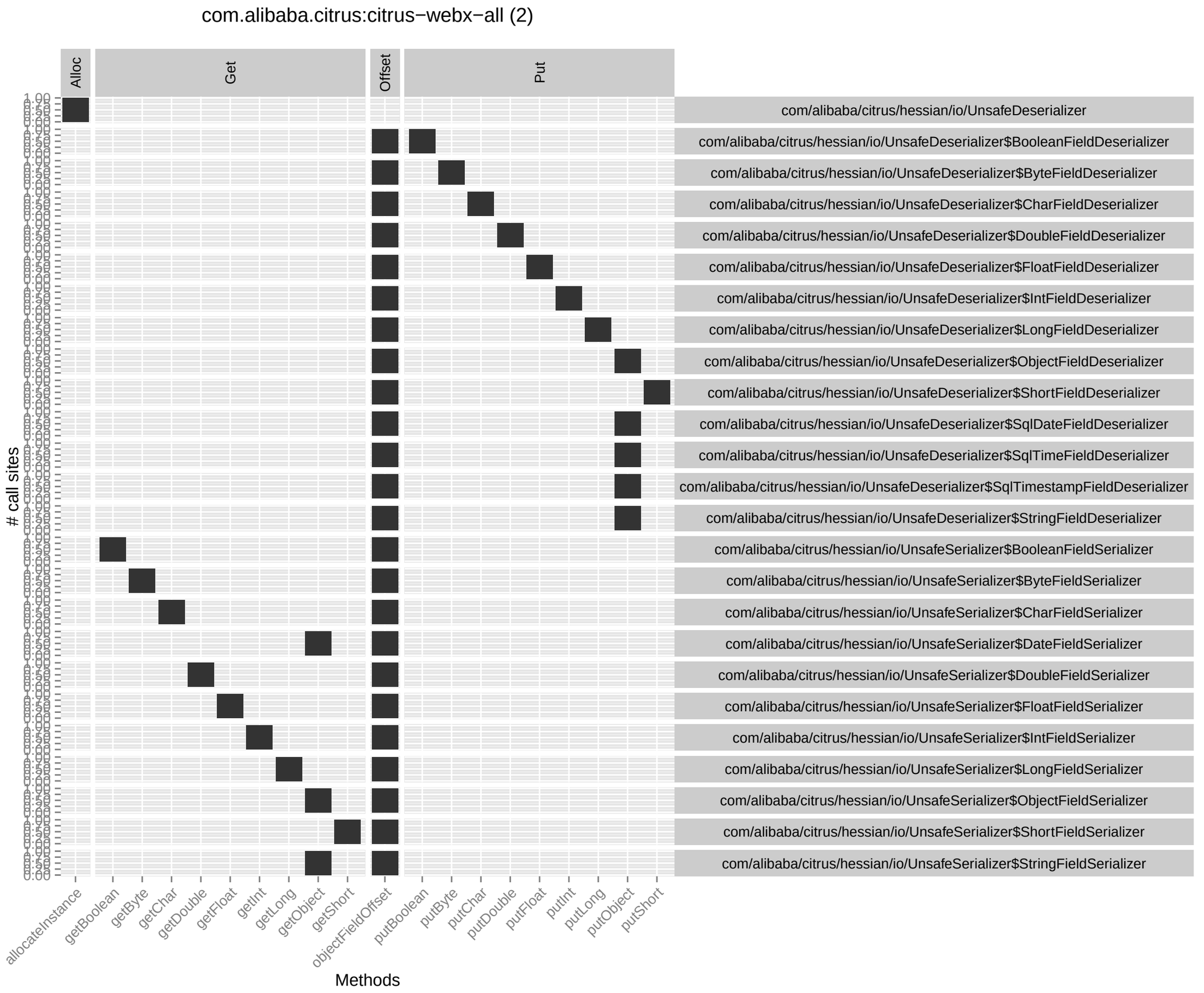

org.tomitribe:tomitribe−util (3)
Get
Off−Heap
Put
org/tomitribe/util/hash/Slice
org/tomitribe/util/hash/XxHash32
org/tomitribe/util/hash/XxHash64
call sites
0
2
4
6
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

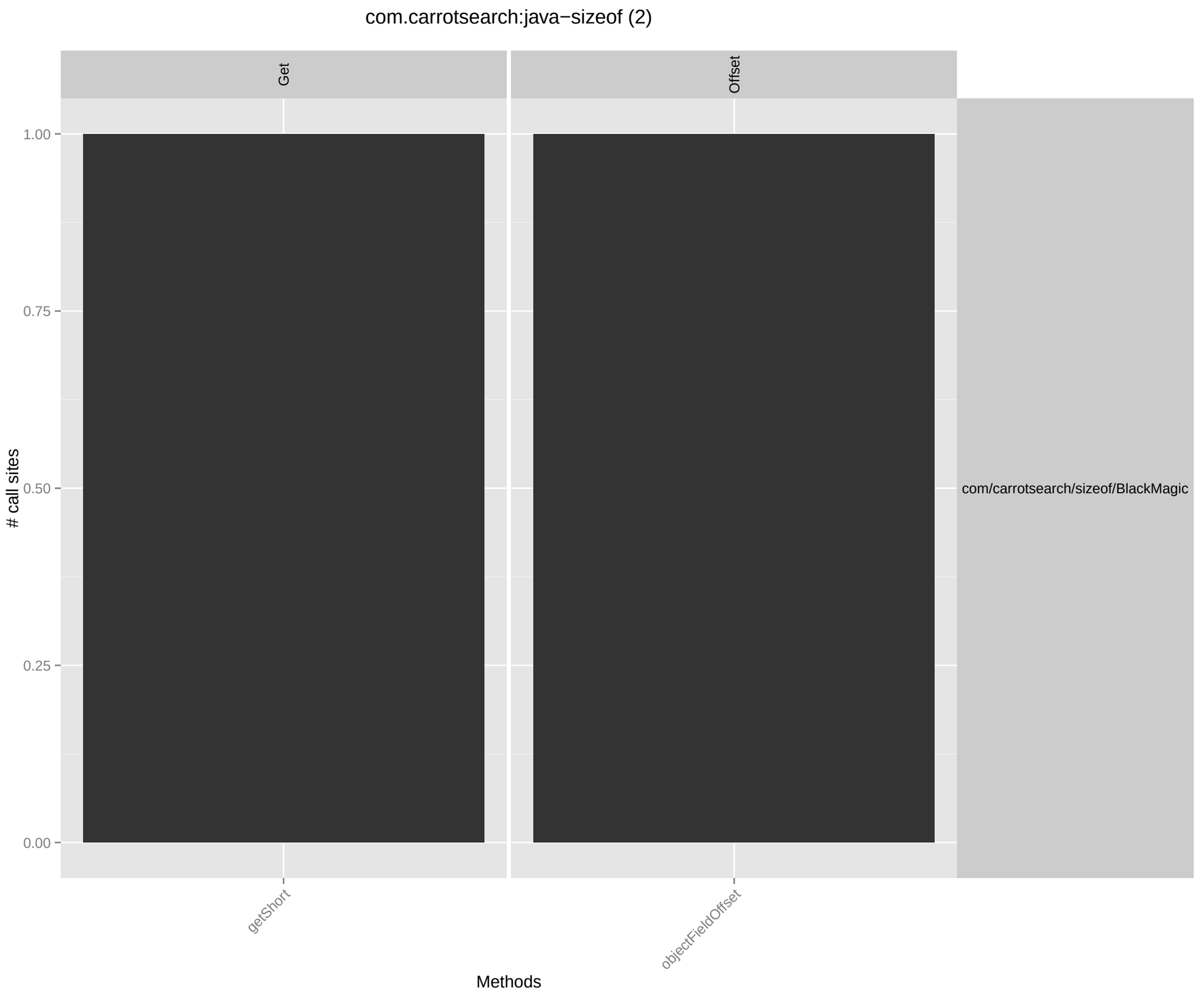

ai.h2o:h2o−algos (2)
CAS
Offset
hex/gram/Gram$Cholesky$DelayedTask
hex/tree/DHistogram
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

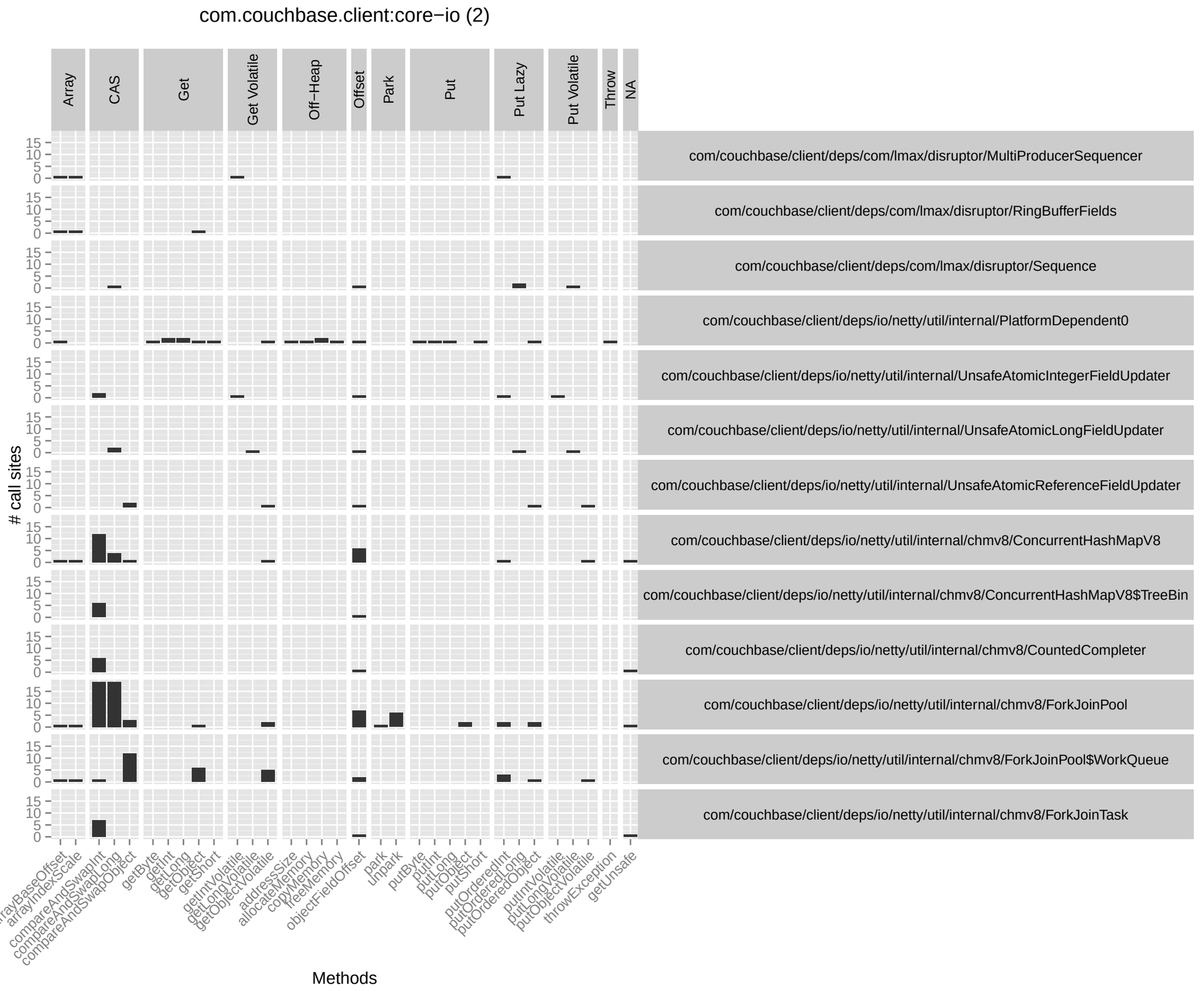

co.cask.cdap:cdap−cli (2)
Alloc
Array
CAS
Get
Offset
NA
co/cask/cdap/common/lang/InstantiatorFactory$10
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

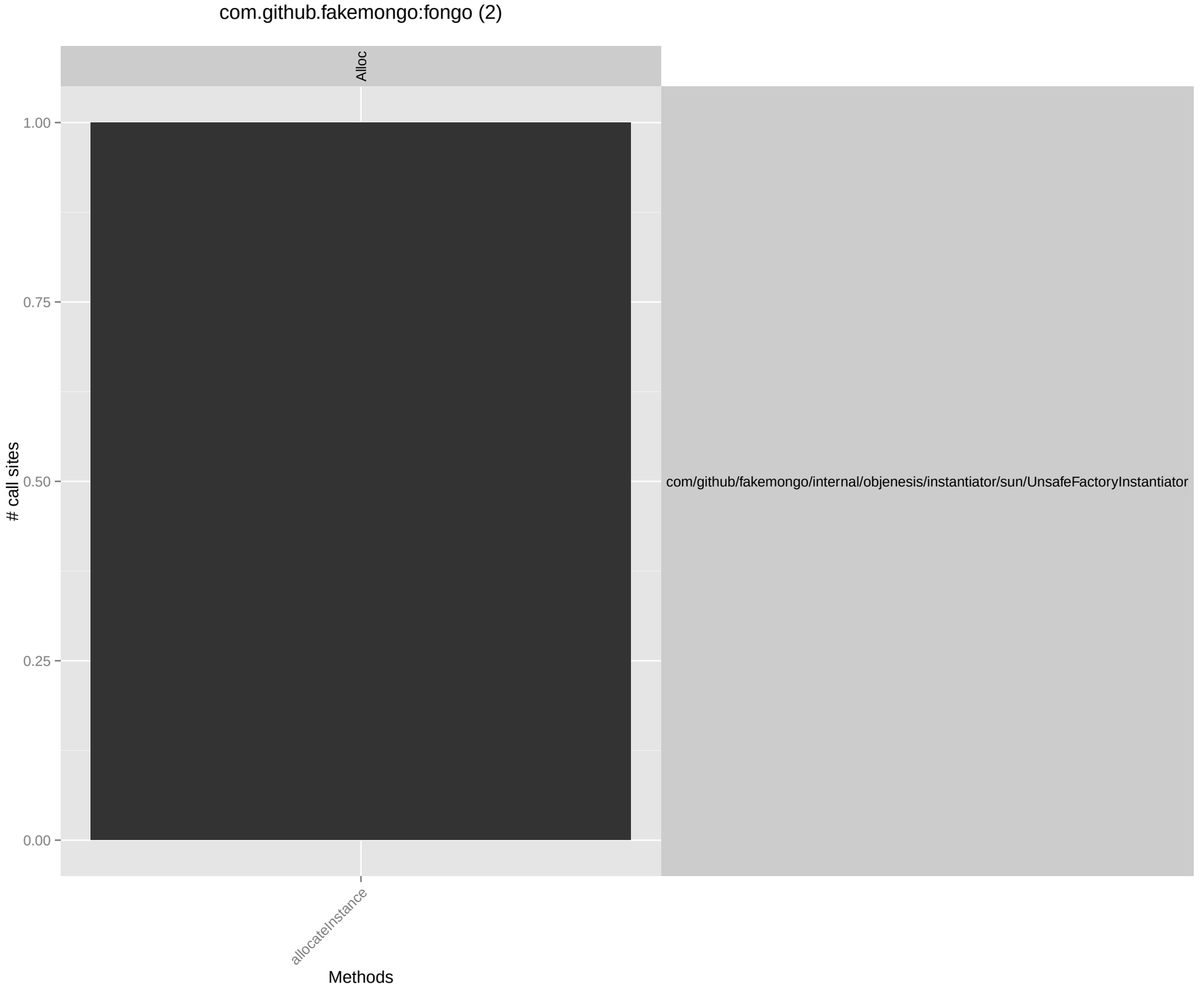

co.paralleluniverse:quasar−actors (2)
Array
Get
Off−Heap
Offset
Put
co/paralleluniverse/data/record/DynamicUnsafeRecord
co/paralleluniverse/data/record/SimpleRecord
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods


com.addthis:basis (2)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
com/addthis/basis/collect/ConcurrentHashMapV8
com/addthis/basis/collect/ConcurrentHashMapV8$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
getUnsafe
Methods

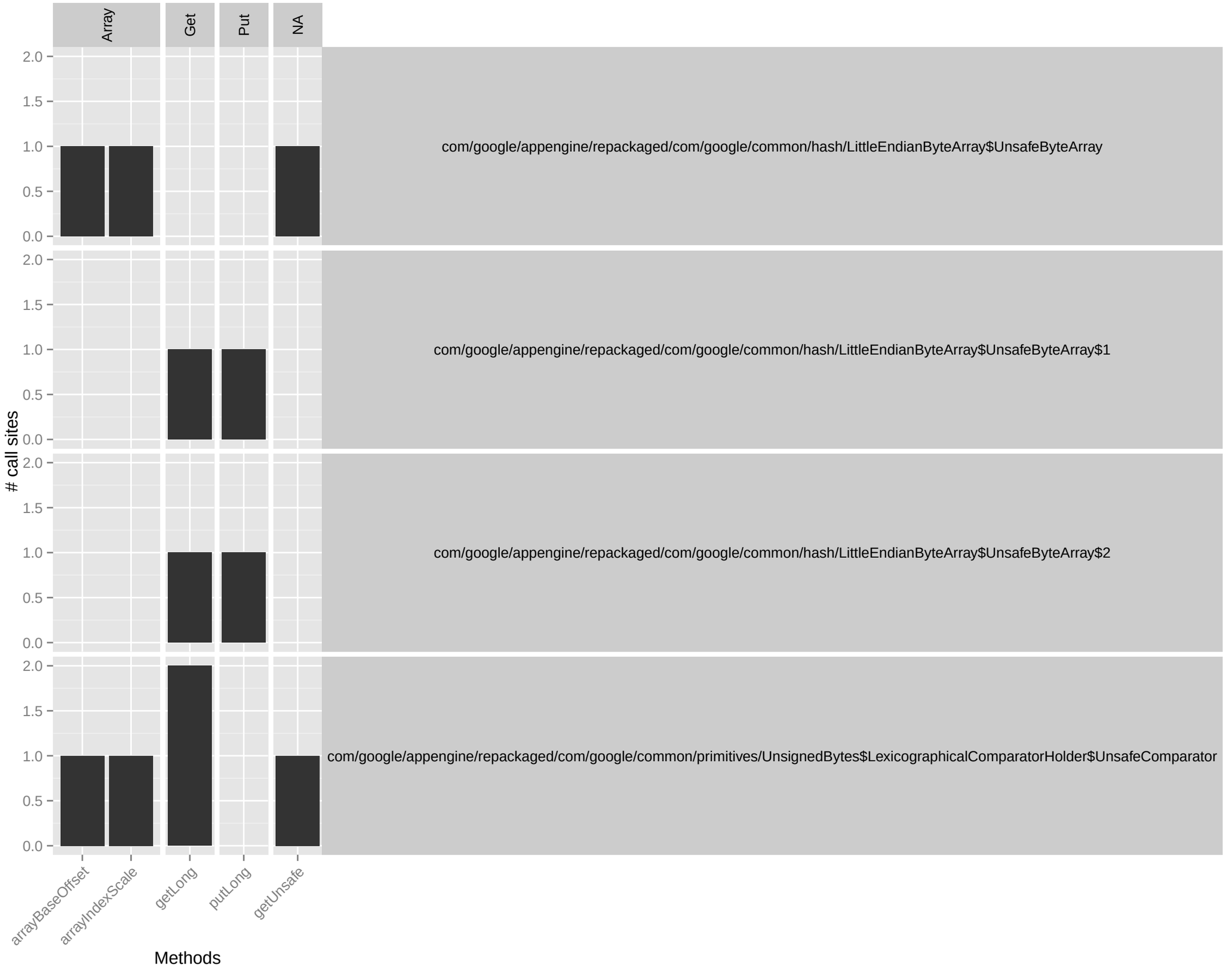

com.alibaba.citrus:citrus−webx−all (2)
Alloc
Get
Offset
Put
com/alibaba/citrus/hessian/io/UnsafeDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$BooleanFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$ByteFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$CharFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$DoubleFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$FloatFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$IntFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$LongFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$ObjectFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$ShortFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$SqlDateFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$SqlTimeFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$SqlTimestampFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeDeserializer$StringFieldDeserializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$BooleanFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$ByteFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$CharFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$DateFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$DoubleFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$FloatFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$IntFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$LongFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$ObjectFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$ShortFieldSerializer
com/alibaba/citrus/hessian/io/UnsafeSerializer$StringFieldSerializer
call sites
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods


com.carrotsearch:java−sizeof (2)
Get
Offset
com/carrotsearch/sizeof/BlackMagic
call sites
1.00
0.75
0.50
0.25
0.00
getShort
objectFieldOffset
Methods

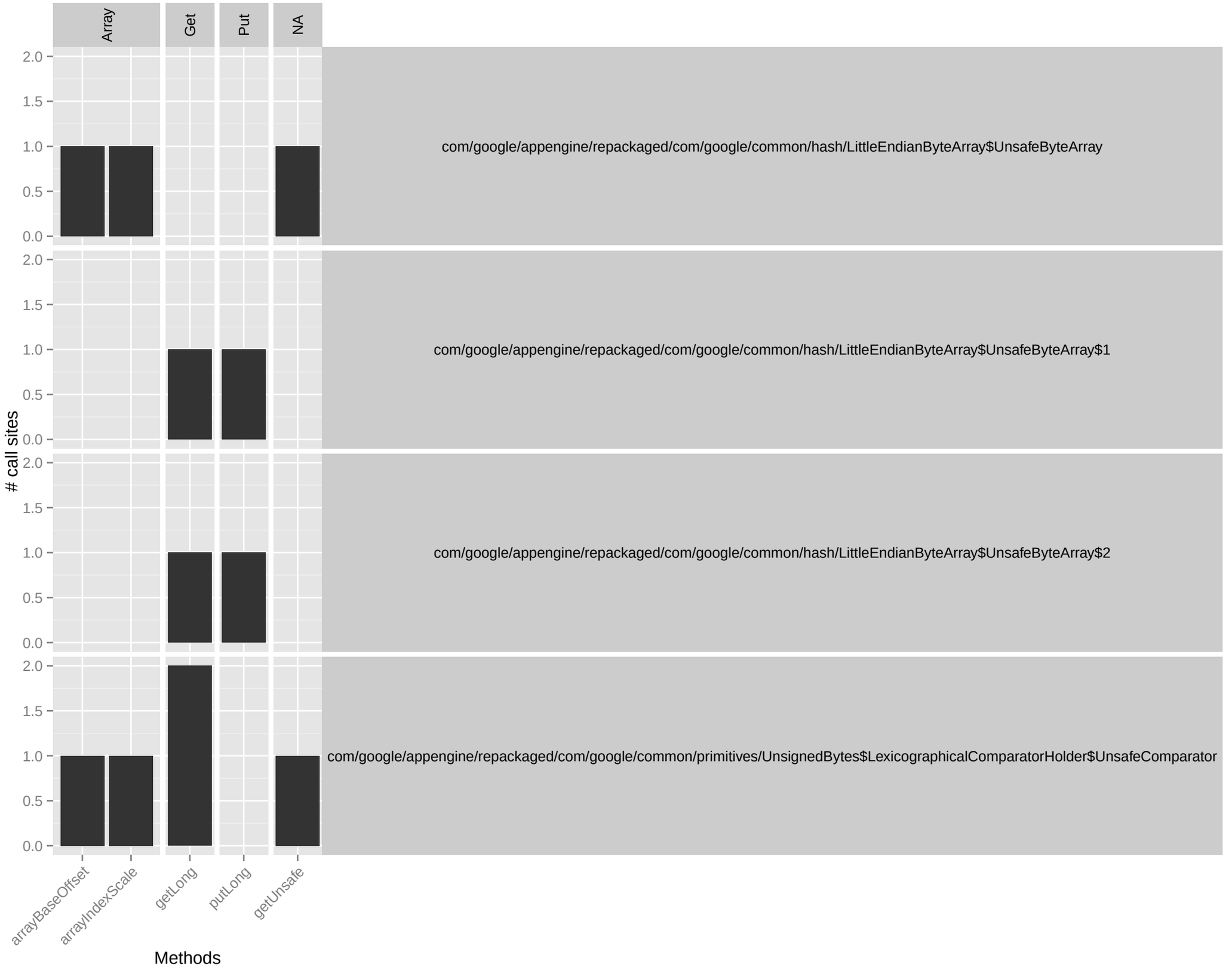

com.couchbase.client:core−io (2)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/couchbase/client/deps/com/lmax/disruptor/MultiProducerSequencer
com/couchbase/client/deps/com/lmax/disruptor/RingBufferFields
com/couchbase/client/deps/com/lmax/disruptor/Sequence
com/couchbase/client/deps/io/netty/util/internal/PlatformDependent0
com/couchbase/client/deps/io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
com/couchbase/client/deps/io/netty/util/internal/UnsafeAtomicLongFieldUpdater
com/couchbase/client/deps/io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
com/couchbase/client/deps/io/netty/util/internal/chmv8/ConcurrentHashMapV8
com/couchbase/client/deps/io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
com/couchbase/client/deps/io/netty/util/internal/chmv8/CountedCompleter
com/couchbase/client/deps/io/netty/util/internal/chmv8/ForkJoinPool
com/couchbase/client/deps/io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
com/couchbase/client/deps/io/netty/util/internal/chmv8/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

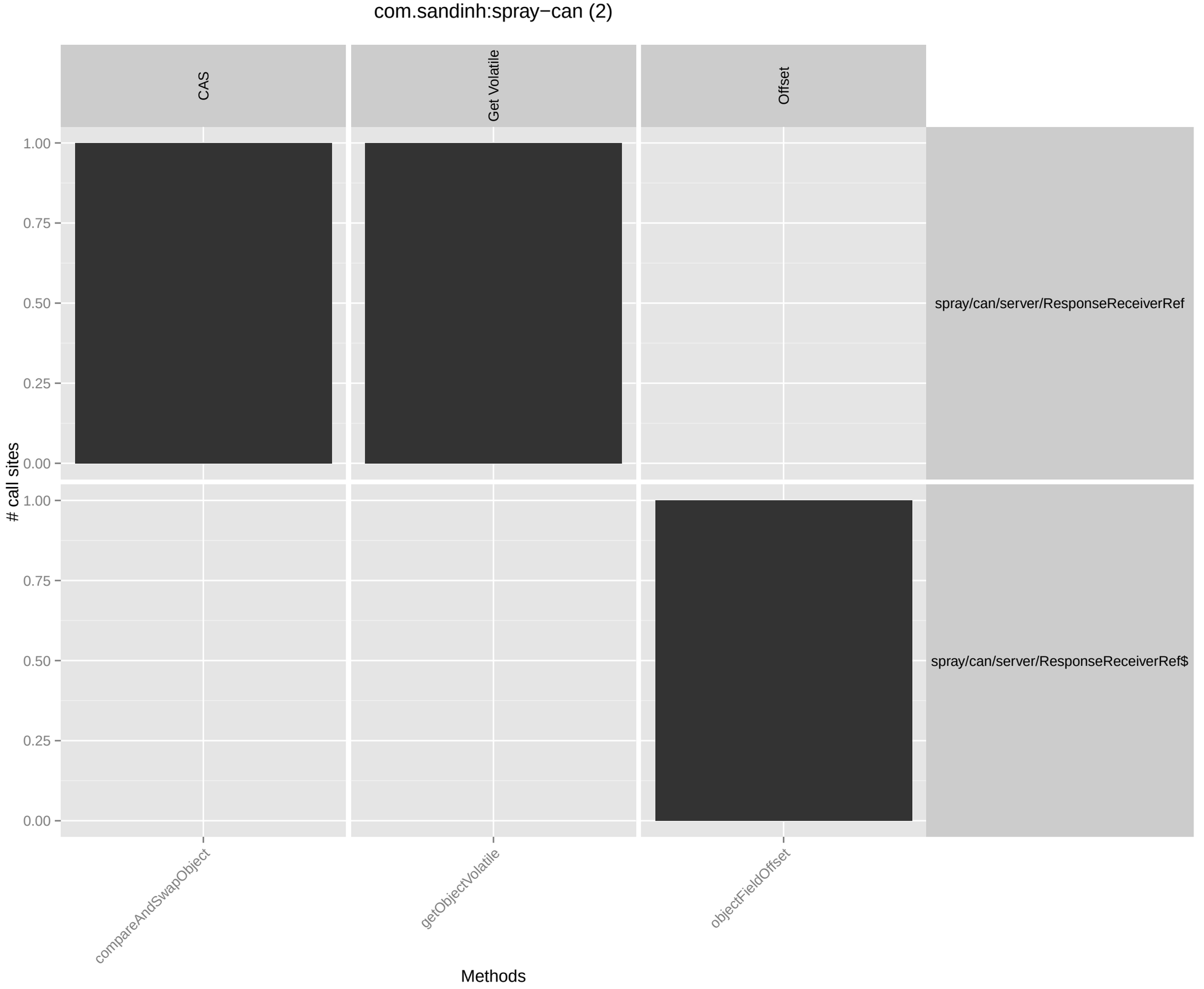

com.github.fakemongo:fongo (2)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
com/github/fakemongo/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

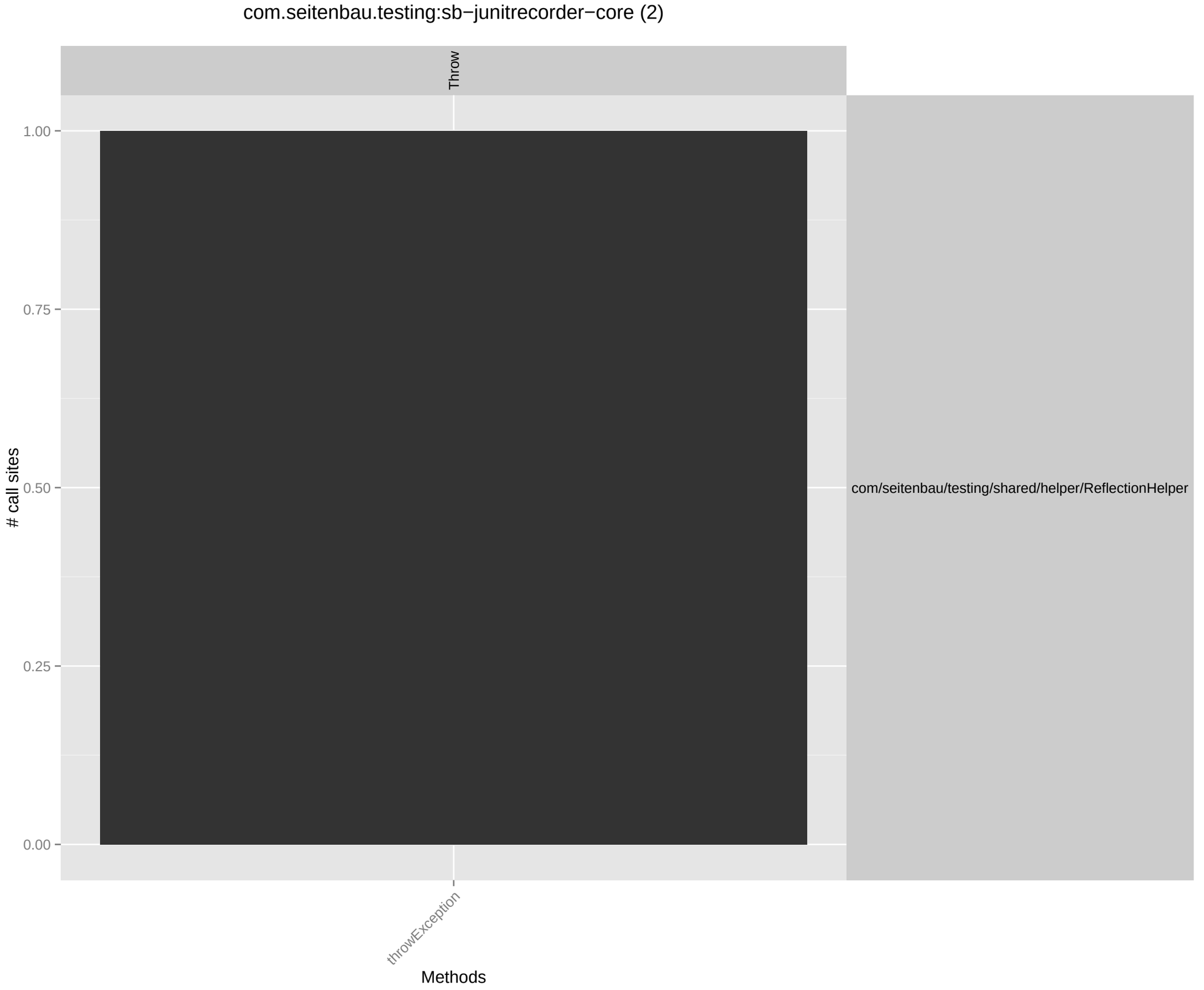
m.google.appengine:appengine−remote−api (2)

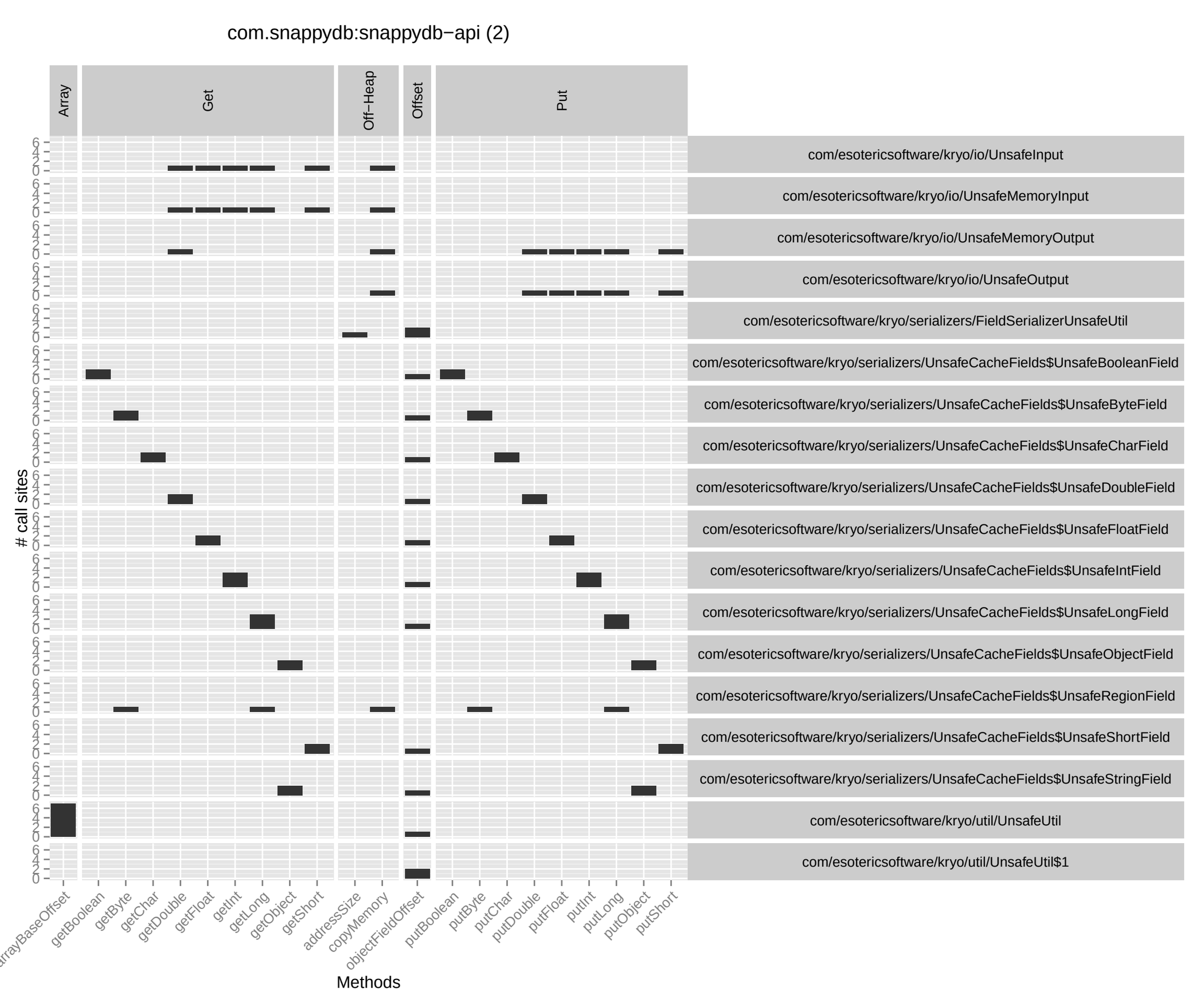


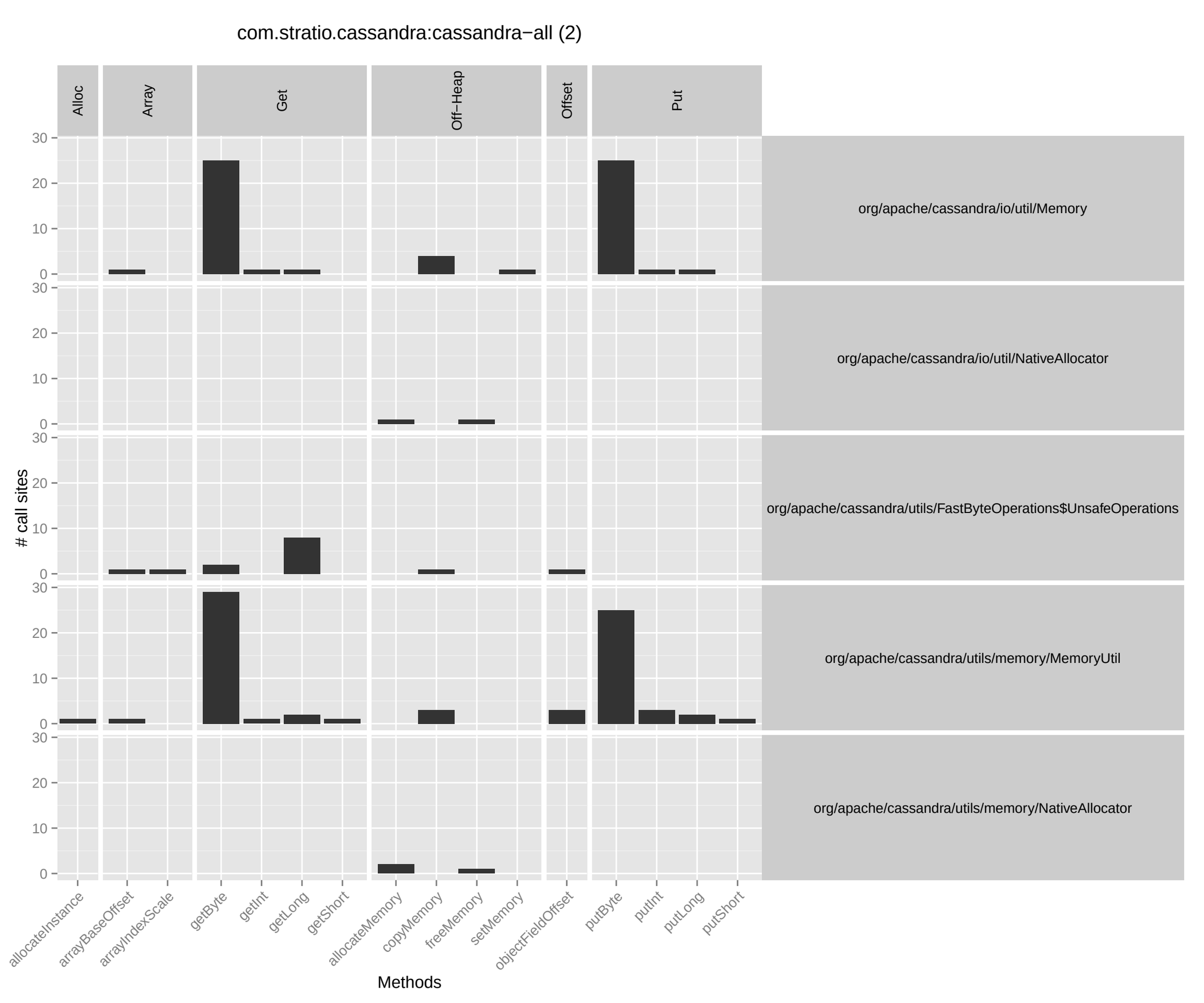
com.google.appengine:appengine−testing (2)

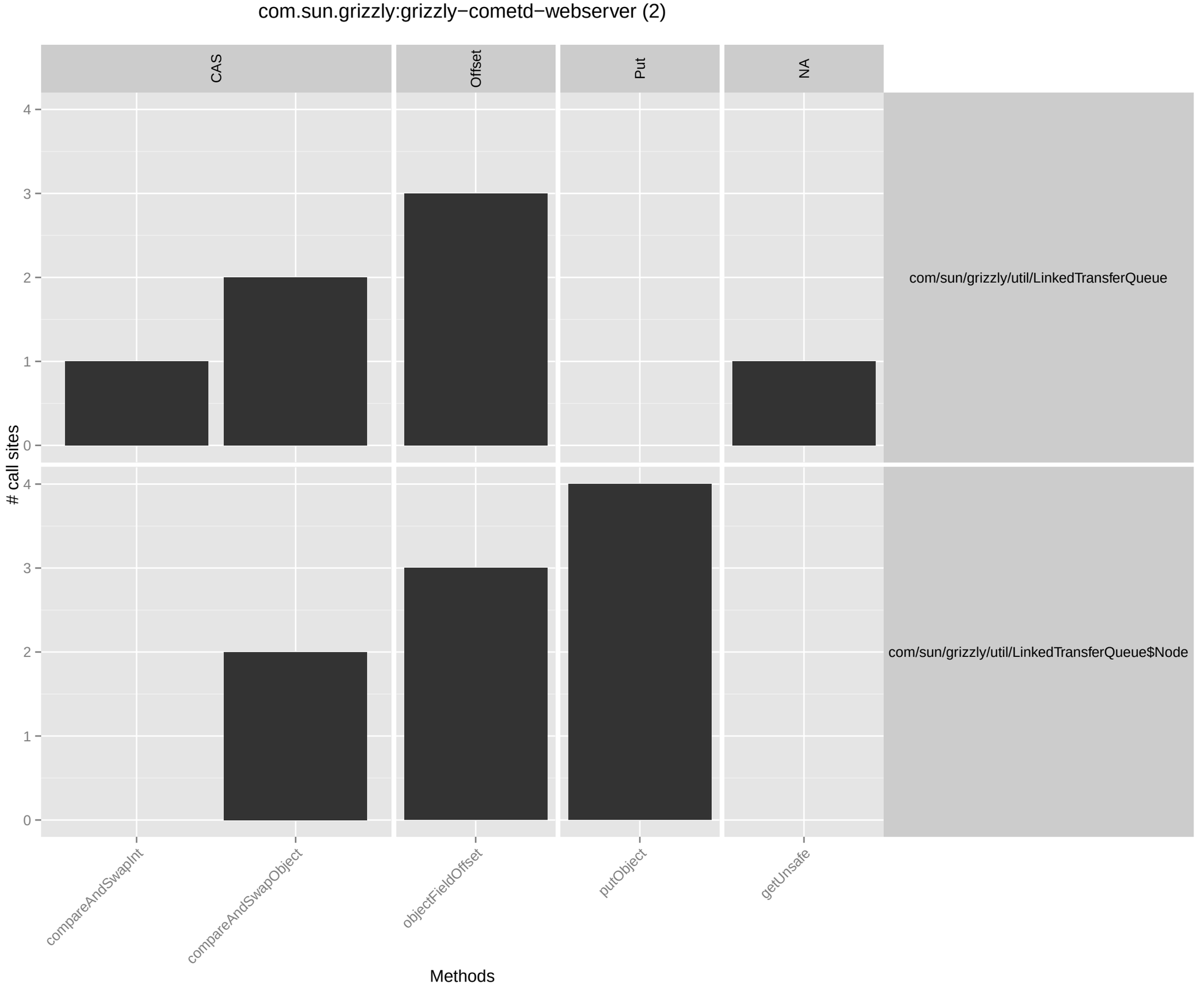


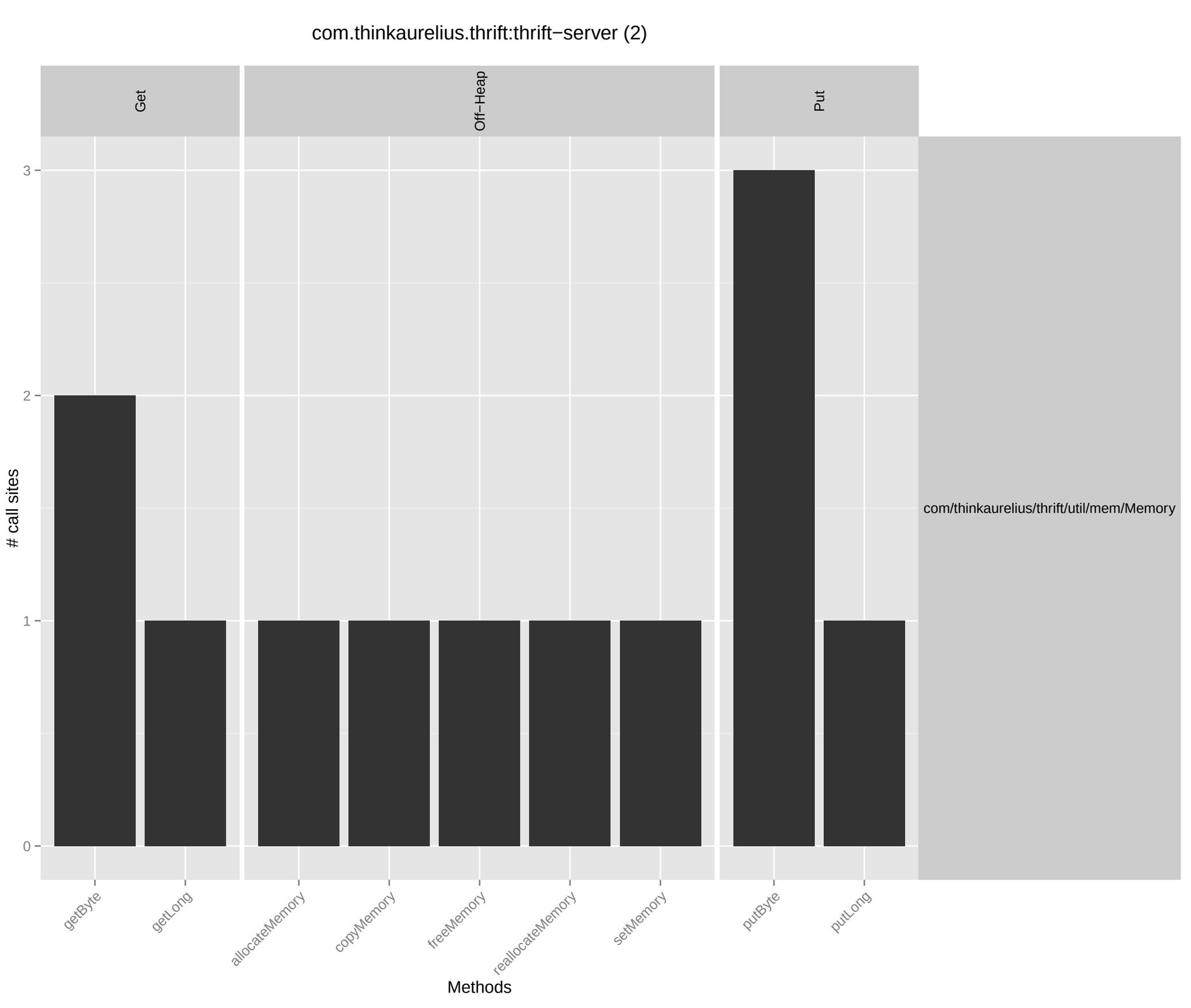

com.sandinh:spray−can (2)
CAS
Get Volatile
Offset
spray/can/server/ResponseReceiverRef
spray/can/server/ResponseReceiverRef$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
Methods

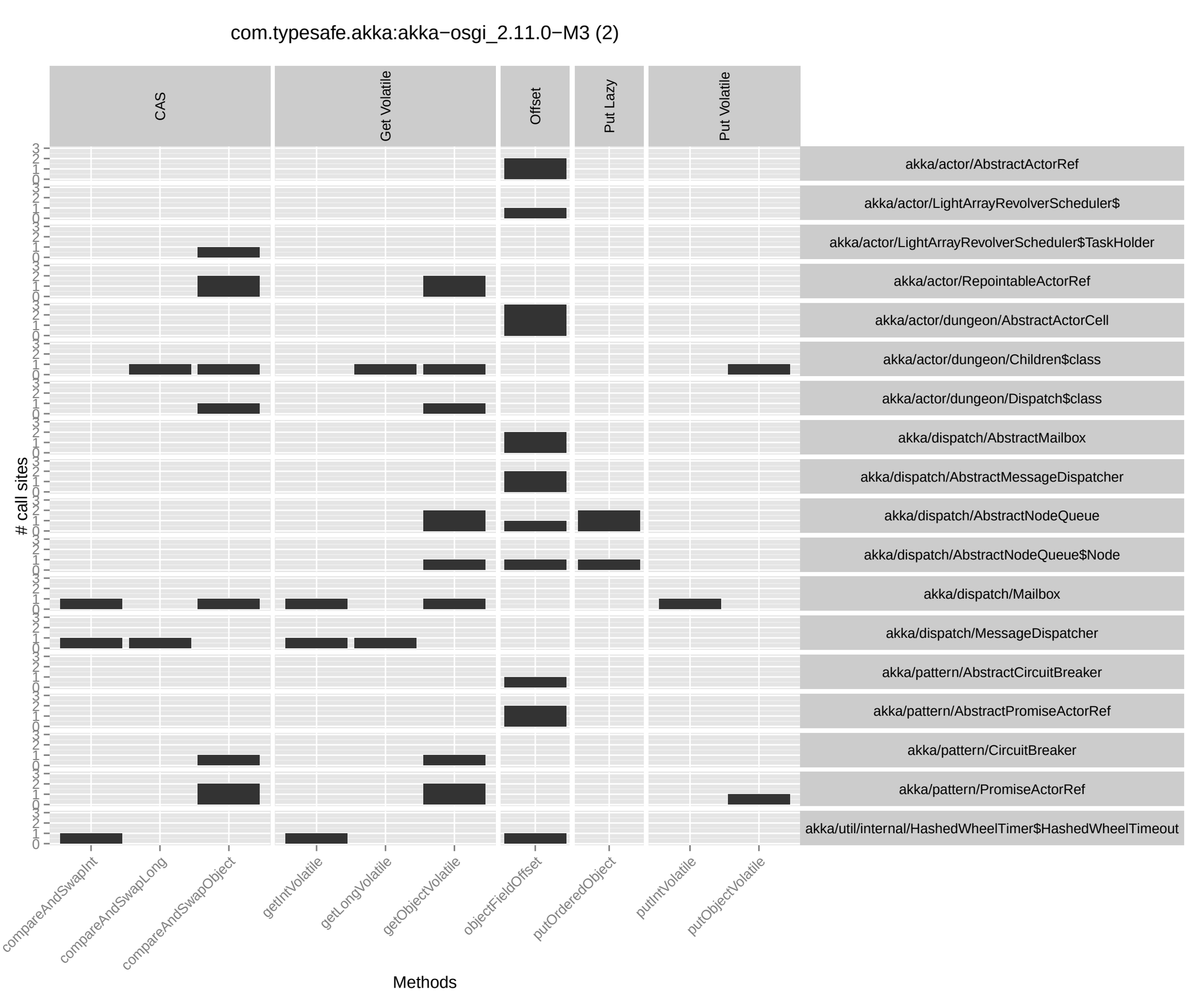

com.seitenbau.testing:sb−junitrecorder−core (2)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
com/seitenbau/testing/shared/helper/ReflectionHelper
throwException
Methods

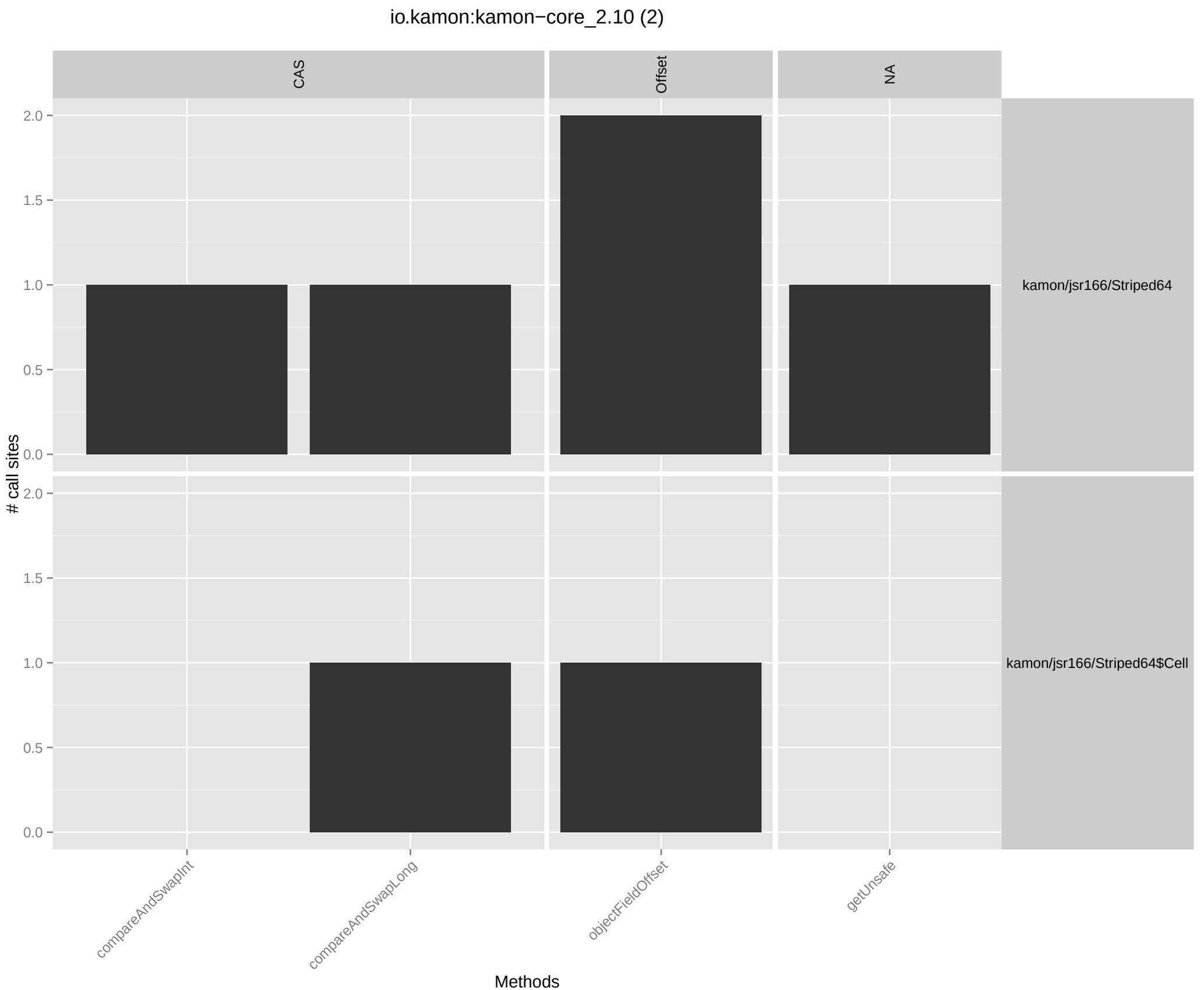

com.snappydb:snappydb−api (2)
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtil
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

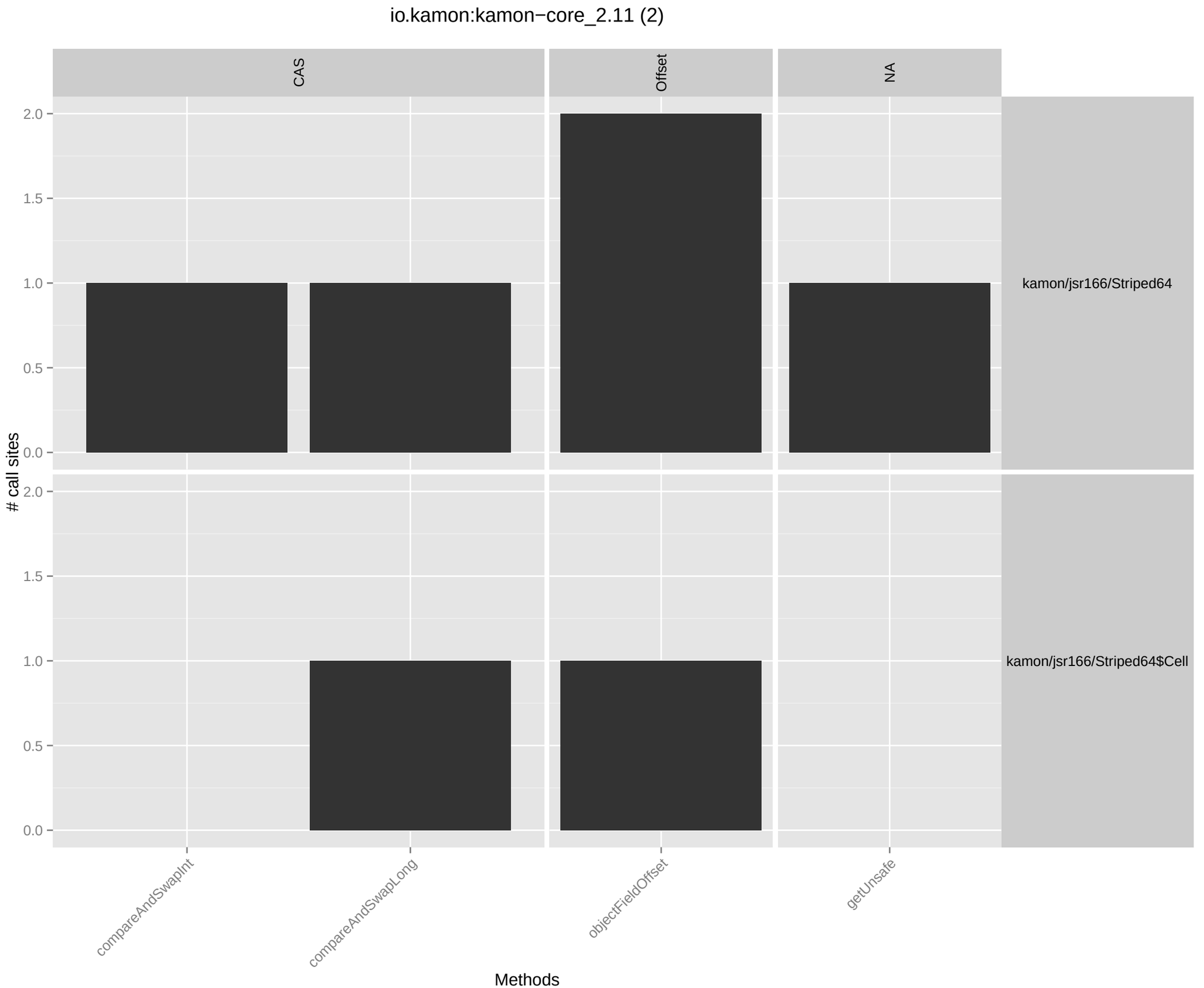

com.stratio.cassandra:cassandra−all (2)
Alloc
Array
Get
Off−Heap
Offset
Put
org/apache/cassandra/io/util/Memory
org/apache/cassandra/io/util/NativeAllocator
org/apache/cassandra/utils/FastByteOperations$UnsafeOperations
org/apache/cassandra/utils/memory/MemoryUtil
org/apache/cassandra/utils/memory/NativeAllocator
call sites
0
10
20
30
allocateInstance
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
putByte
putInt
putLong
putShort
Methods

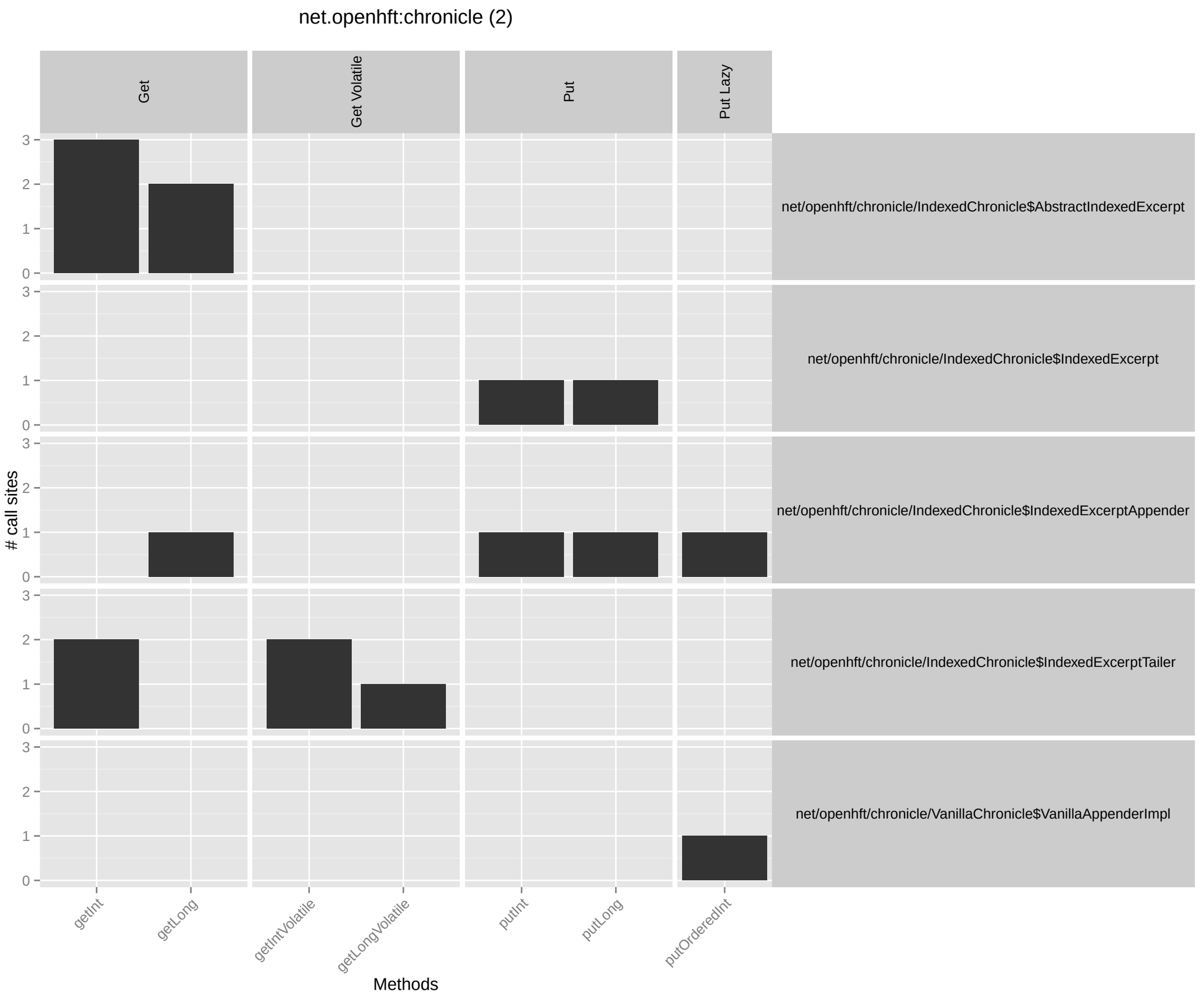

com.sun.grizzly:grizzly−cometd−webserver (2)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

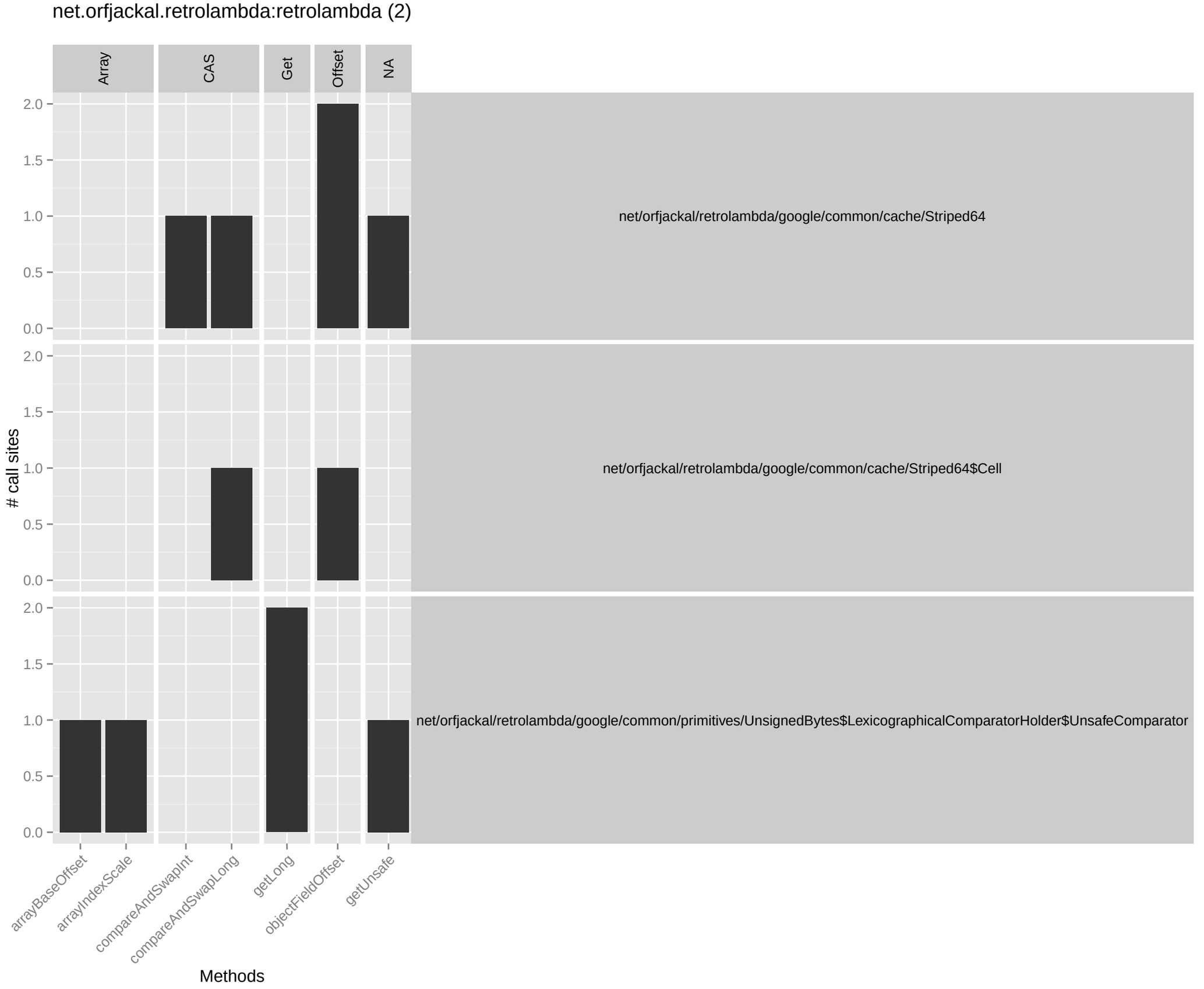

com.thinkaurelius.thrift:thrift−server (2)
Get
Off−Heap
Put
com/thinkaurelius/thrift/util/mem/Memory
call sites
0
1
2
3
getByte
getLong
allocateMemory
copyMemory
freeMemory
reallocateMemory
setMemory
putByte
putLong
Methods

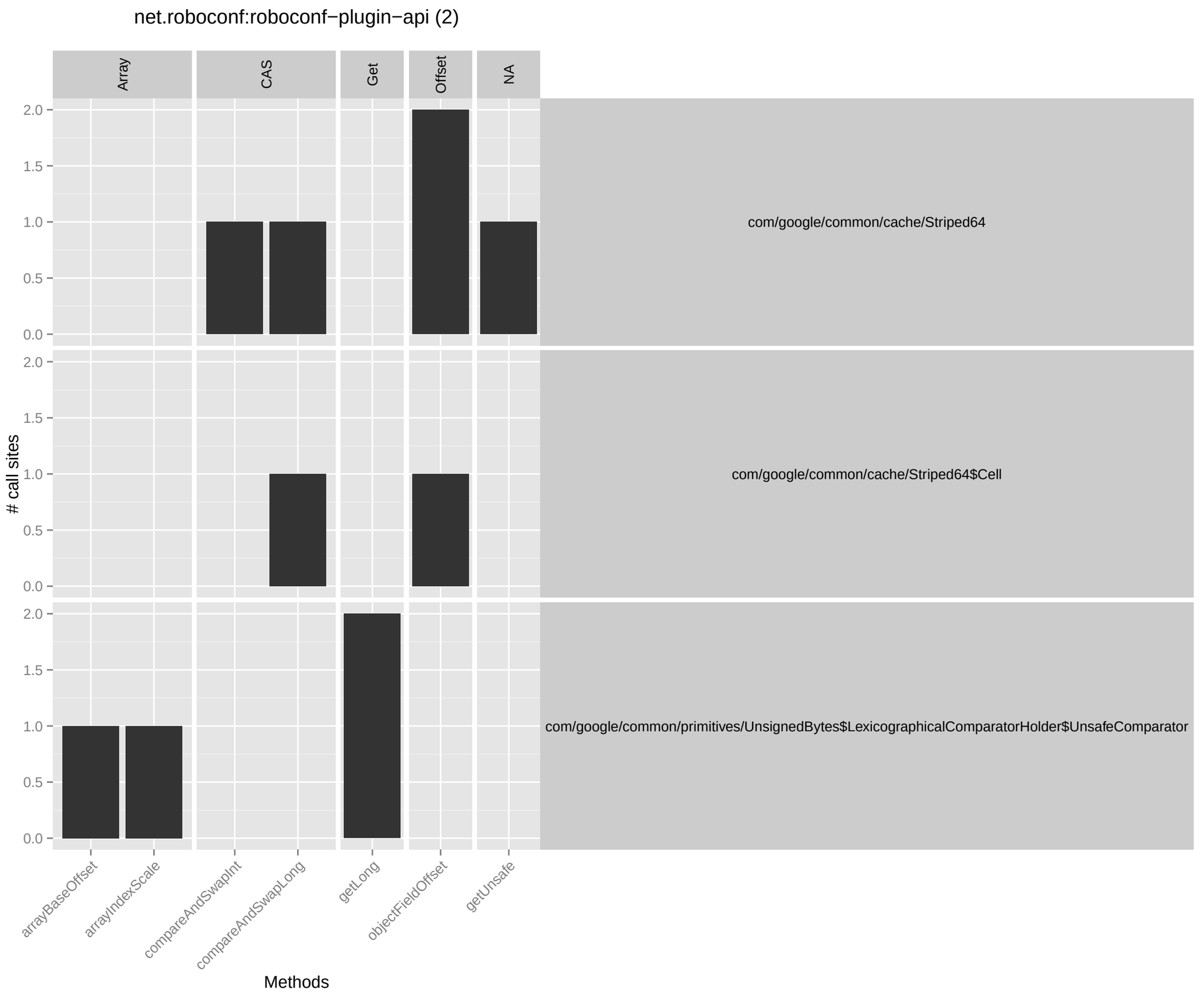

com.typesafe.akka:akka−osgi_2.11.0−M3 (2)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

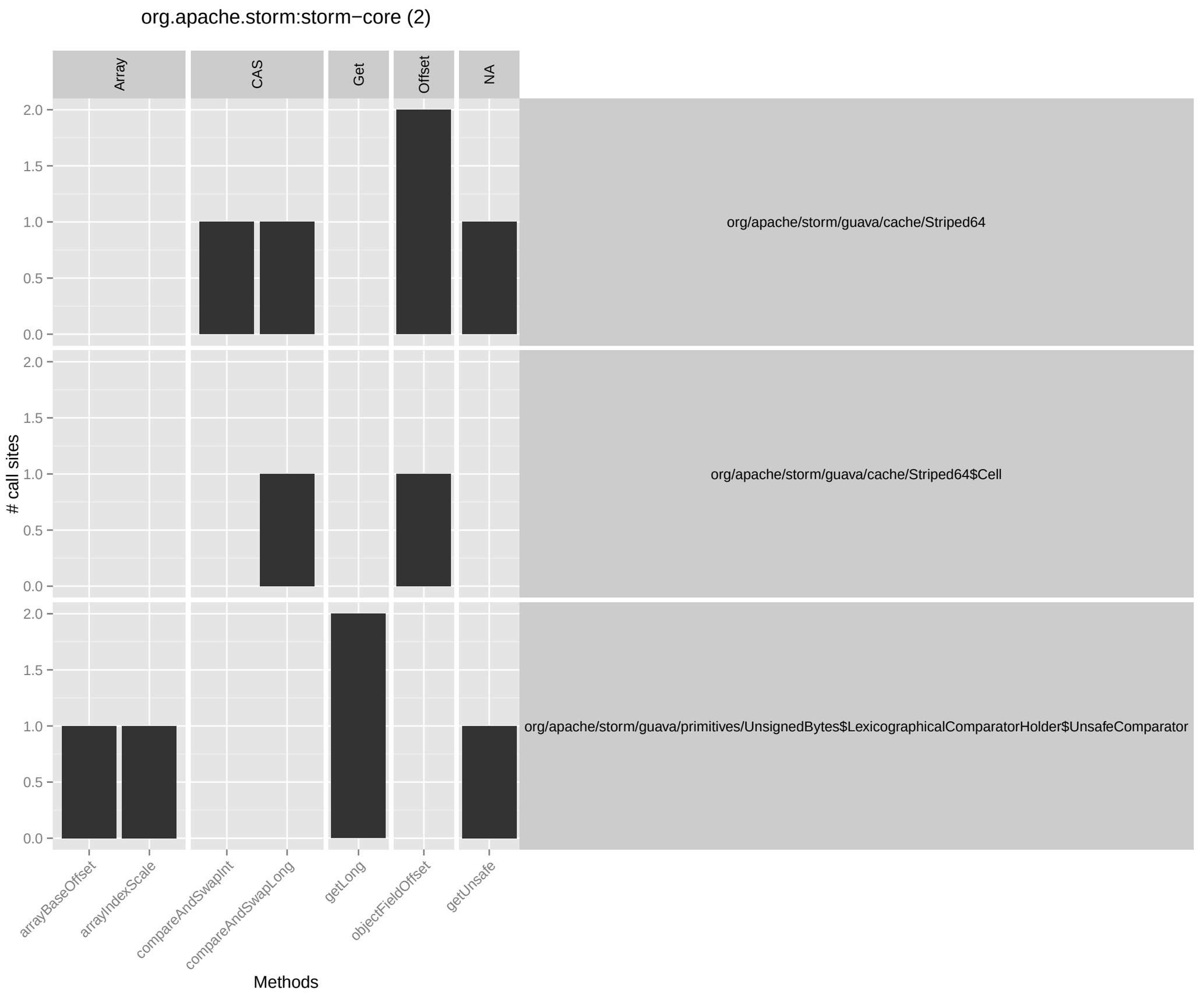

io.kamon:kamon−core_2.10 (2)
CAS
Offset
NA
kamon/jsr166/Striped64
kamon/jsr166/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

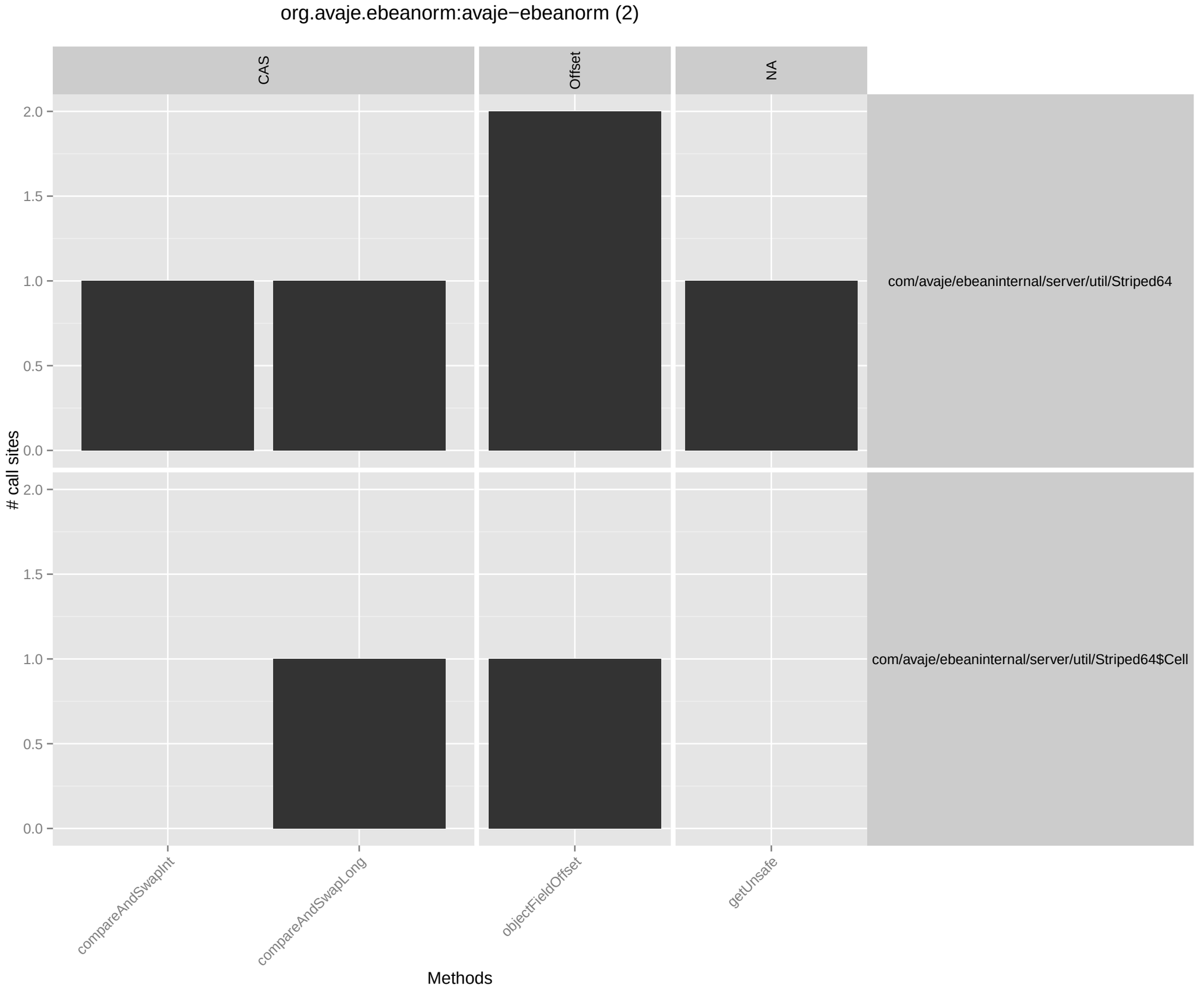

io.kamon:kamon−core_2.11 (2)
CAS
Offset
NA
kamon/jsr166/Striped64
kamon/jsr166/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

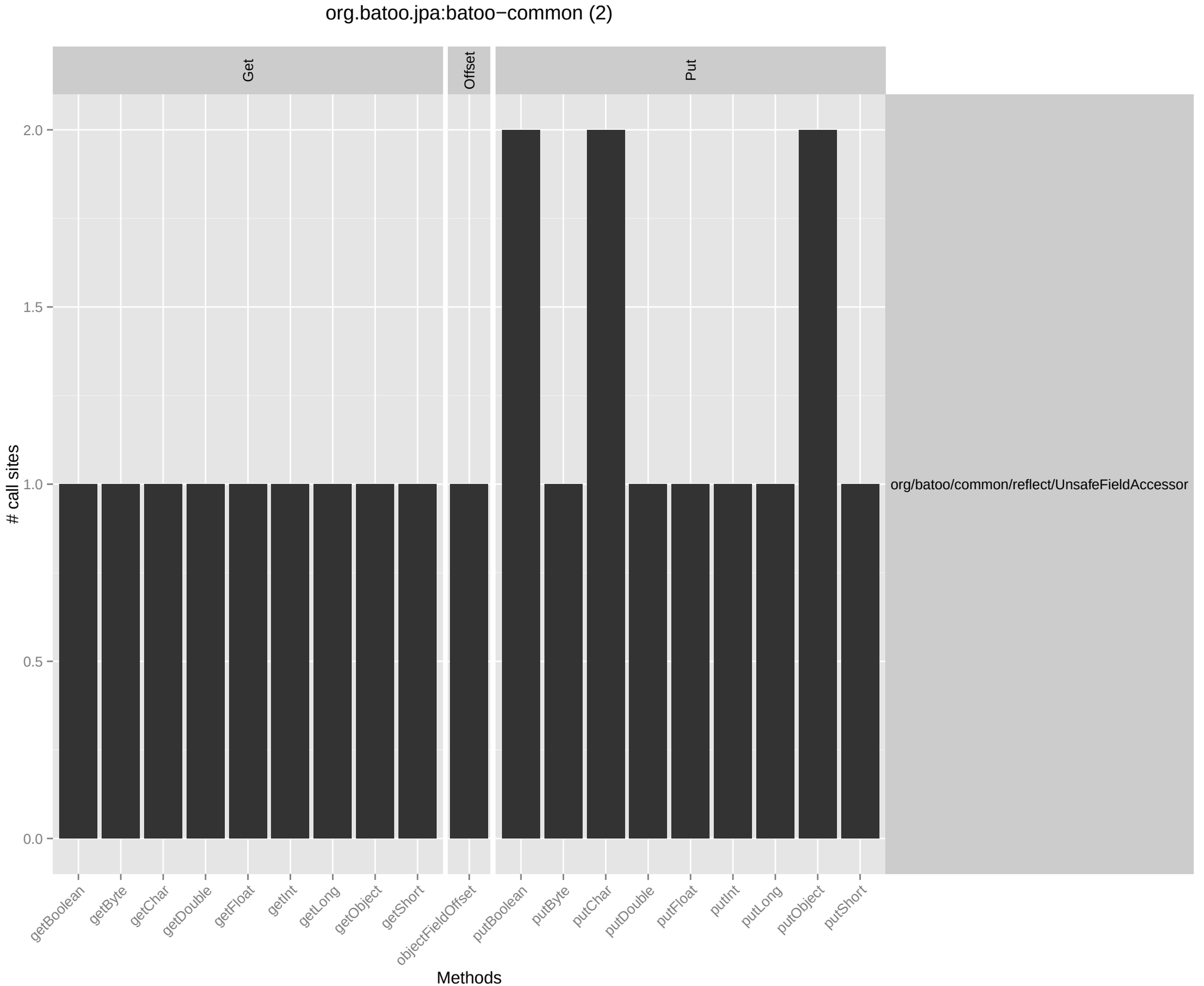

net.openhft:chronicle (2)
Get
Get Volatile
Put
Put Lazy
net/openhft/chronicle/IndexedChronicle$AbstractIndexedExcerpt
net/openhft/chronicle/IndexedChronicle$IndexedExcerpt
net/openhft/chronicle/IndexedChronicle$IndexedExcerptAppender
net/openhft/chronicle/IndexedChronicle$IndexedExcerptTailer
net/openhft/chronicle/VanillaChronicle$VanillaAppenderImpl
call sites
0
1
2
3
getInt
getLong
getIntVolatile
getLongVolatile
putInt
putLong
putOrderedInt
Methods

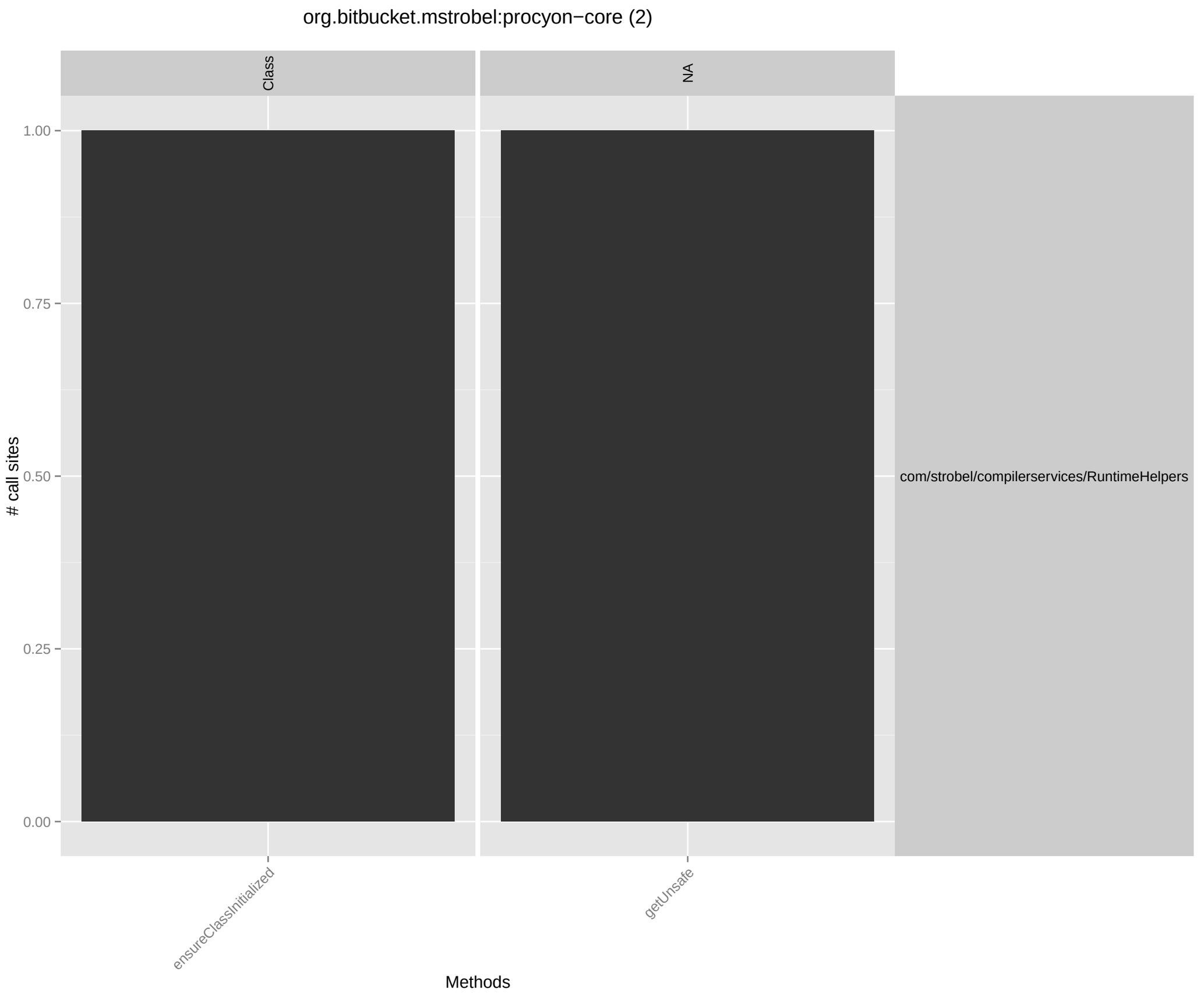

net.orfjackal.retrolambda:retrolambda (2)
Array
CAS
Get
Offset
NA
net/orfjackal/retrolambda/google/common/cache/Striped64
net/orfjackal/retrolambda/google/common/cache/Striped64$Cell
net/orfjackal/retrolambda/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

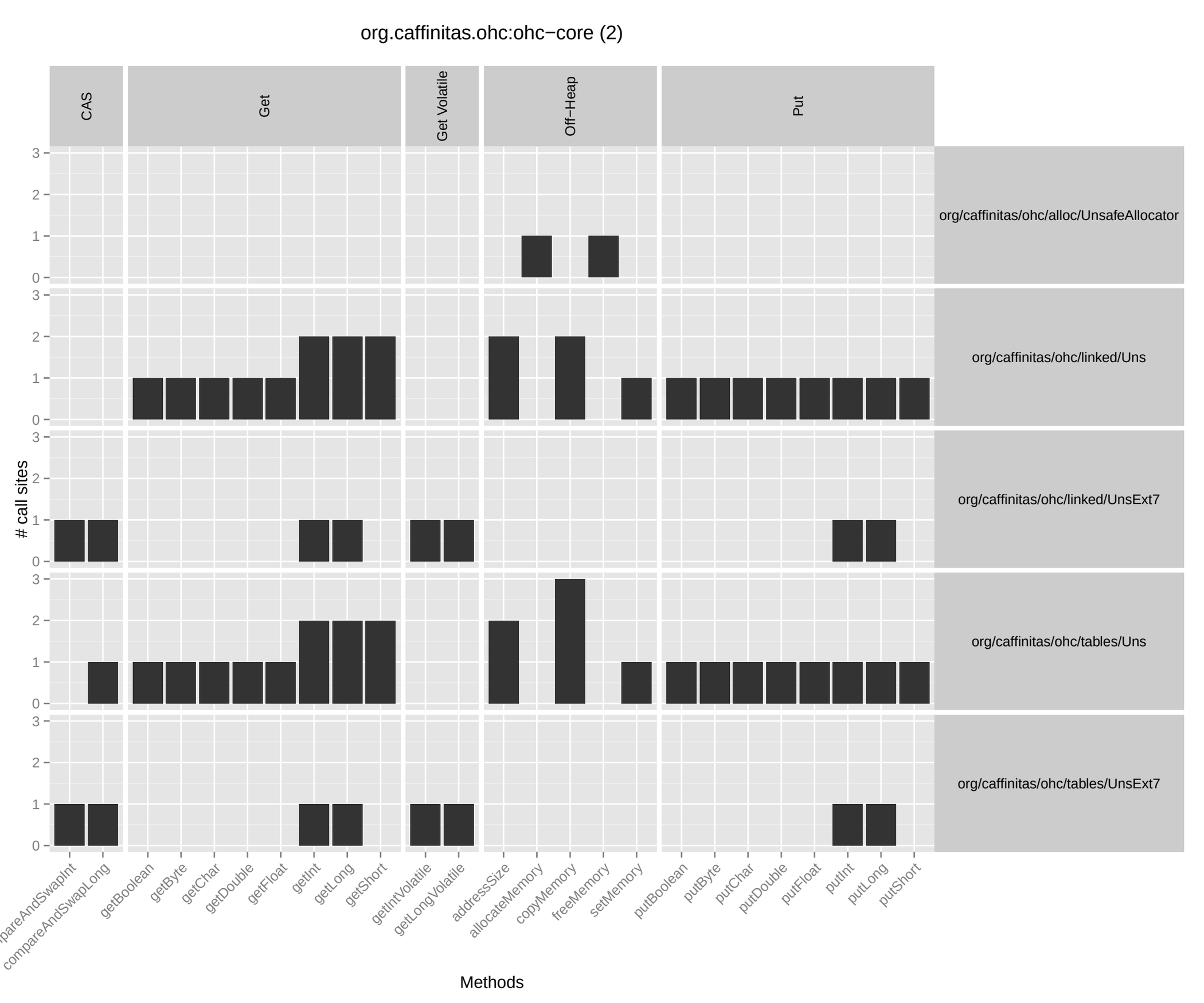

net.roboconf:roboconf−plugin−api (2)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

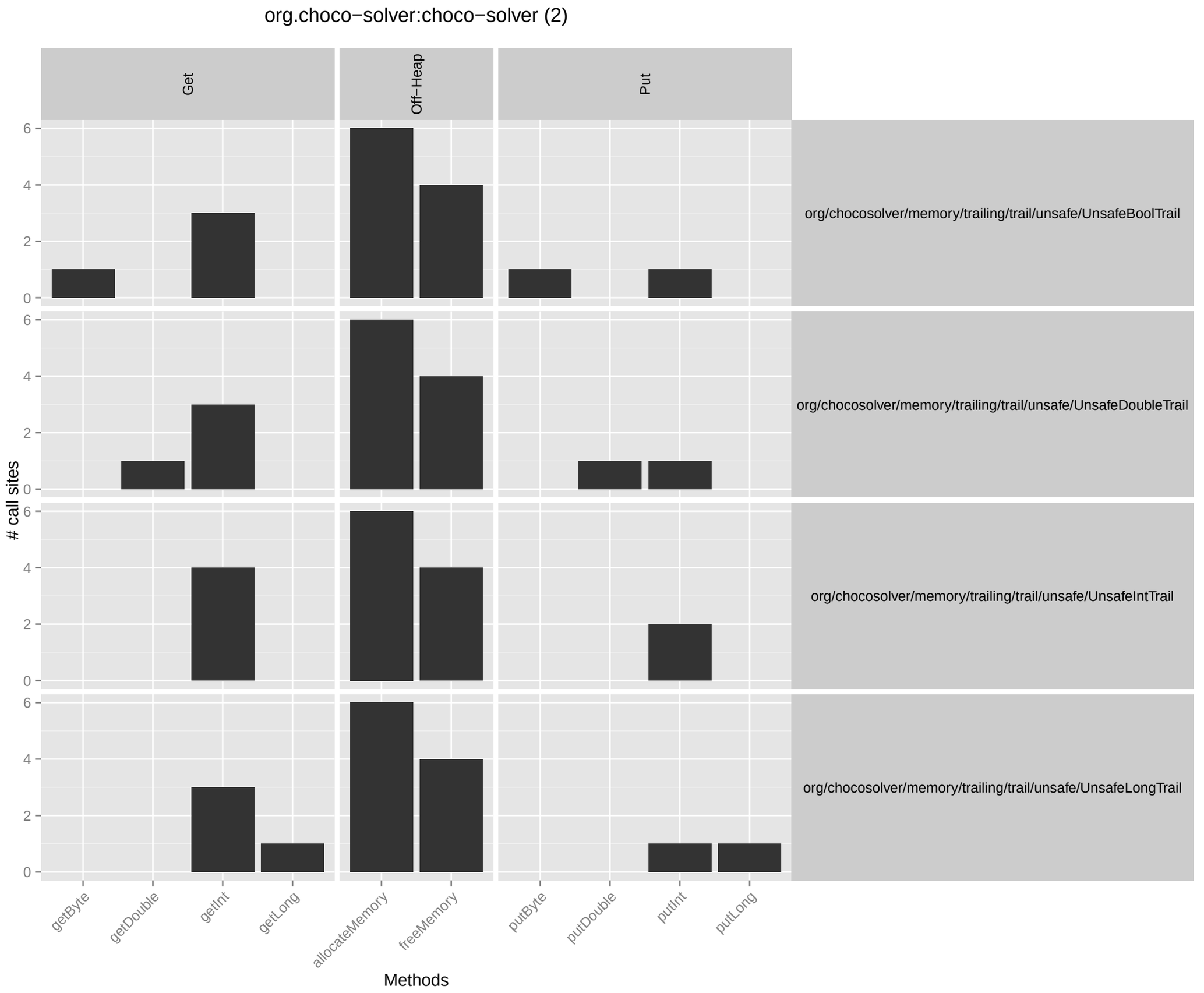

org.apache.storm:storm−core (2)
Array
CAS
Get
Offset
NA
org/apache/storm/guava/cache/Striped64
org/apache/storm/guava/cache/Striped64$Cell
org/apache/storm/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

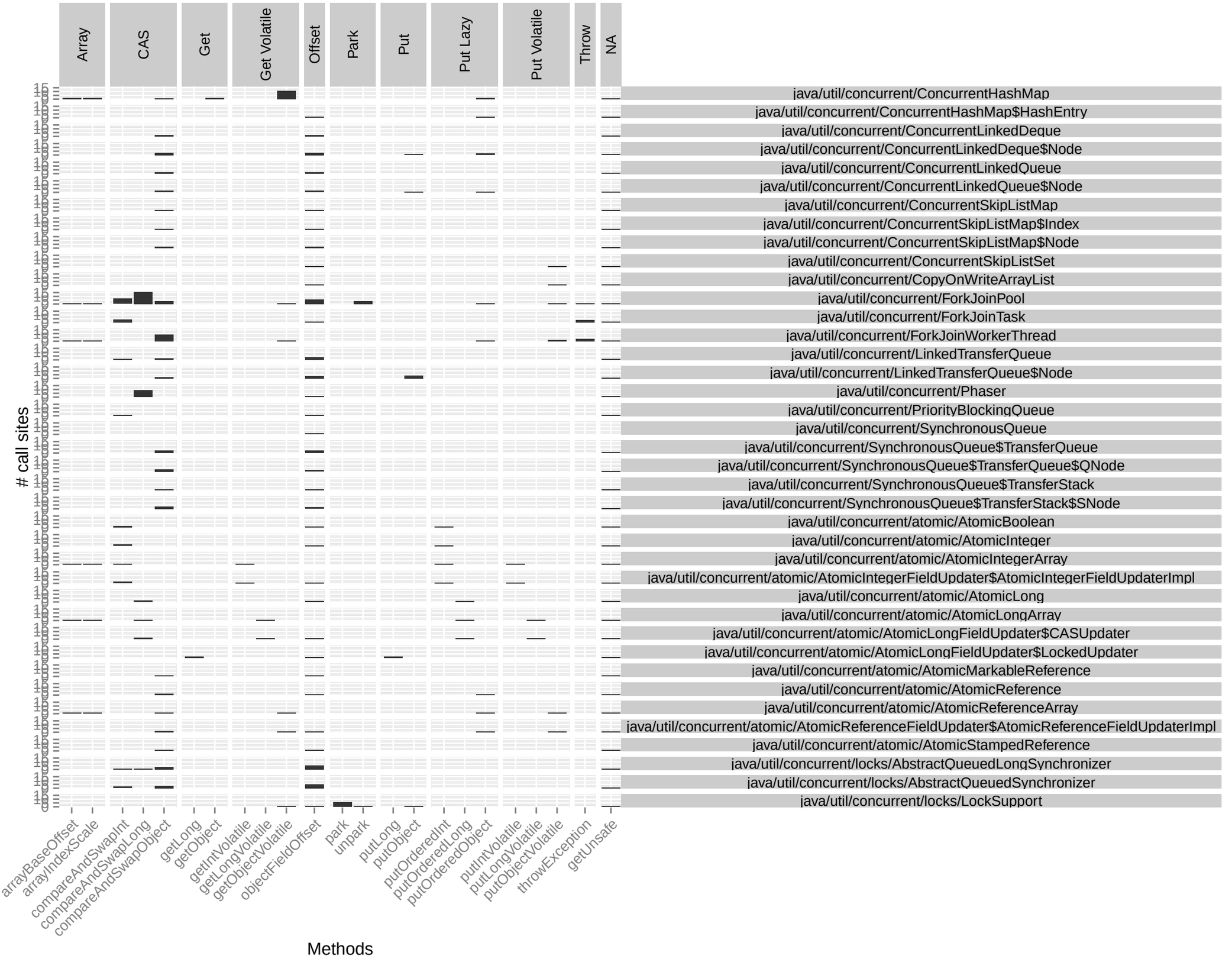

org.avaje.ebeanorm:avaje−ebeanorm (2)
CAS
Offset
NA
com/avaje/ebeaninternal/server/util/Striped64
com/avaje/ebeaninternal/server/util/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

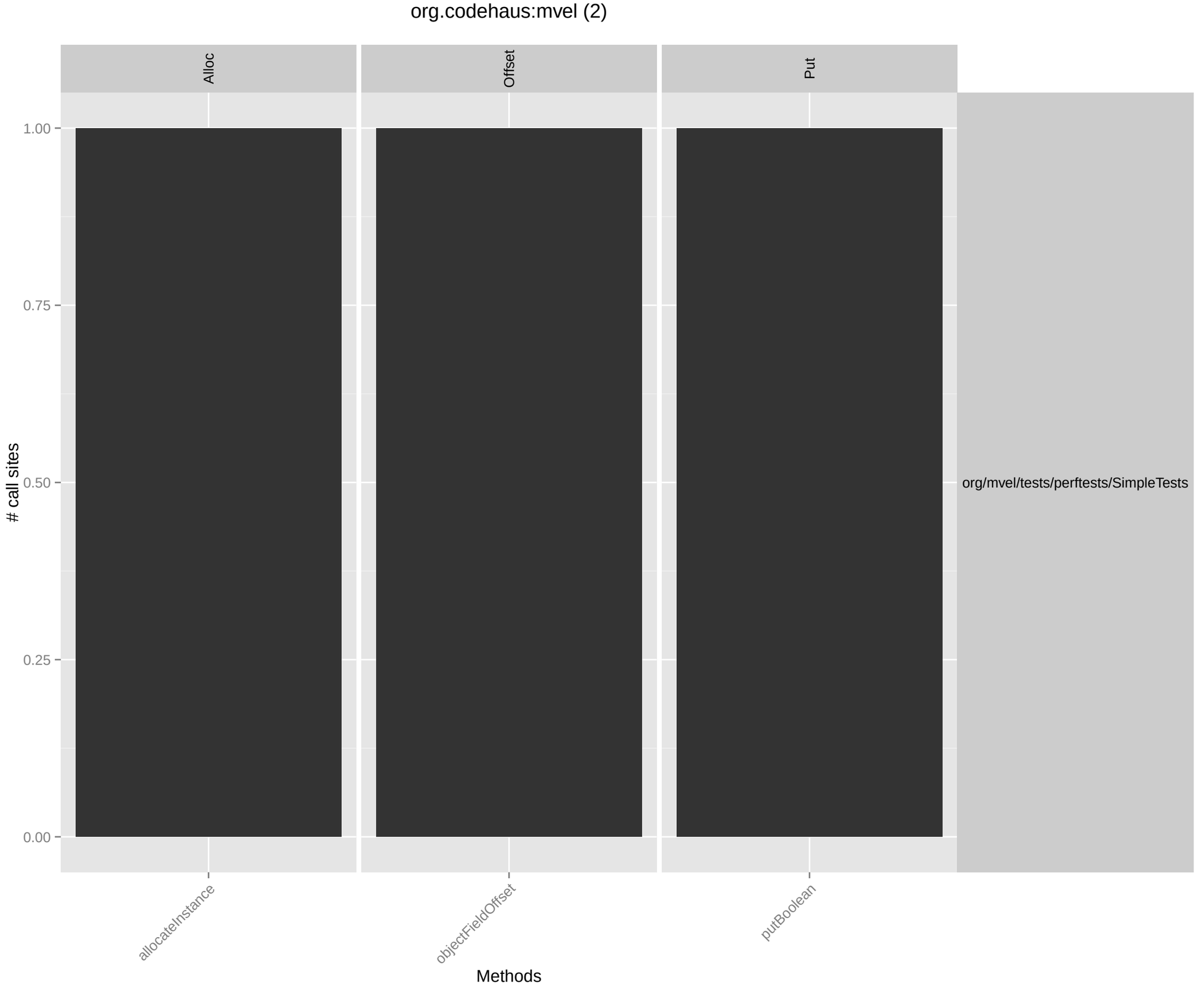

org.batoo.jpa:batoo−common (2)
Get
Offset
Put
org/batoo/common/reflect/UnsafeFieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

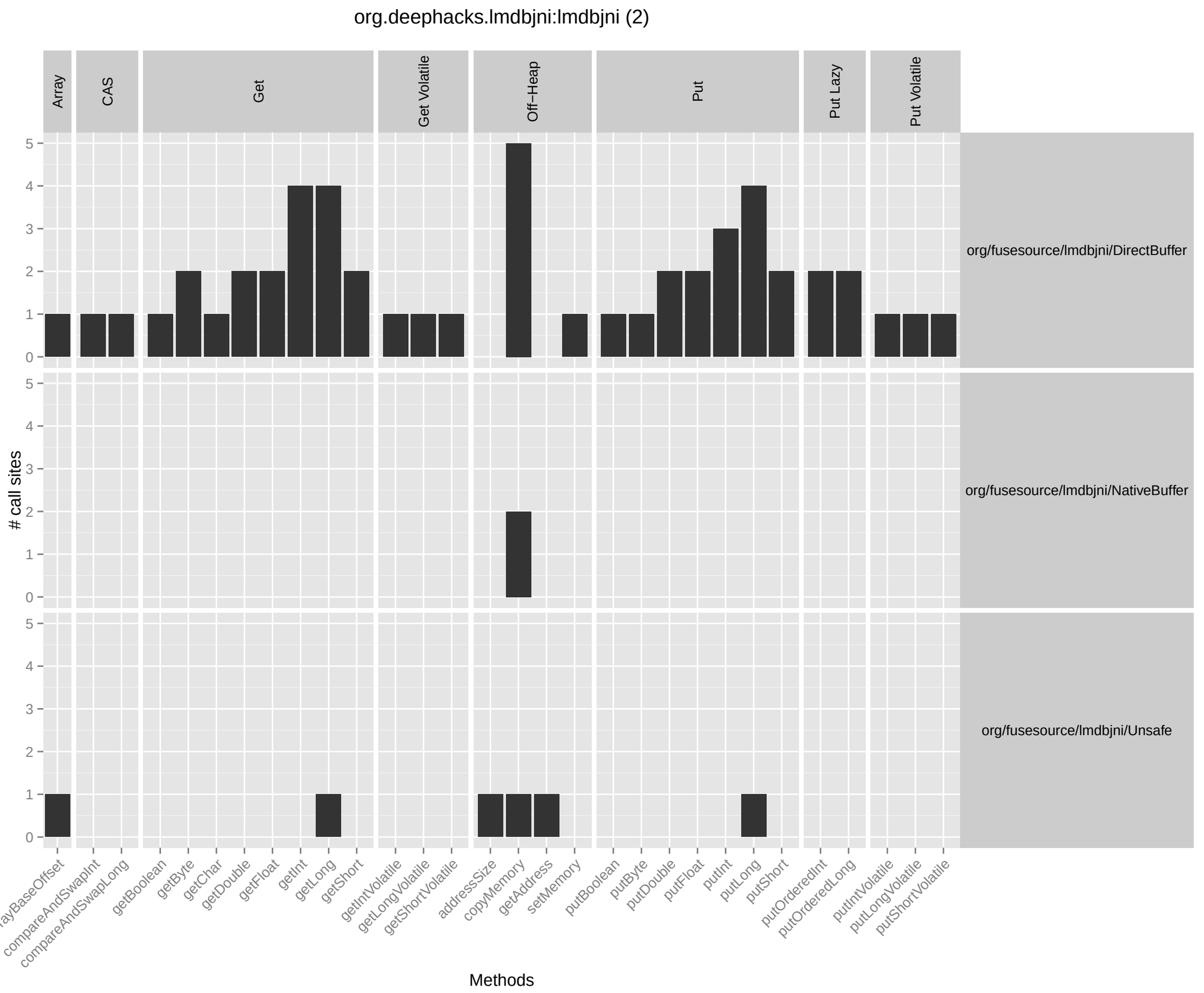

org.bitbucket.mstrobel:procyon−core (2)
Class
NA
com/strobel/compilerservices/RuntimeHelpers
call sites
1.00
0.75
0.50
0.25
0.00
ensureClassInitialized
getUnsafe
Methods

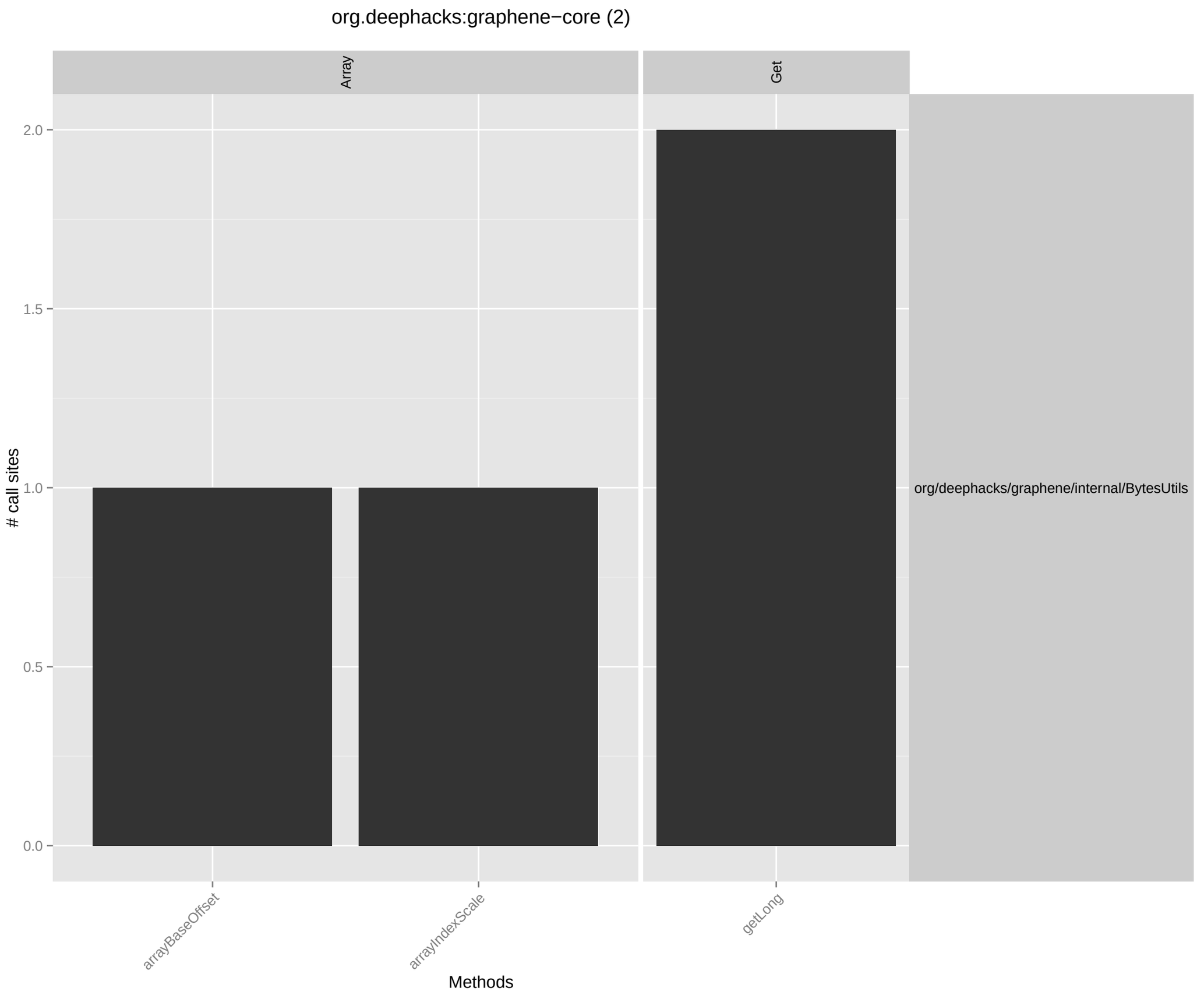

org.caffinitas.ohc:ohc−core (2)
CAS
Get
Get Volatile
Off−Heap
Put
org/caffinitas/ohc/alloc/UnsafeAllocator
org/caffinitas/ohc/linked/Uns
org/caffinitas/ohc/linked/UnsExt7
org/caffinitas/ohc/tables/Uns
org/caffinitas/ohc/tables/UnsExt7
call sites
0
1
2
3
pareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

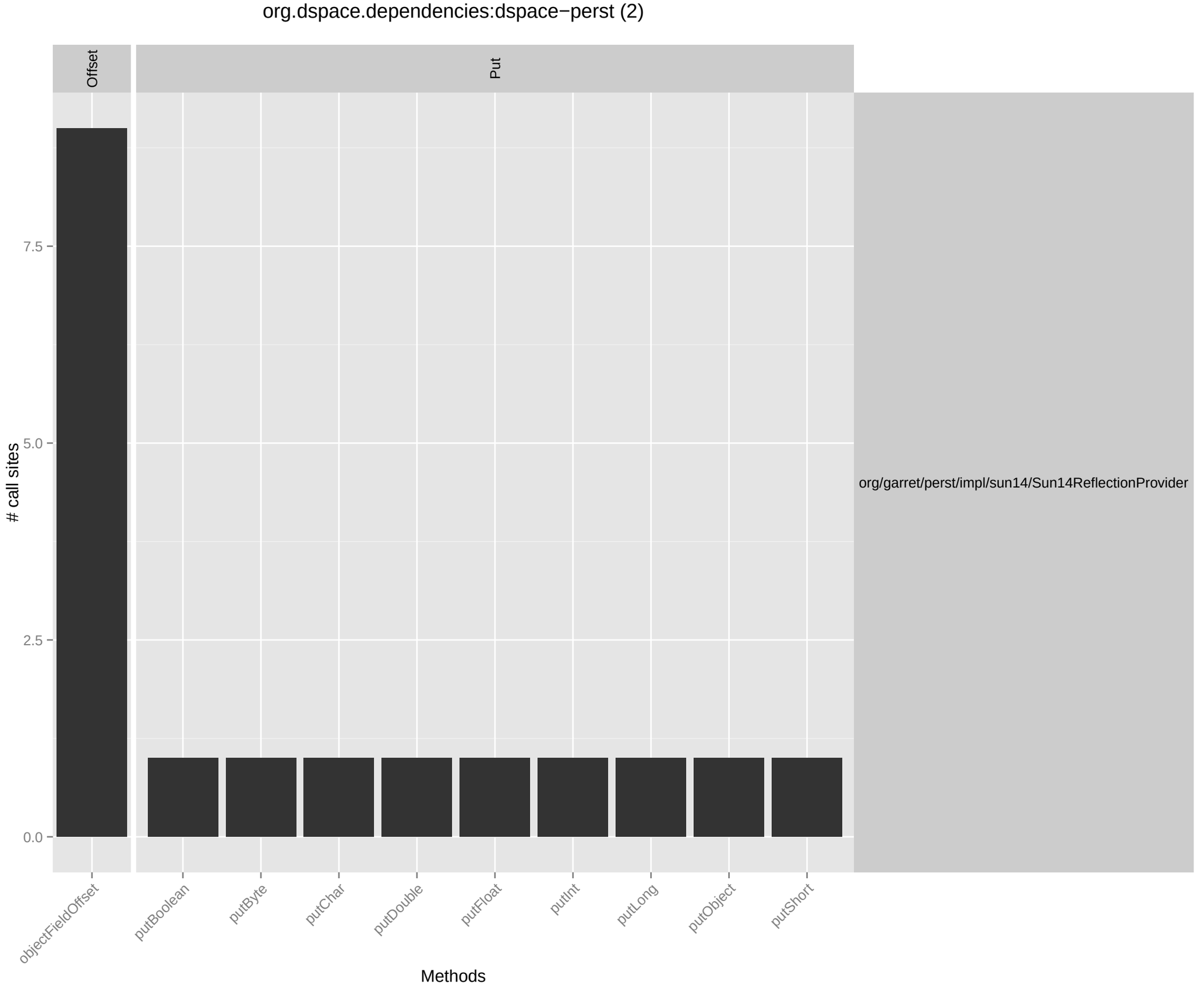

org.choco−solver:choco−solver (2)
Get
Off−Heap
Put
org/chocosolver/memory/trailing/trail/unsafe/UnsafeBoolTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeDoubleTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeIntTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeLongTrail
call sites
0
2
4
6
getByte
getDouble
getInt
getLong
allocateMemory
freeMemory
putByte
putDouble
putInt
putLong
Methods

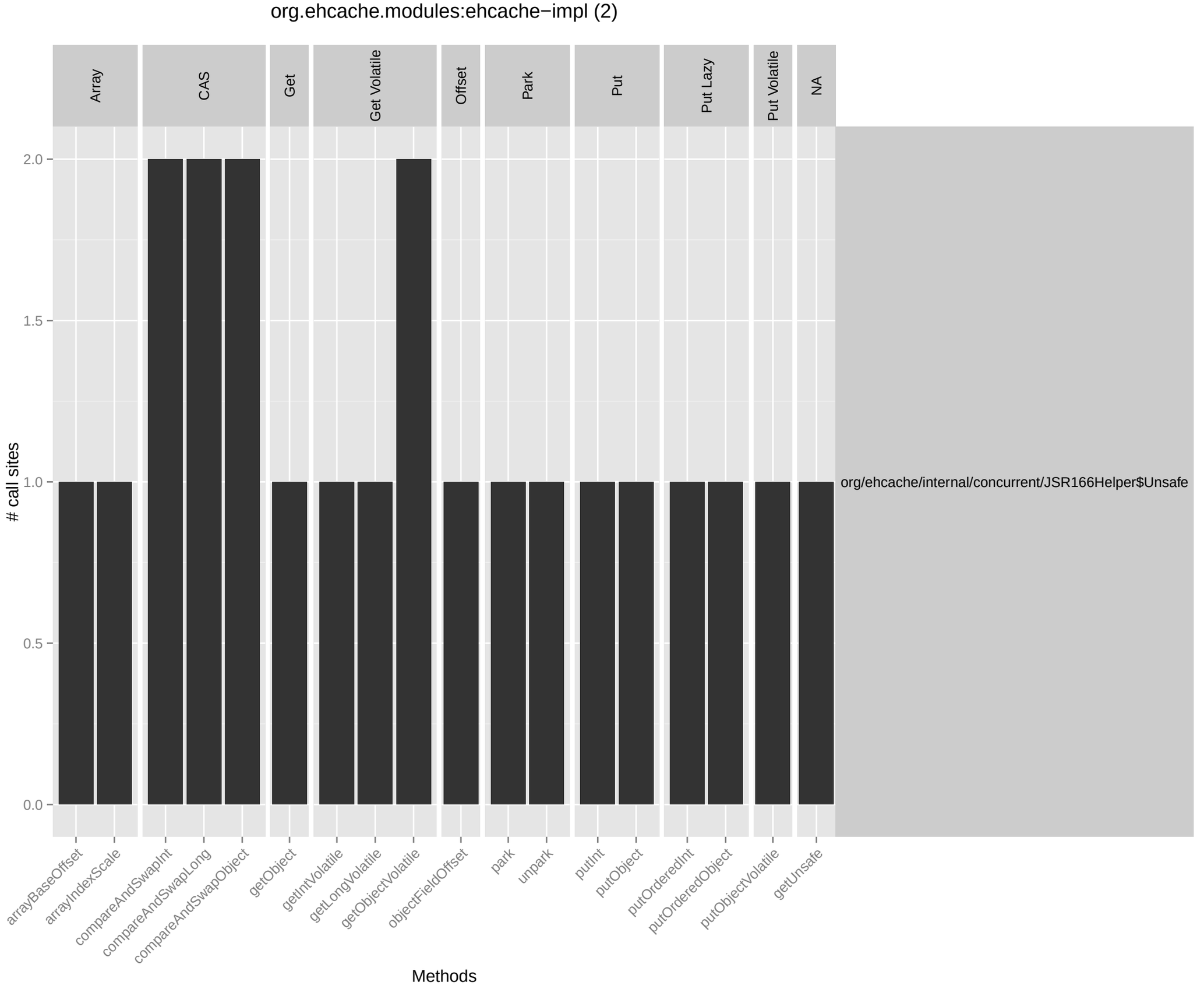

org.codehaus.jsr166−mirror:jsr166 (2)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
java/util/concurrent/ConcurrentHashMap
java/util/concurrent/ConcurrentHashMap$HashEntry
java/util/concurrent/ConcurrentLinkedDeque
java/util/concurrent/ConcurrentLinkedDeque$Node
java/util/concurrent/ConcurrentLinkedQueue
java/util/concurrent/ConcurrentLinkedQueue$Node
java/util/concurrent/ConcurrentSkipListMap
java/util/concurrent/ConcurrentSkipListMap$Index
java/util/concurrent/ConcurrentSkipListMap$Node
java/util/concurrent/ConcurrentSkipListSet
java/util/concurrent/CopyOnWriteArrayList
java/util/concurrent/ForkJoinPool
java/util/concurrent/ForkJoinTask
java/util/concurrent/ForkJoinWorkerThread
java/util/concurrent/LinkedTransferQueue
java/util/concurrent/LinkedTransferQueue$Node
java/util/concurrent/Phaser
java/util/concurrent/PriorityBlockingQueue
java/util/concurrent/SynchronousQueue
java/util/concurrent/SynchronousQueue$TransferQueue
java/util/concurrent/SynchronousQueue$TransferQueue$QNode
java/util/concurrent/SynchronousQueue$TransferStack
java/util/concurrent/SynchronousQueue$TransferStack$SNode
java/util/concurrent/atomic/AtomicBoolean
java/util/concurrent/atomic/AtomicInteger
java/util/concurrent/atomic/AtomicIntegerArray
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
java/util/concurrent/atomic/AtomicLong
java/util/concurrent/atomic/AtomicLongArray
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater
java/util/concurrent/atomic/AtomicMarkableReference
java/util/concurrent/atomic/AtomicReference
java/util/concurrent/atomic/AtomicReferenceArray
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
java/util/concurrent/atomic/AtomicStampedReference
java/util/concurrent/locks/AbstractQueuedLongSynchronizer
java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/LockSupport
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putLong
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

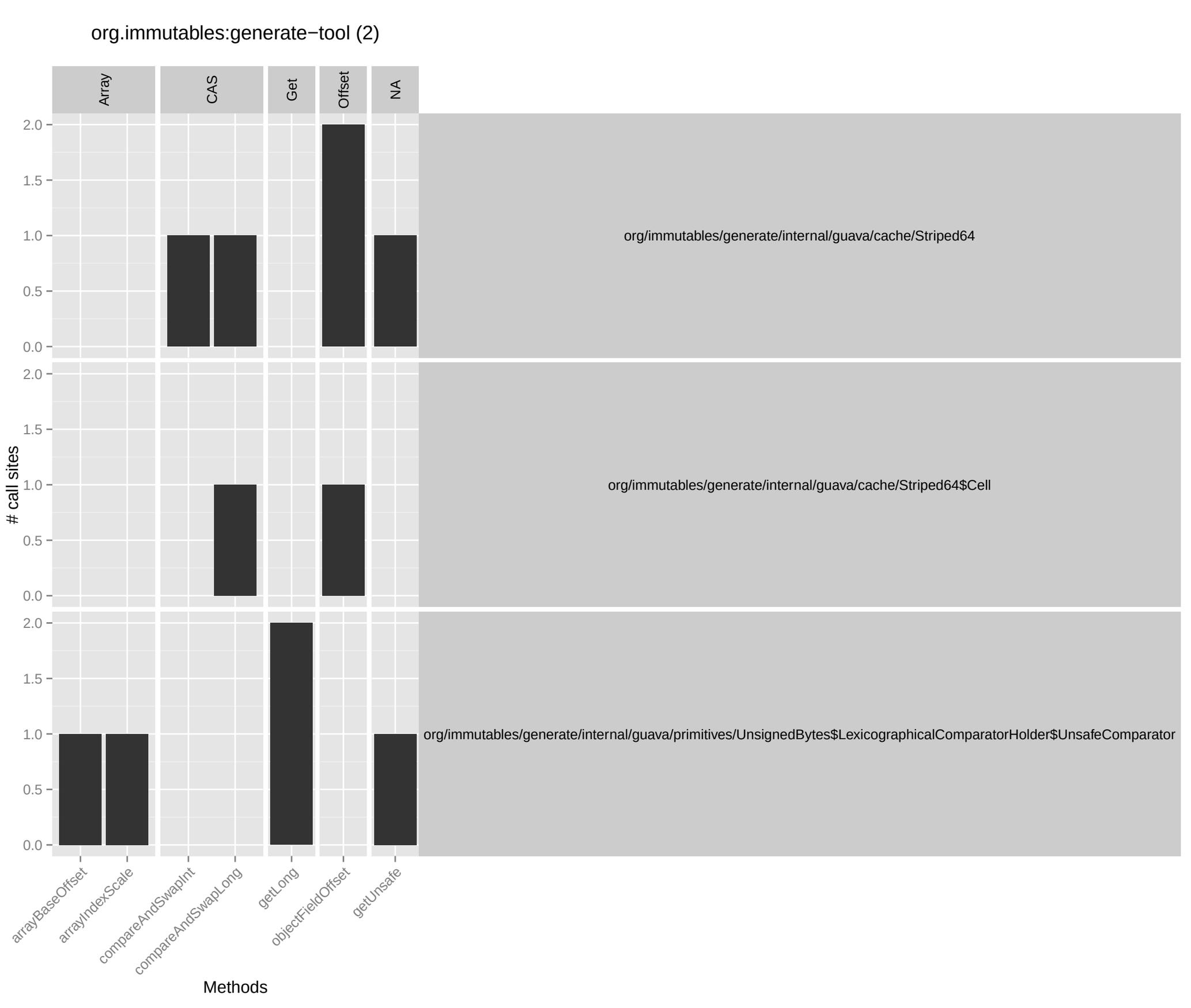

org.codehaus:mvel (2)
Alloc
Offset
Put
org/mvel/tests/perftests/SimpleTests
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
objectFieldOffset
putBoolean
Methods

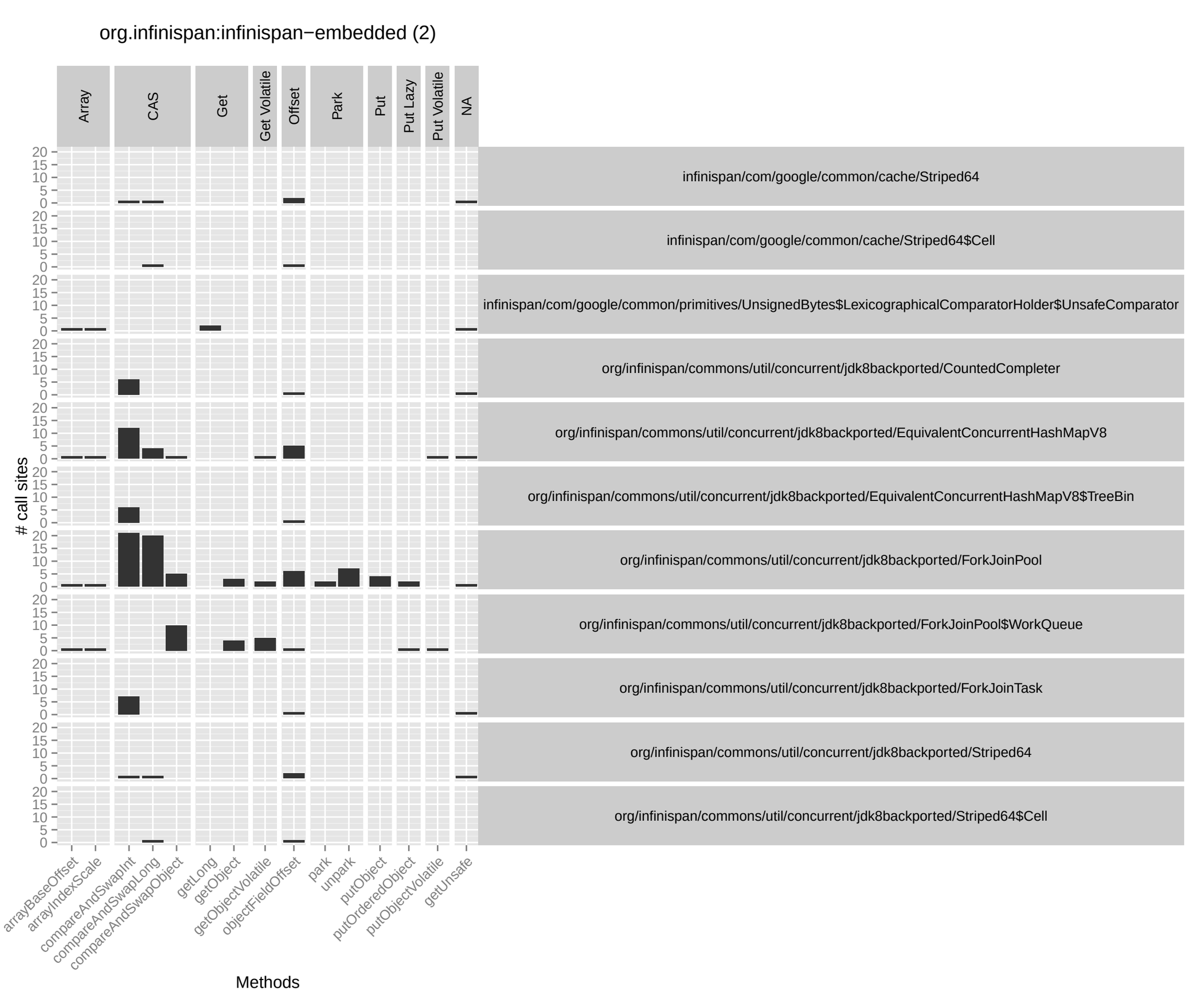

org.deephacks.lmdbjni:lmdbjni (2)
Array
CAS
Get
Get Volatile
Off−Heap
Put
Put Lazy
Put Volatile
org/fusesource/lmdbjni/DirectBuffer
org/fusesource/lmdbjni/NativeBuffer
org/fusesource/lmdbjni/Unsafe
call sites
0
1
2
3
4
5
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
getShortVolatile
addressSize
copyMemory
getAddress
setMemory
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putIntVolatile
putLongVolatile
putShortVolatile
Methods

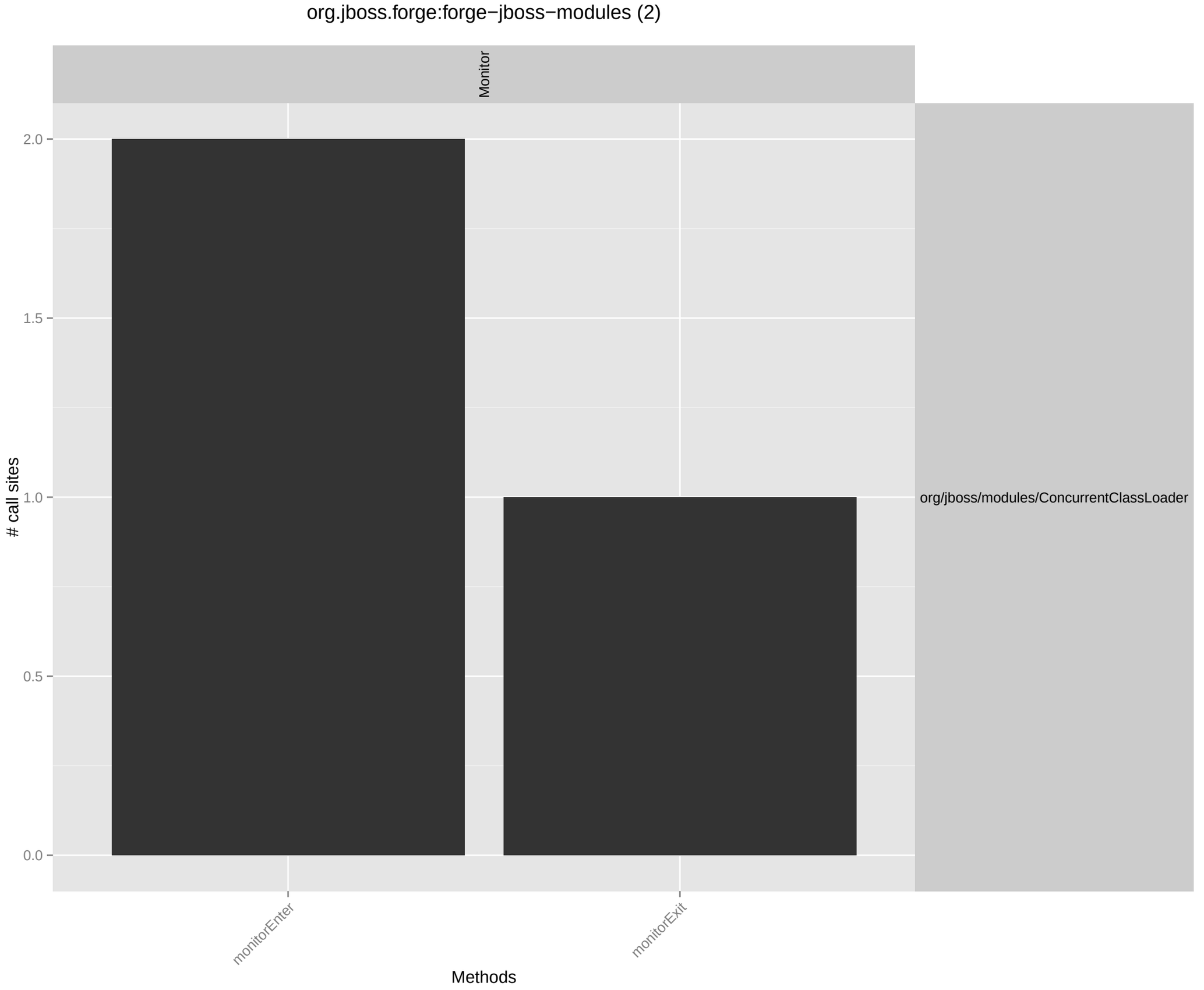

org.deephacks:graphene−core (2)
Array
Get
org/deephacks/graphene/internal/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

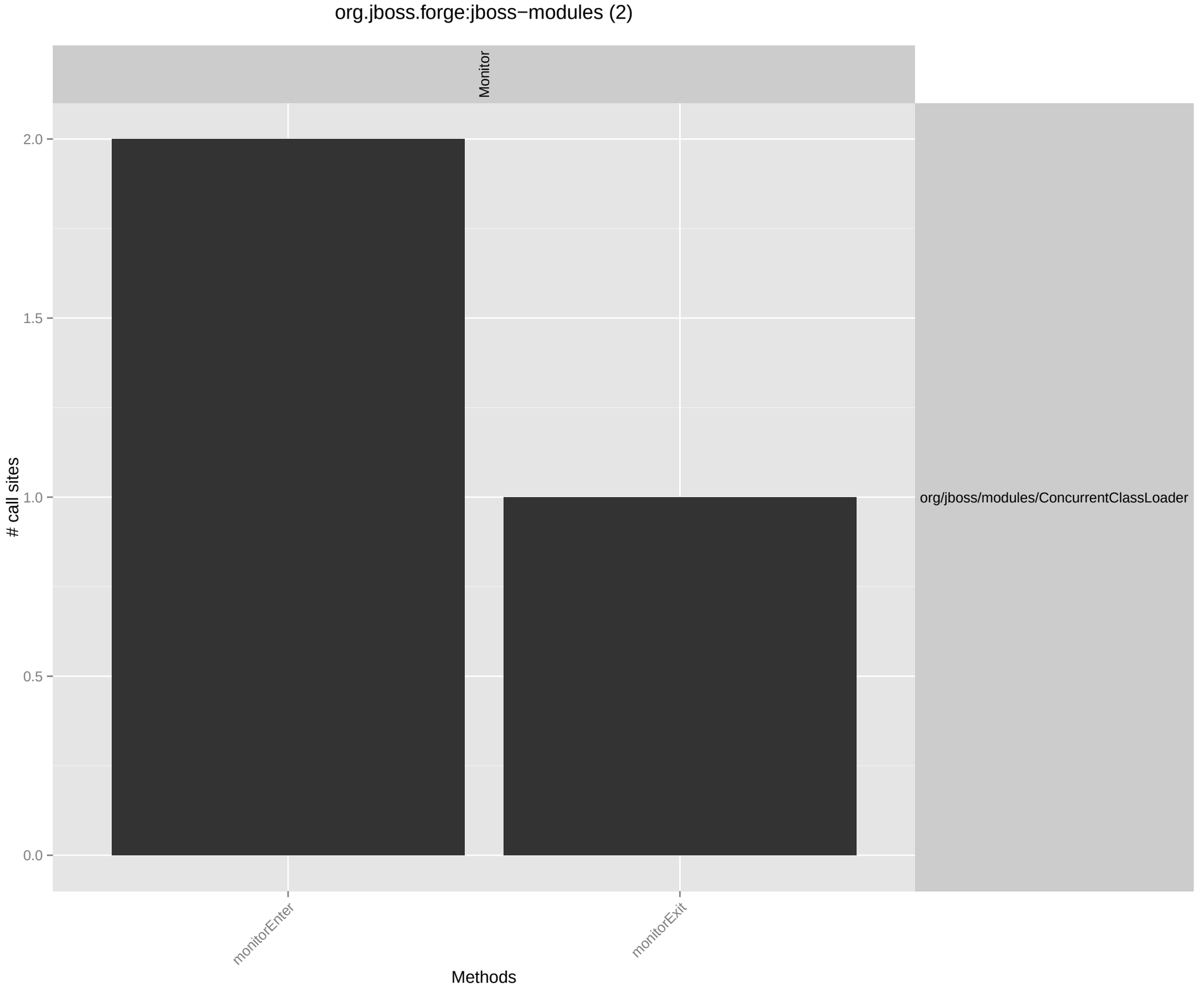

org.dspace.dependencies:dspace−perst (2)
Offset
Put
org/garret/perst/impl/sun14/Sun14ReflectionProvider
call sites
7.5
5.0
2.5
0.0
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

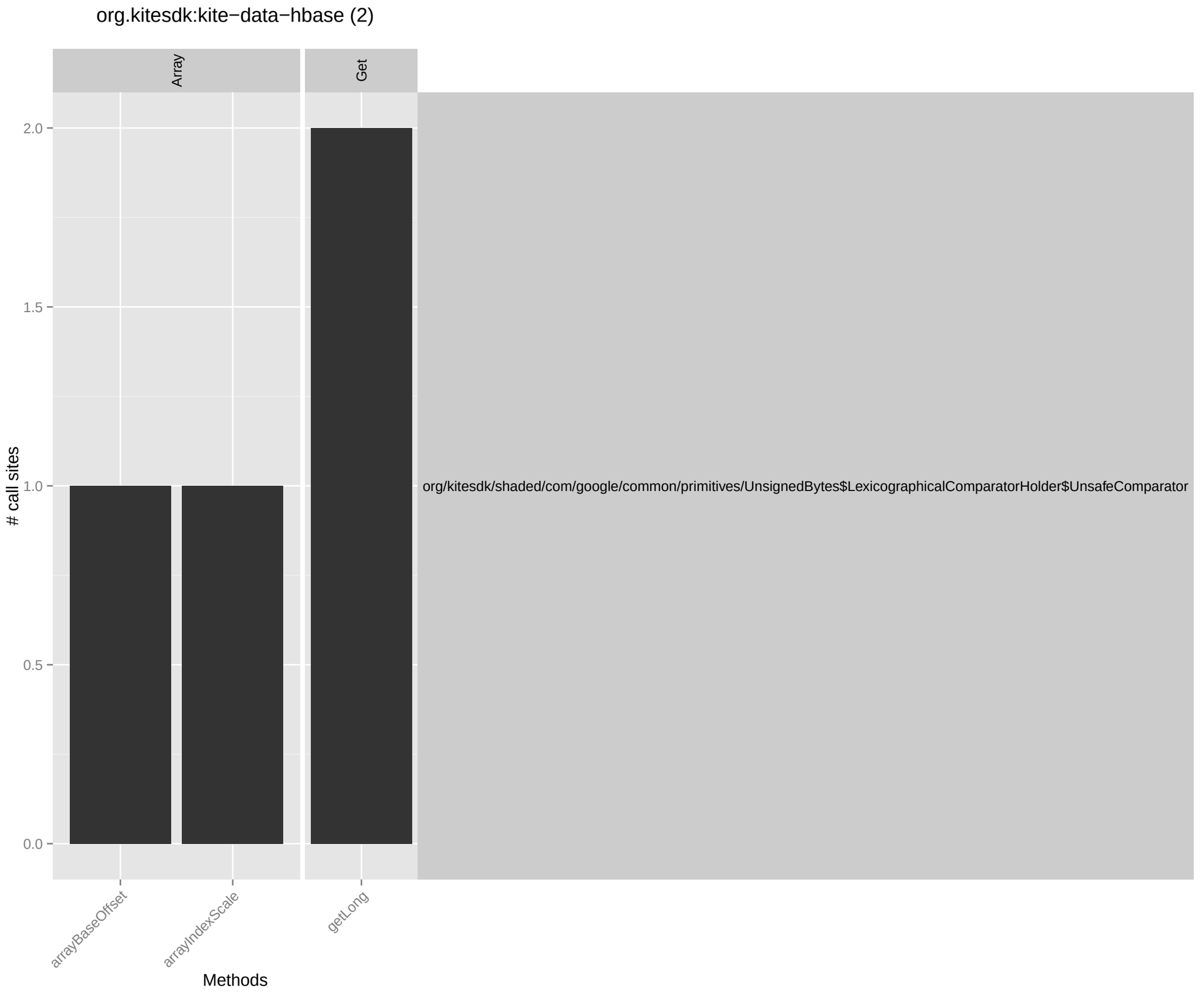

org.ehcache.modules:ehcache−impl (2)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/ehcache/internal/concurrent/JSR166Helper$Unsafe
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putInt
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

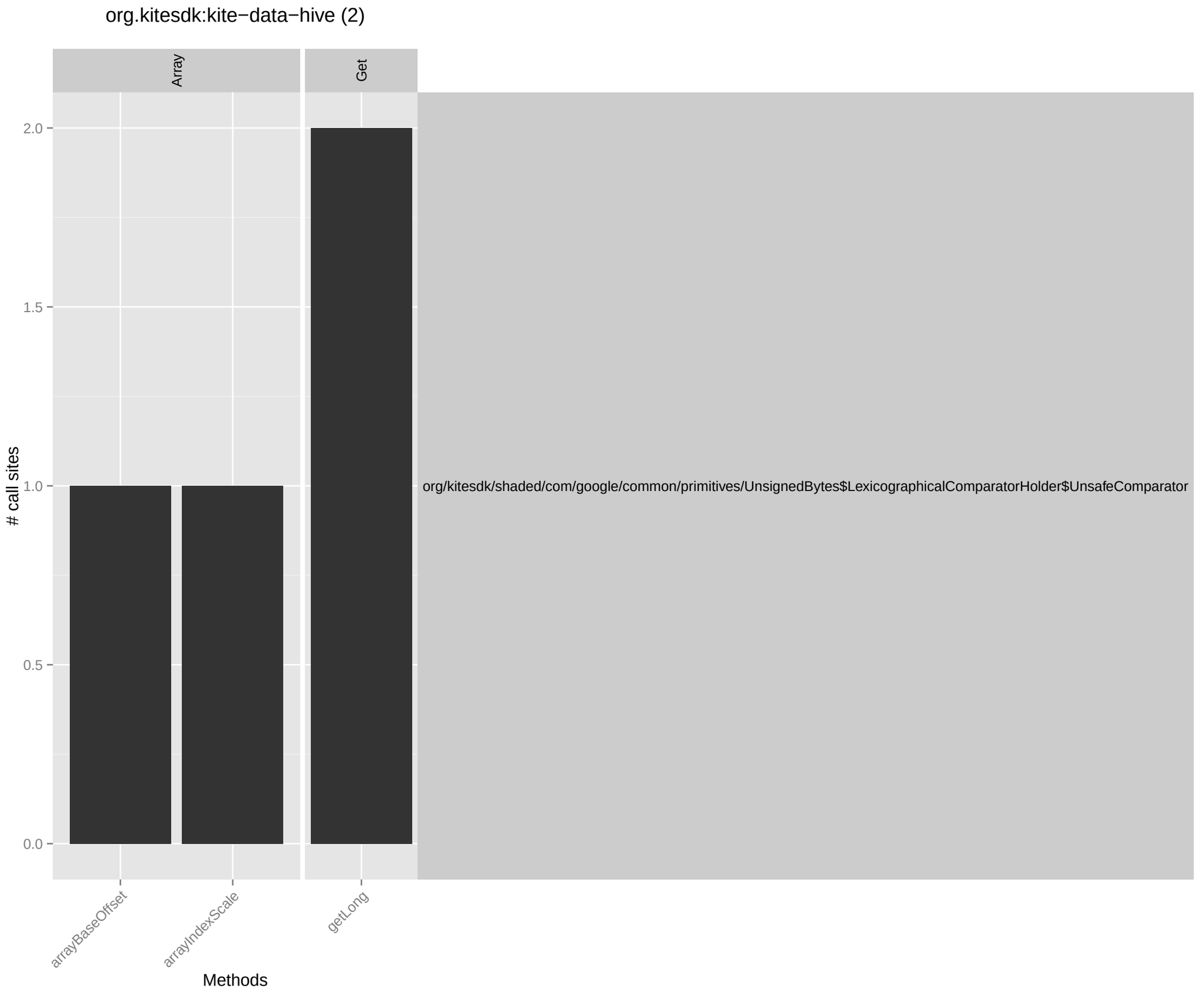

org.immutables:generate−tool (2)
Array
CAS
Get
Offset
NA
org/immutables/generate/internal/guava/cache/Striped64
org/immutables/generate/internal/guava/cache/Striped64$Cell
org/immutables/generate/internal/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

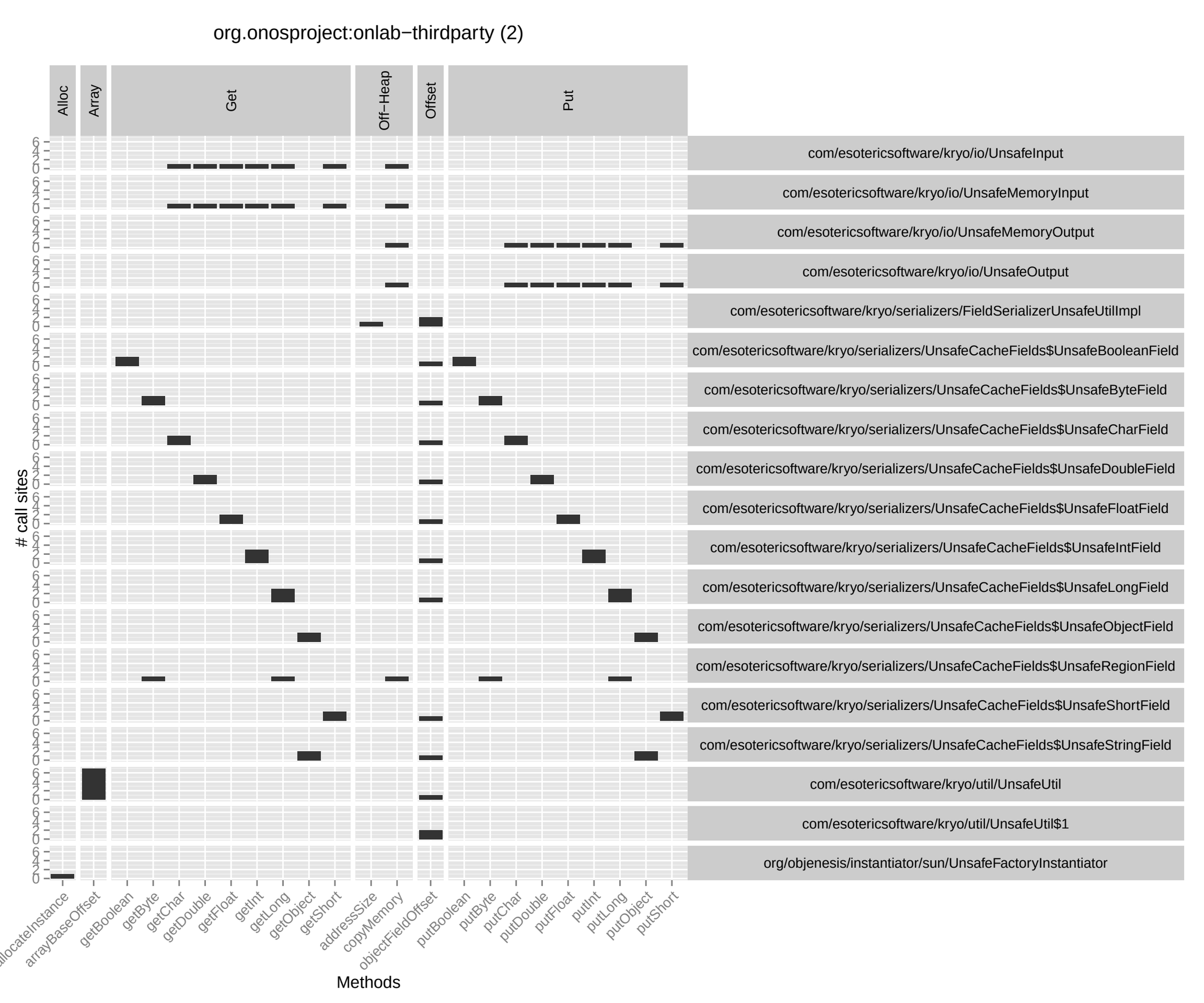

org.infinispan:infinispan−embedded (2)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
infinispan/com/google/common/cache/Striped64
infinispan/com/google/common/cache/Striped64$Cell
infinispan/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

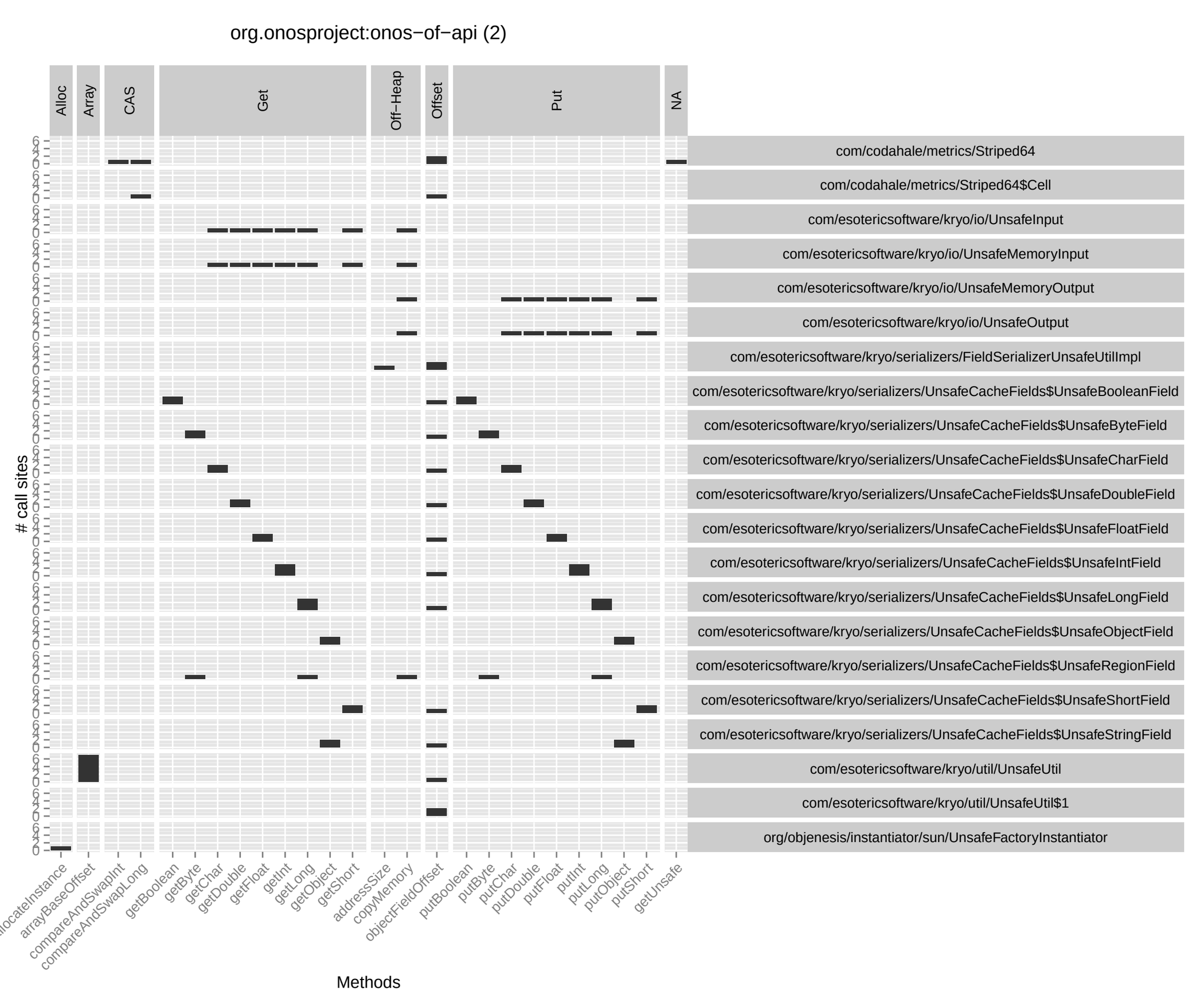

org.jboss.forge:forge−jboss−modules (2)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

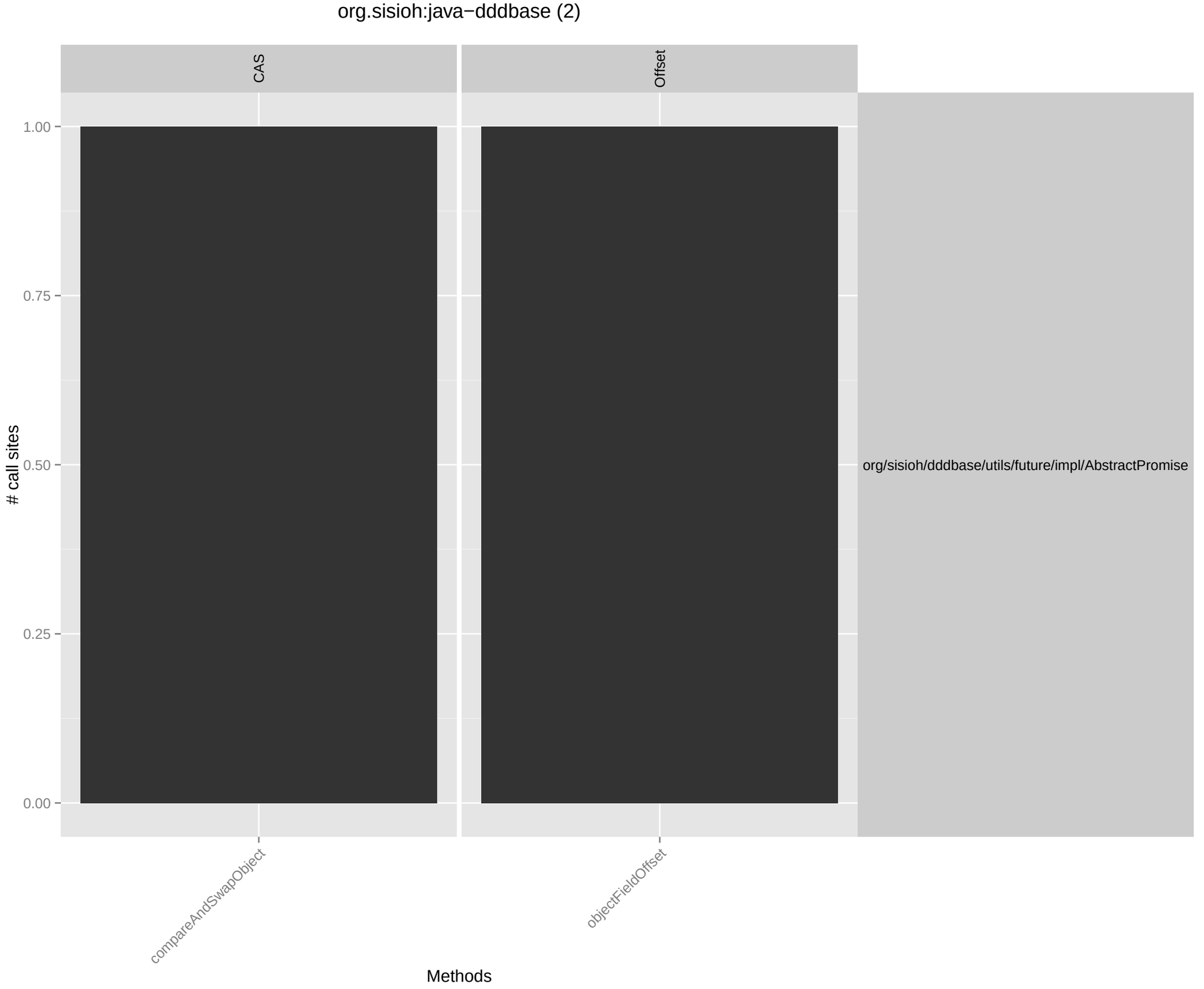

org.jboss.forge:jboss−modules (2)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

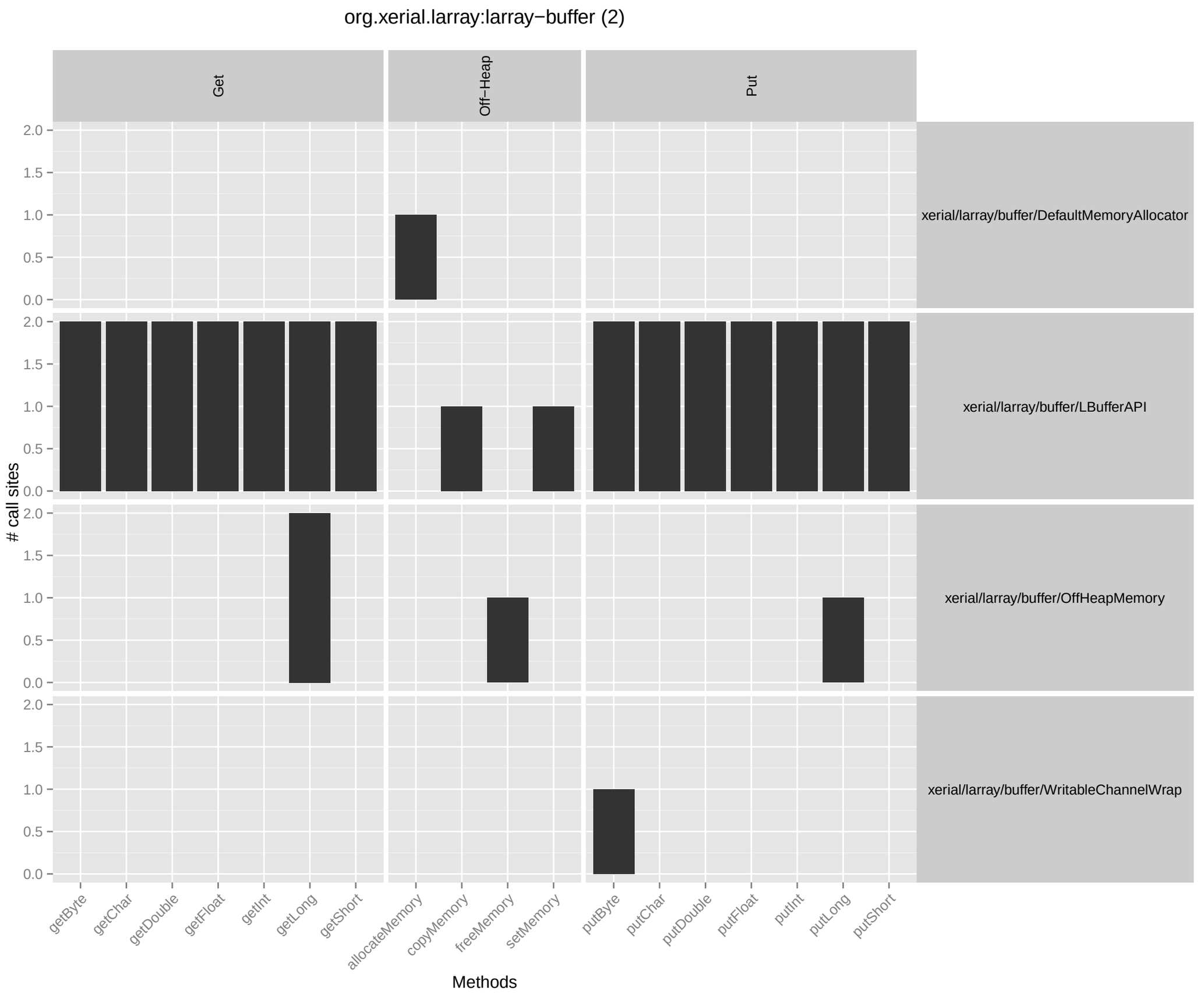

org.kitesdk:kite−data−hbase (2)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

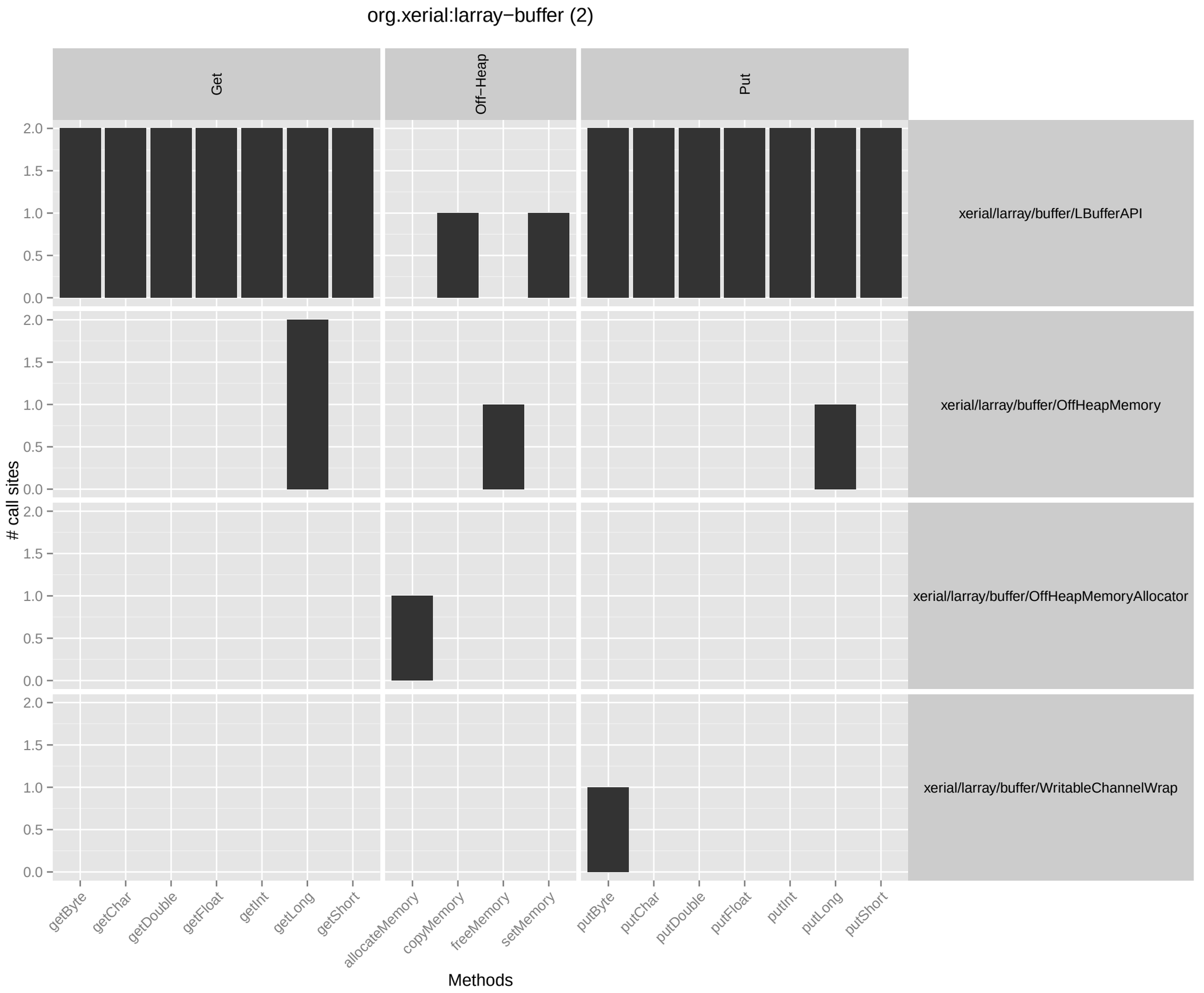

org.kitesdk:kite−data−hive (2)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

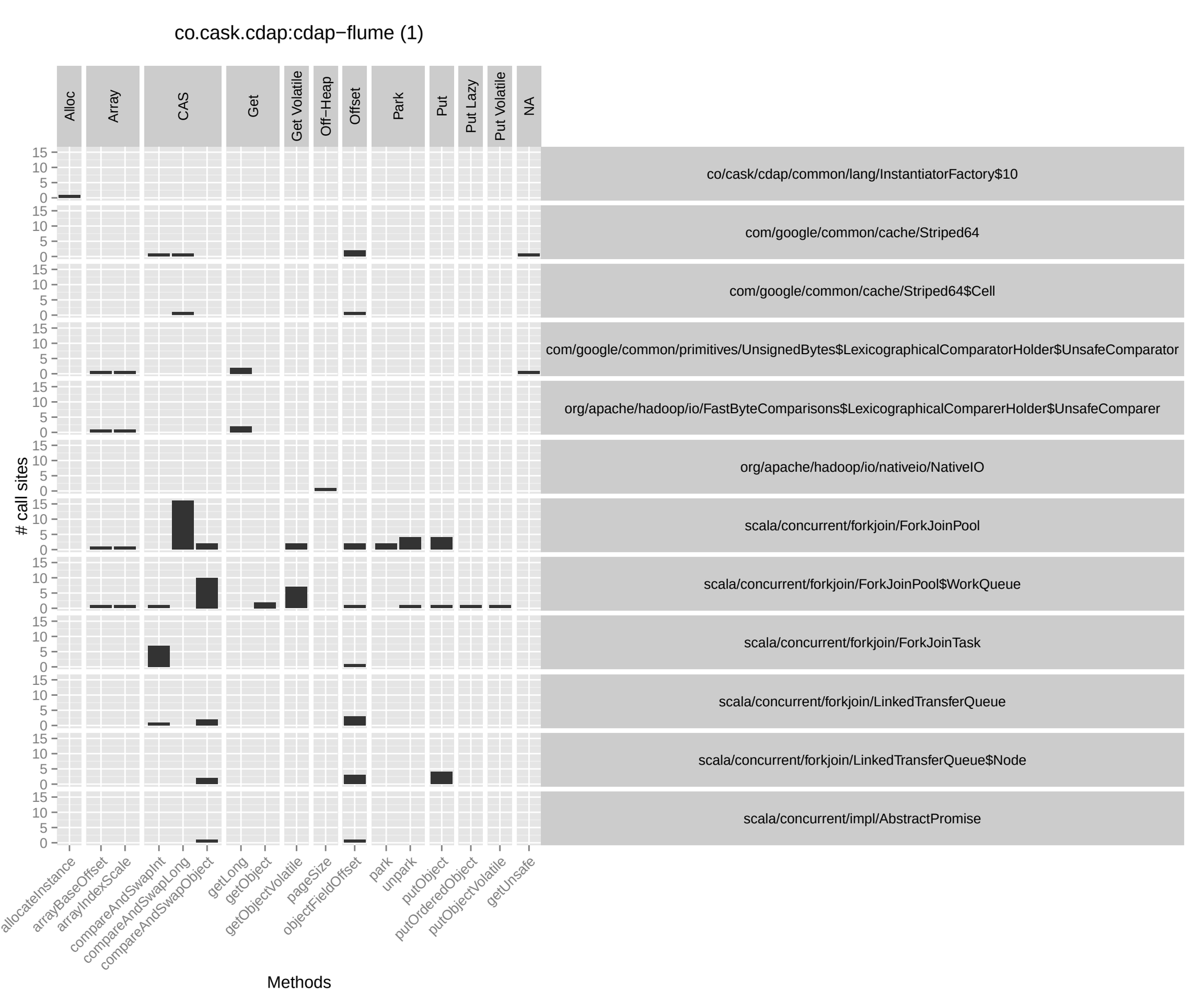

org.onosproject:onlab−thirdparty (2)
Alloc
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0
2
4
6
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

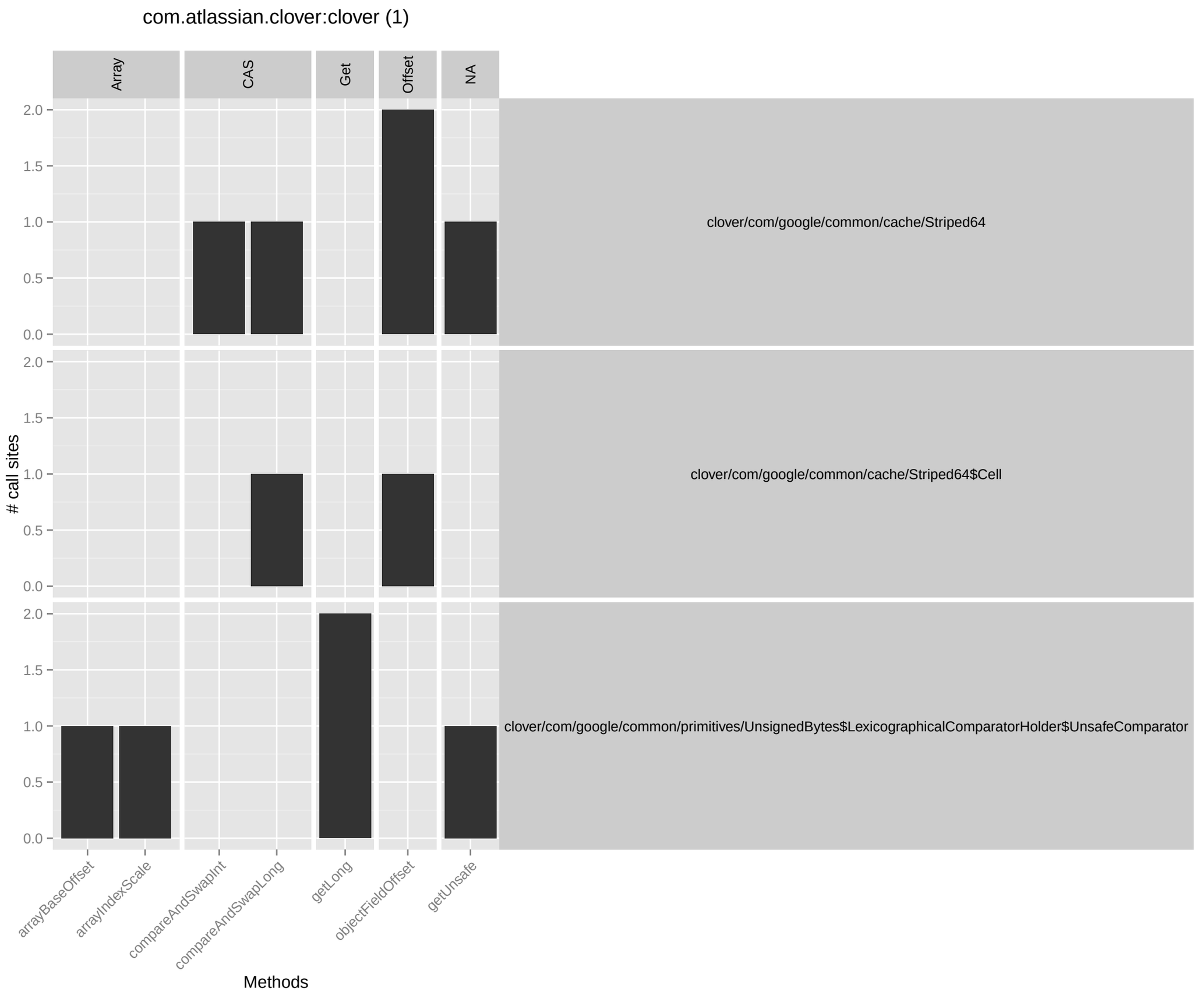

org.onosproject:onos−of−api (2)
Alloc
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
allocateInstance
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

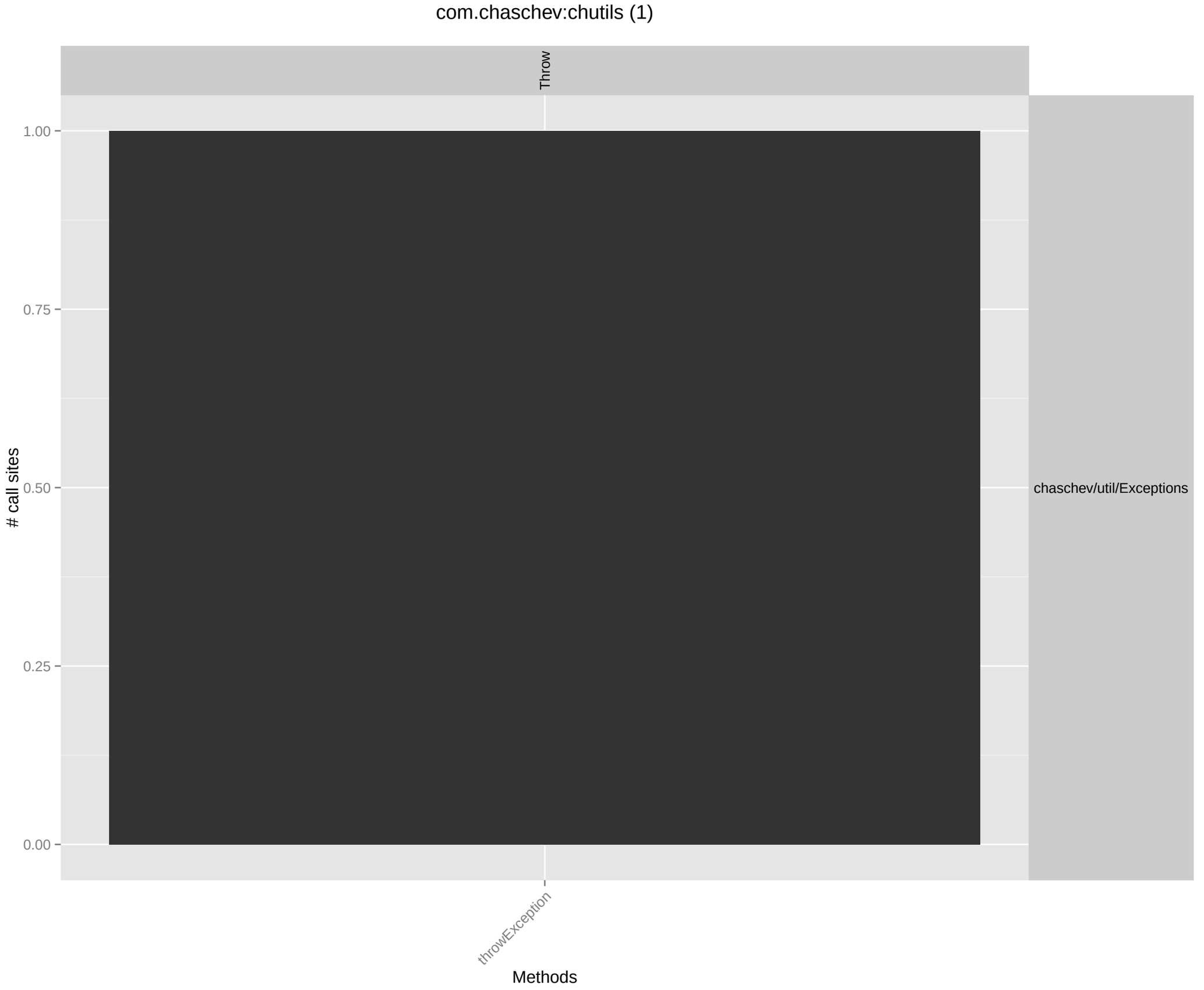

org.sisioh:java−dddbase (2)
CAS
Offset
org/sisioh/dddbase/utils/future/impl/AbstractPromise
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

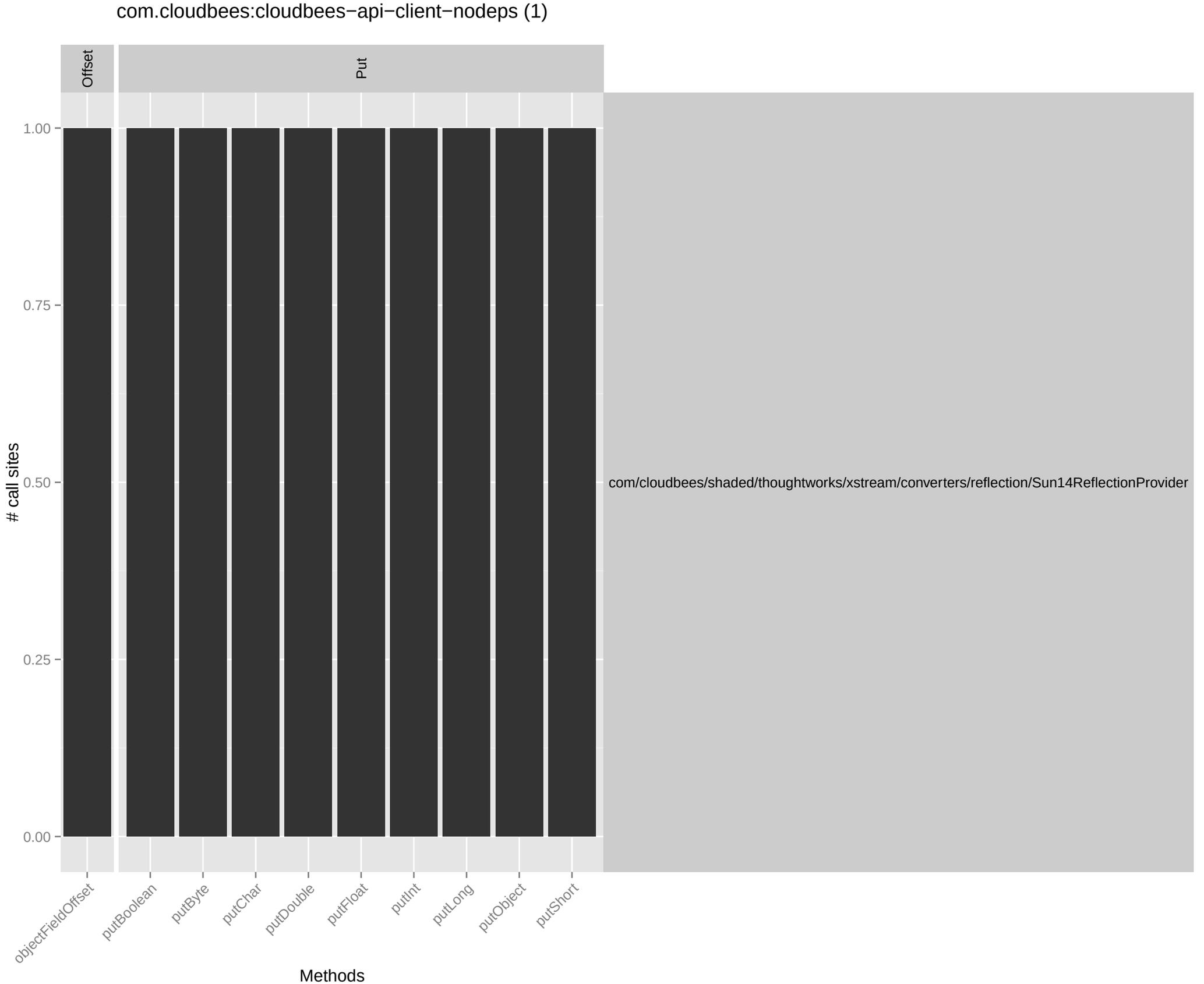

org.xerial.larray:larray−buffer (2)
Get
Off−Heap
Put
xerial/larray/buffer/DefaultMemoryAllocator
xerial/larray/buffer/LBufferAPI
xerial/larray/buffer/OffHeapMemory
xerial/larray/buffer/WritableChannelWrap
call sites
0.0
0.5
1.0
1.5
2.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

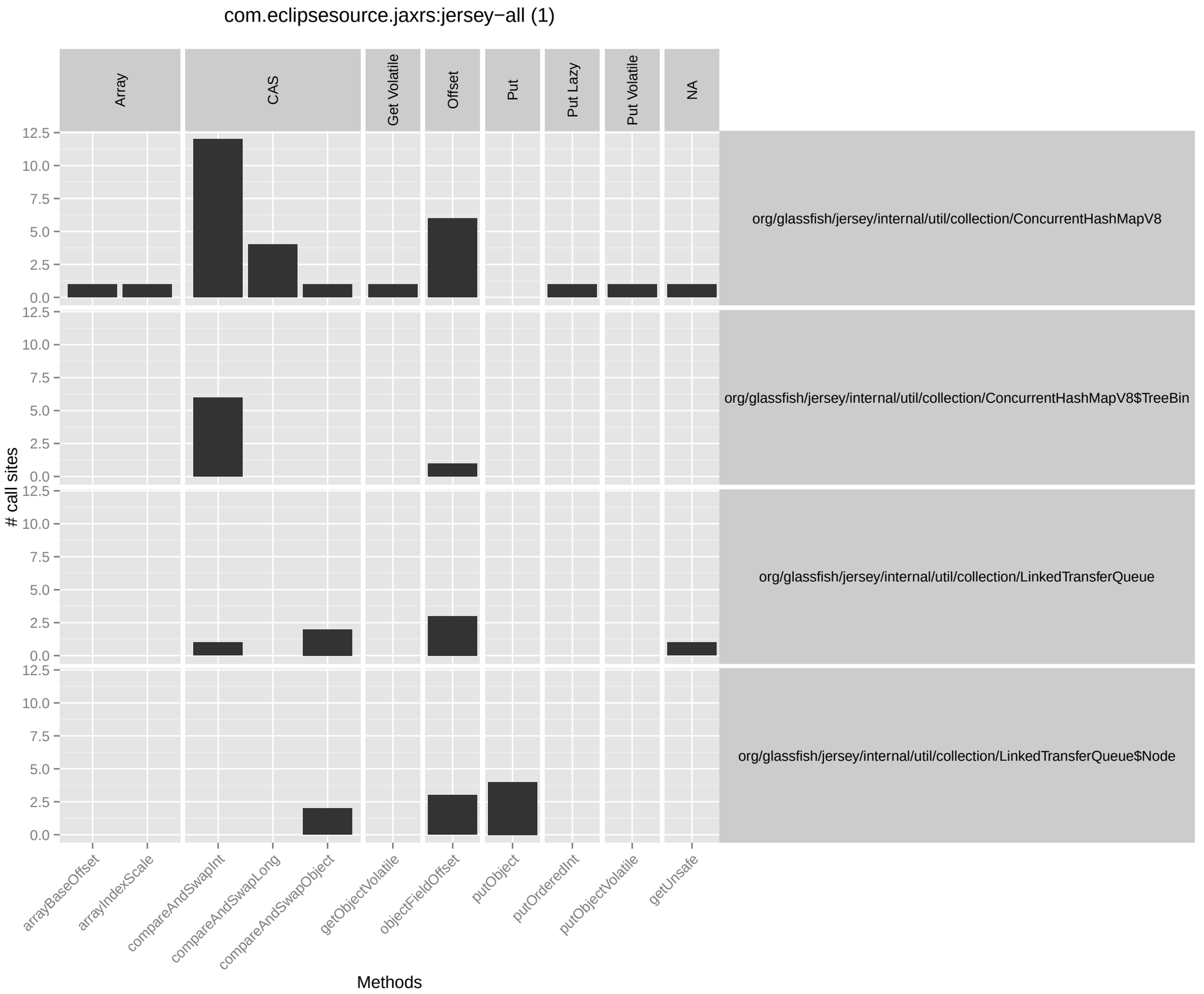

org.xerial:larray−buffer (2)
Get
Off−Heap
Put
xerial/larray/buffer/LBufferAPI
xerial/larray/buffer/OffHeapMemory
xerial/larray/buffer/OffHeapMemoryAllocator
xerial/larray/buffer/WritableChannelWrap
call sites
0.0
0.5
1.0
1.5
2.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

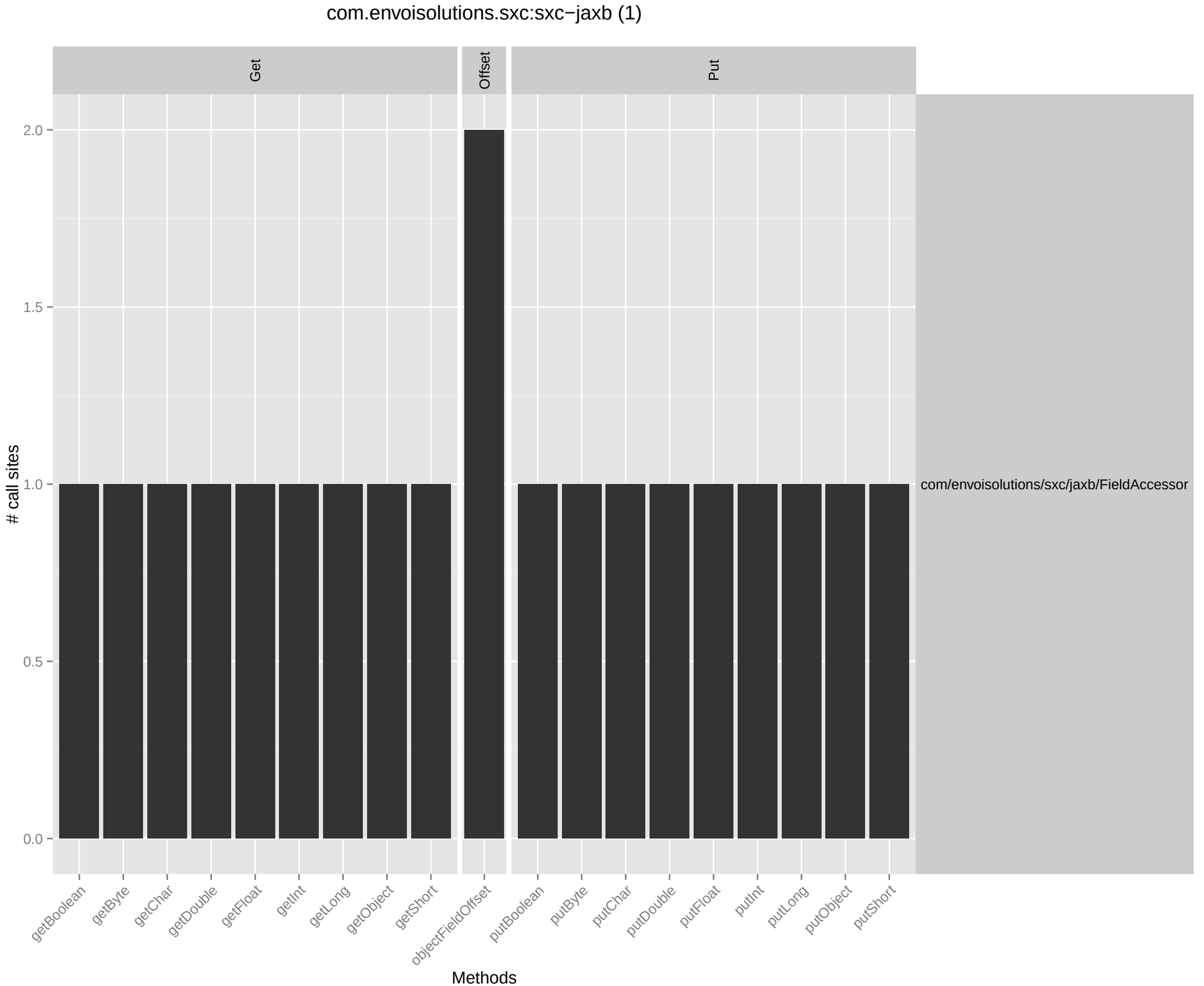

co.cask.cdap:cdap−flume (1)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
NA
co/cask/cdap/common/lang/InstantiatorFactory$10
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
pageSize
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

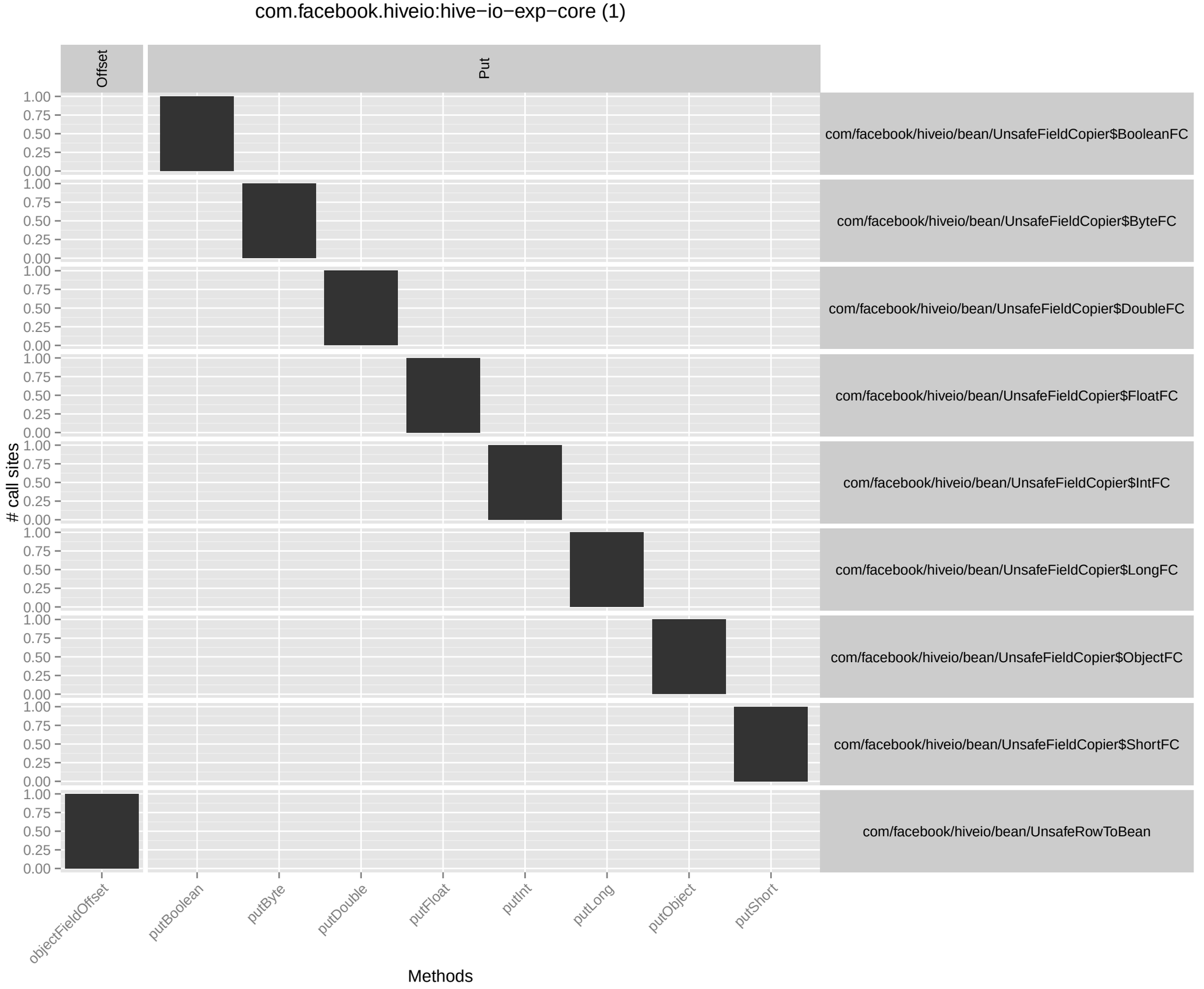

com.atlassian.clover:clover (1)
Array
CAS
Get
Offset
NA
clover/com/google/common/cache/Striped64
clover/com/google/common/cache/Striped64$Cell
clover/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

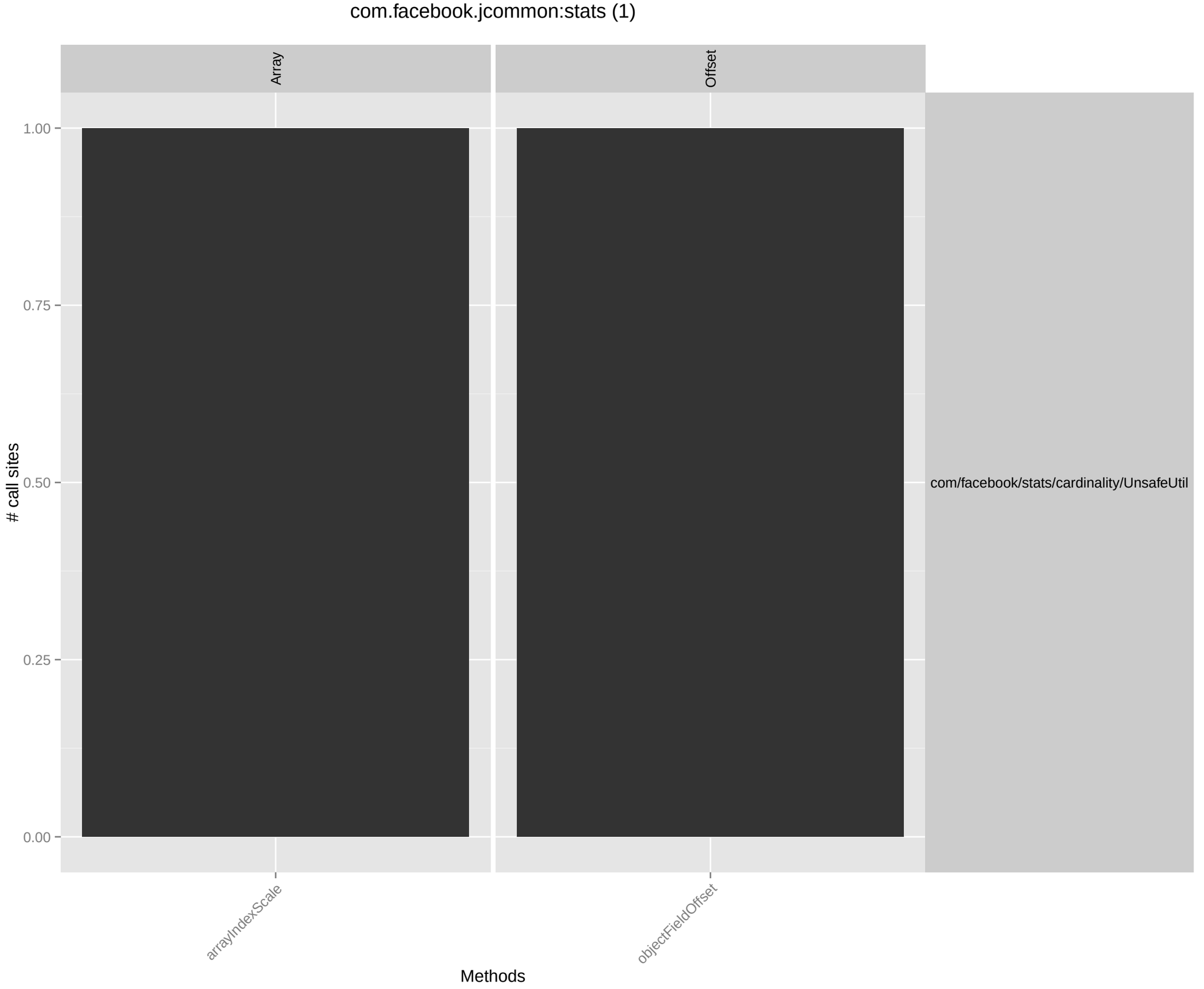

com.chaschev:chutils (1)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
chaschev/util/Exceptions
throwException
Methods

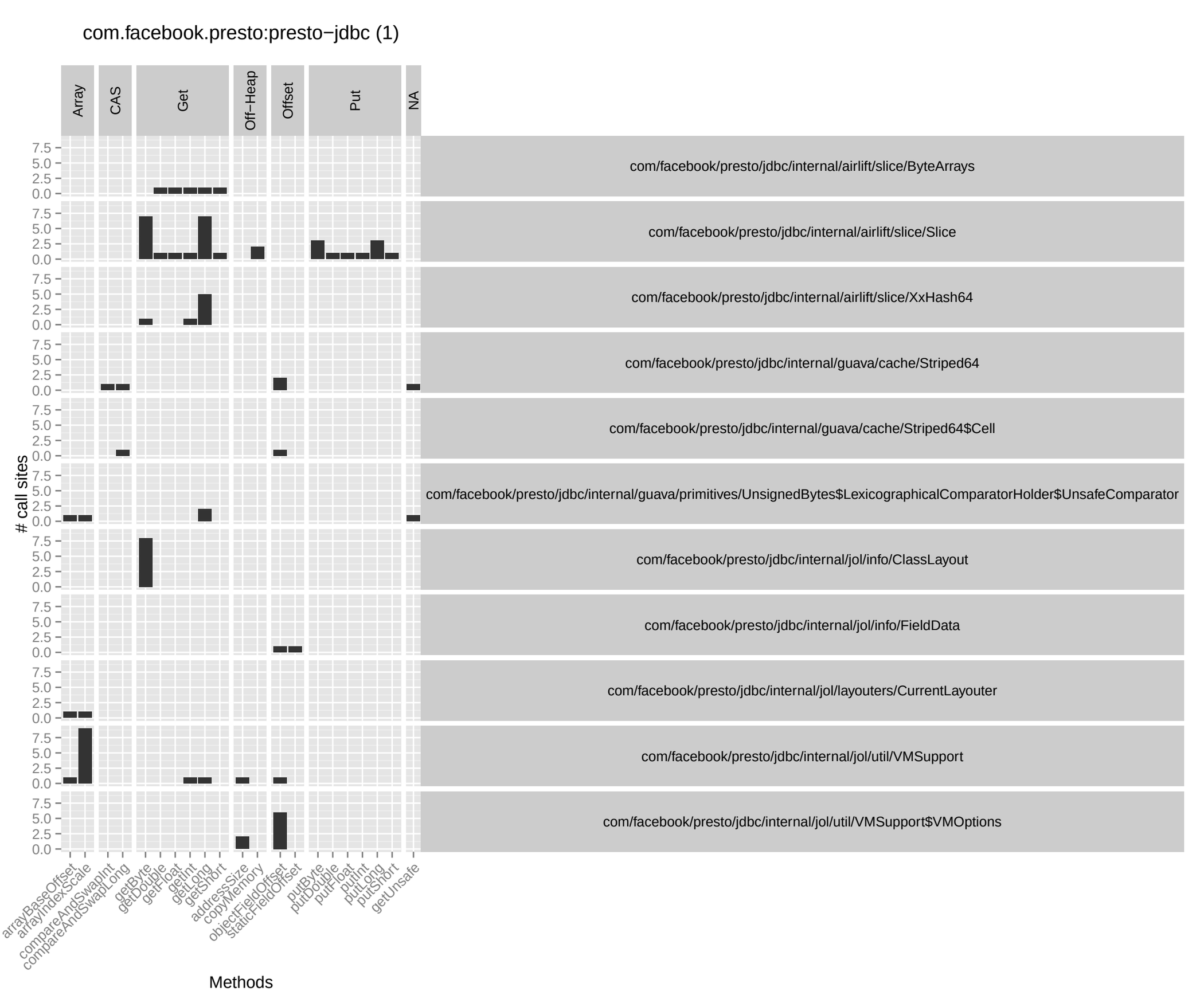

com.cloudbees:cloudbees−api−client−nodeps (1)
Offset
Put
com/cloudbees/shaded/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

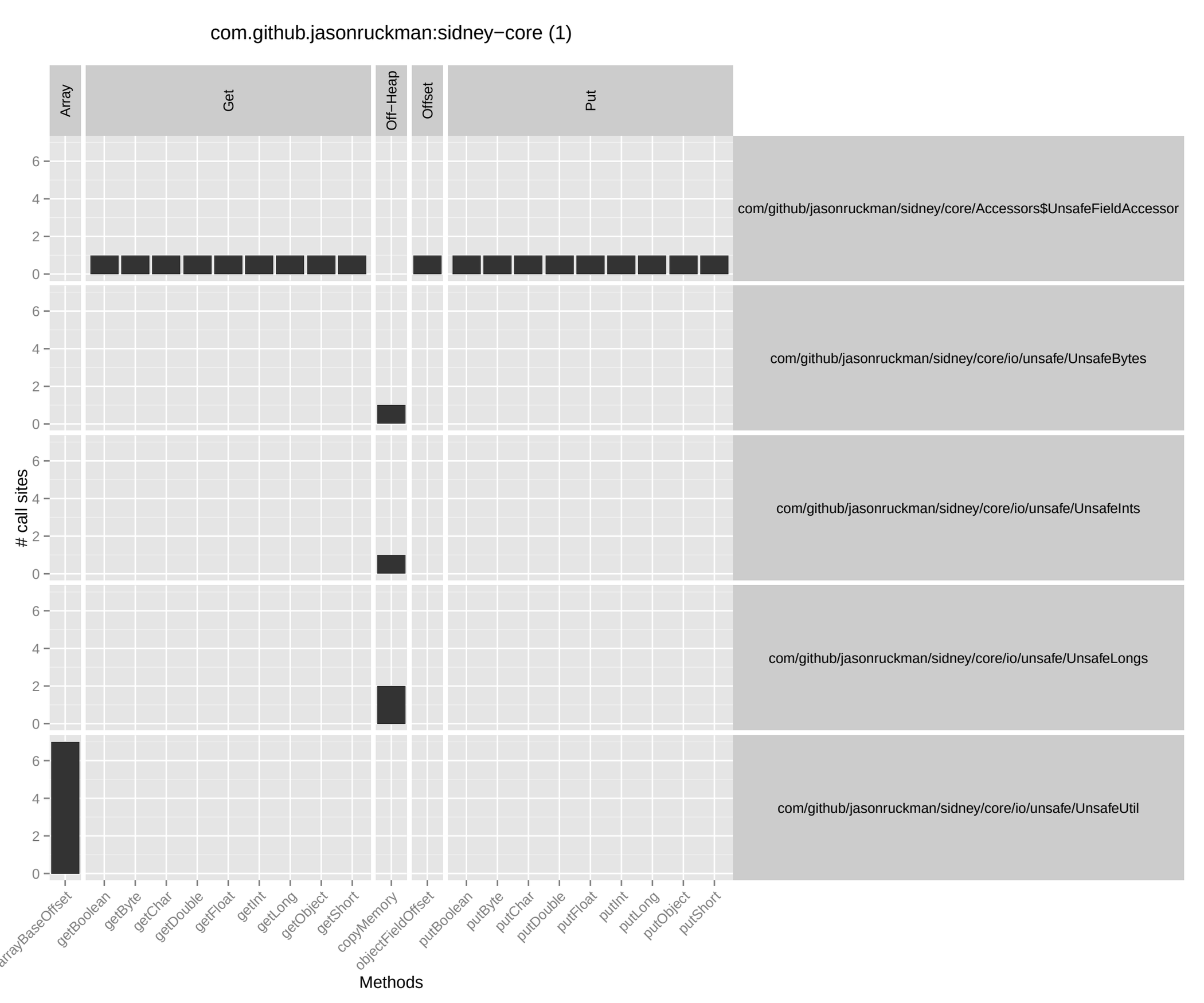

com.eclipsesource.jaxrs:jersey−all (1)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

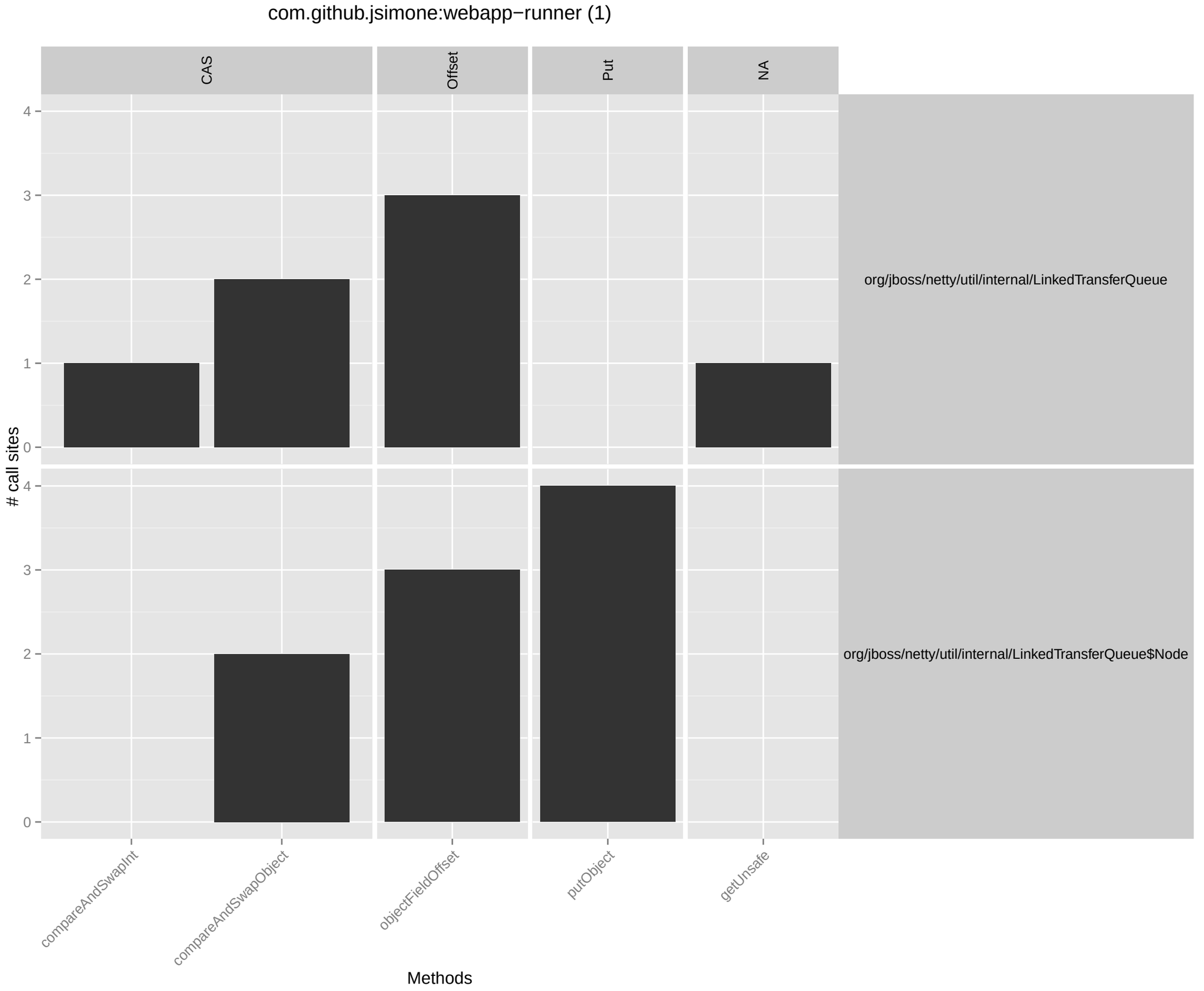

com.envoisolutions.sxc:sxc−jaxb (1)
Get
Offset
Put
com/envoisolutions/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

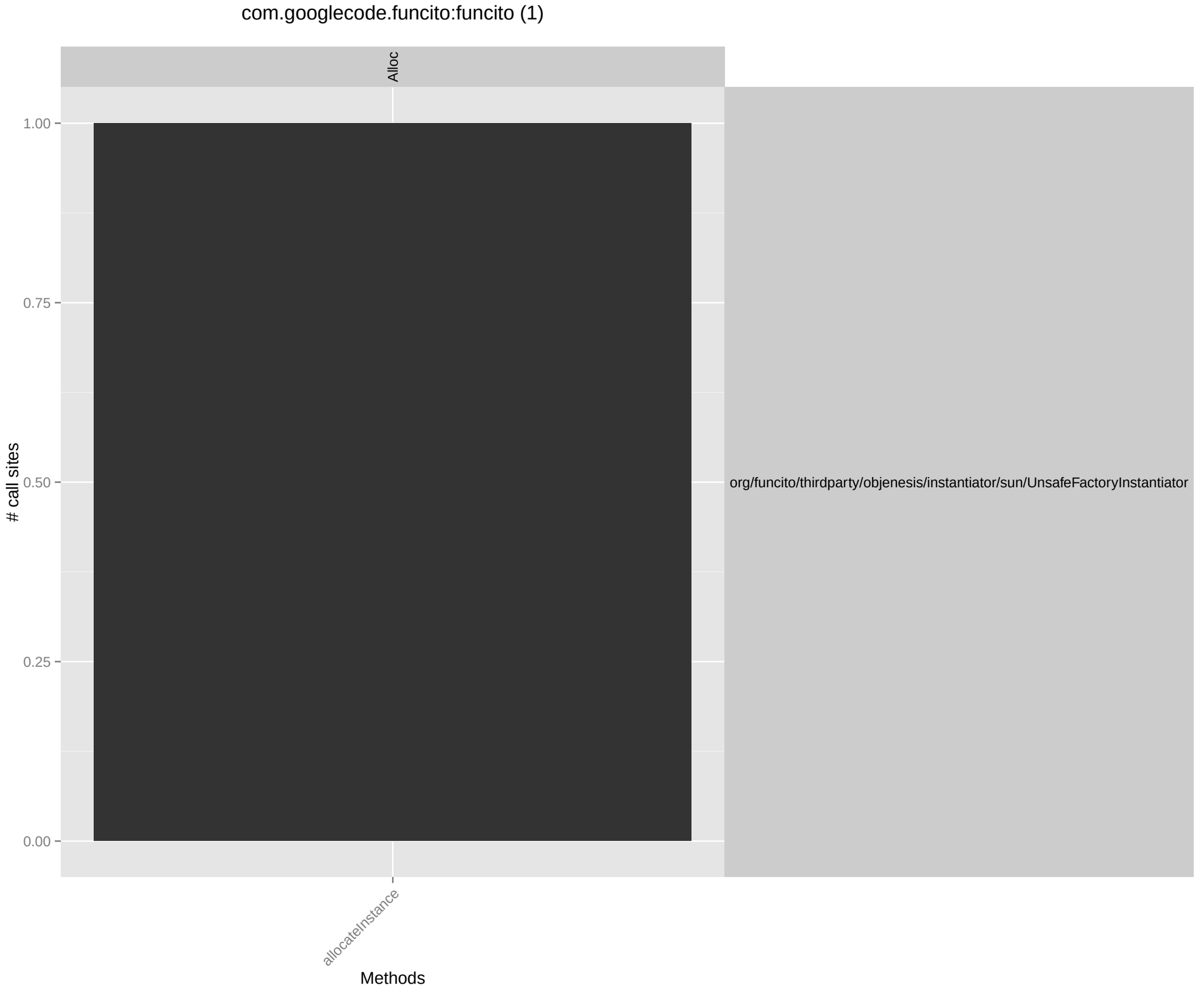

com.facebook.hiveio:hive−io−exp−core (1)
Offset
Put
com/facebook/hiveio/bean/UnsafeFieldCopier$BooleanFC
com/facebook/hiveio/bean/UnsafeFieldCopier$ByteFC
com/facebook/hiveio/bean/UnsafeFieldCopier$DoubleFC
com/facebook/hiveio/bean/UnsafeFieldCopier$FloatFC
com/facebook/hiveio/bean/UnsafeFieldCopier$IntFC
com/facebook/hiveio/bean/UnsafeFieldCopier$LongFC
com/facebook/hiveio/bean/UnsafeFieldCopier$ObjectFC
com/facebook/hiveio/bean/UnsafeFieldCopier$ShortFC
com/facebook/hiveio/bean/UnsafeRowToBean
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

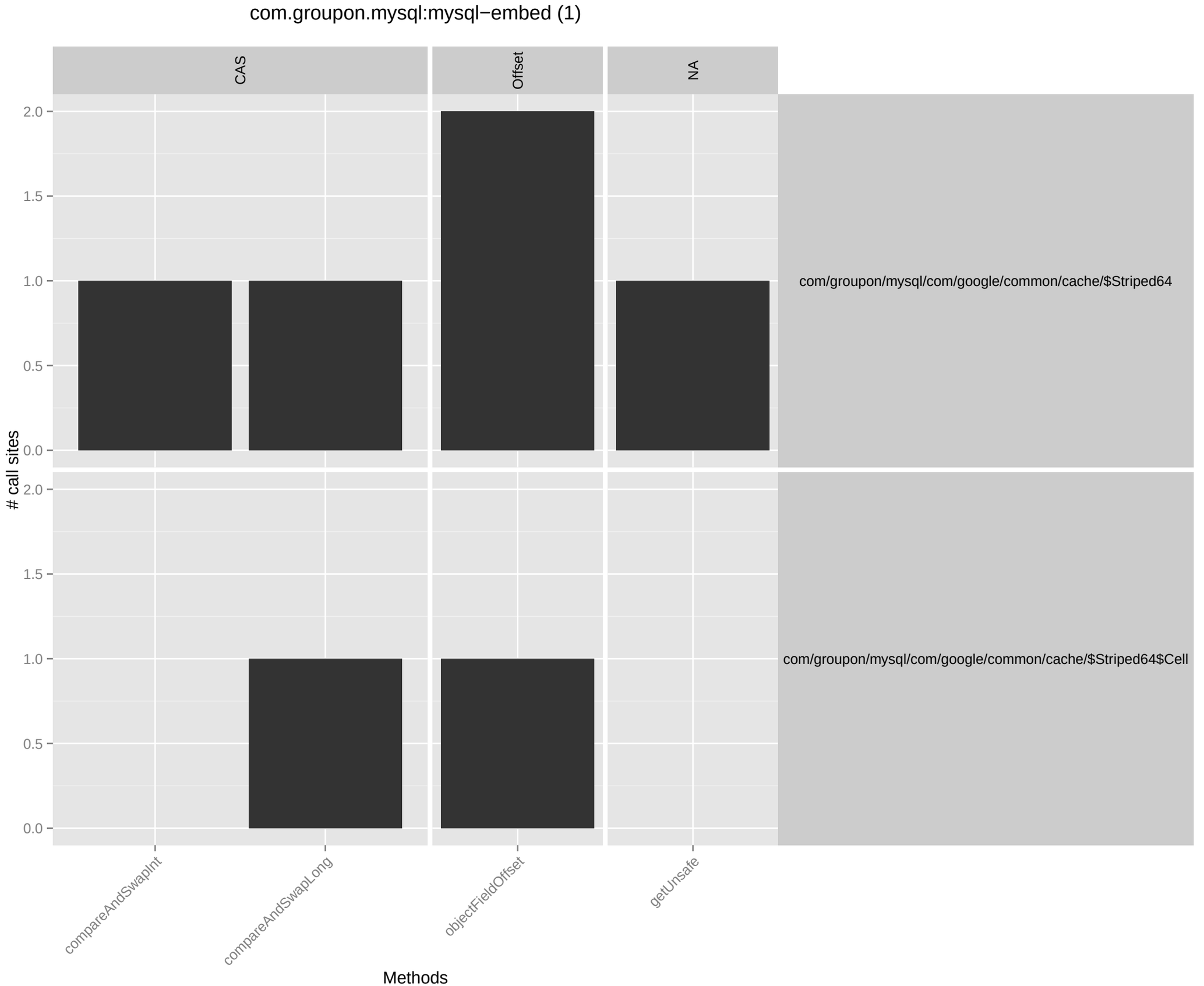

com.facebook.jcommon:stats (1)
Array
Offset
com/facebook/stats/cardinality/UnsafeUtil
1.00
0.75
0.50
0.25
0.00
call sites
arrayIndexScale
objectFieldOffset
Methods

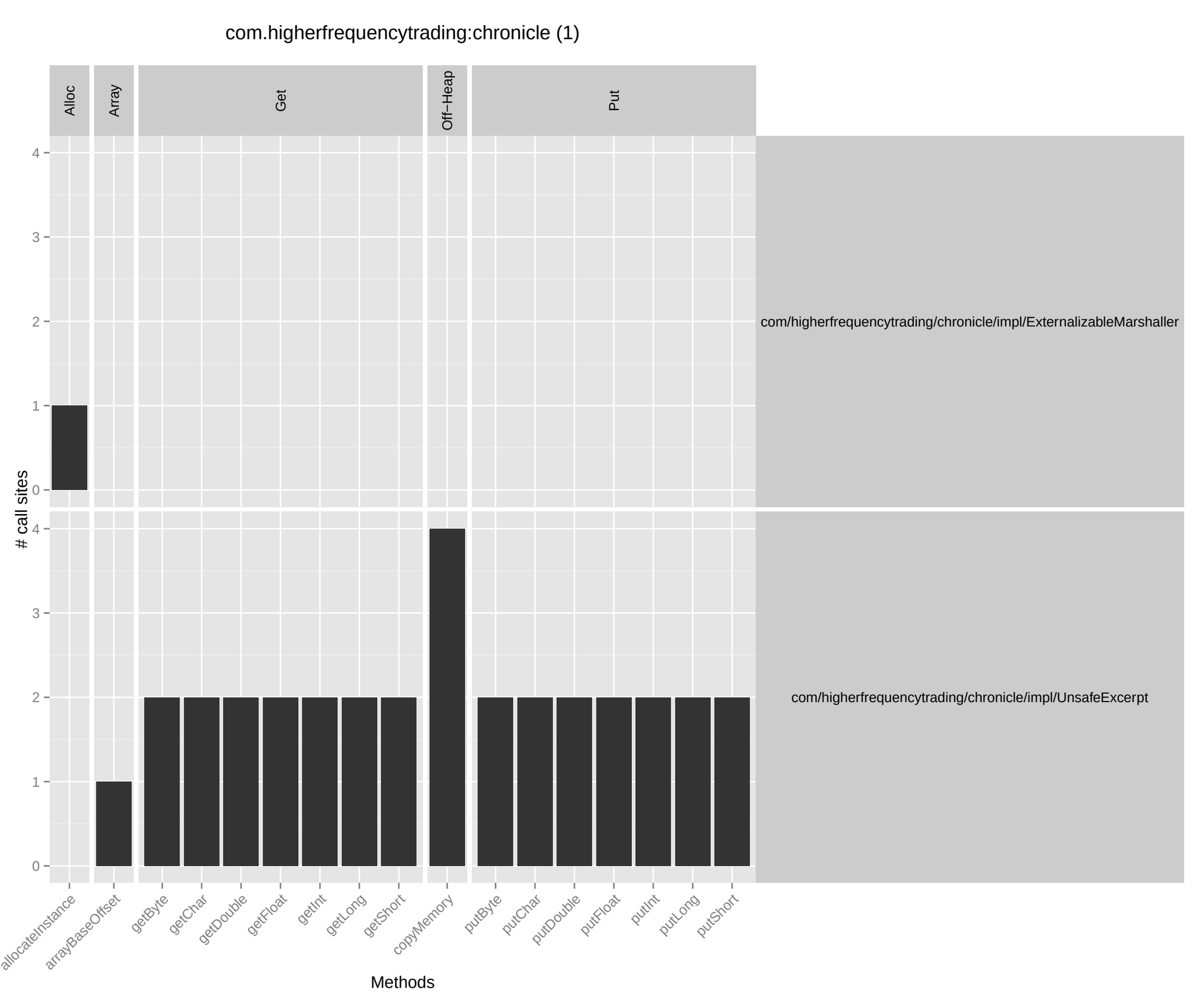

com.facebook.presto:presto−jdbc (1)
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/facebook/presto/jdbc/internal/airlift/slice/ByteArrays
com/facebook/presto/jdbc/internal/airlift/slice/Slice
com/facebook/presto/jdbc/internal/airlift/slice/XxHash64
com/facebook/presto/jdbc/internal/guava/cache/Striped64
com/facebook/presto/jdbc/internal/guava/cache/Striped64$Cell
com/facebook/presto/jdbc/internal/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/facebook/presto/jdbc/internal/jol/info/ClassLayout
com/facebook/presto/jdbc/internal/jol/info/FieldData
com/facebook/presto/jdbc/internal/jol/layouters/CurrentLayouter
com/facebook/presto/jdbc/internal/jol/util/VMSupport
com/facebook/presto/jdbc/internal/jol/util/VMSupport$VMOptions
call sites
0.0
2.5
5.0
7.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getByte
getDouble
getFloat
getInt
getLong
getShort
addressSize
copyMemory
objectFieldOffset
staticFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
getUnsafe
Methods

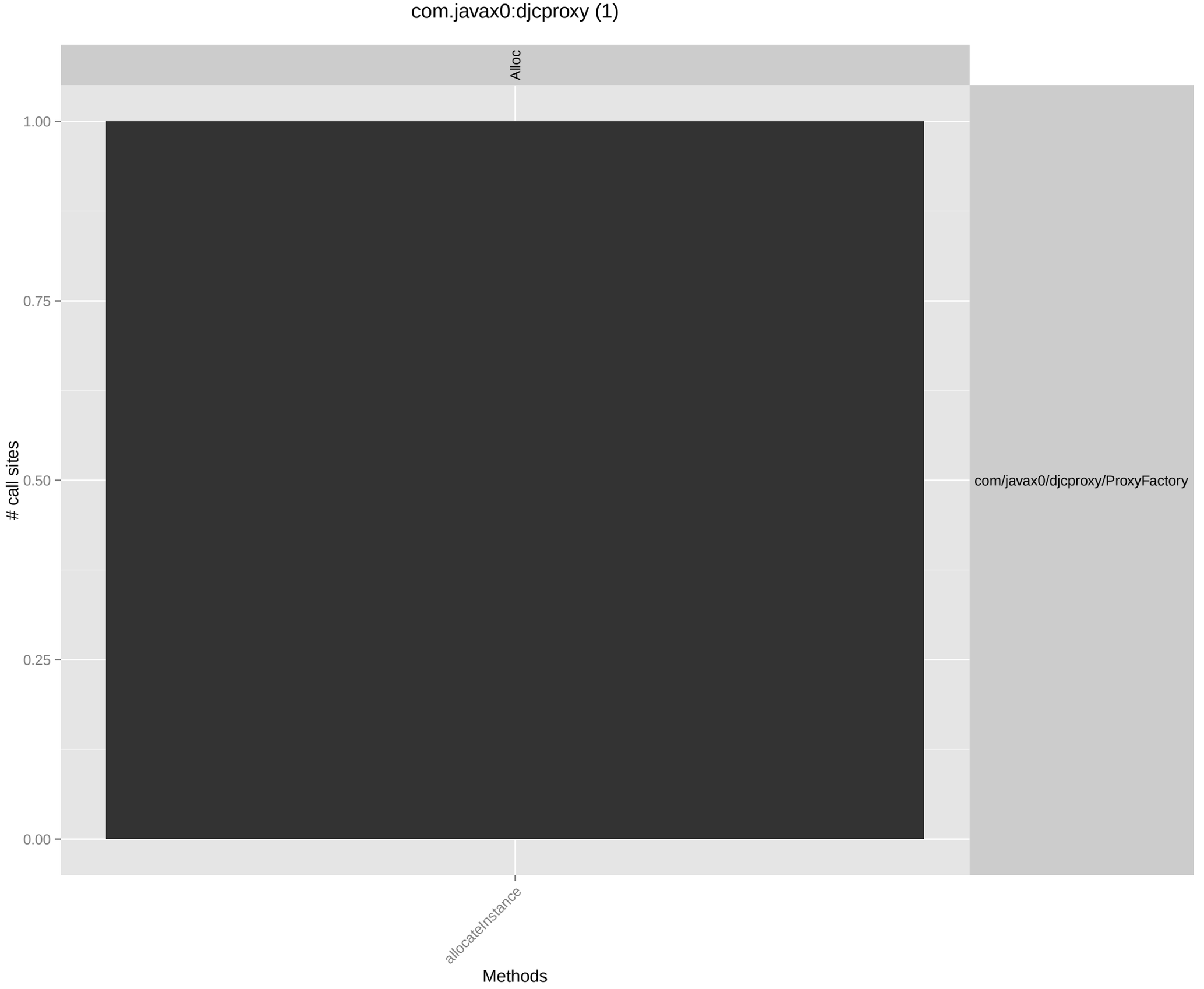

com.github.jasonruckman:sidney−core (1)
Array
Get
Off−Heap
Offset
Put
com/github/jasonruckman/sidney/core/Accessors$UnsafeFieldAccessor
com/github/jasonruckman/sidney/core/io/unsafe/UnsafeBytes
com/github/jasonruckman/sidney/core/io/unsafe/UnsafeInts
com/github/jasonruckman/sidney/core/io/unsafe/UnsafeLongs
com/github/jasonruckman/sidney/core/io/unsafe/UnsafeUtil
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

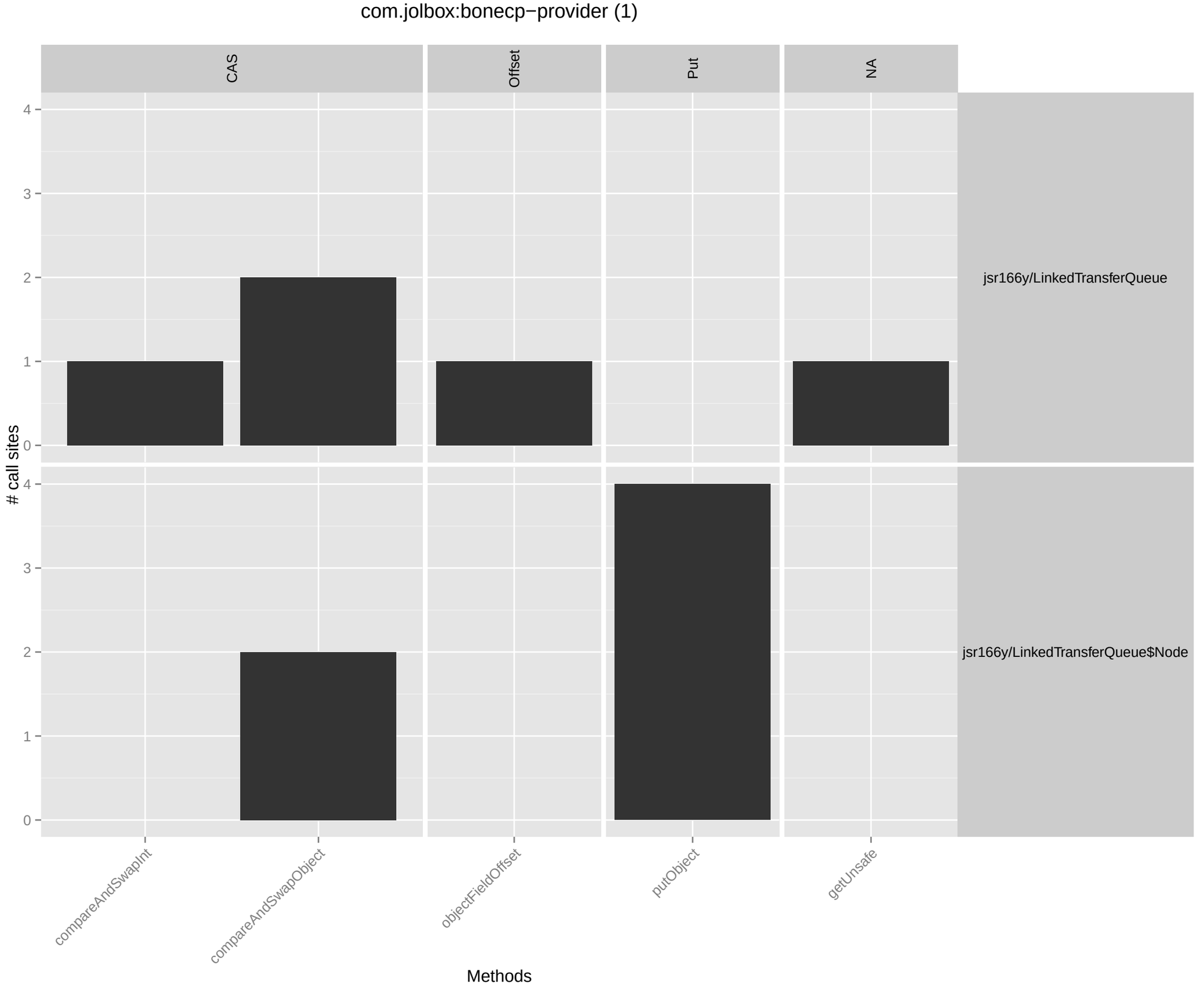

com.github.jsimone:webapp−runner (1)
CAS
Offset
Put
NA
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

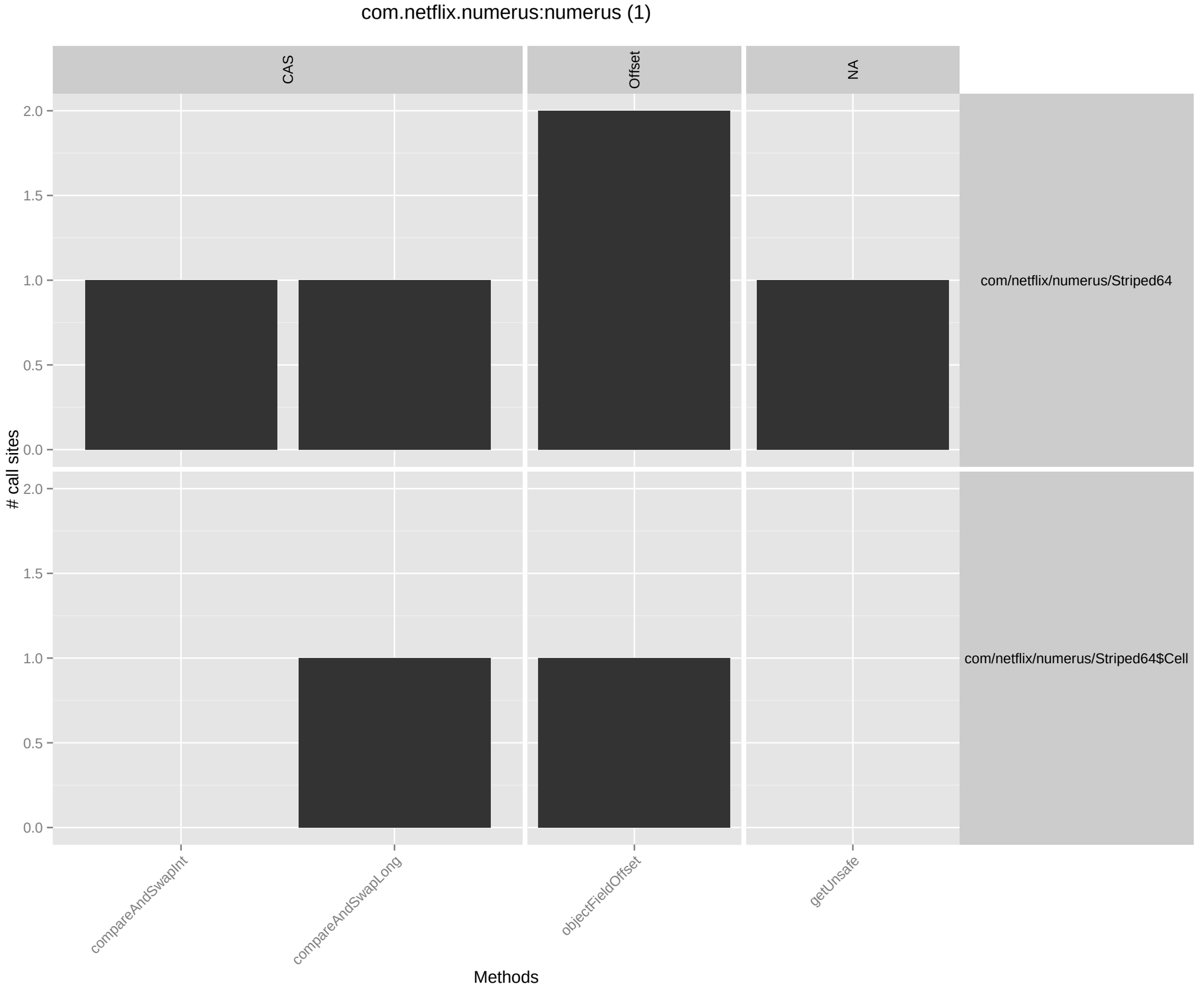

com.googlecode.funcito:funcito (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/funcito/thirdparty/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

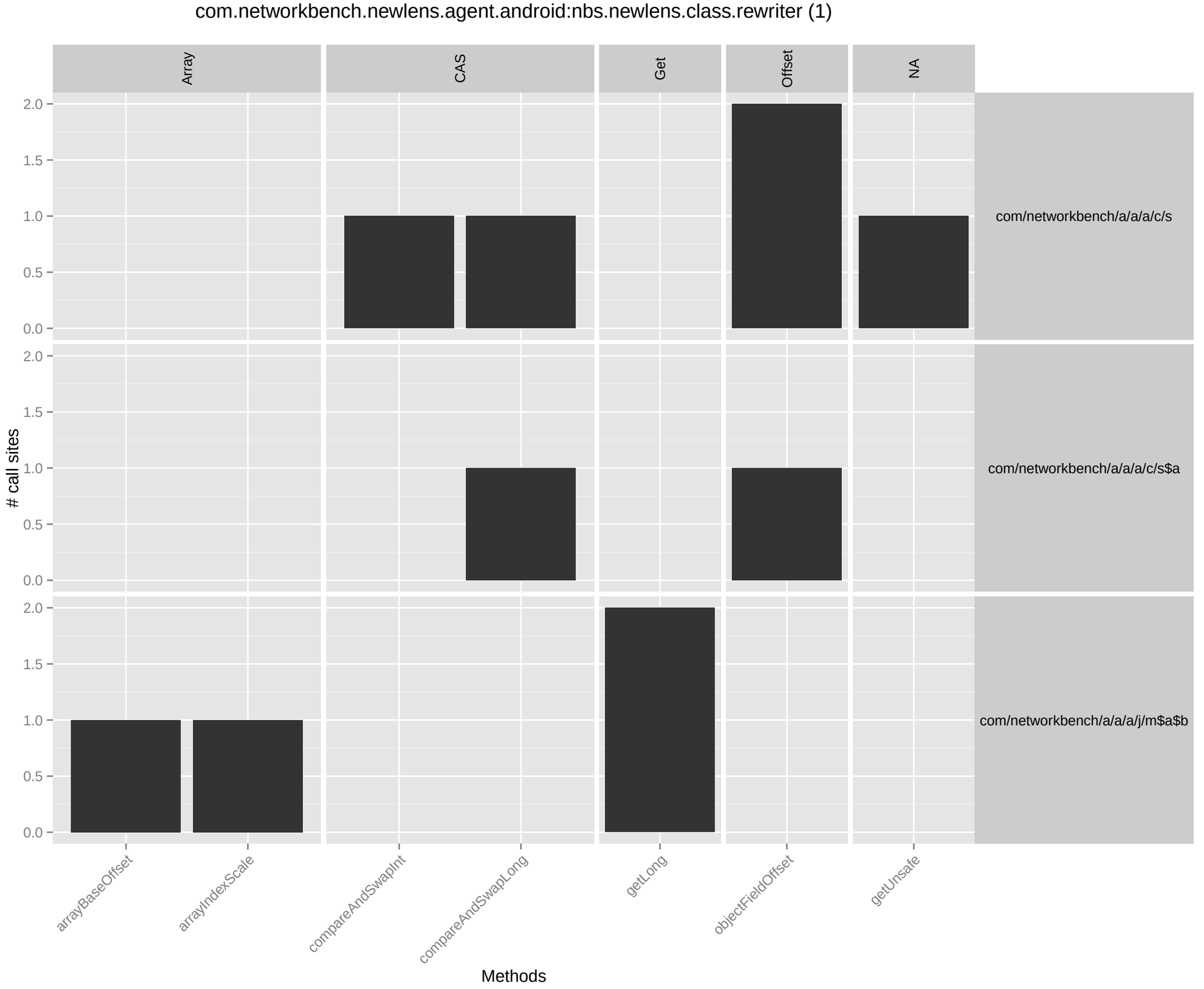

com.groupon.mysql:mysql−embed (1)
CAS
Offset
NA
com/groupon/mysql/com/google/common/cache/$Striped64
com/groupon/mysql/com/google/common/cache/$Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

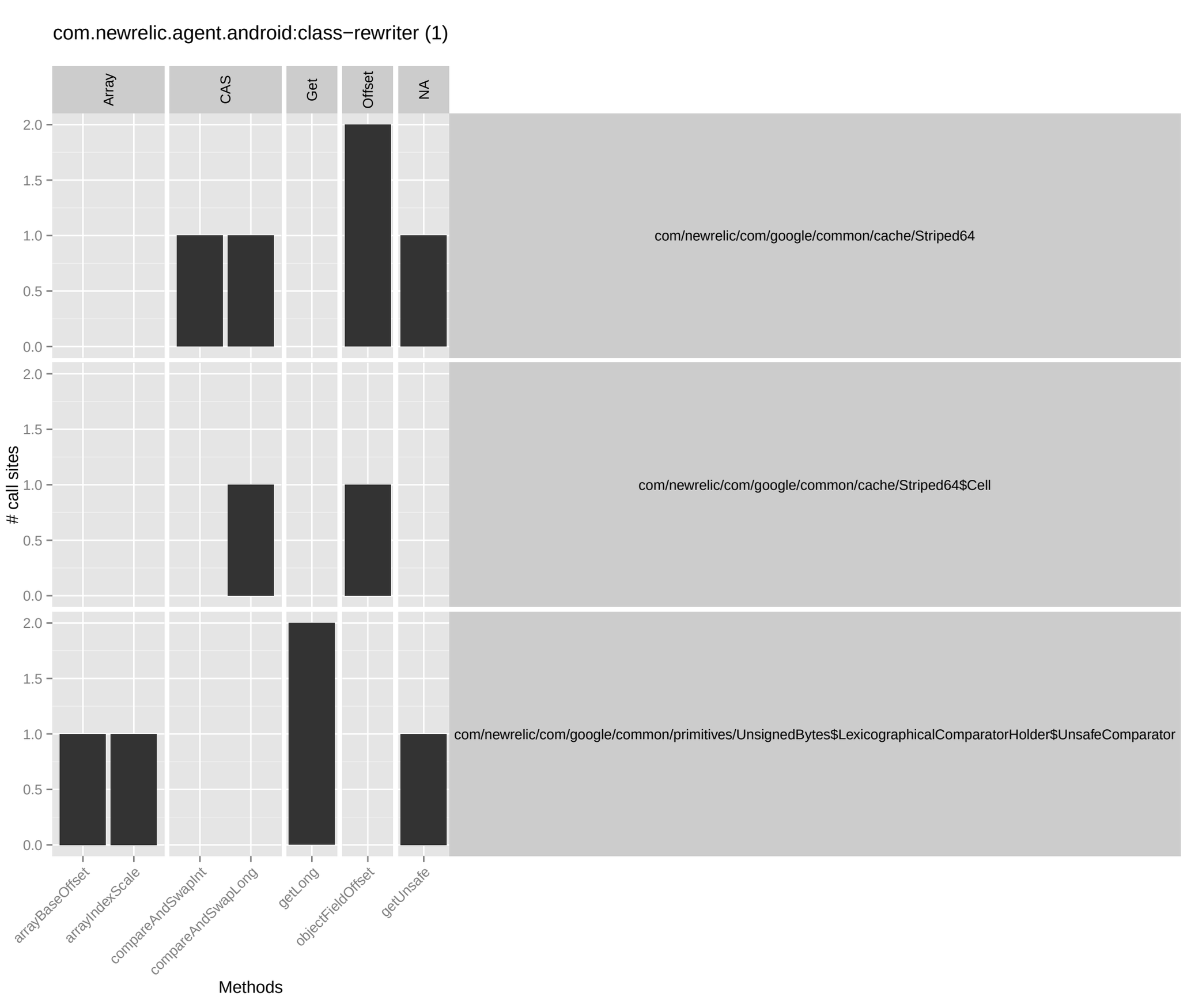

com.higherfrequencytrading:chronicle (1)
Alloc
Array
Get
Off−Heap
Put
com/higherfrequencytrading/chronicle/impl/ExternalizableMarshaller
com/higherfrequencytrading/chronicle/impl/UnsafeExcerpt
call sites
0
1
2
3
4
allocateInstance
arrayBaseOffset
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

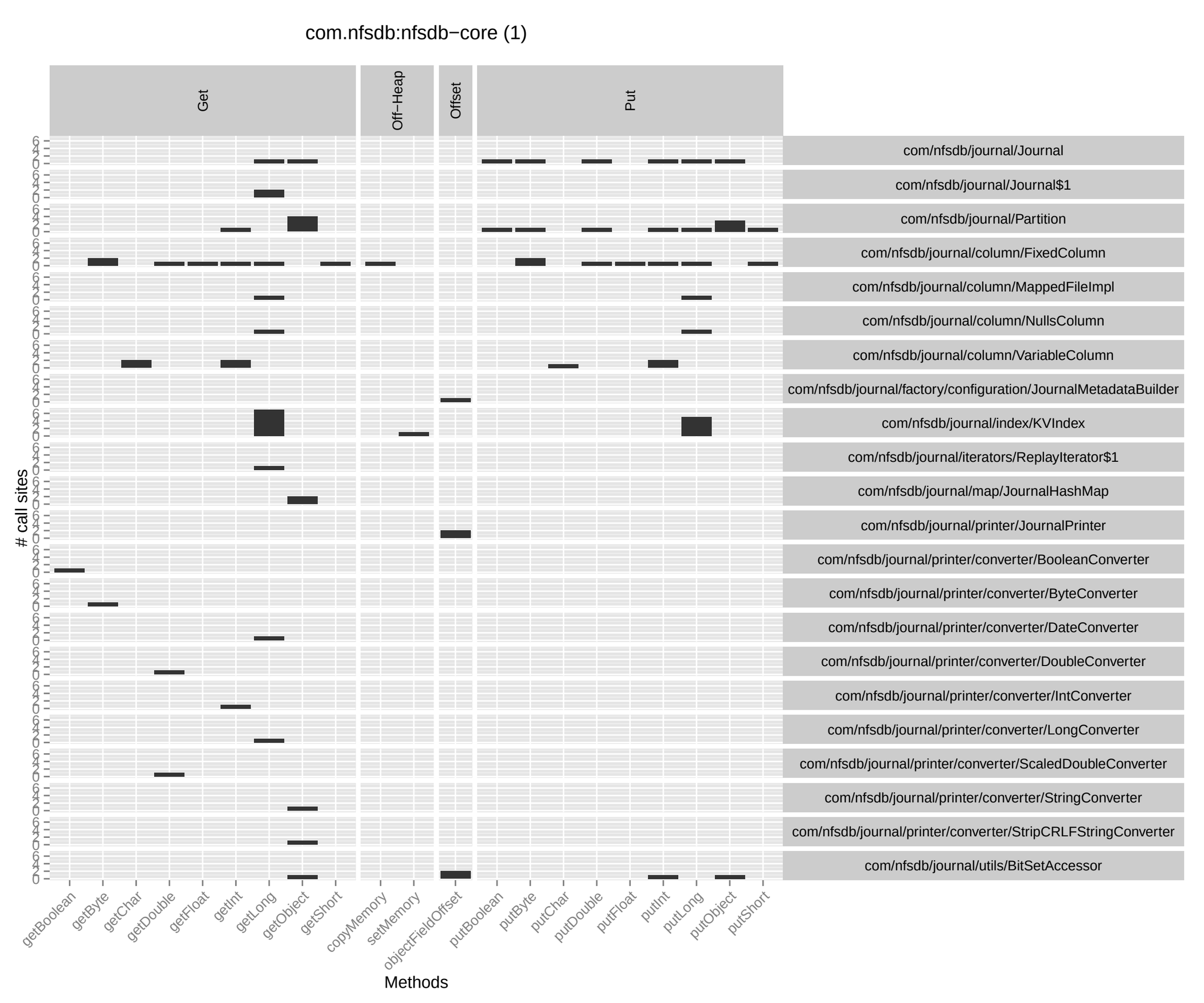

com.javax0:djcproxy (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
com/javax0/djcproxy/ProxyFactory
allocateInstance
Methods

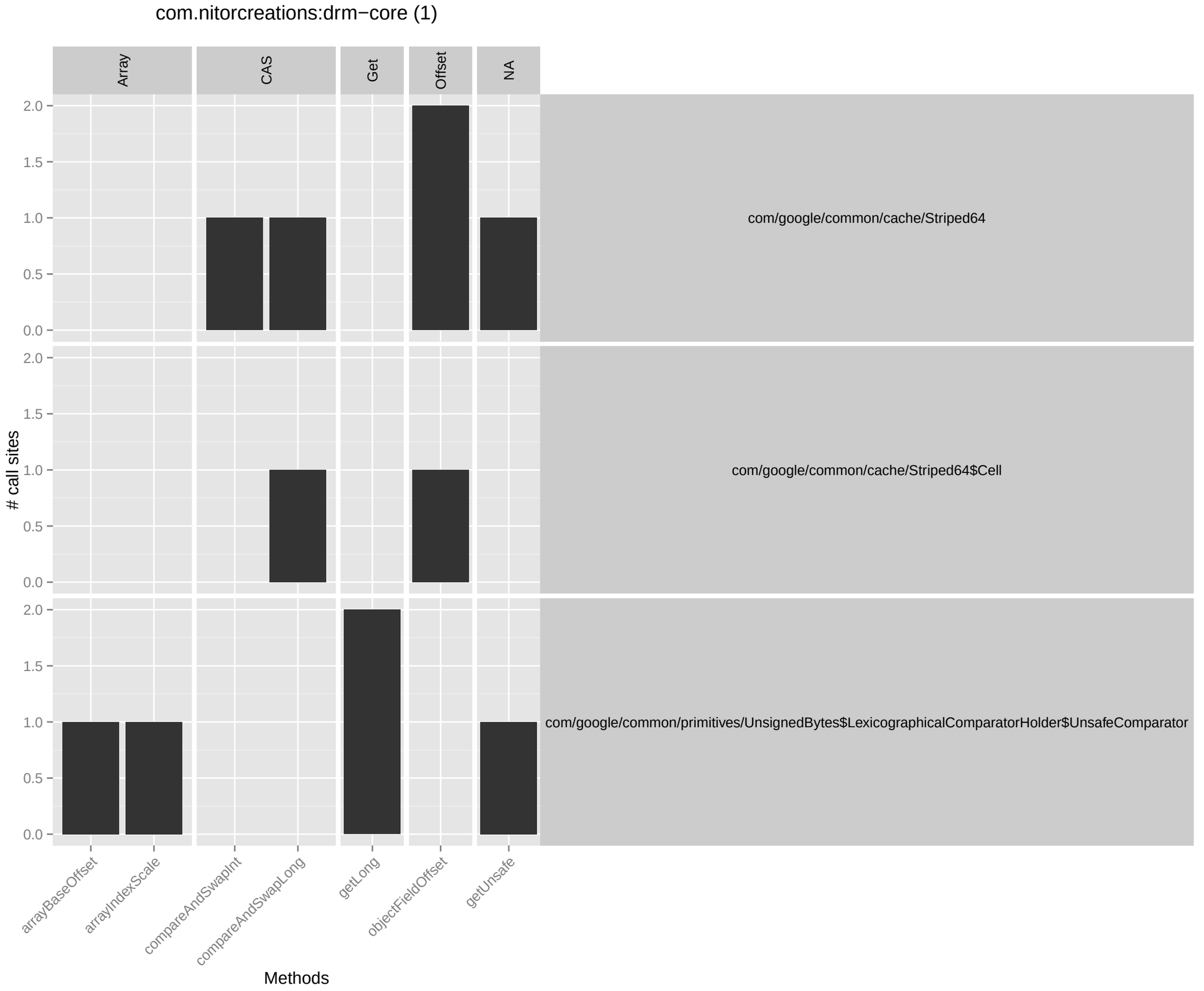

com.jolbox:bonecp−provider (1)
CAS
Offset
Put
NA
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

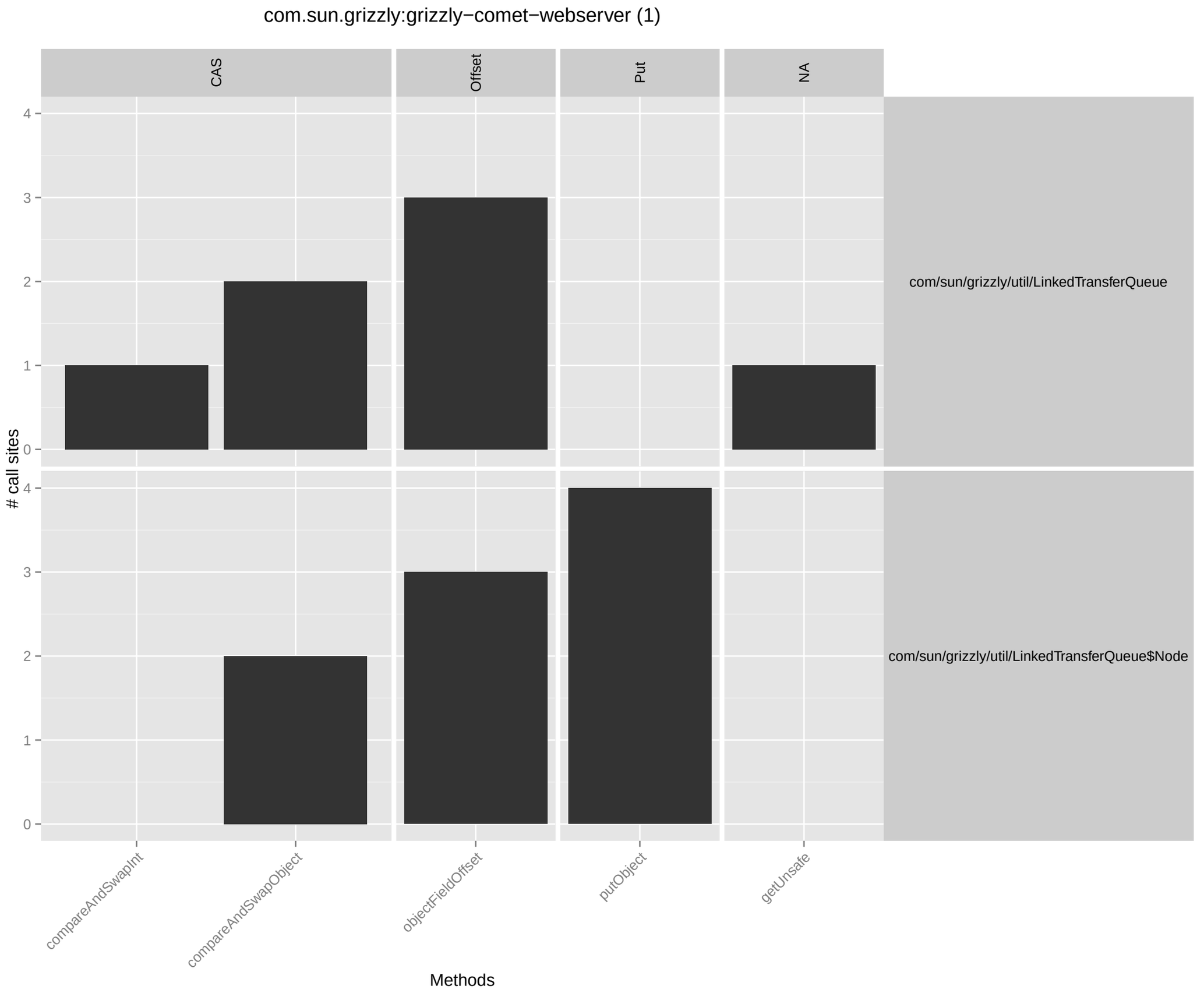

com.netflix.numerus:numerus (1)
CAS
Offset
NA
com/netflix/numerus/Striped64
com/netflix/numerus/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

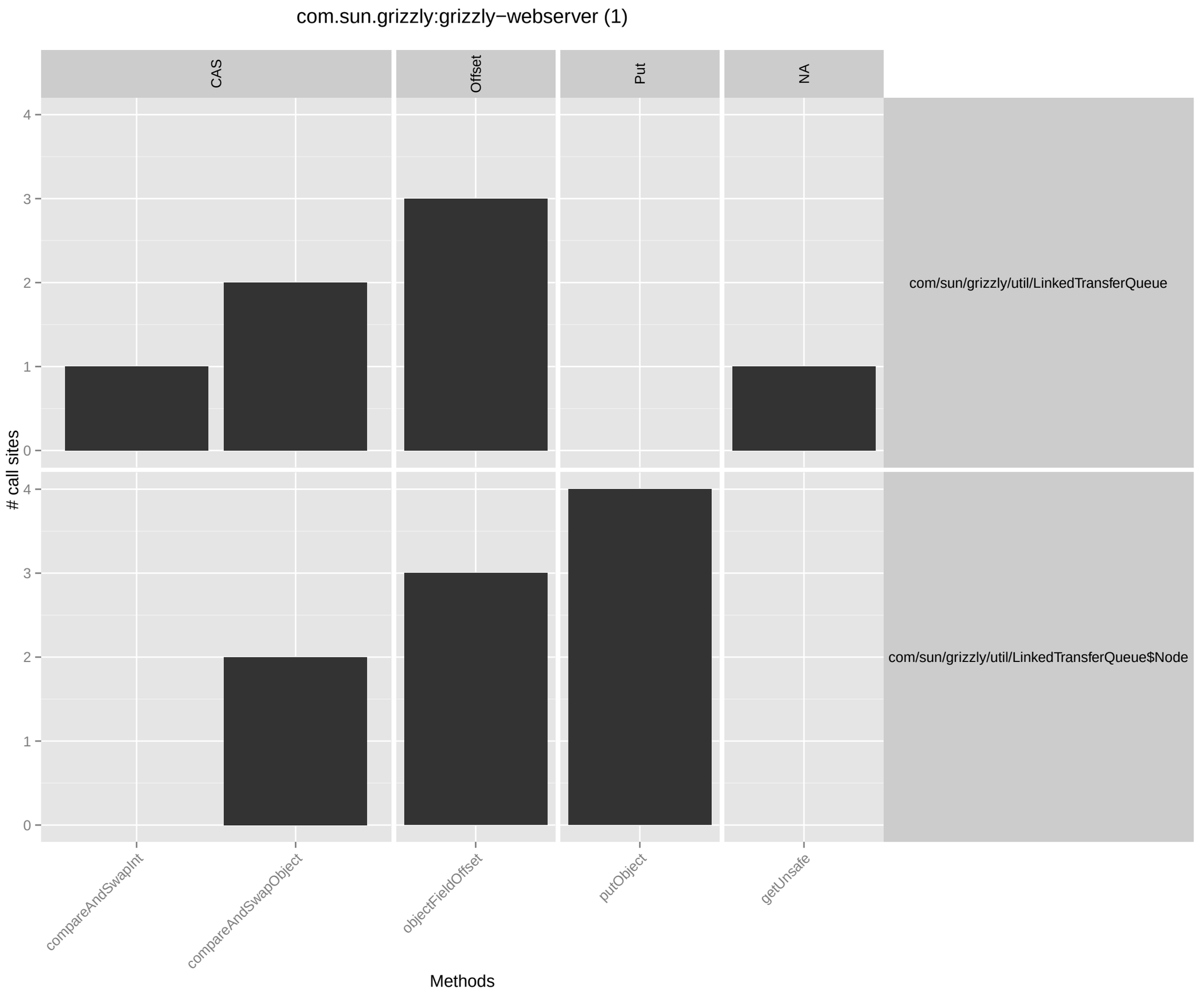

com.networkbench.newlens.agent.android:nbs.newlens.class.rewriter (1)
Array
CAS
Get
Offset
NA
com/networkbench/a/a/a/c/s
com/networkbench/a/a/a/c/s$a
com/networkbench/a/a/a/j/mab
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

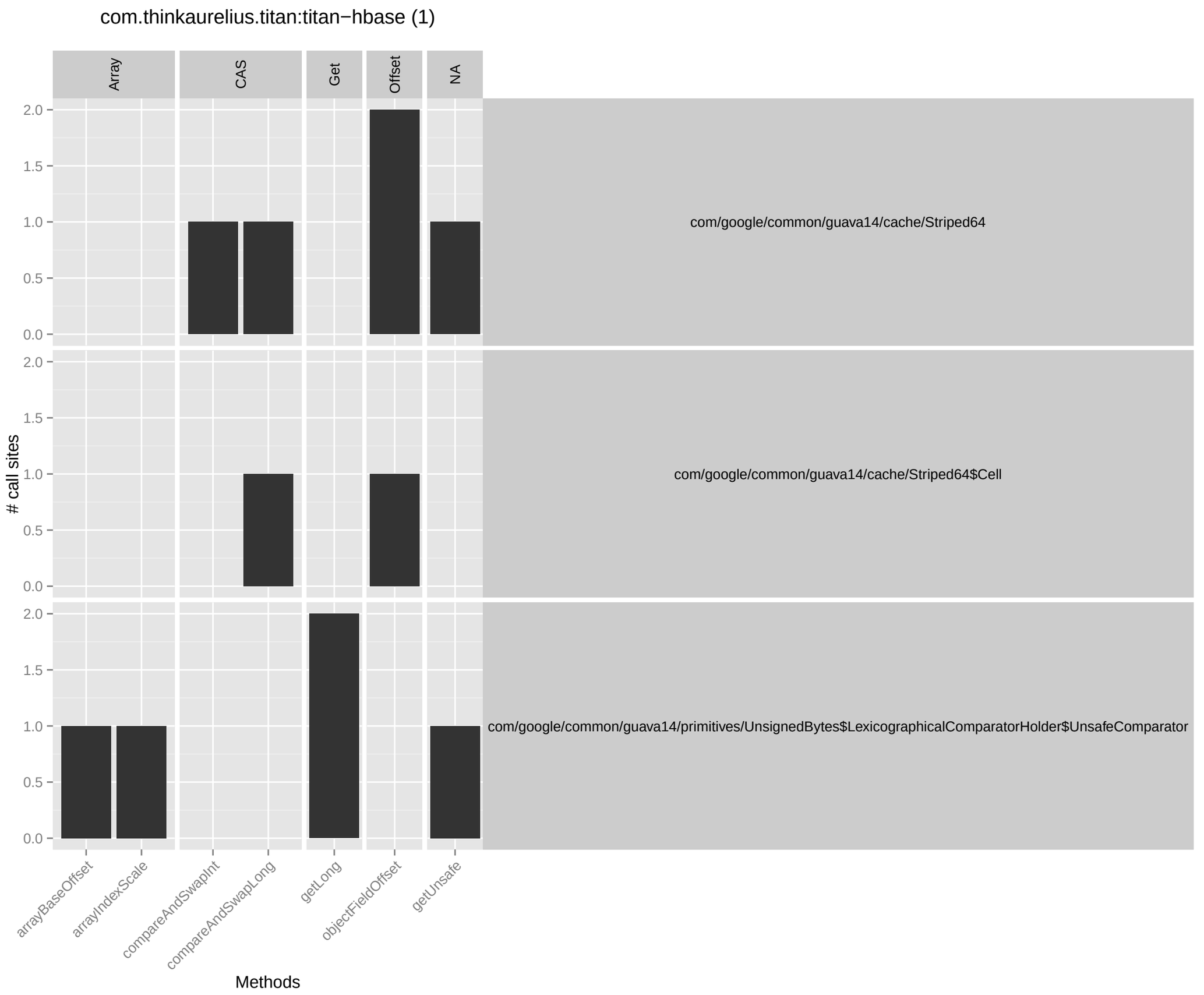

com.newrelic.agent.android:class−rewriter (1)
Array
CAS
Get
Offset
NA
com/newrelic/com/google/common/cache/Striped64
com/newrelic/com/google/common/cache/Striped64$Cell
com/newrelic/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

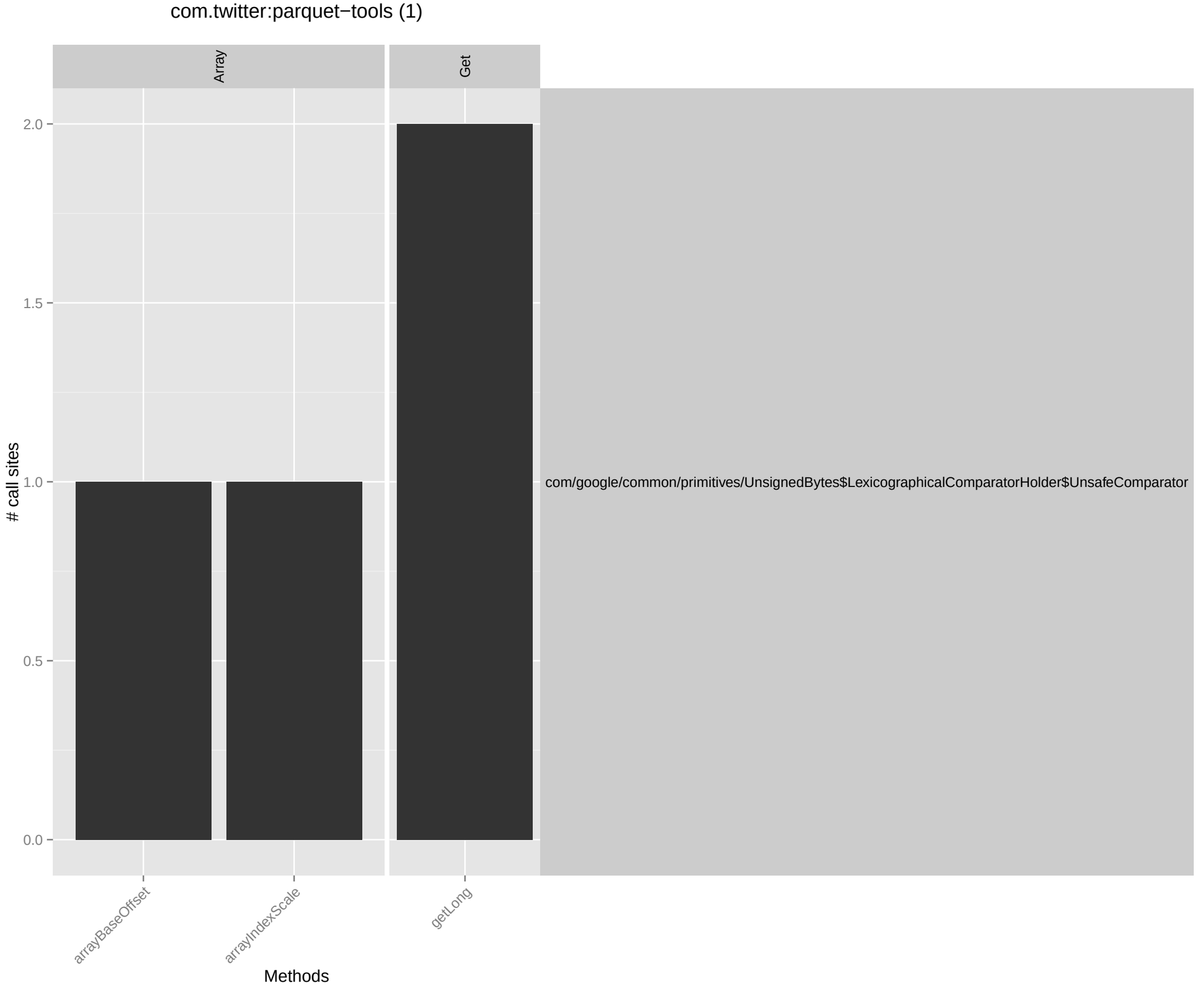

com.nfsdb:nfsdb−core (1)
Get
Off−Heap
Offset
Put
com/nfsdb/journal/Journal
com/nfsdb/journal/Journal$1
com/nfsdb/journal/Partition
com/nfsdb/journal/column/FixedColumn
com/nfsdb/journal/column/MappedFileImpl
com/nfsdb/journal/column/NullsColumn
com/nfsdb/journal/column/VariableColumn
com/nfsdb/journal/factory/configuration/JournalMetadataBuilder
com/nfsdb/journal/index/KVIndex
com/nfsdb/journal/iterators/ReplayIterator$1
com/nfsdb/journal/map/JournalHashMap
com/nfsdb/journal/printer/JournalPrinter
com/nfsdb/journal/printer/converter/BooleanConverter
com/nfsdb/journal/printer/converter/ByteConverter
com/nfsdb/journal/printer/converter/DateConverter
com/nfsdb/journal/printer/converter/DoubleConverter
com/nfsdb/journal/printer/converter/IntConverter
com/nfsdb/journal/printer/converter/LongConverter
com/nfsdb/journal/printer/converter/ScaledDoubleConverter
com/nfsdb/journal/printer/converter/StringConverter
com/nfsdb/journal/printer/converter/StripCRLFStringConverter
com/nfsdb/journal/utils/BitSetAccessor
call sites
Methods
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort

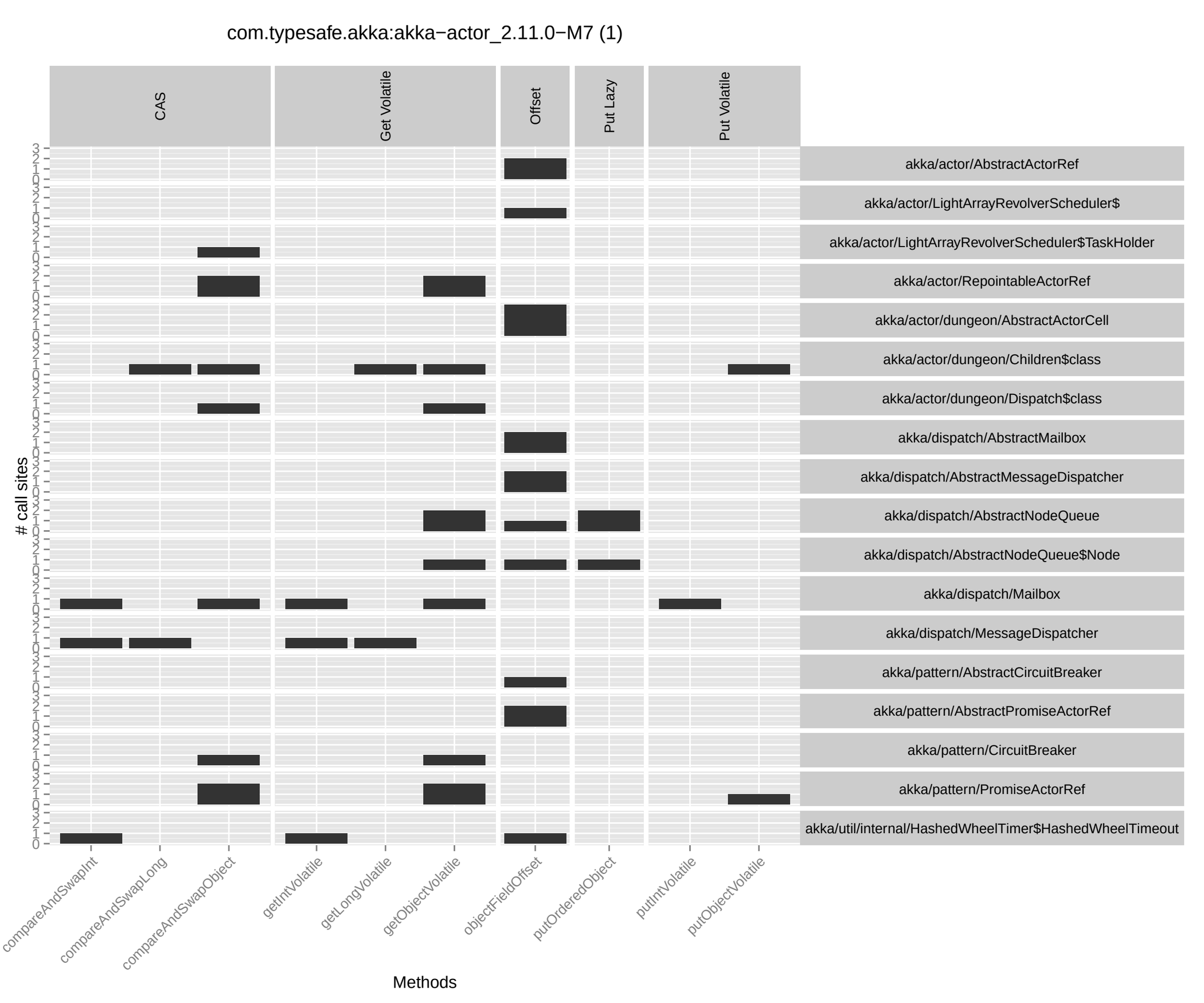

com.nitorcreations:drm−core (1)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

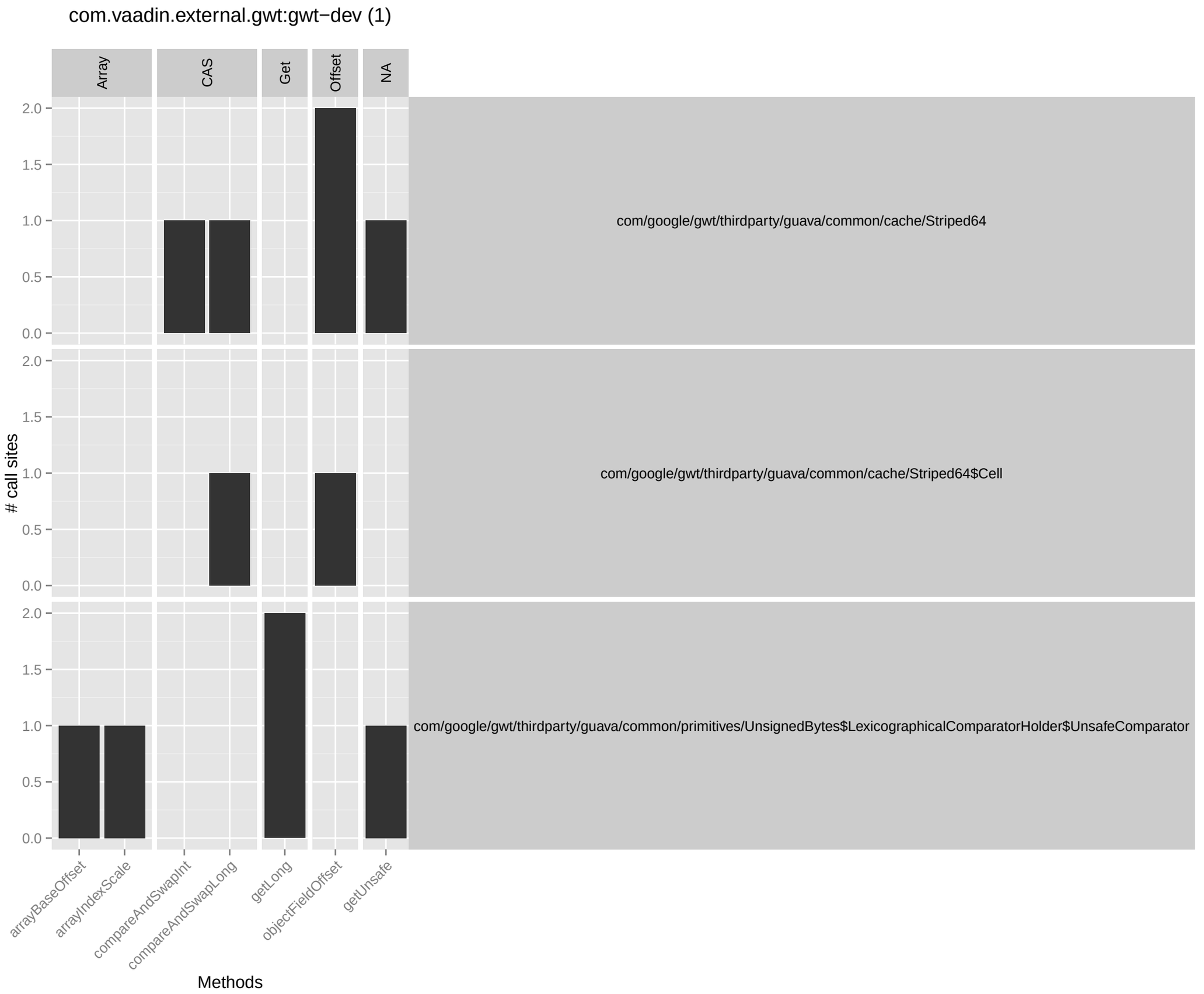

com.sun.grizzly:grizzly−comet−webserver (1)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

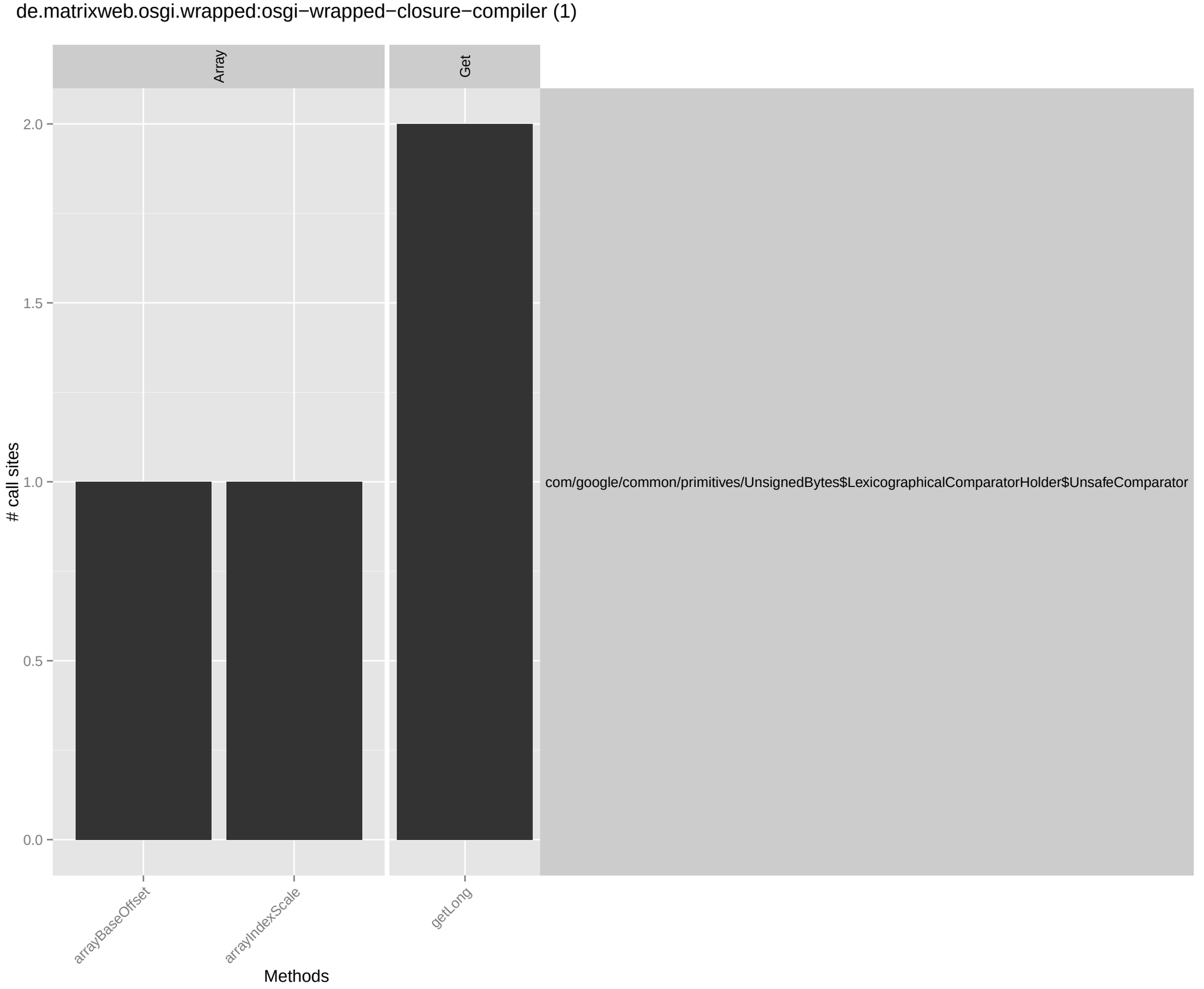

com.sun.grizzly:grizzly−webserver (1)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

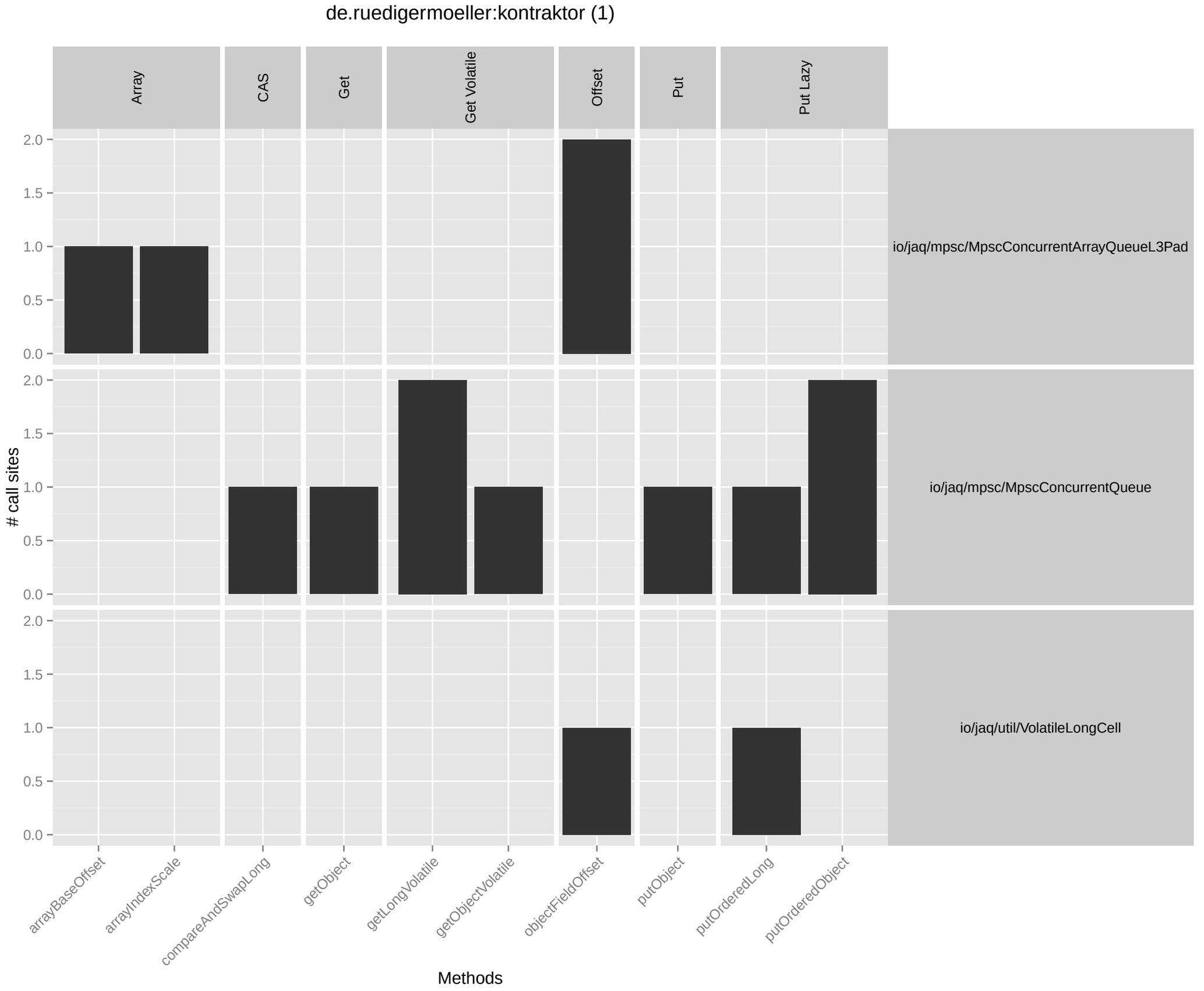

com.thinkaurelius.titan:titan−hbase (1)
Array
CAS
Get
Offset
NA
com/google/common/guava14/cache/Striped64
com/google/common/guava14/cache/Striped64$Cell
com/google/common/guava14/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

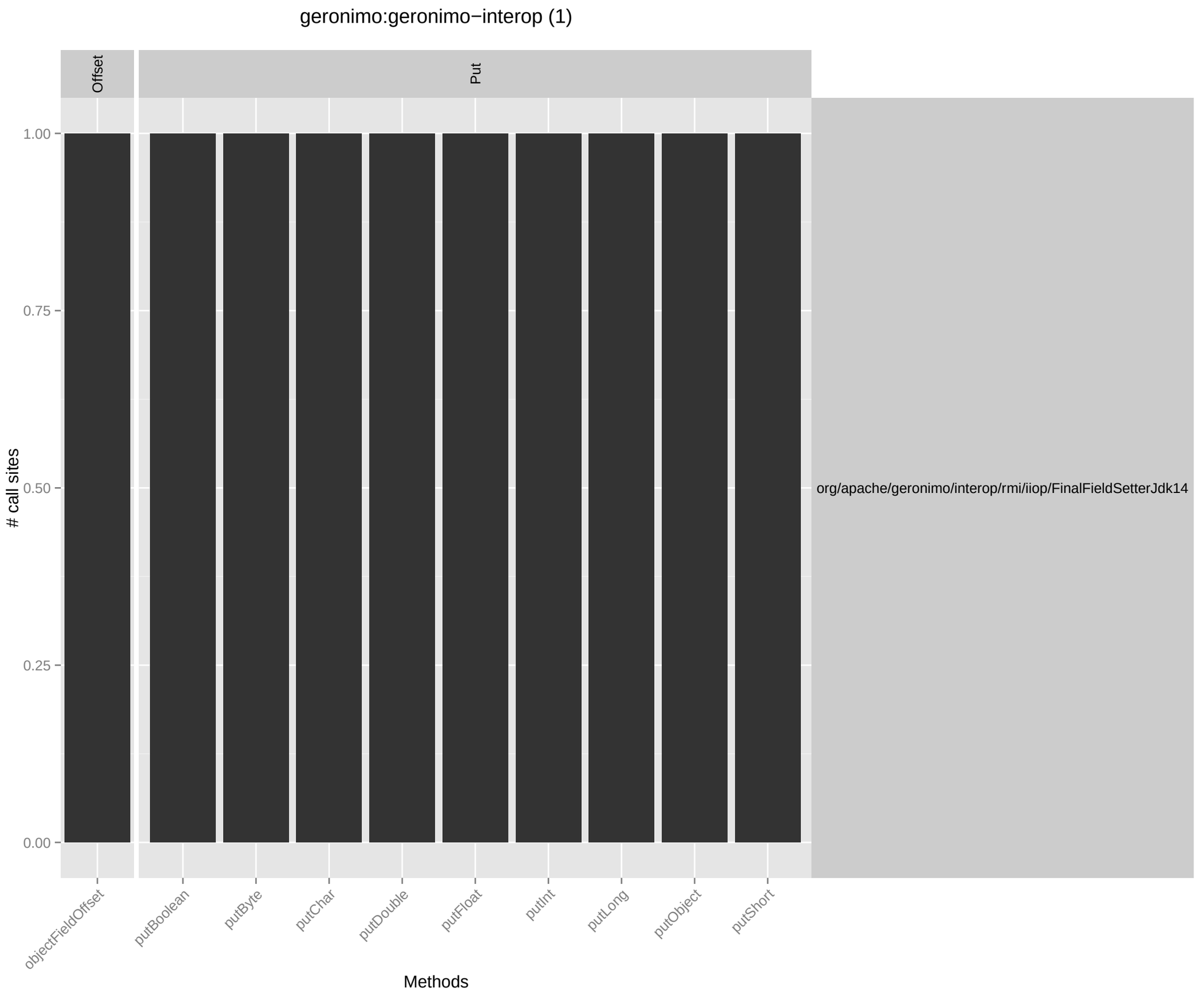

com.twitter:parquet−tools (1)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

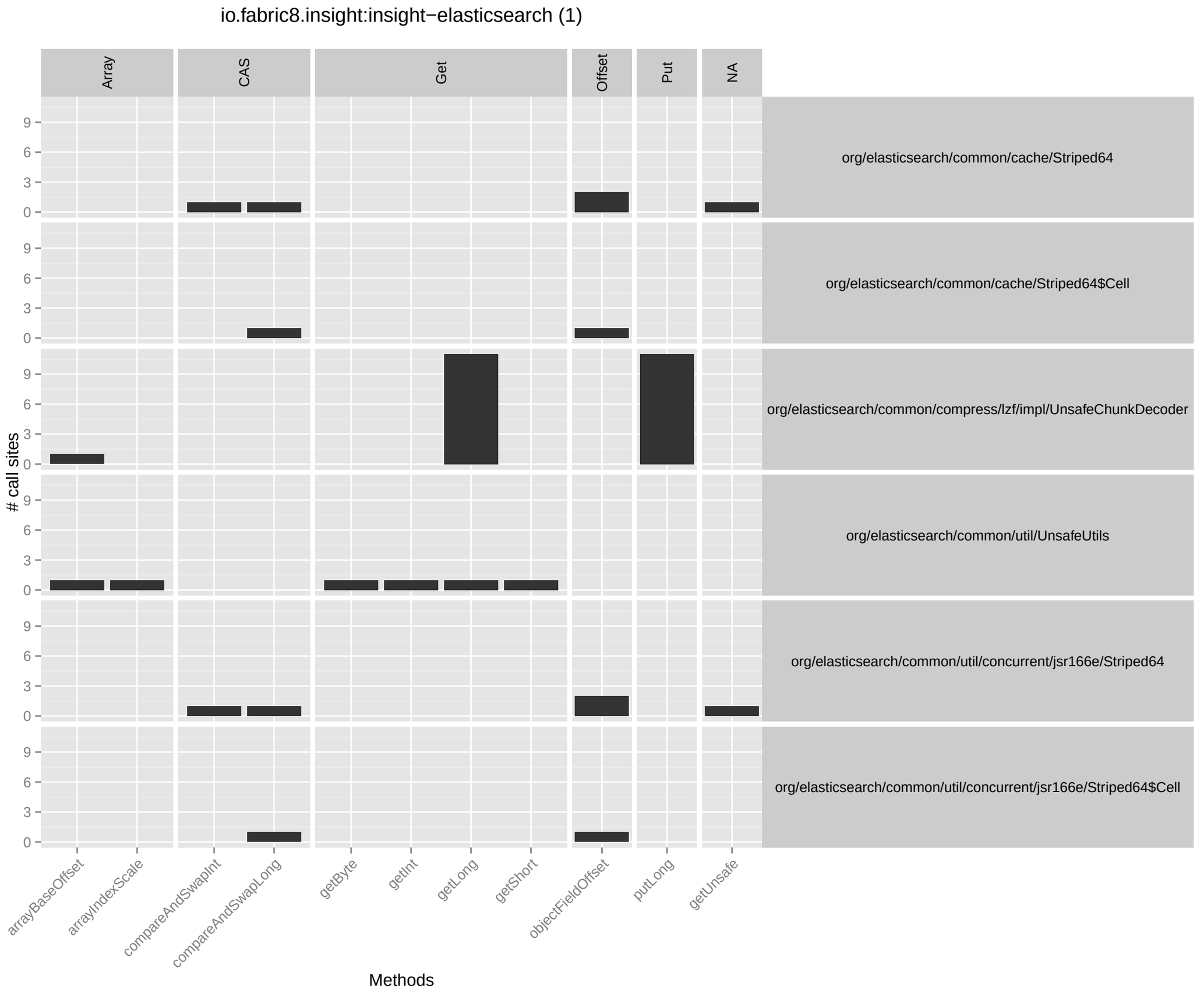

com.typesafe.akka:akka−actor_2.11.0−M7 (1)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

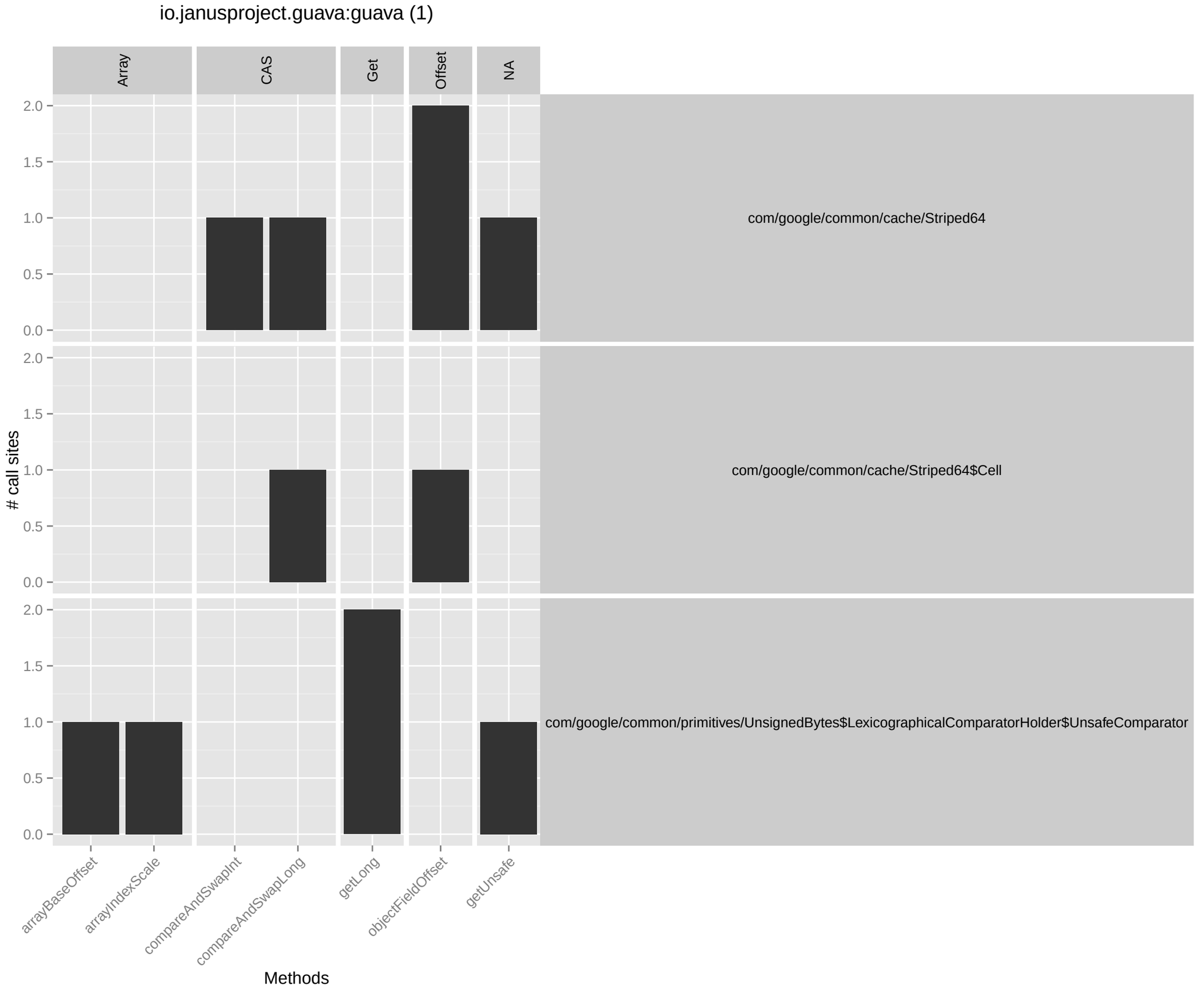

com.vaadin.external.gwt:gwt−dev (1)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

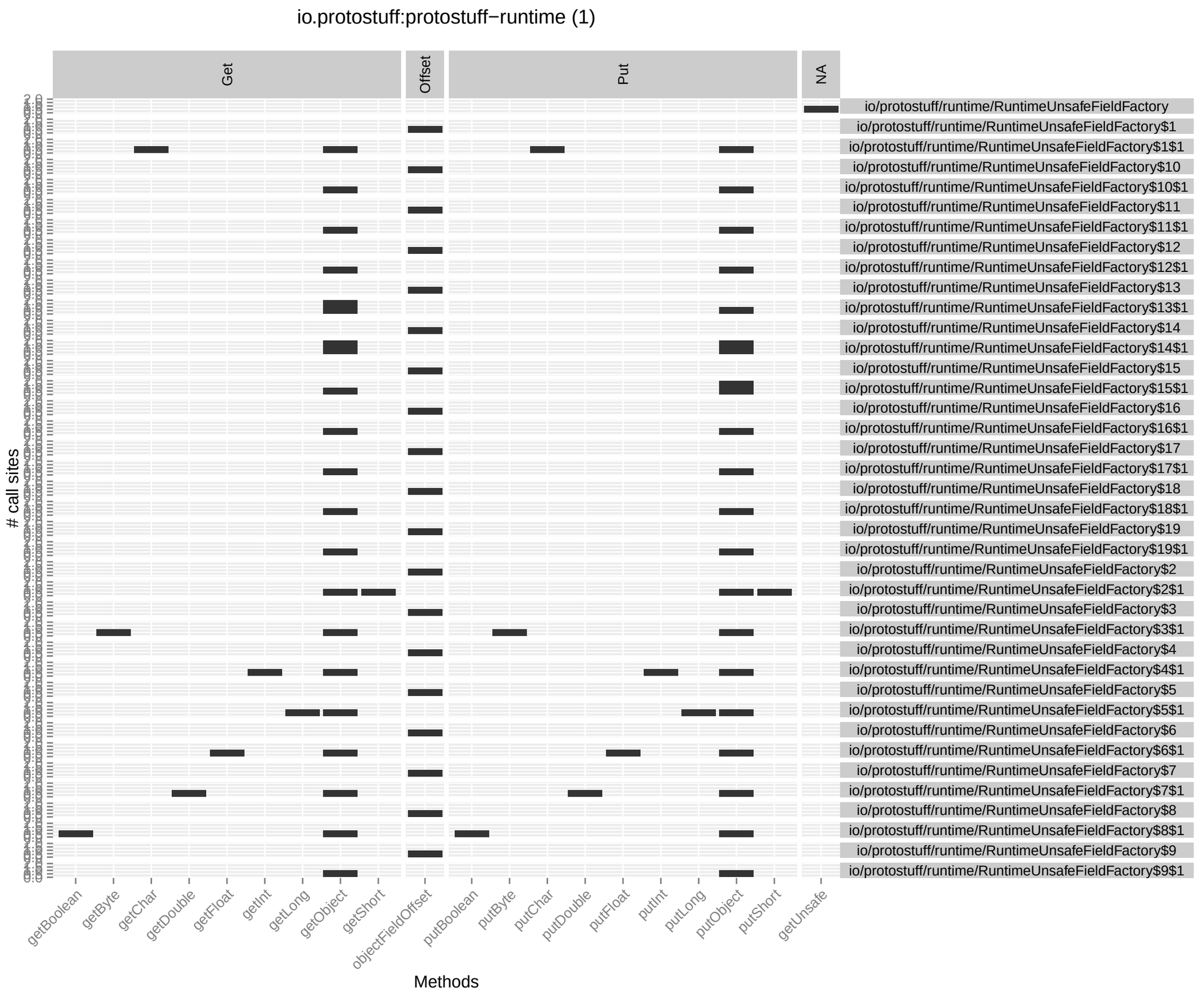

de.matrixweb.osgi.wrapped:osgi−wrapped−closure−compiler (1)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

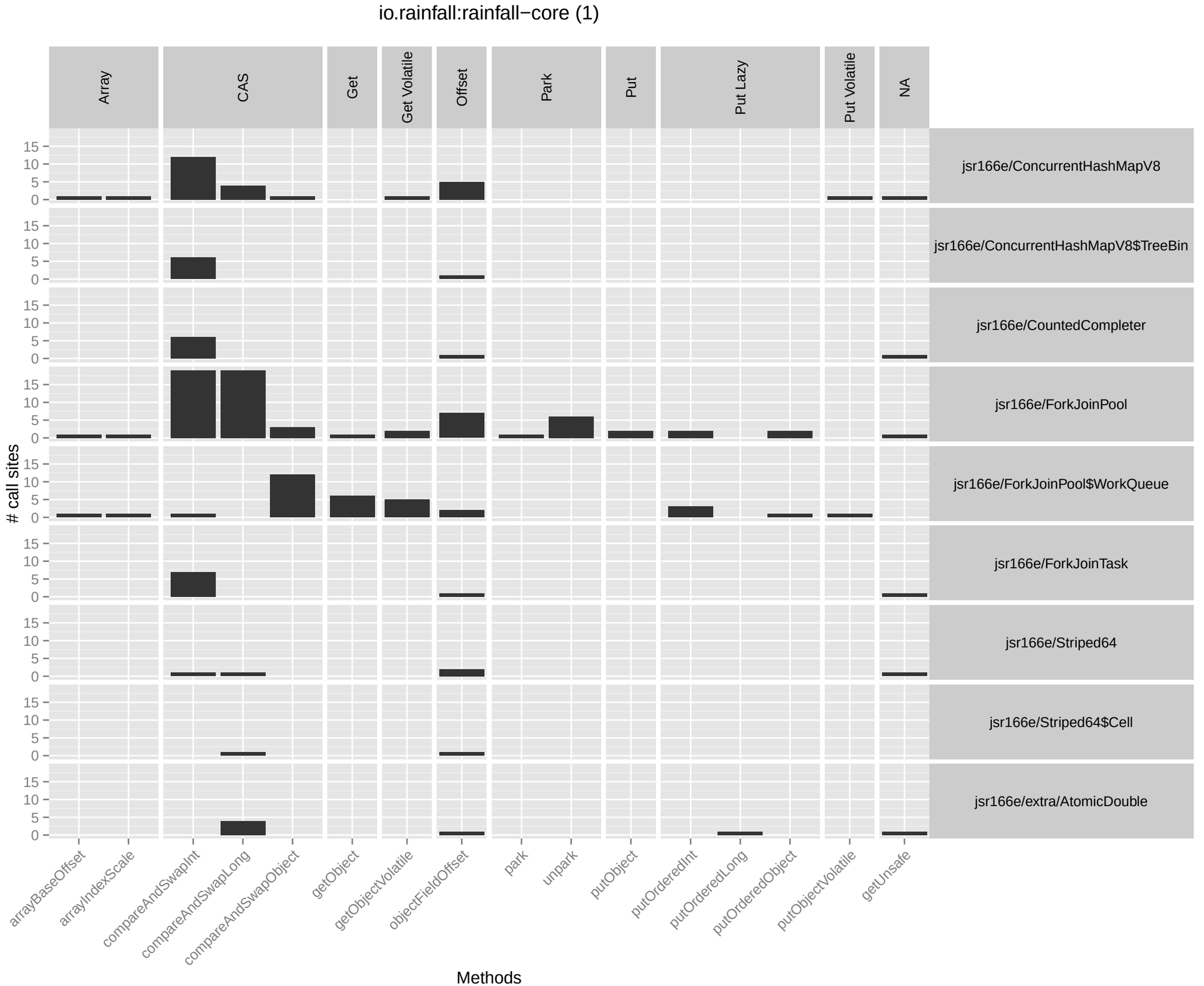

de.ruedigermoeller:kontraktor (1)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
io/jaq/mpsc/MpscConcurrentArrayQueueL3Pad
io/jaq/mpsc/MpscConcurrentQueue
io/jaq/util/VolatileLongCell
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

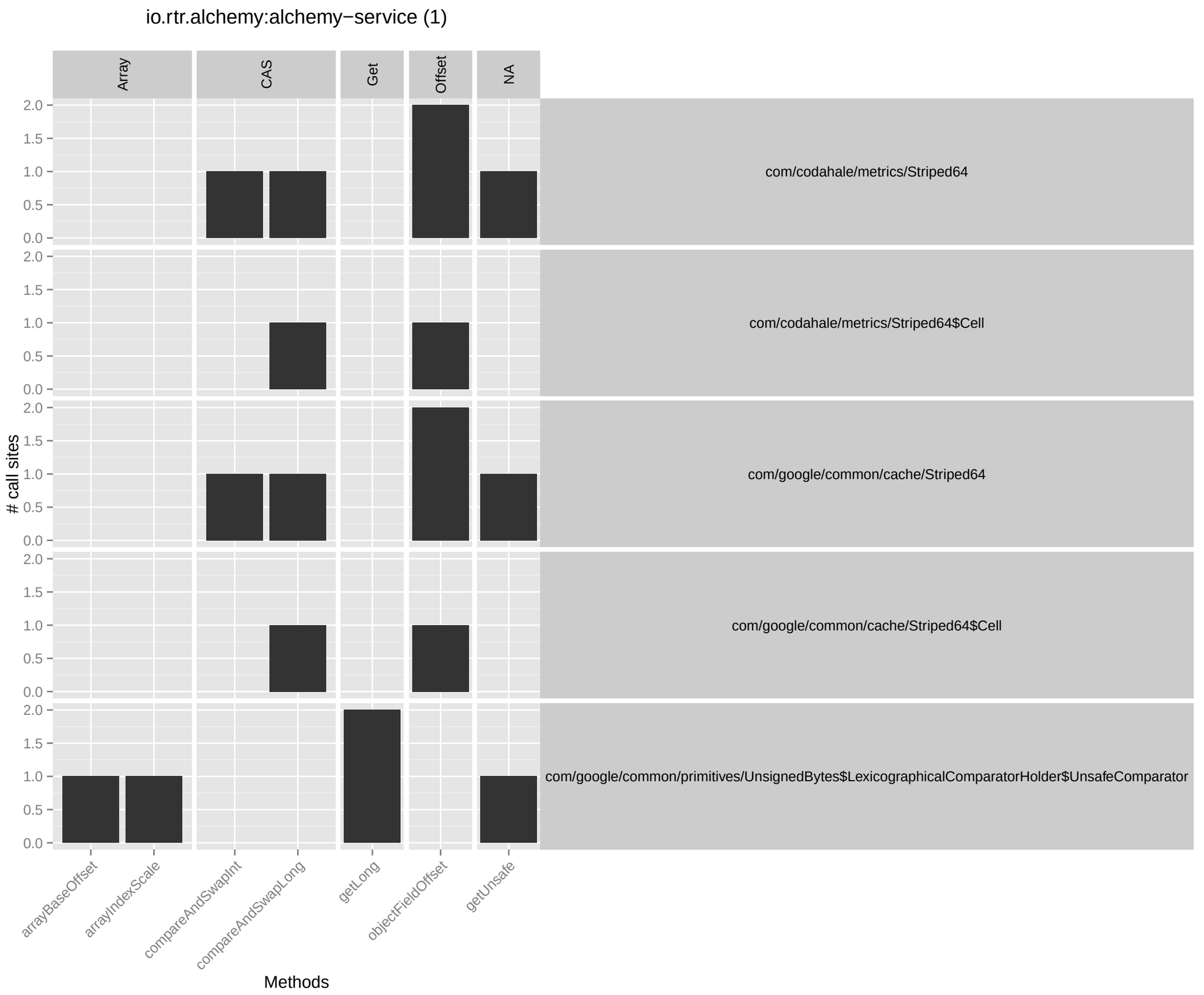

geronimo:geronimo−interop (1)
Offset
Put
org/apache/geronimo/interop/rmi/iiop/FinalFieldSetterJdk14
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

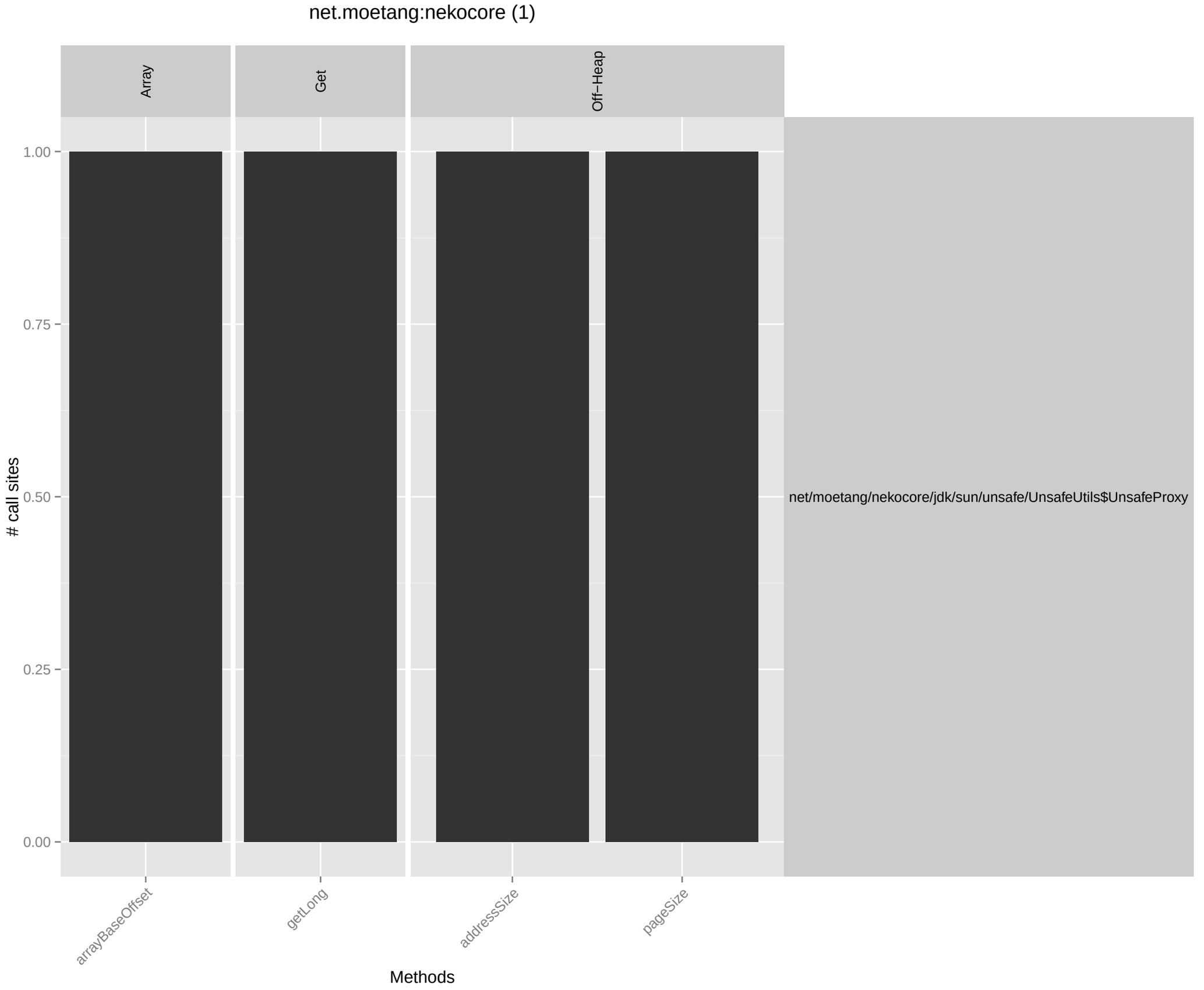

io.fabric8.insight:insight−elasticsearch (1)
Array
CAS
Get
Offset
Put
NA
org/elasticsearch/common/cache/Striped64
org/elasticsearch/common/cache/Striped64$Cell
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/util/UnsafeUtils
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
call sites
0
3
6
9
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getByte
getInt
getLong
getShort
objectFieldOffset
putLong
getUnsafe
Methods

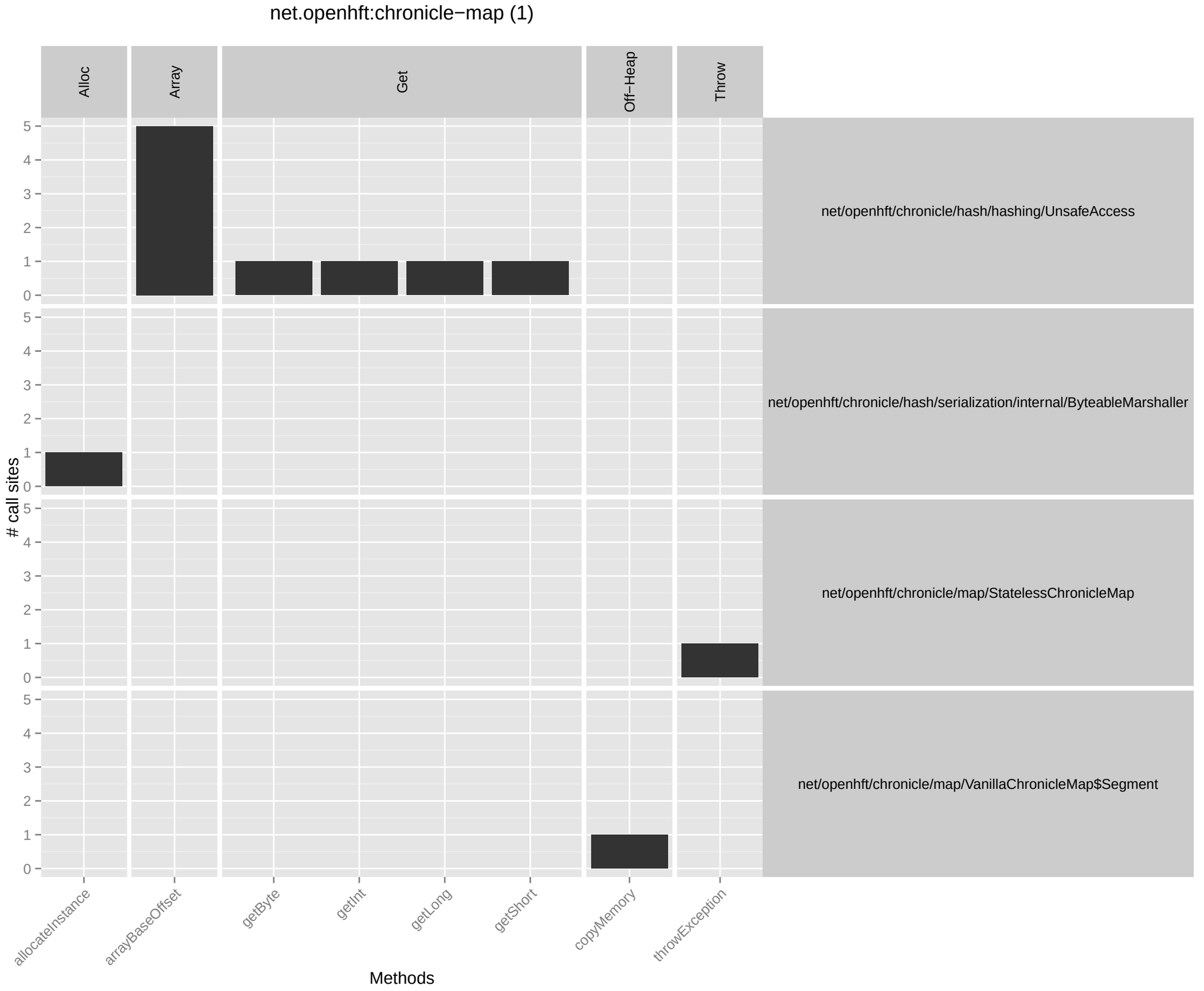

io.janusproject.guava:guava (1)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

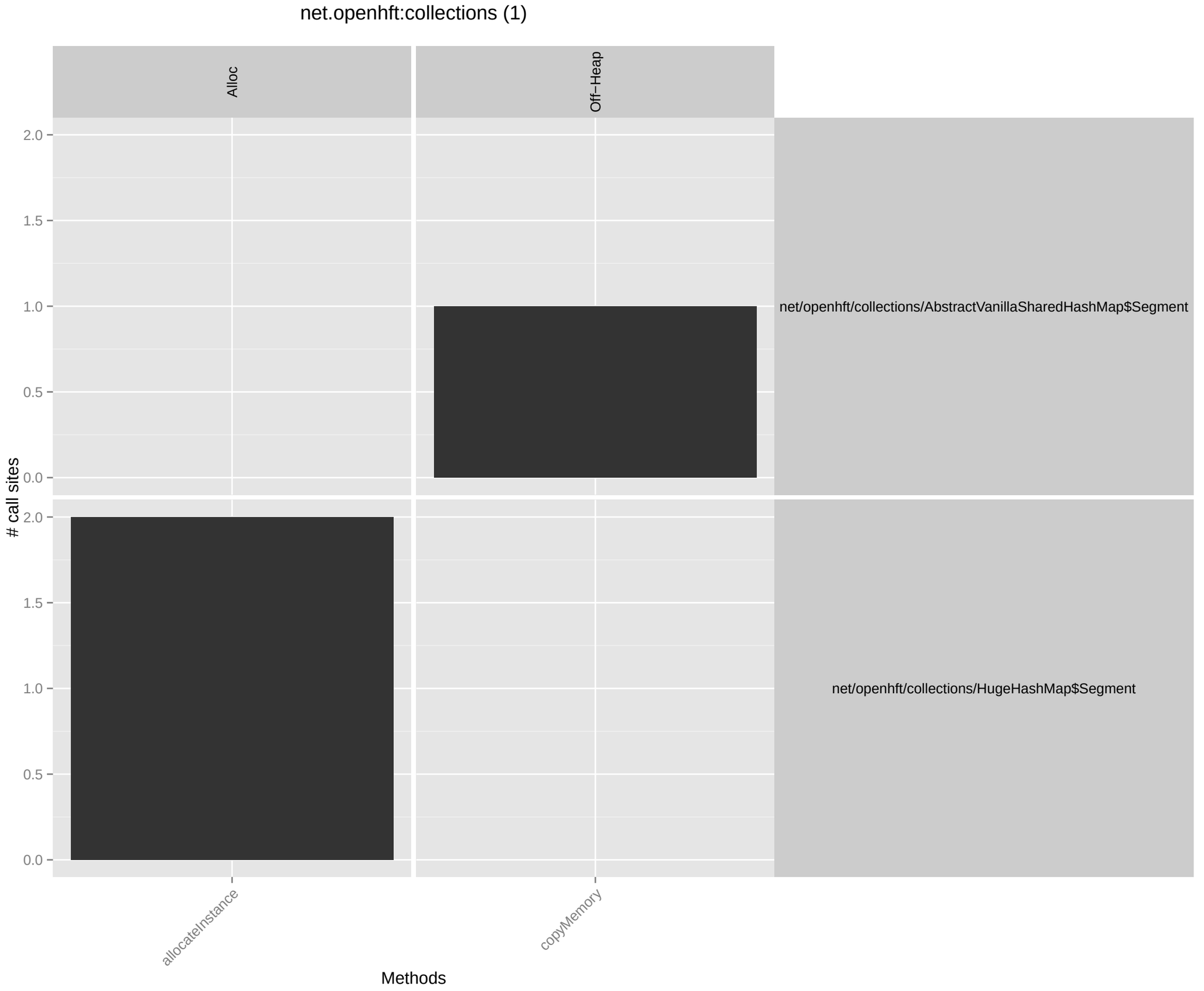

io.protostuff:protostuff−runtime (1)
Get
Offset
Put
NA
call sites
Methods
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
io/protostuff/runtime/RuntimeUnsafeFieldFactory
io/protostuff/runtime/RuntimeUnsafeFieldFactory$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$1$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$10
io/protostuff/runtime/RuntimeUnsafeFieldFactory$10$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$11
io/protostuff/runtime/RuntimeUnsafeFieldFactory$11$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$12
io/protostuff/runtime/RuntimeUnsafeFieldFactory$12$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$13
io/protostuff/runtime/RuntimeUnsafeFieldFactory$13$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$14
io/protostuff/runtime/RuntimeUnsafeFieldFactory$14$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$15
io/protostuff/runtime/RuntimeUnsafeFieldFactory$15$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$16
io/protostuff/runtime/RuntimeUnsafeFieldFactory$16$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$17
io/protostuff/runtime/RuntimeUnsafeFieldFactory$17$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$18
io/protostuff/runtime/RuntimeUnsafeFieldFactory$18$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$19
io/protostuff/runtime/RuntimeUnsafeFieldFactory$19$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$2
io/protostuff/runtime/RuntimeUnsafeFieldFactory$2$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$3
io/protostuff/runtime/RuntimeUnsafeFieldFactory$3$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$4
io/protostuff/runtime/RuntimeUnsafeFieldFactory$4$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$5
io/protostuff/runtime/RuntimeUnsafeFieldFactory$5$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$6
io/protostuff/runtime/RuntimeUnsafeFieldFactory$6$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$7
io/protostuff/runtime/RuntimeUnsafeFieldFactory$7$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$8
io/protostuff/runtime/RuntimeUnsafeFieldFactory$8$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$9
io/protostuff/runtime/RuntimeUnsafeFieldFactory$9$1

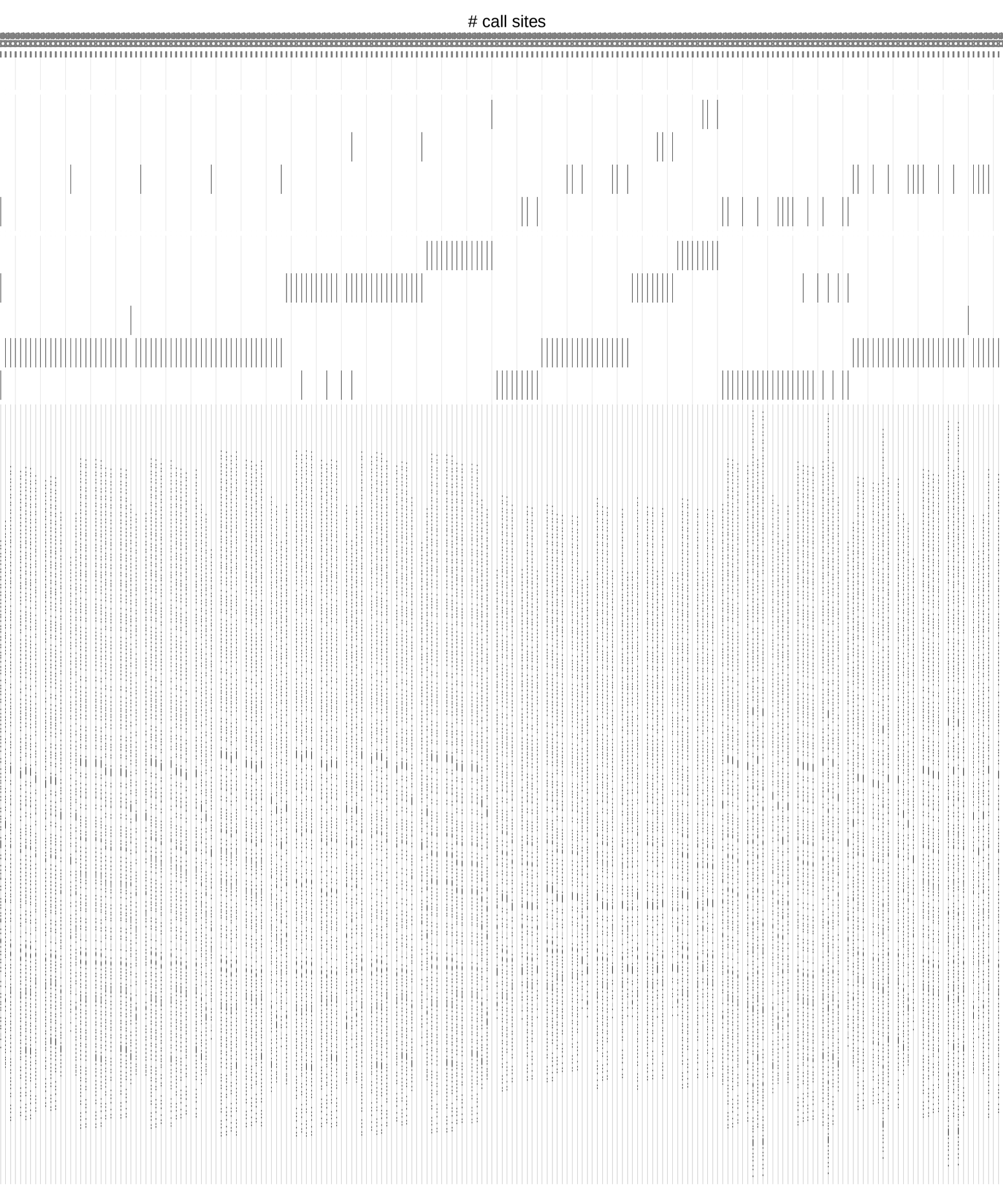

io.rainfall:rainfall−core (1)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
jsr166e/ConcurrentHashMapV8
jsr166e/ConcurrentHashMapV8$TreeBin
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putObjectVolatile
getUnsafe
Methods

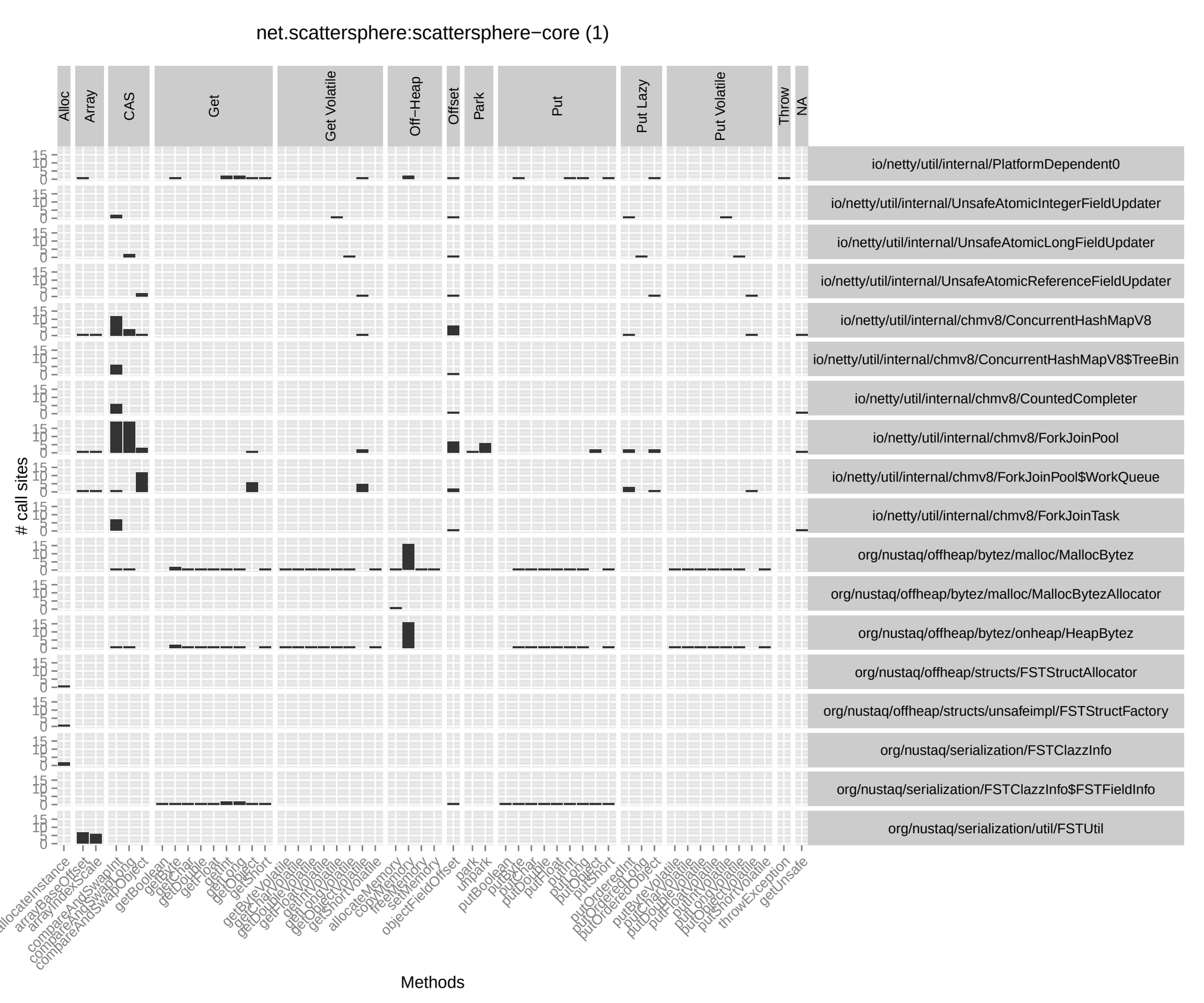

io.rtr.alchemy:alchemy−service (1)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

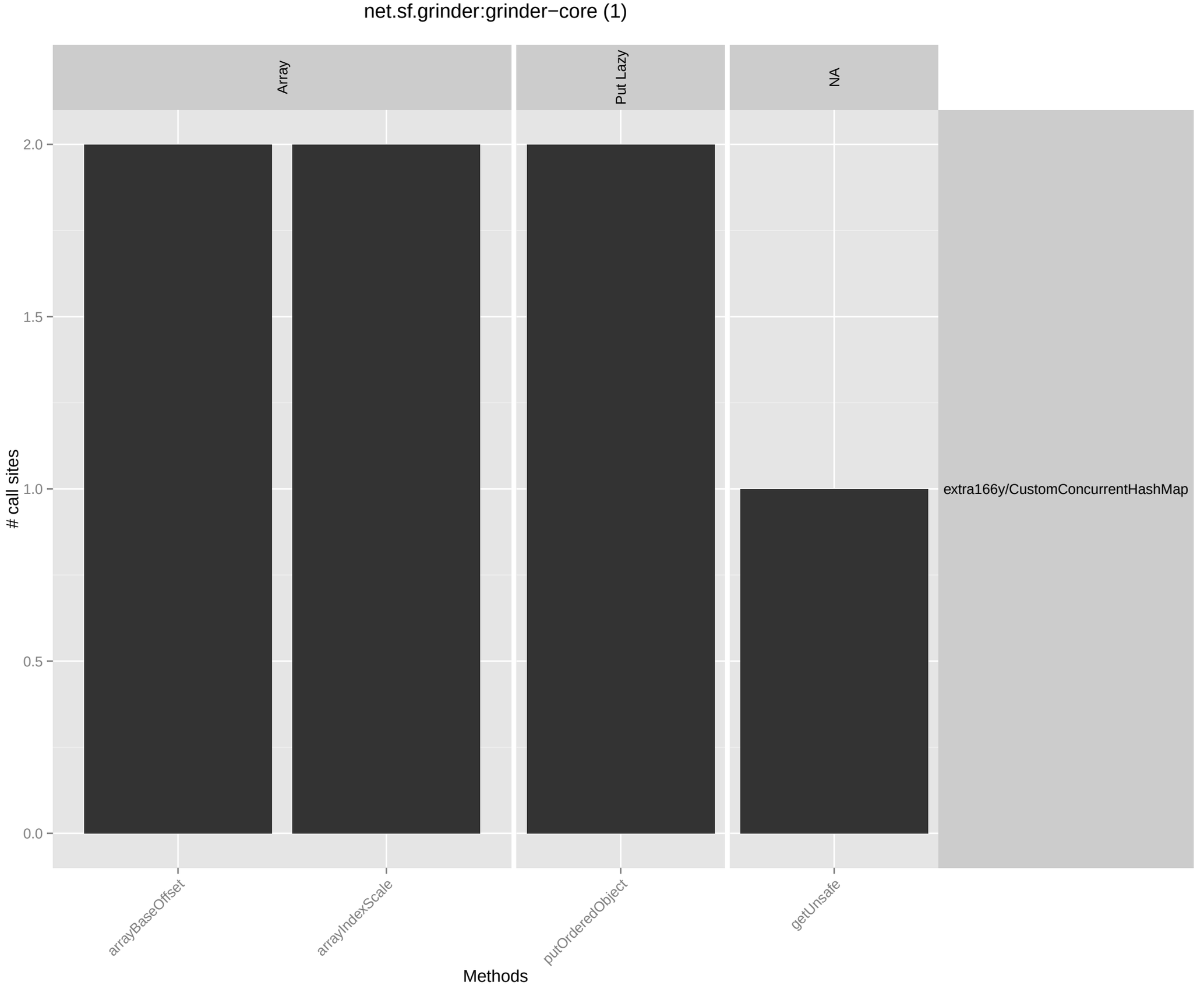

net.moetang:nekocore (1)
Array
Get
Off−Heap
net/moetang/nekocore/jdk/sun/unsafe/UnsafeUtils$UnsafeProxy
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getLong
addressSize
pageSize
Methods

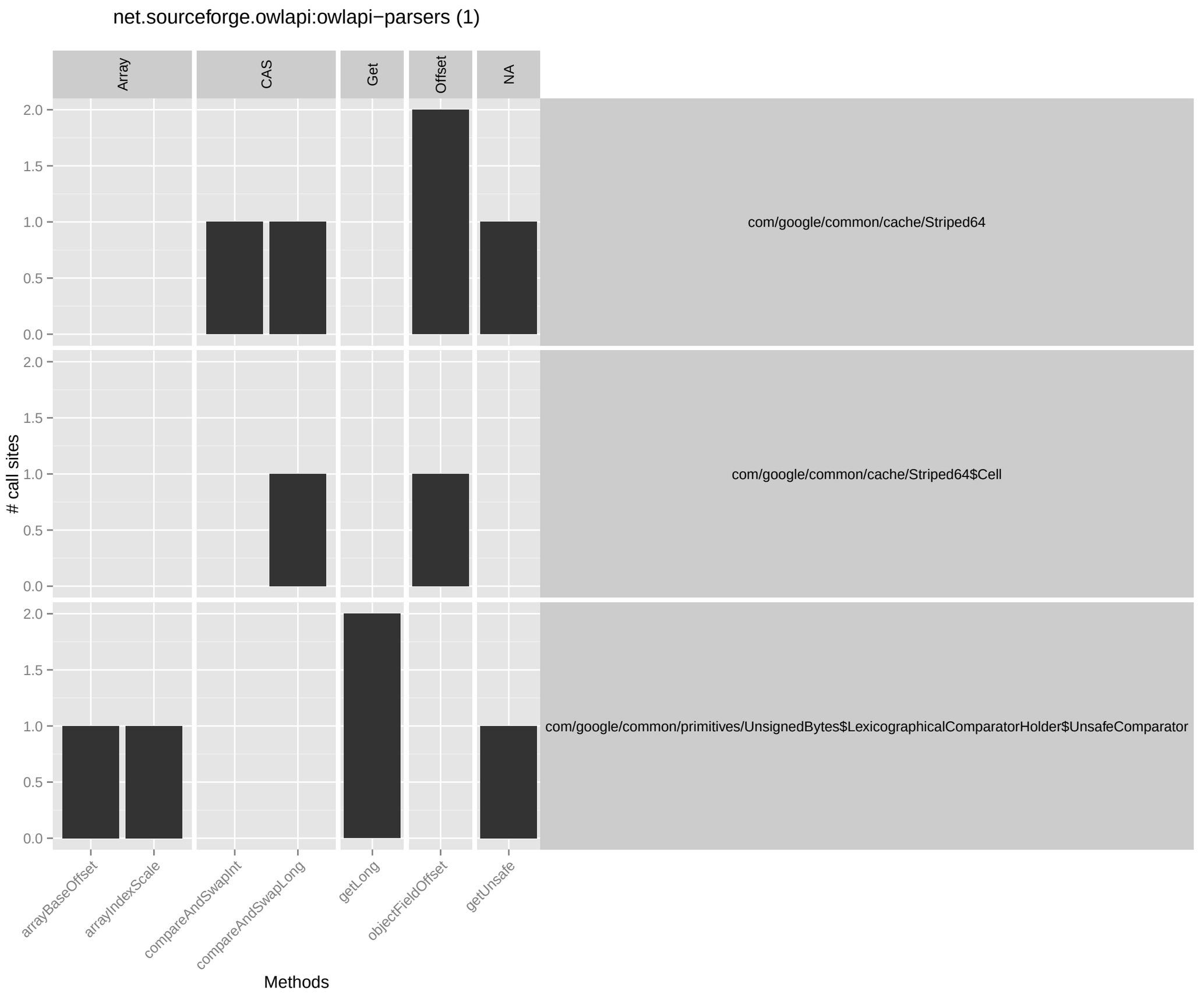

net.openhft:chronicle−map (1)
Alloc
Array
Get
Off−Heap
Throw
net/openhft/chronicle/hash/hashing/UnsafeAccess
net/openhft/chronicle/hash/serialization/internal/ByteableMarshaller
net/openhft/chronicle/map/StatelessChronicleMap
net/openhft/chronicle/map/VanillaChronicleMap$Segment
call sites
0
1
2
3
4
5
allocateInstance
arrayBaseOffset
getByte
getInt
getLong
getShort
copyMemory
throwException
Methods

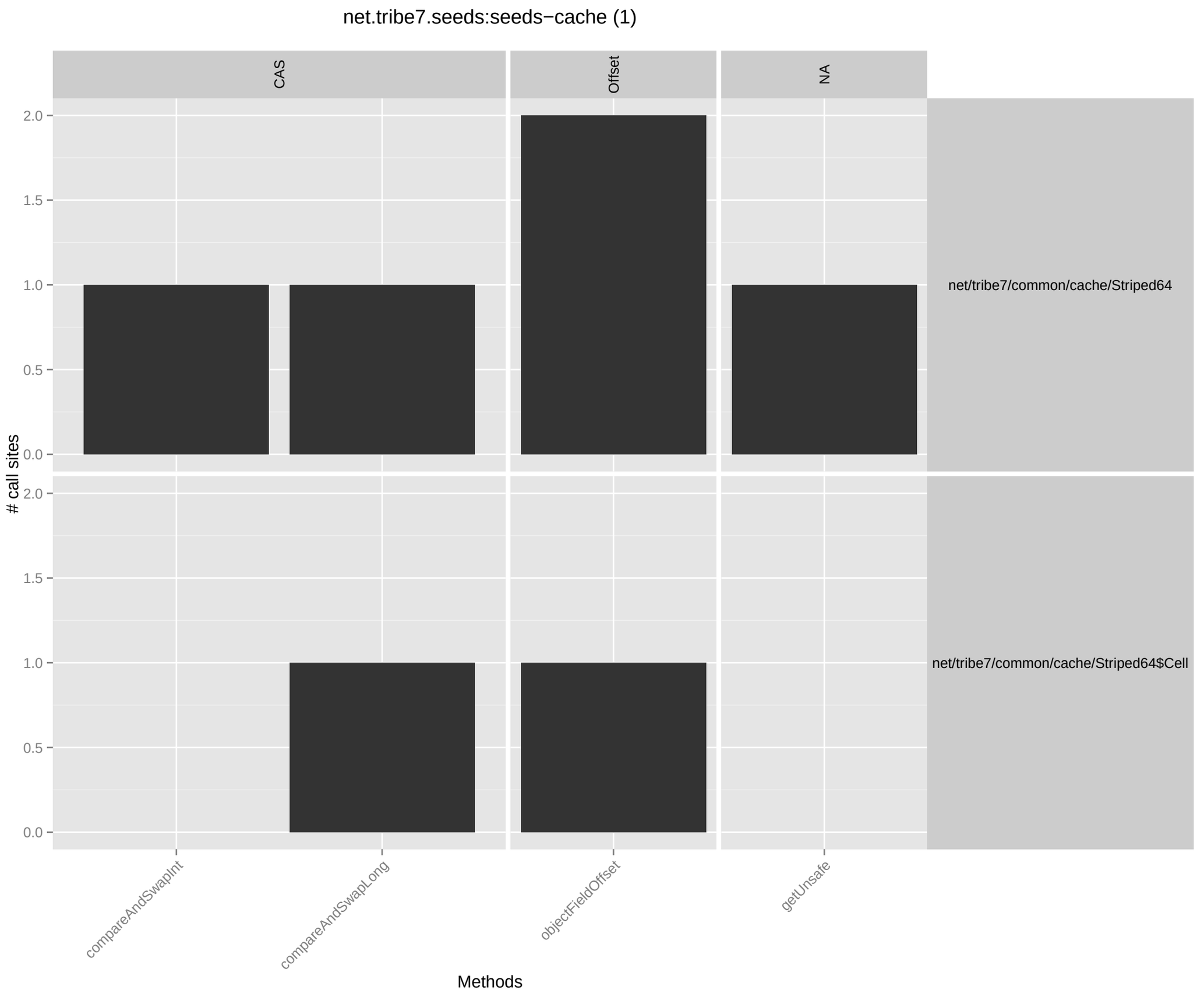

net.openhft:collections (1)
Alloc
Off−Heap
net/openhft/collections/AbstractVanillaSharedHashMap$Segment
net/openhft/collections/HugeHashMap$Segment
call sites
2.0
1.5
1.0
0.5
0.0
allocateInstance
copyMemory
Methods

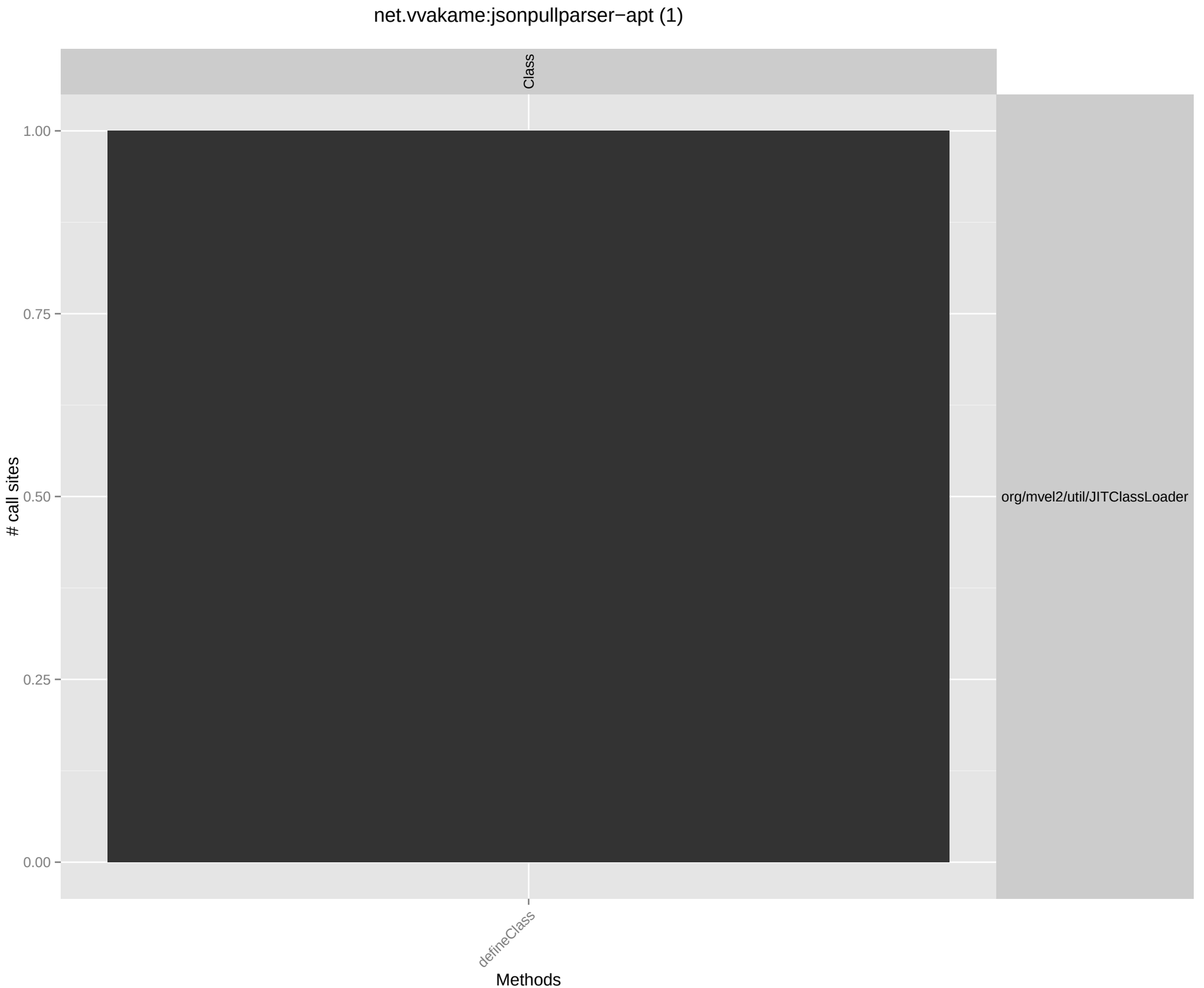

call sites

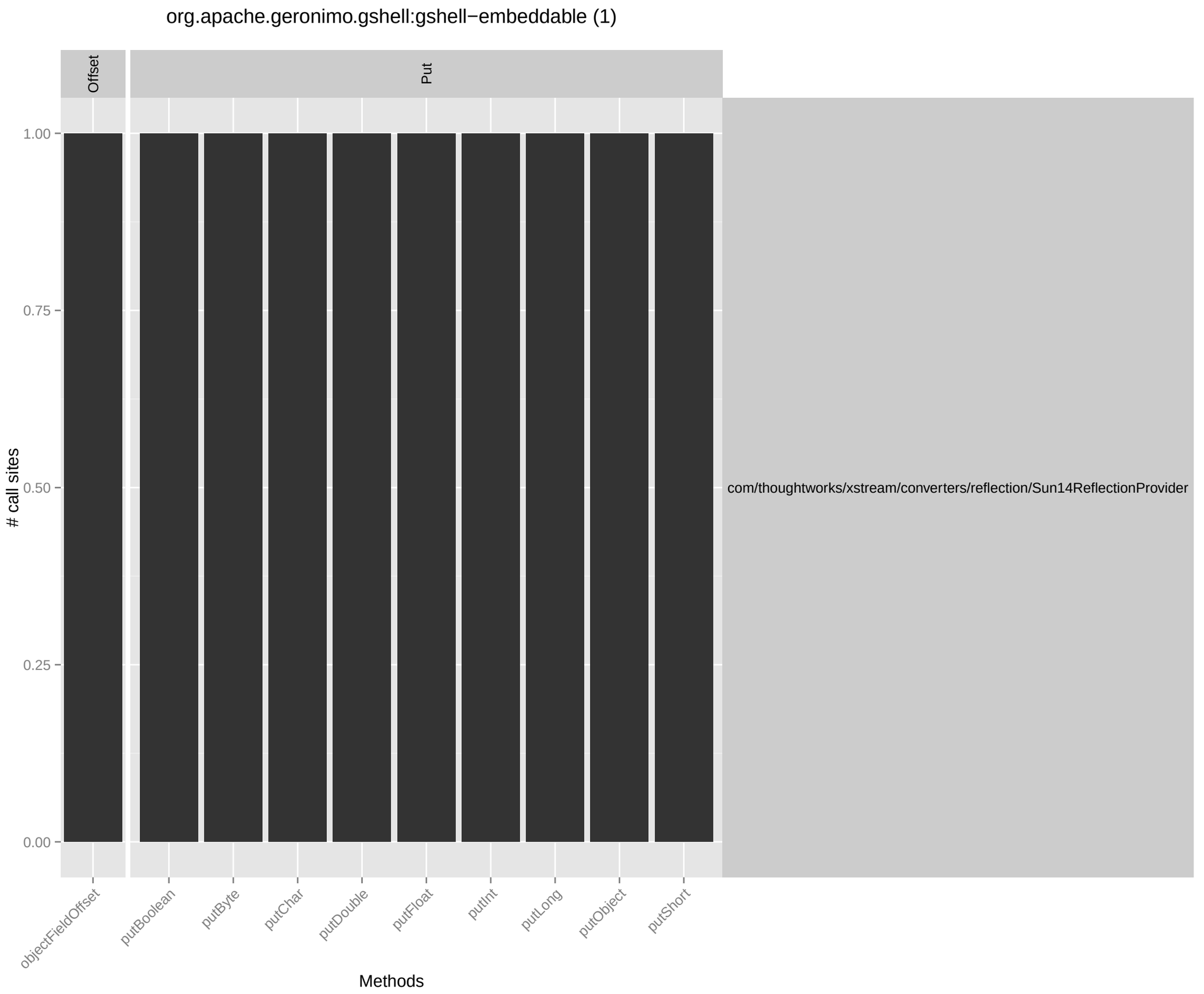

net.scattersphere:scattersphere−core (1)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/util/FSTUtil
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
throwException
getUnsafe

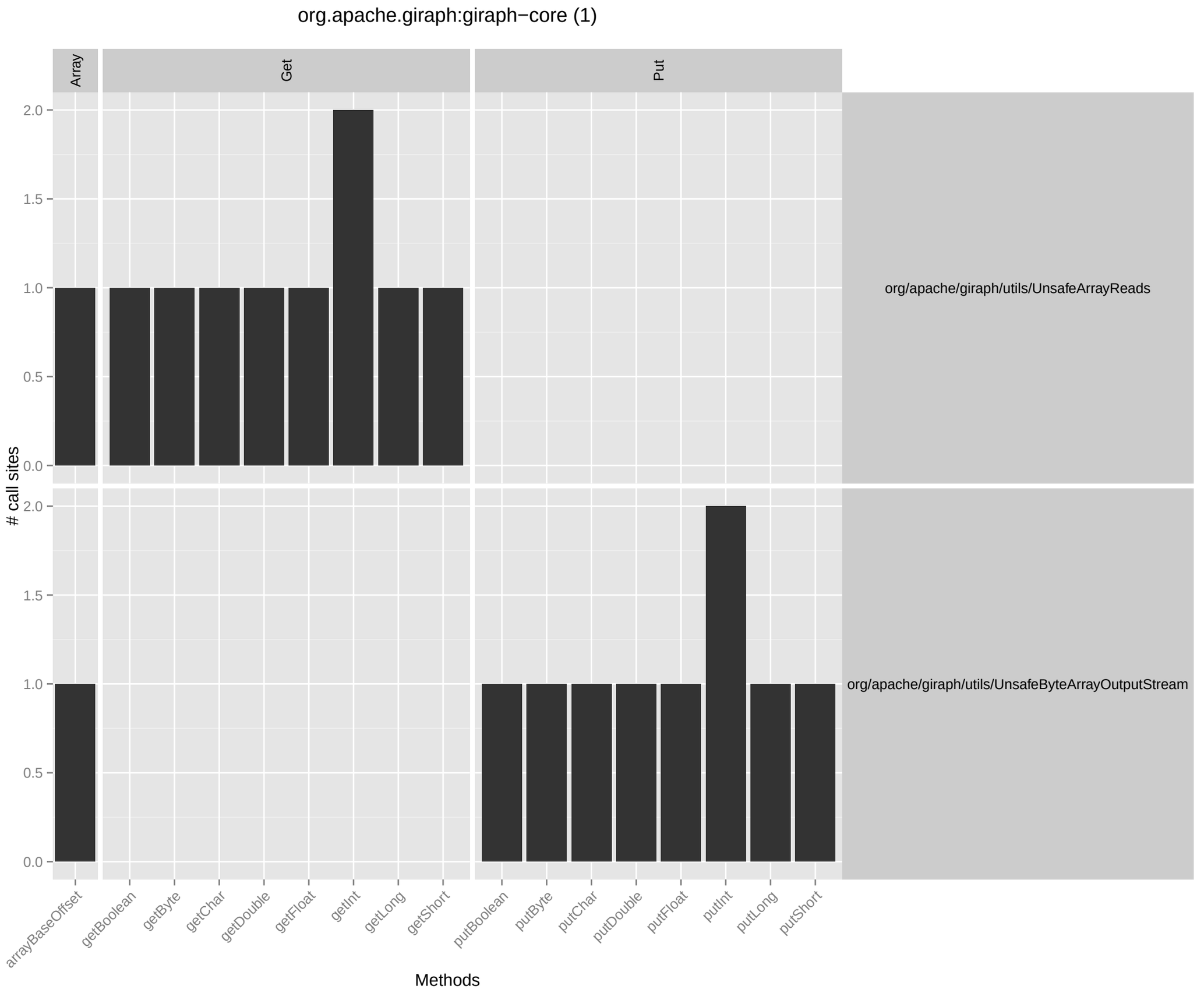

net.sf.grinder:grinder−core (1)
Array
Put Lazy
NA
extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

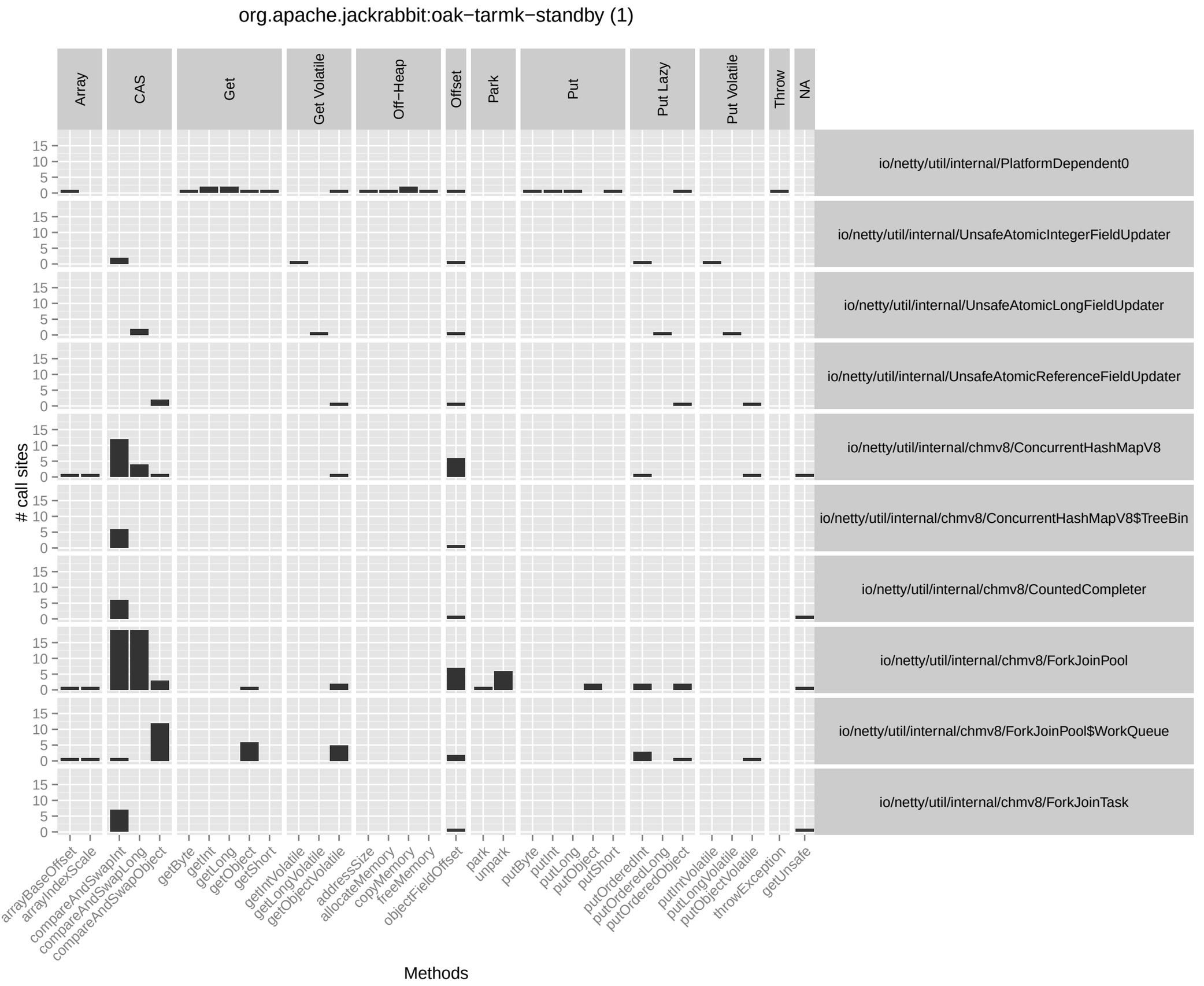

net.sourceforge.owlapi:owlapi−parsers (1)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

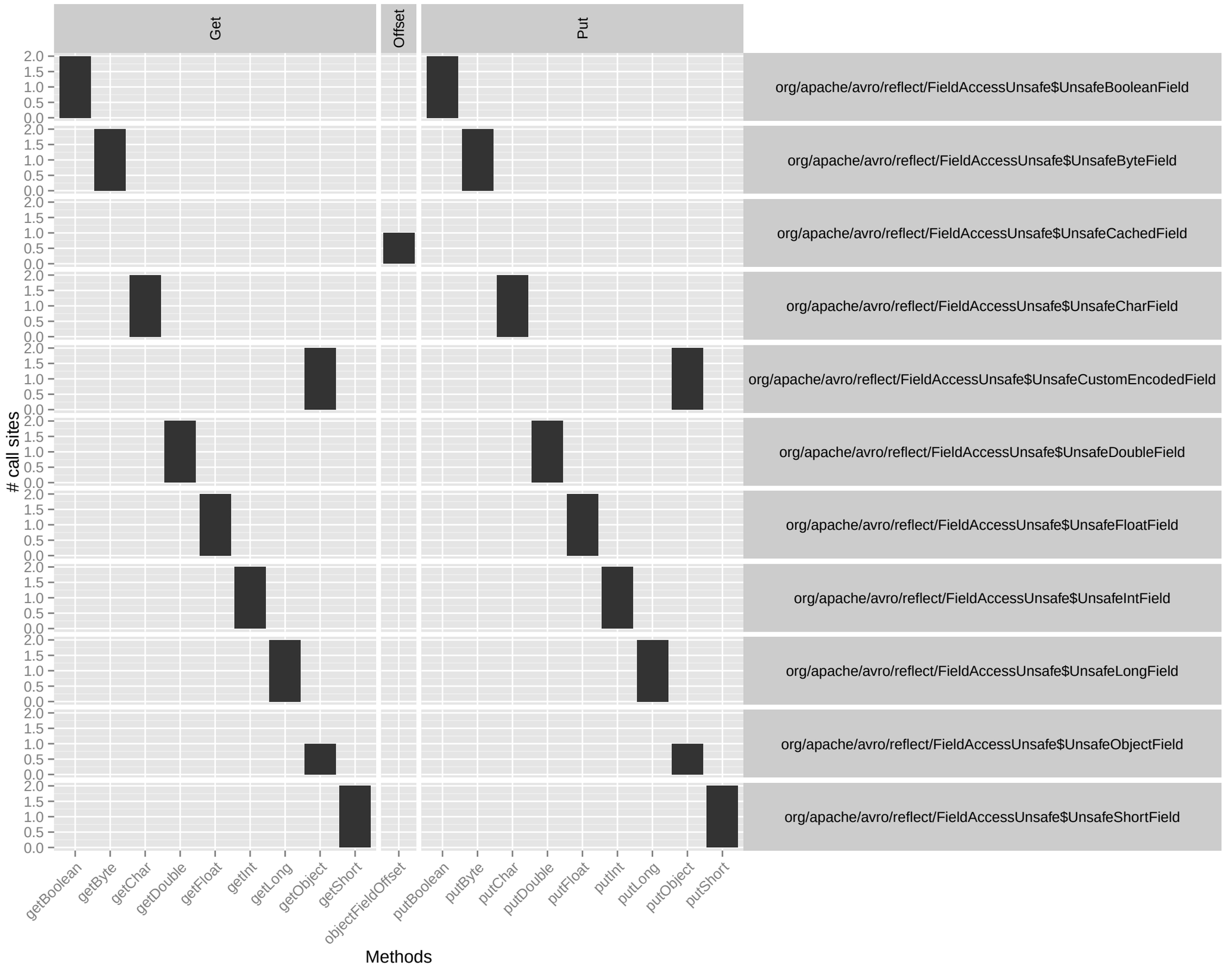

net.tribe7.seeds:seeds−cache (1)
CAS
Offset
NA
net/tribe7/common/cache/Striped64
net/tribe7/common/cache/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

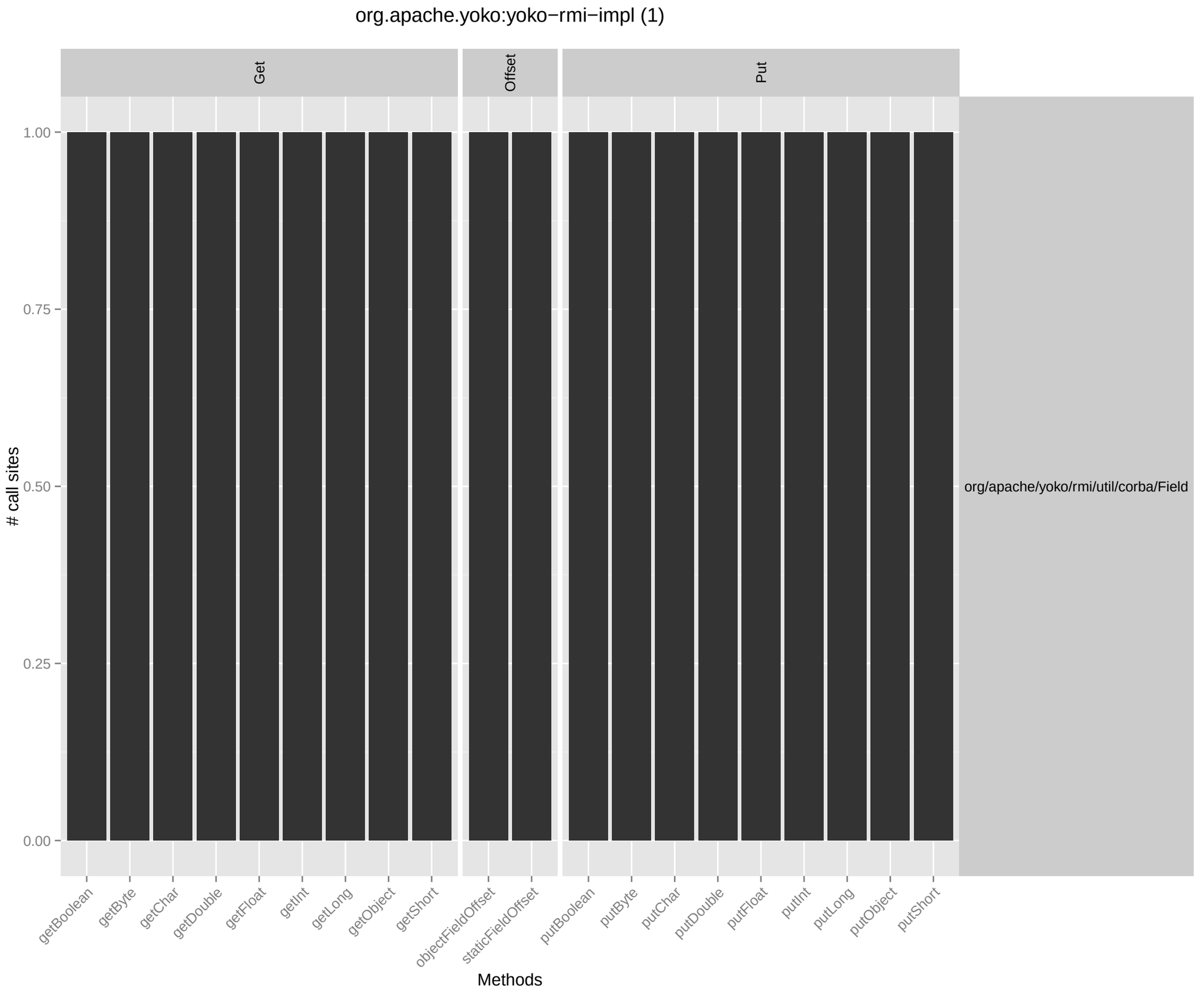

net.vvakame:jsonpullparser−apt (1)
Class
org/mvel2/util/JITClassLoader
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
Methods

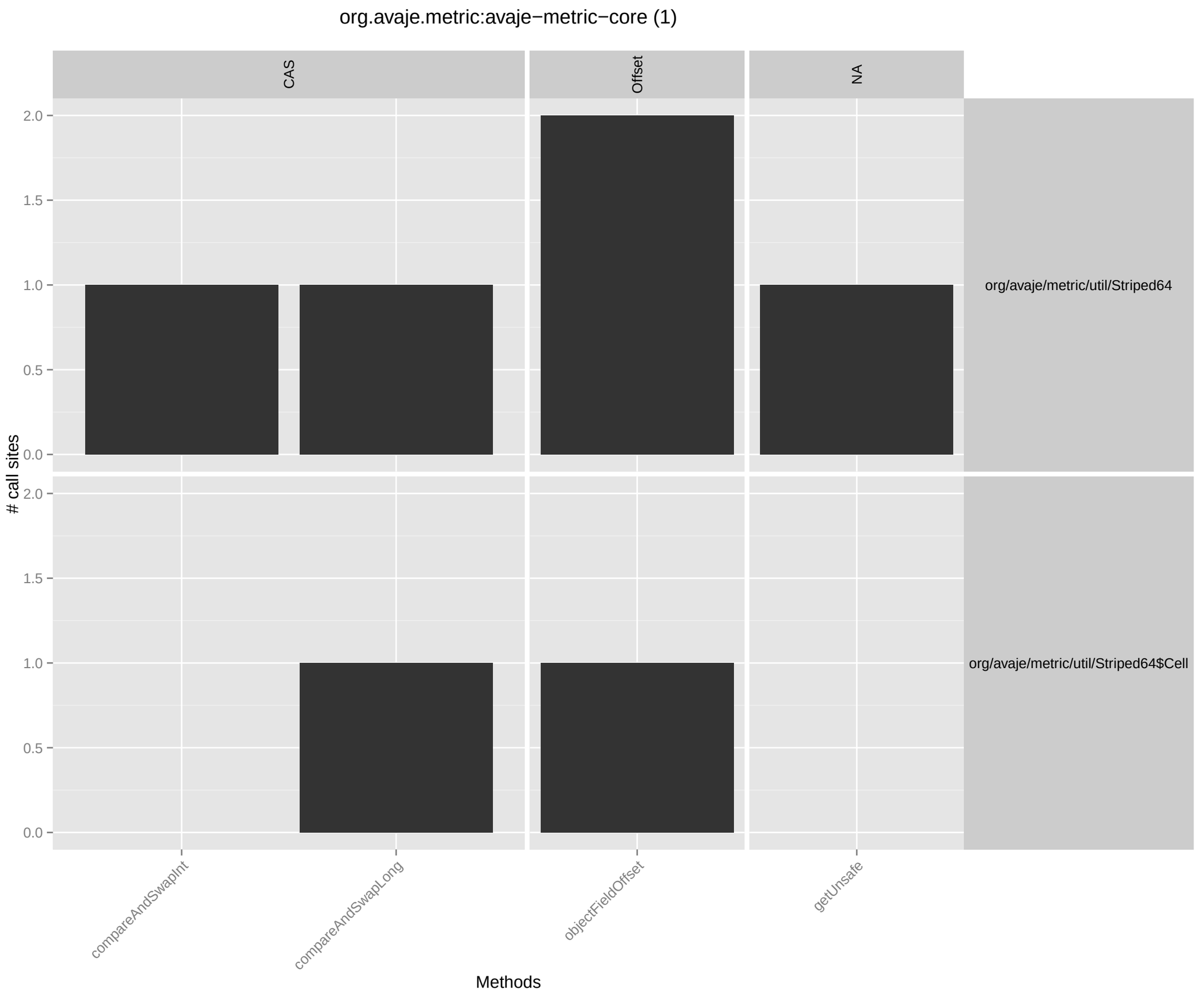

org.apache.geronimo.gshell:gshell−embeddable (1)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

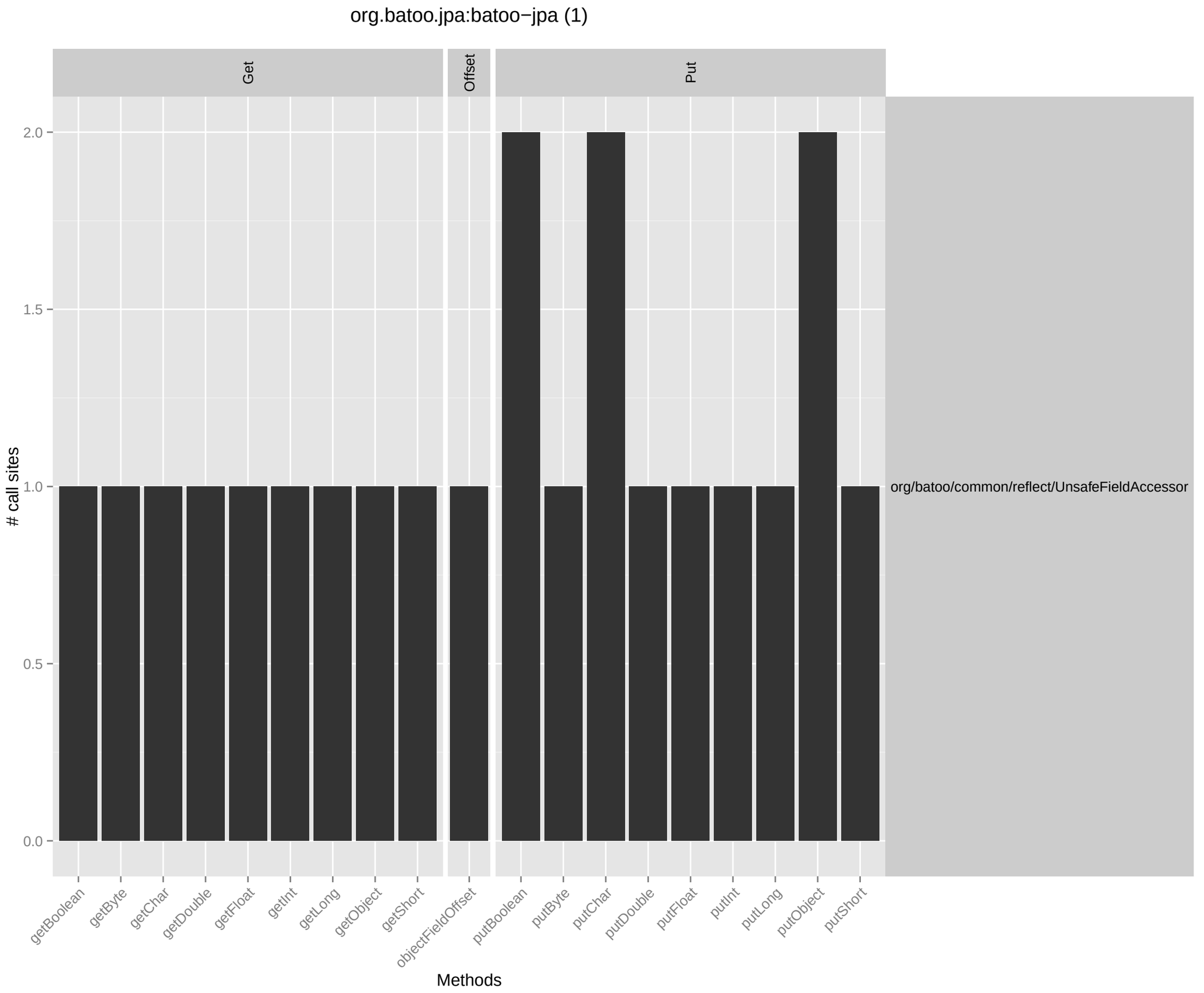

org.apache.giraph:giraph−core (1)
Array
Get
Put
org/apache/giraph/utils/UnsafeArrayReads
org/apache/giraph/utils/UnsafeByteArrayOutputStream
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

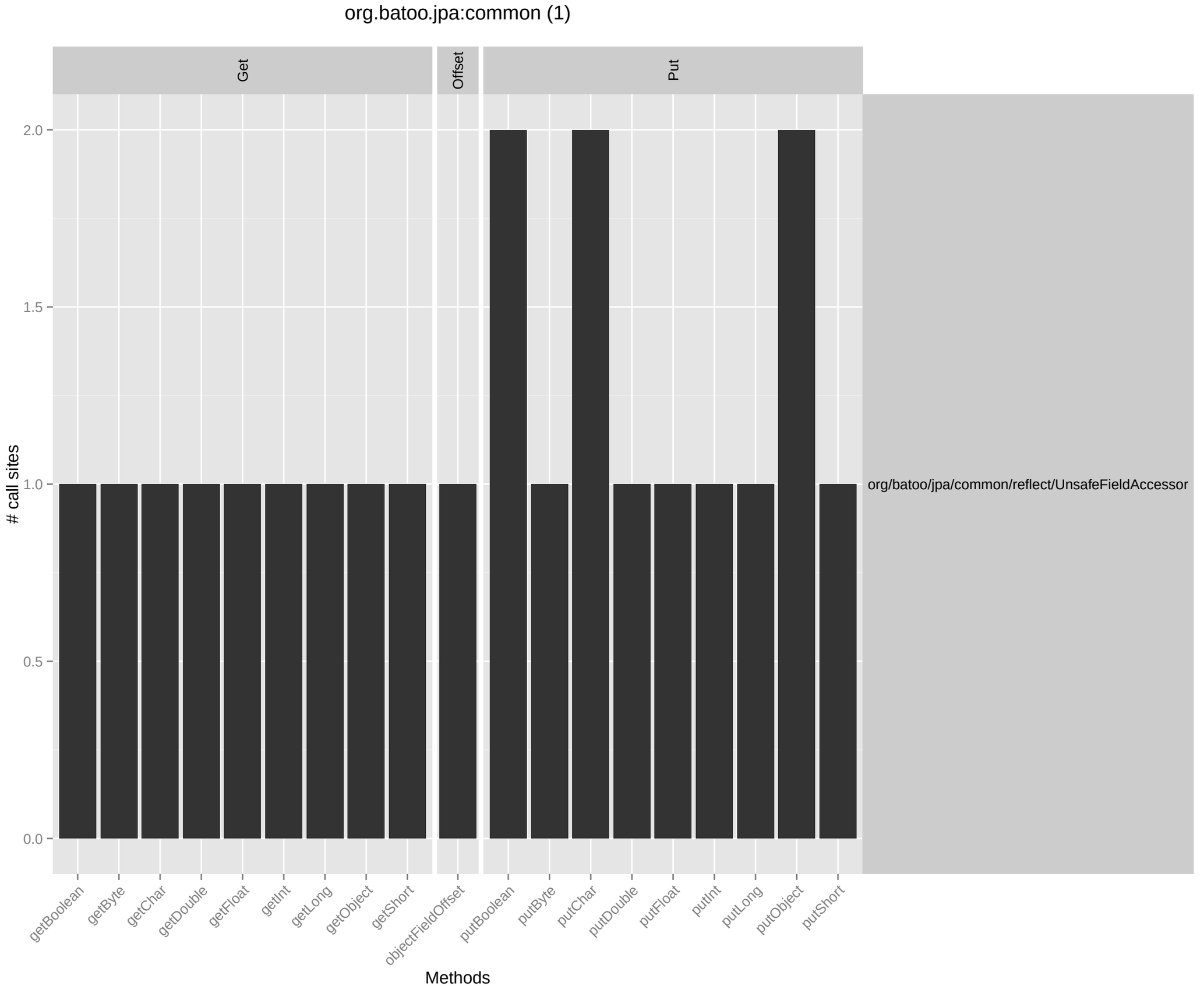

org.apache.jackrabbit:oak−tarmk−standby (1)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

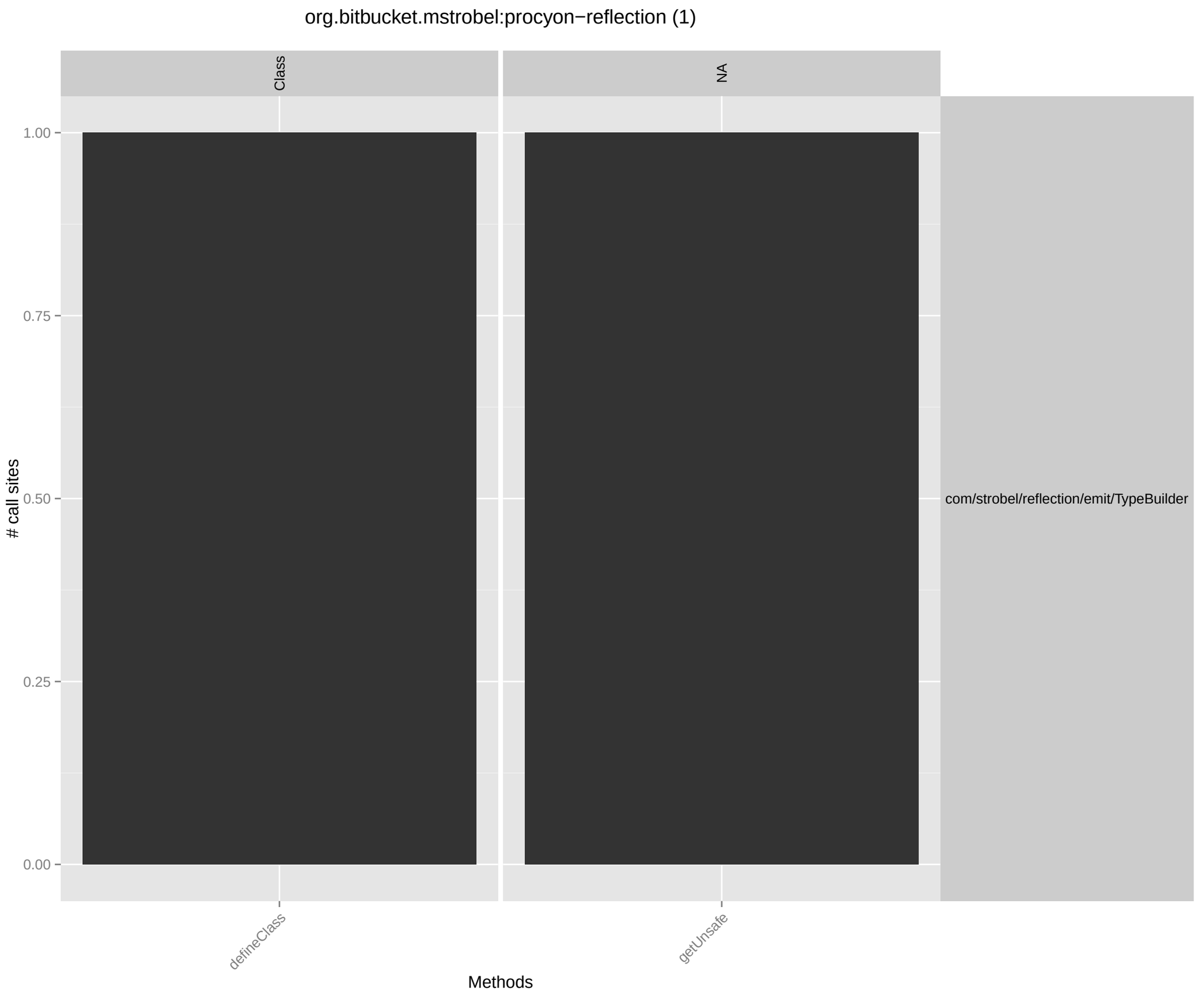

org.apache.servicemix.bundles:org.apache.servicemix.bundles.avro (1)
Get
Offset
Put
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
call sites
0.0
0.5
1.0
1.5
2.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

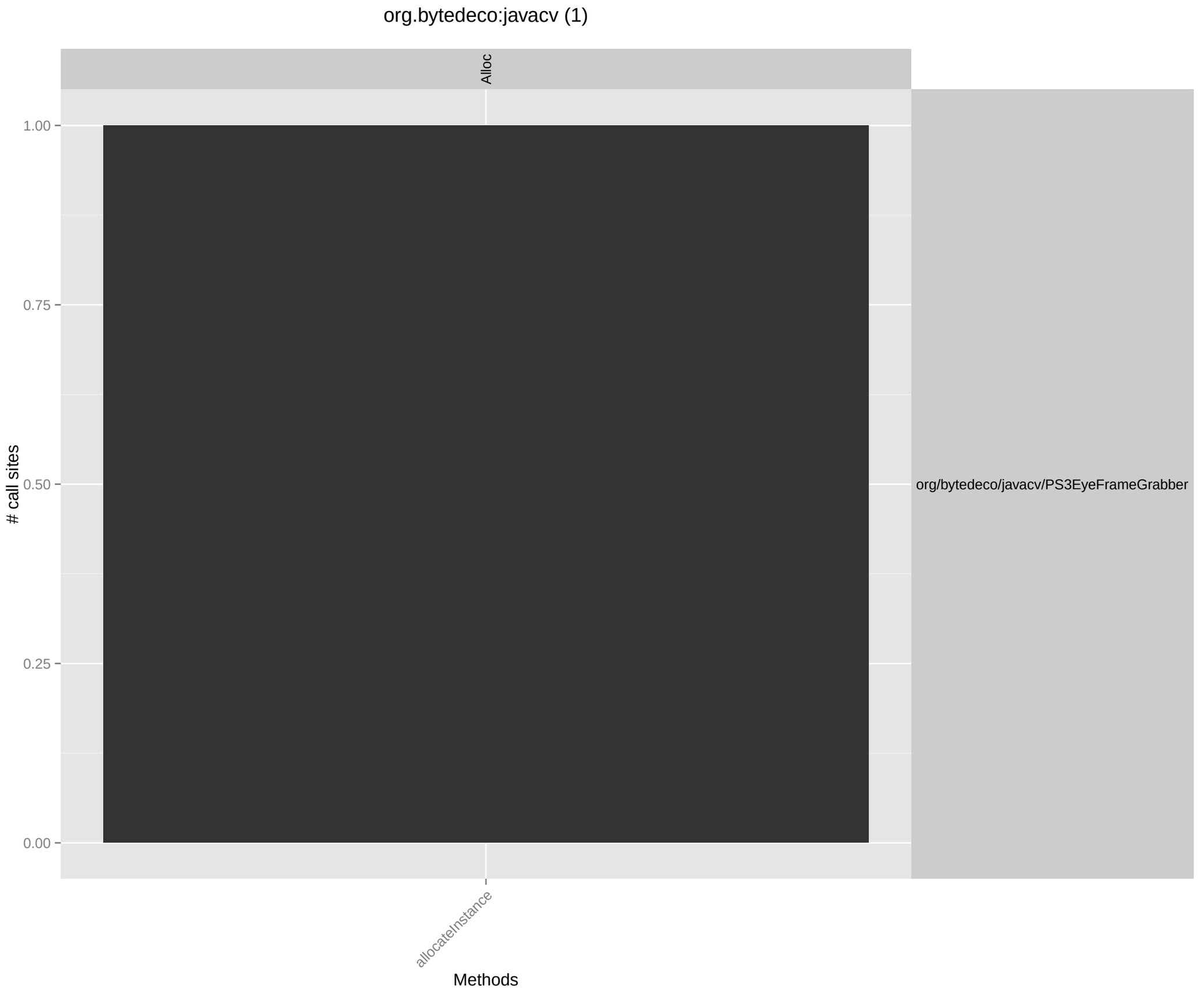

org.apache.yoko:yoko−rmi−impl (1)
Get
Offset
Put
org/apache/yoko/rmi/util/corba/Field
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

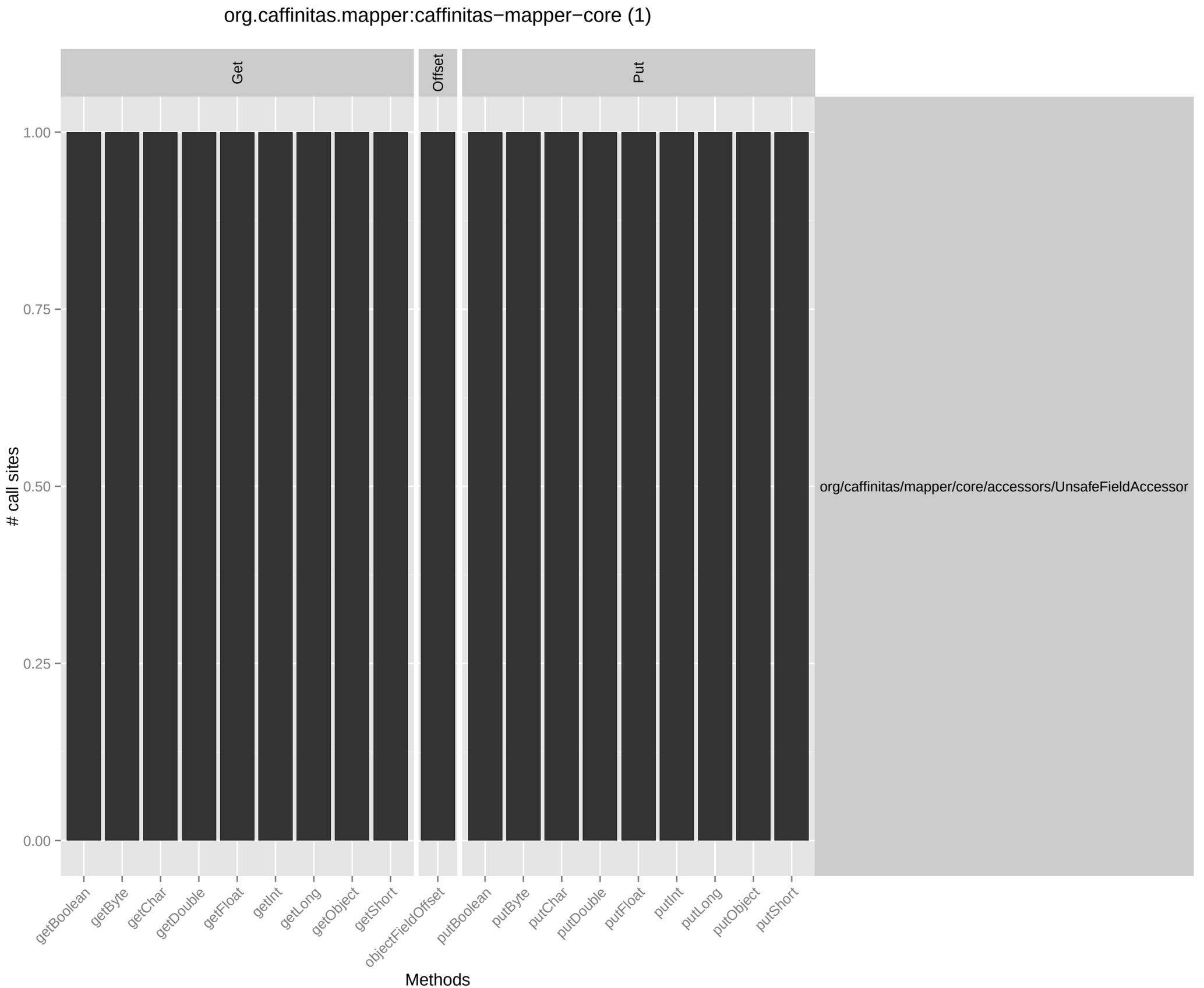

org.avaje.metric:avaje−metric−core (1)
CAS
Offset
NA
org/avaje/metric/util/Striped64
org/avaje/metric/util/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

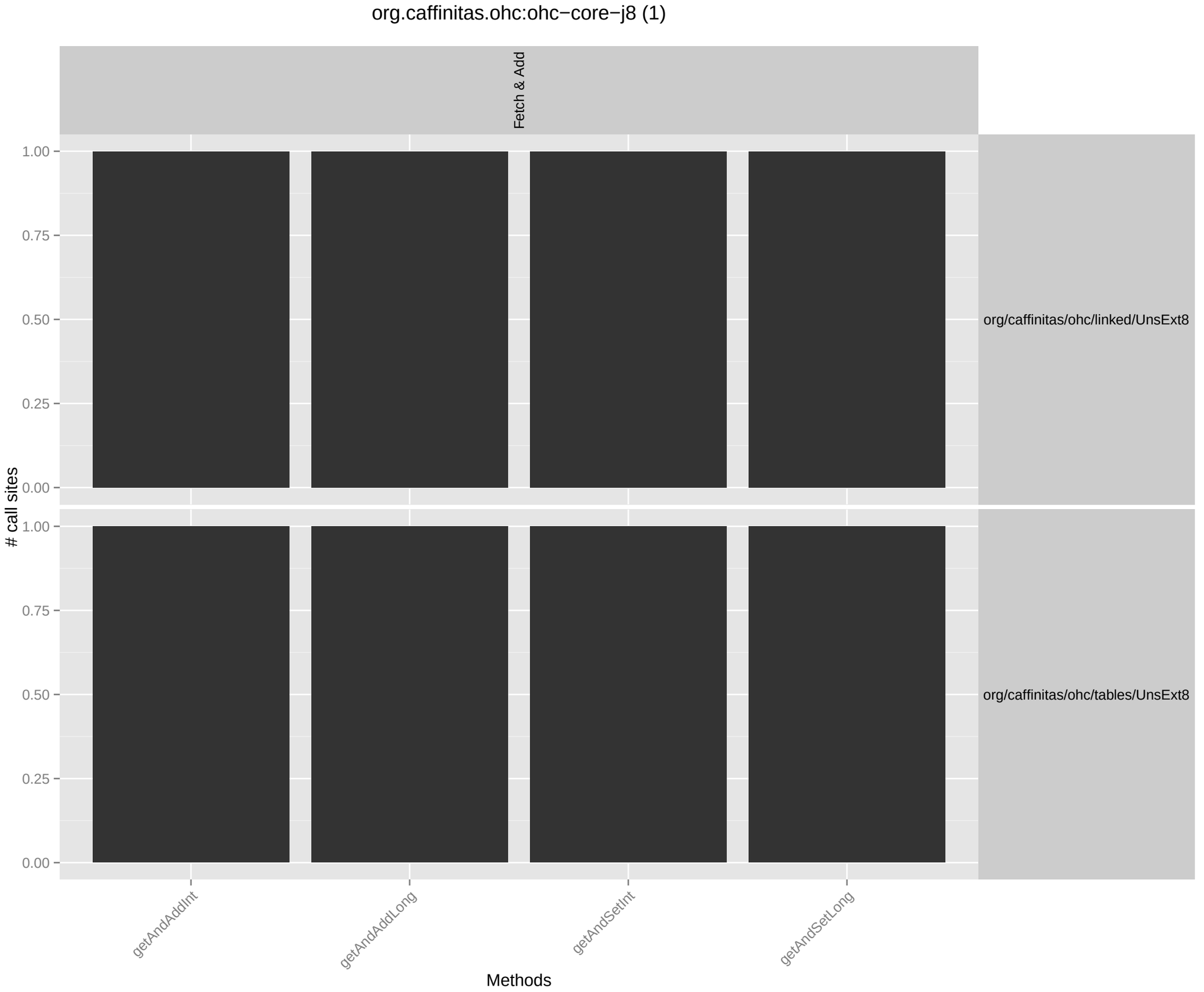

org.batoo.jpa:batoo−jpa (1)
Get
Offset
Put
org/batoo/common/reflect/UnsafeFieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

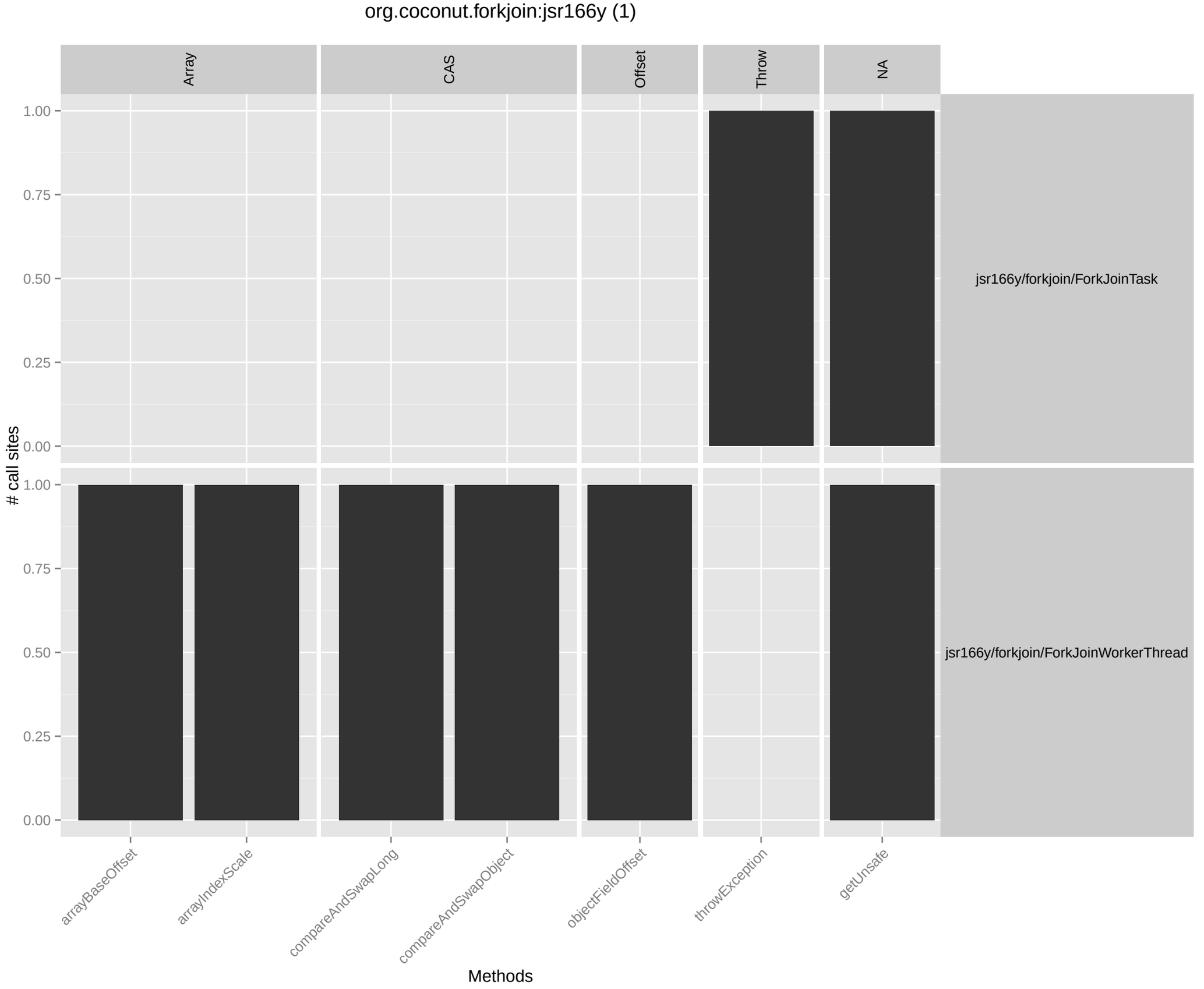

org.batoo.jpa:common (1)
Get
Offset
Put
org/batoo/jpa/common/reflect/UnsafeFieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

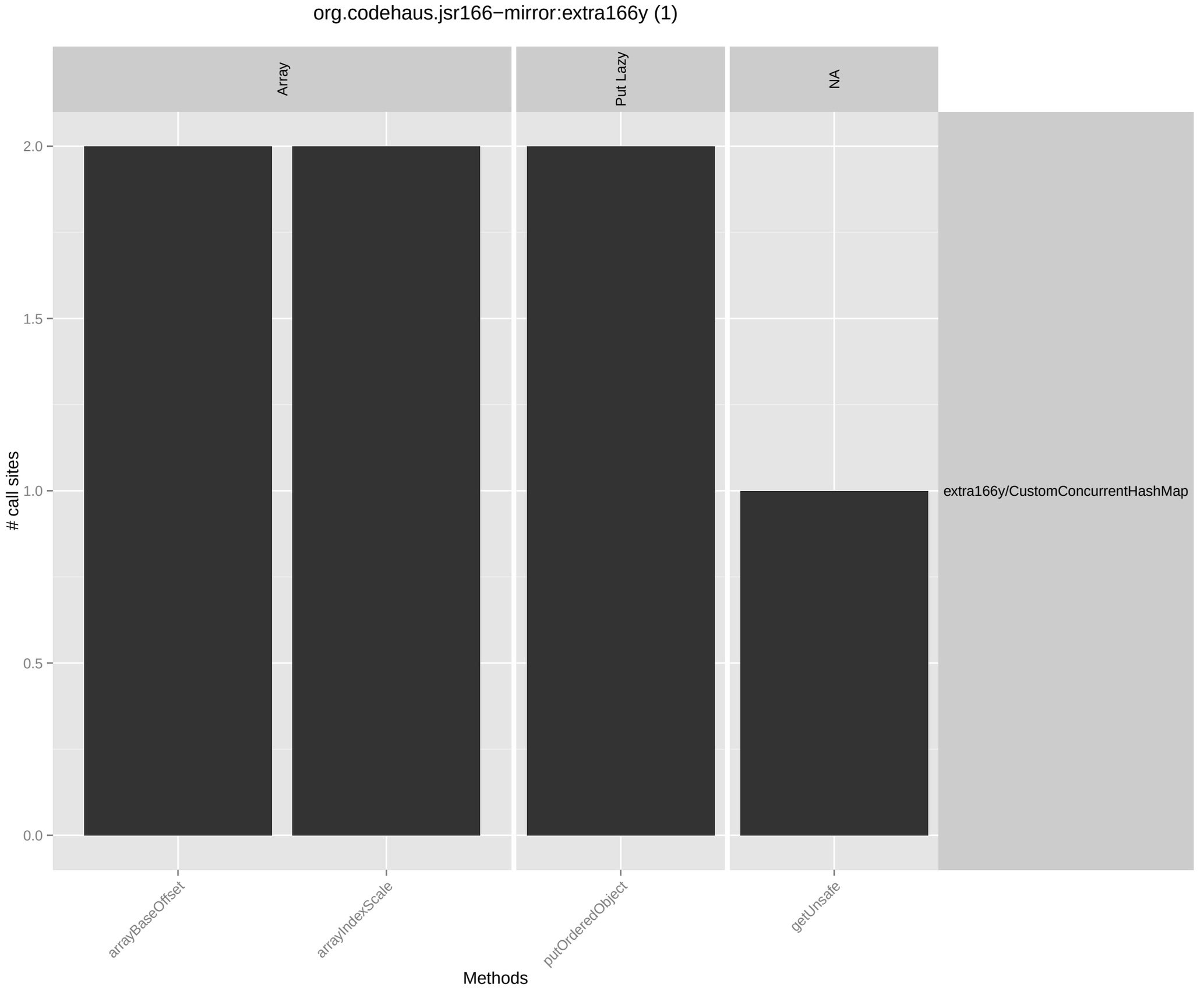

org.bitbucket.mstrobel:procyon−reflection (1)
Class
NA
com/strobel/reflection/emit/TypeBuilder
1.00
0.75
0.50
0.25
0.00
call sites
defineClass
getUnsafe
Methods

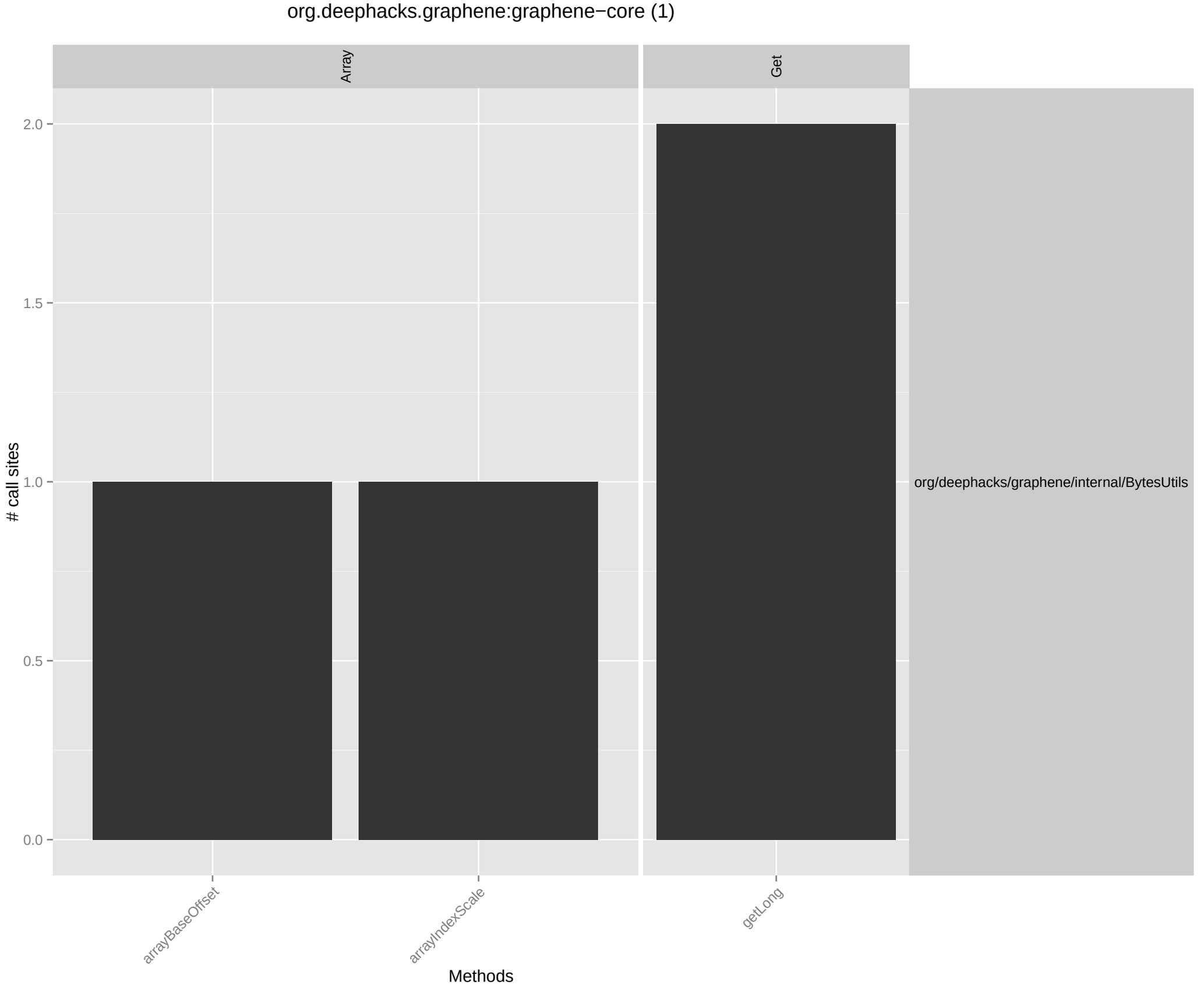

org.bytedeco:javacv (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/bytedeco/javacv/PS3EyeFrameGrabber
allocateInstance
Methods

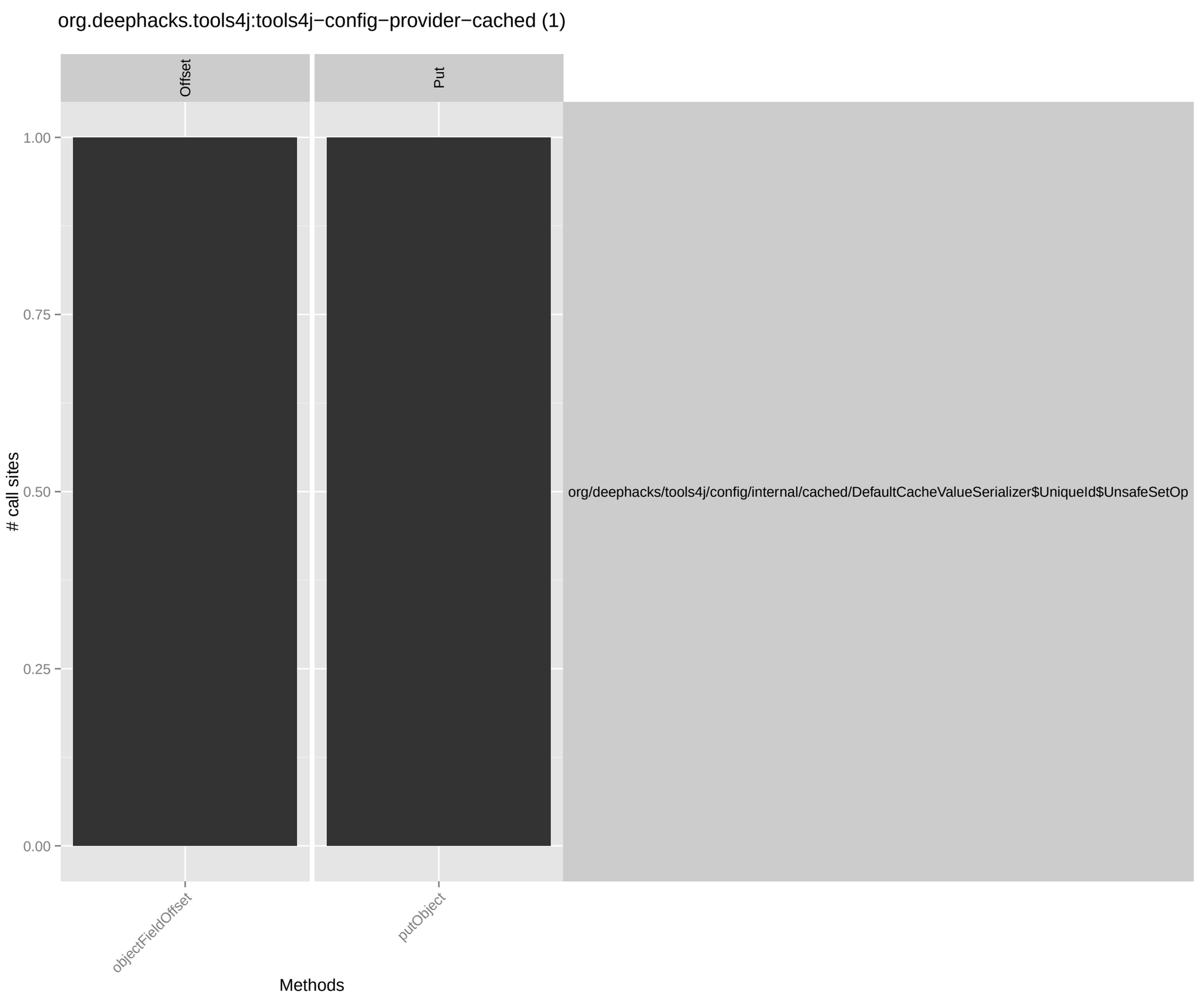

org.caffinitas.mapper:caffinitas−mapper−core (1)
Get
Offset
Put
org/caffinitas/mapper/core/accessors/UnsafeFieldAccessor
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

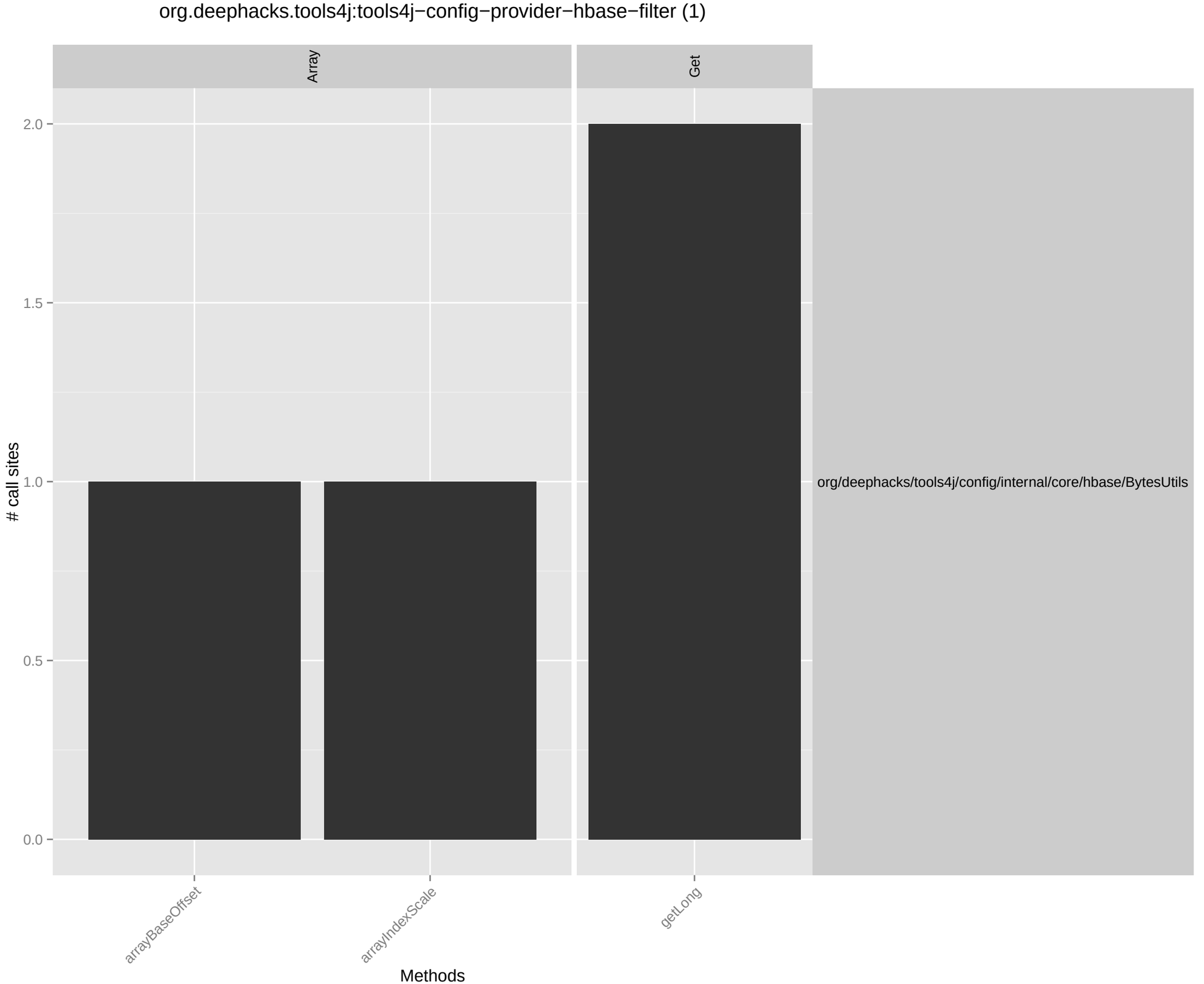

org.caffinitas.ohc:ohc−core−j8 (1)
Fetch & Add
org/caffinitas/ohc/linked/UnsExt8
org/caffinitas/ohc/tables/UnsExt8
call sites
1.00
0.75
0.50
0.25
0.00
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
Methods

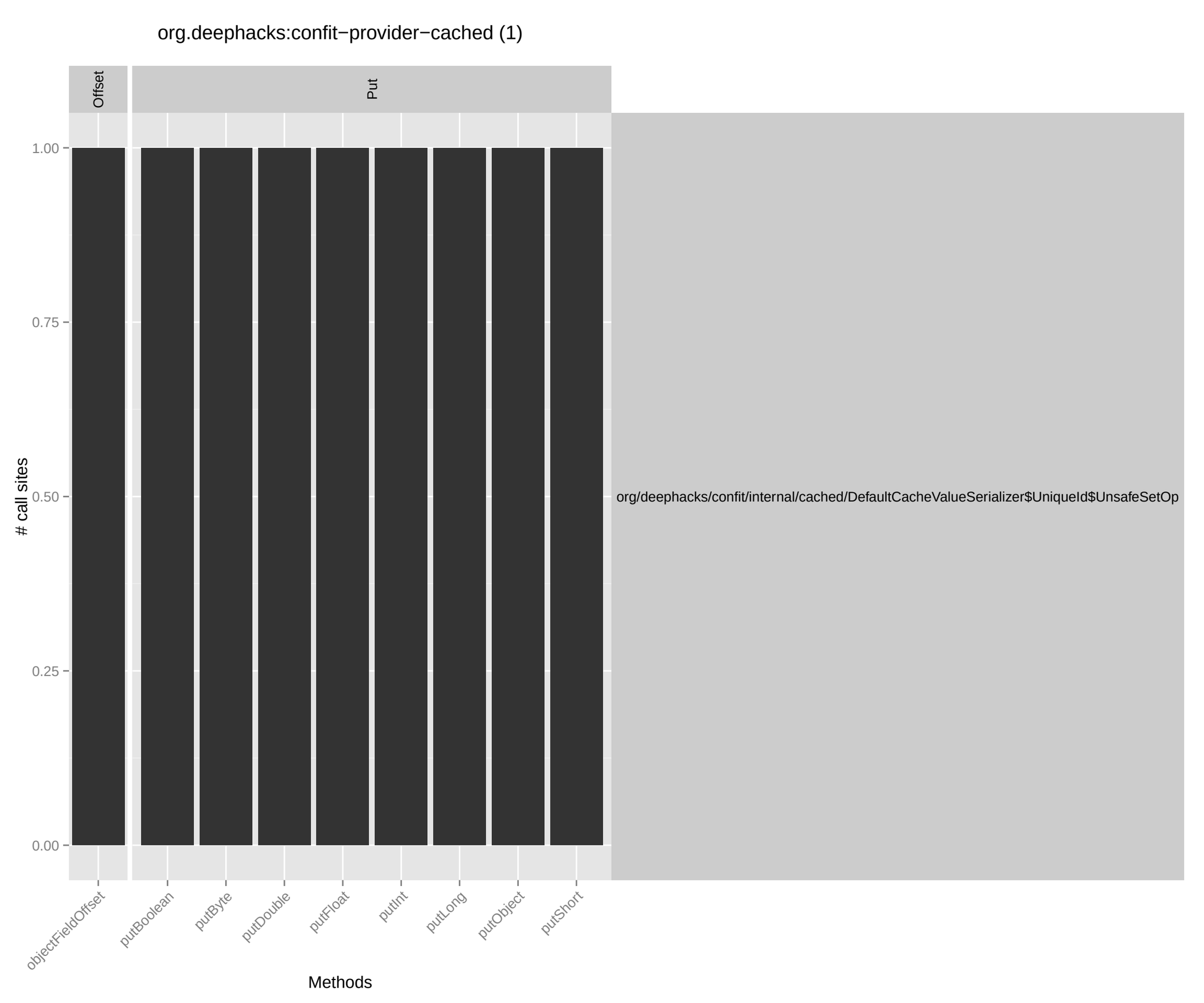

org.coconut.forkjoin:jsr166y (1)
Array
CAS
Offset
Throw
NA
jsr166y/forkjoin/ForkJoinTask
jsr166y/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

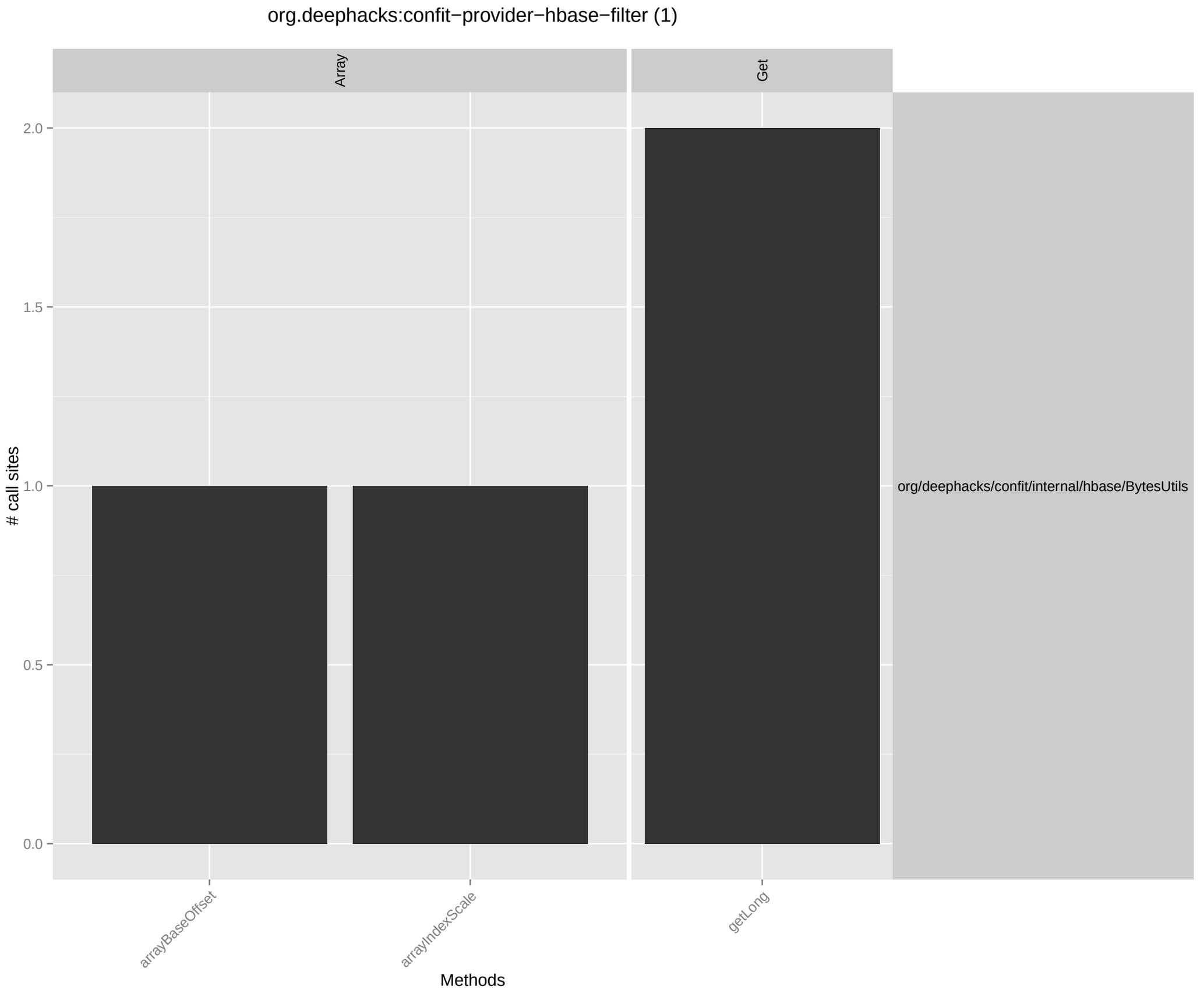

org.codehaus.jsr166−mirror:extra166y (1)
Array
Put Lazy
NA
extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

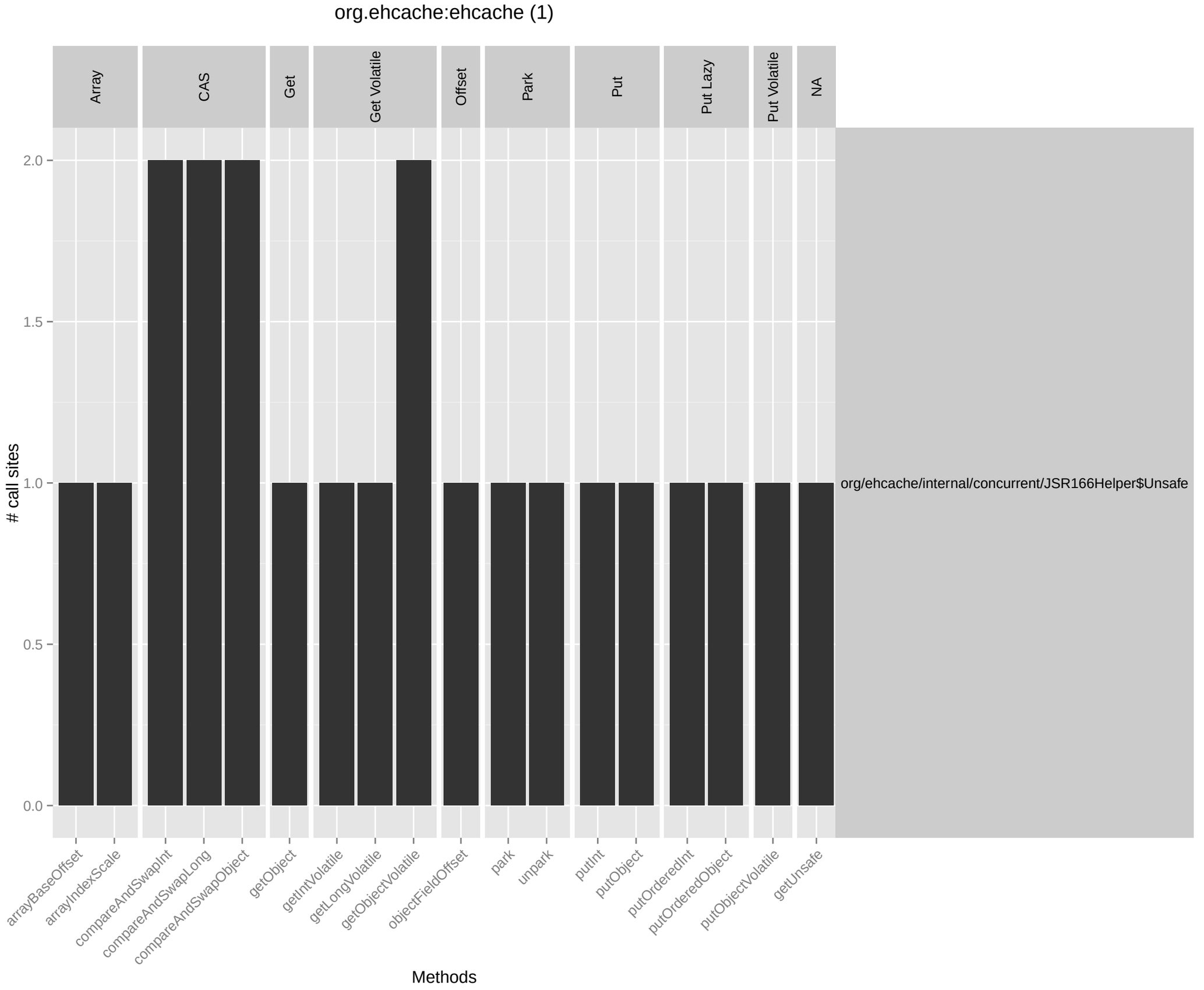

org.deephacks.graphene:graphene−core (1)
Array
Get
org/deephacks/graphene/internal/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

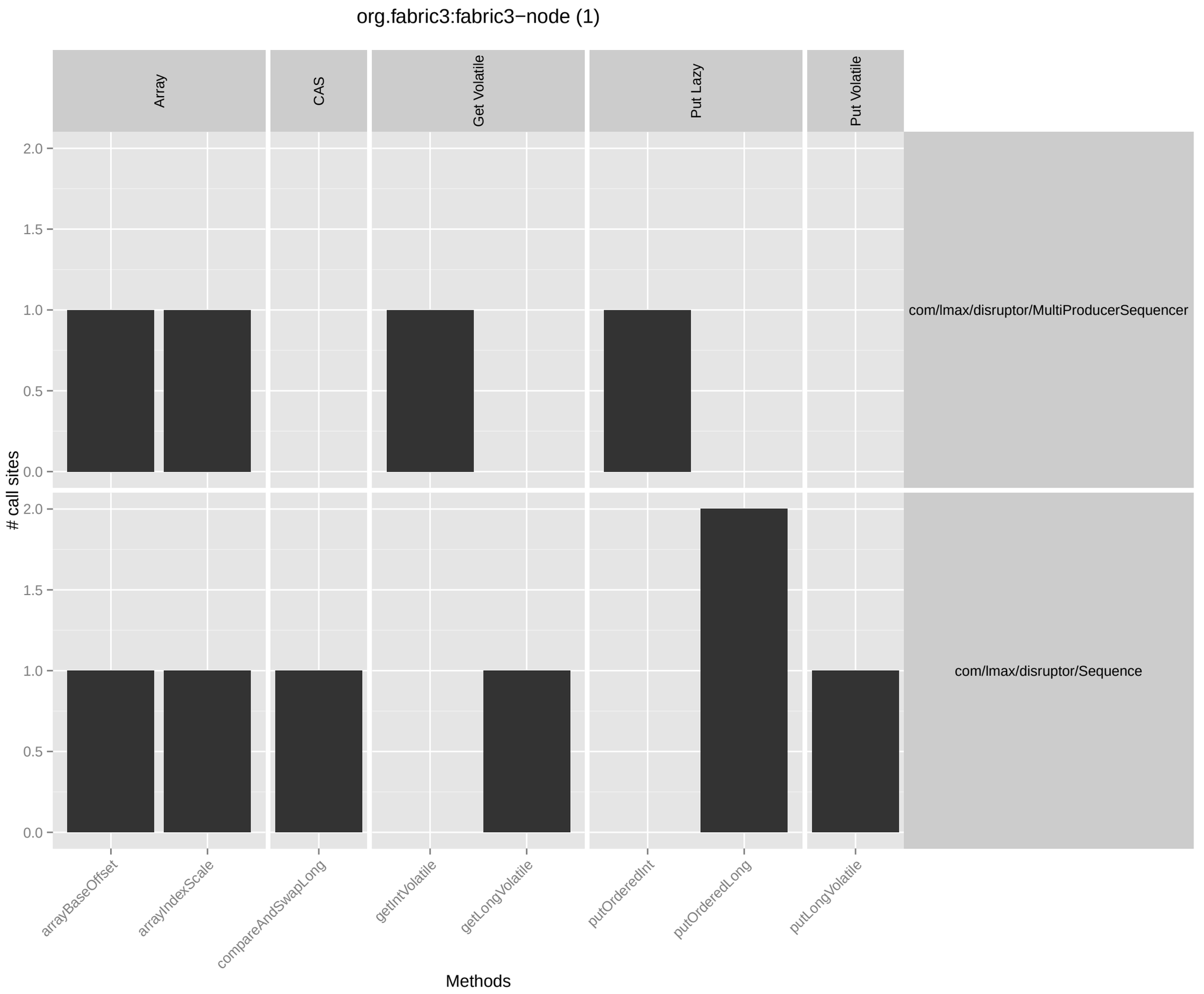

org.deephacks.tools4j:tools4j−config−provider−cached (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/deephacks/tools4j/config/internal/cached/DefaultCacheValueSerializer$UniqueId$UnsafeSetOp
objectFieldOffset
putObject
Methods

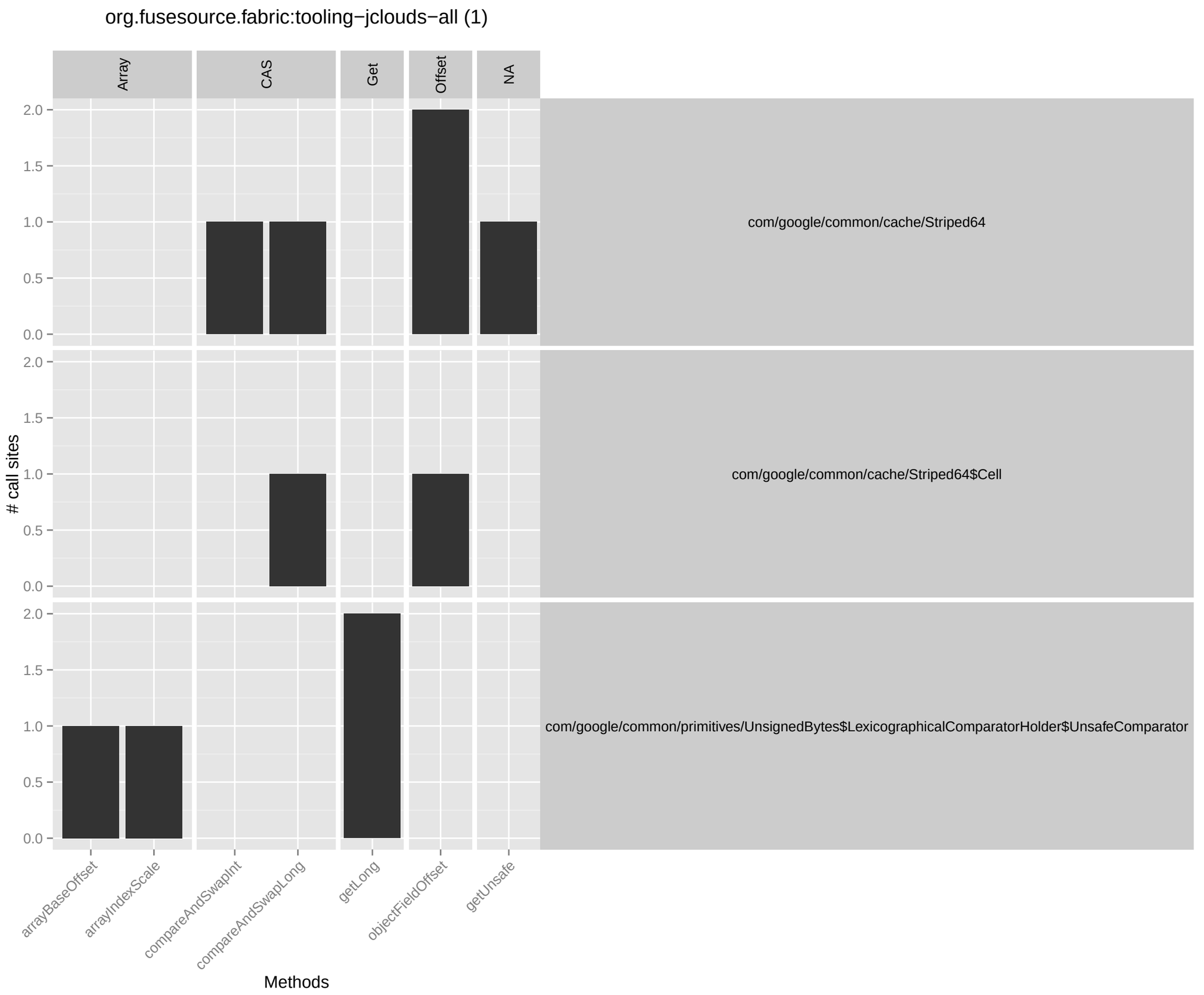

org.deephacks.tools4j:tools4j−config−provider−hbase−filter (1)
Array
Get
org/deephacks/tools4j/config/internal/core/hbase/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

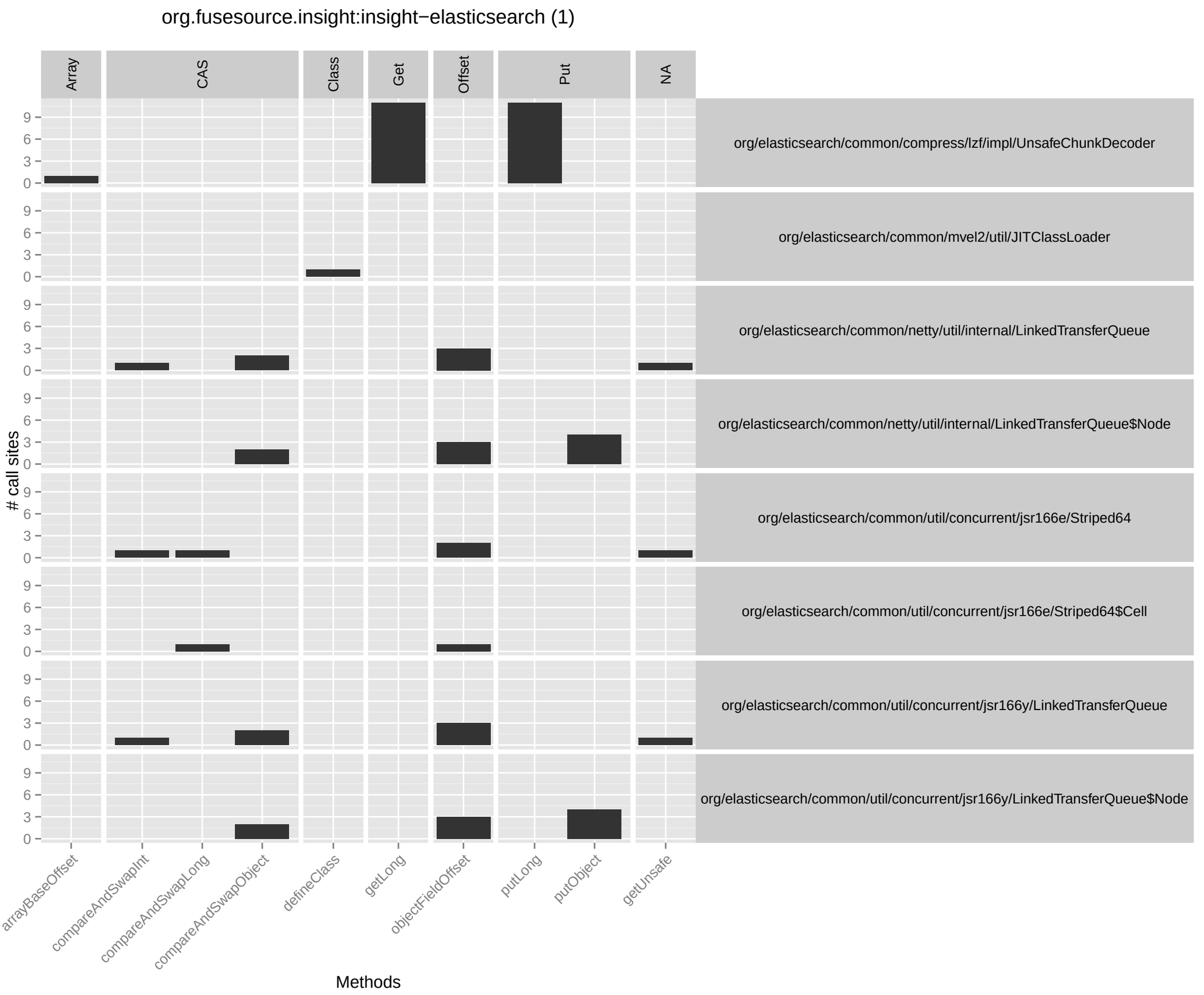

org.deephacks:confit−provider−cached (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/deephacks/confit/internal/cached/DefaultCacheValueSerializer$UniqueId$UnsafeSetOp
objectFieldOffset
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

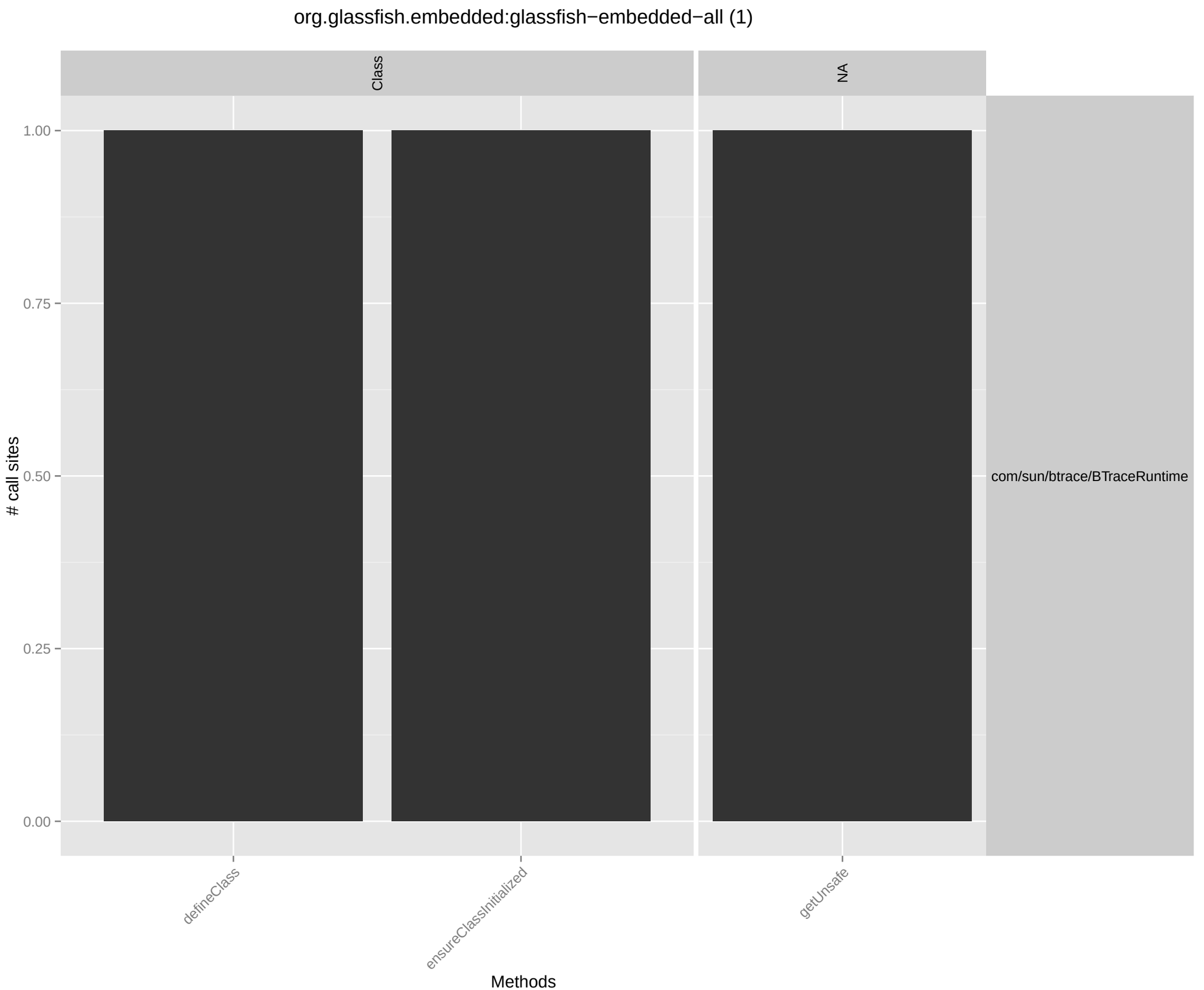

org.deephacks:confit−provider−hbase−filter (1)
Array
Get
org/deephacks/confit/internal/hbase/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

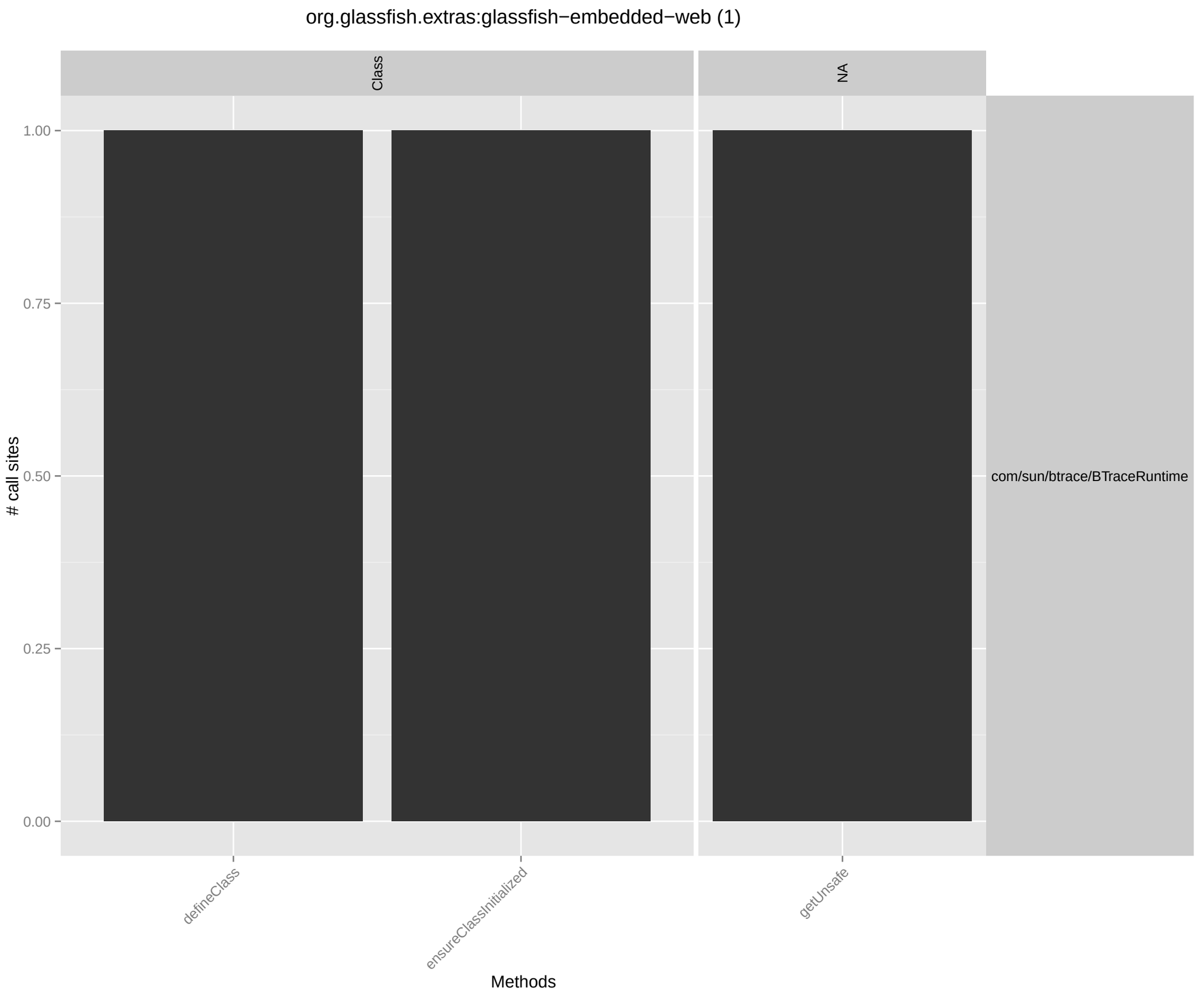

org.ehcache:ehcache (1)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/ehcache/internal/concurrent/JSR166Helper$Unsafe
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putInt
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

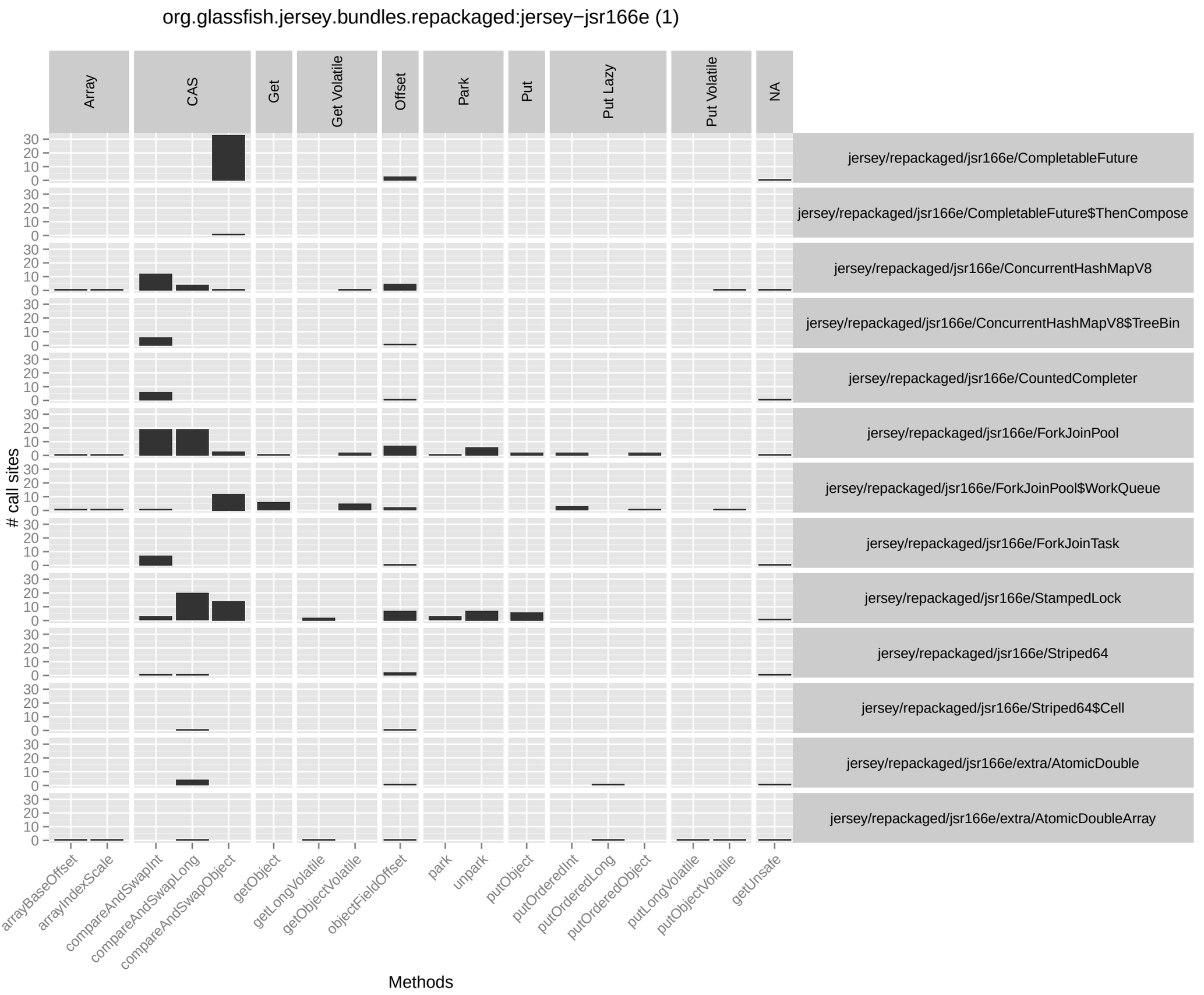

org.fabric3:fabric3−node (1)
Array
CAS
Get Volatile
Put Lazy
Put Volatile
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/Sequence
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getIntVolatile
getLongVolatile
putOrderedInt
putOrderedLong
putLongVolatile
Methods

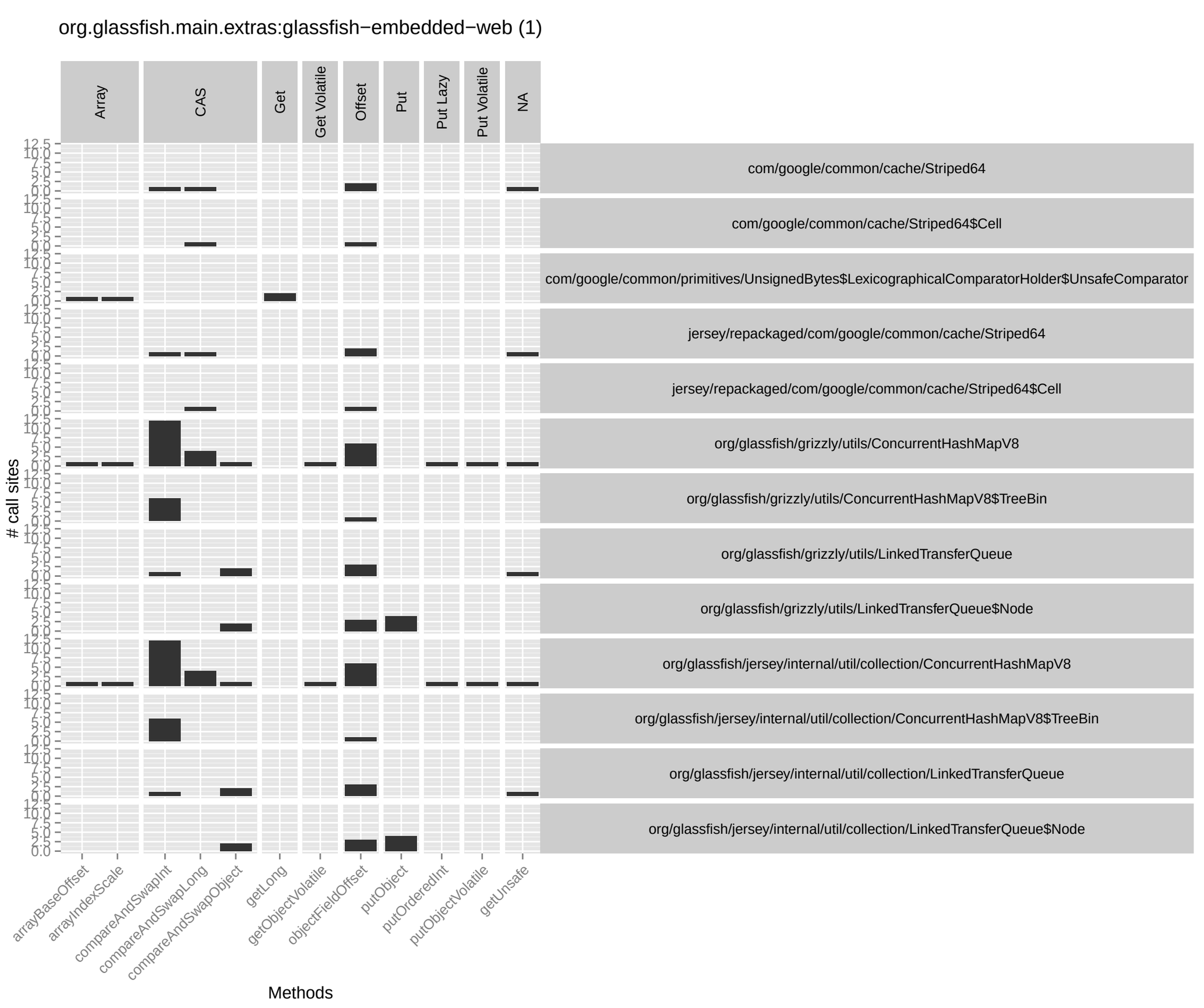

org.fusesource.fabric:tooling−jclouds−all (1)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

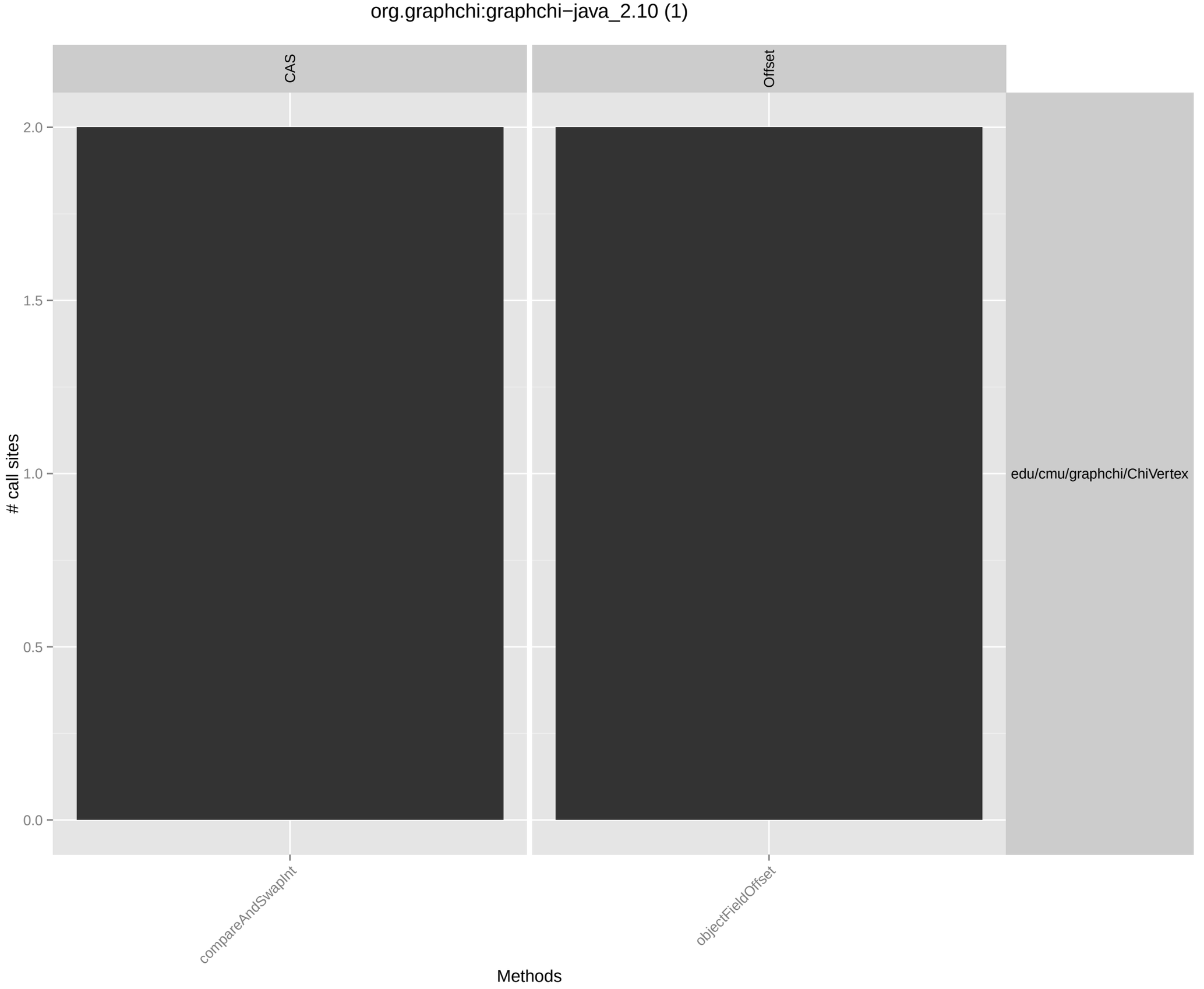

org.fusesource.insight:insight−elasticsearch (1)
Array
CAS
Class
Get
Offset
Put
NA
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/mvel2/util/JITClassLoader
org/elasticsearch/common/netty/util/internal/LinkedTransferQueue
org/elasticsearch/common/netty/util/internal/LinkedTransferQueue$Node
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue$Node
call sites
0
3
6
9
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
defineClass
getLong
objectFieldOffset
putLong
putObject
getUnsafe
Methods

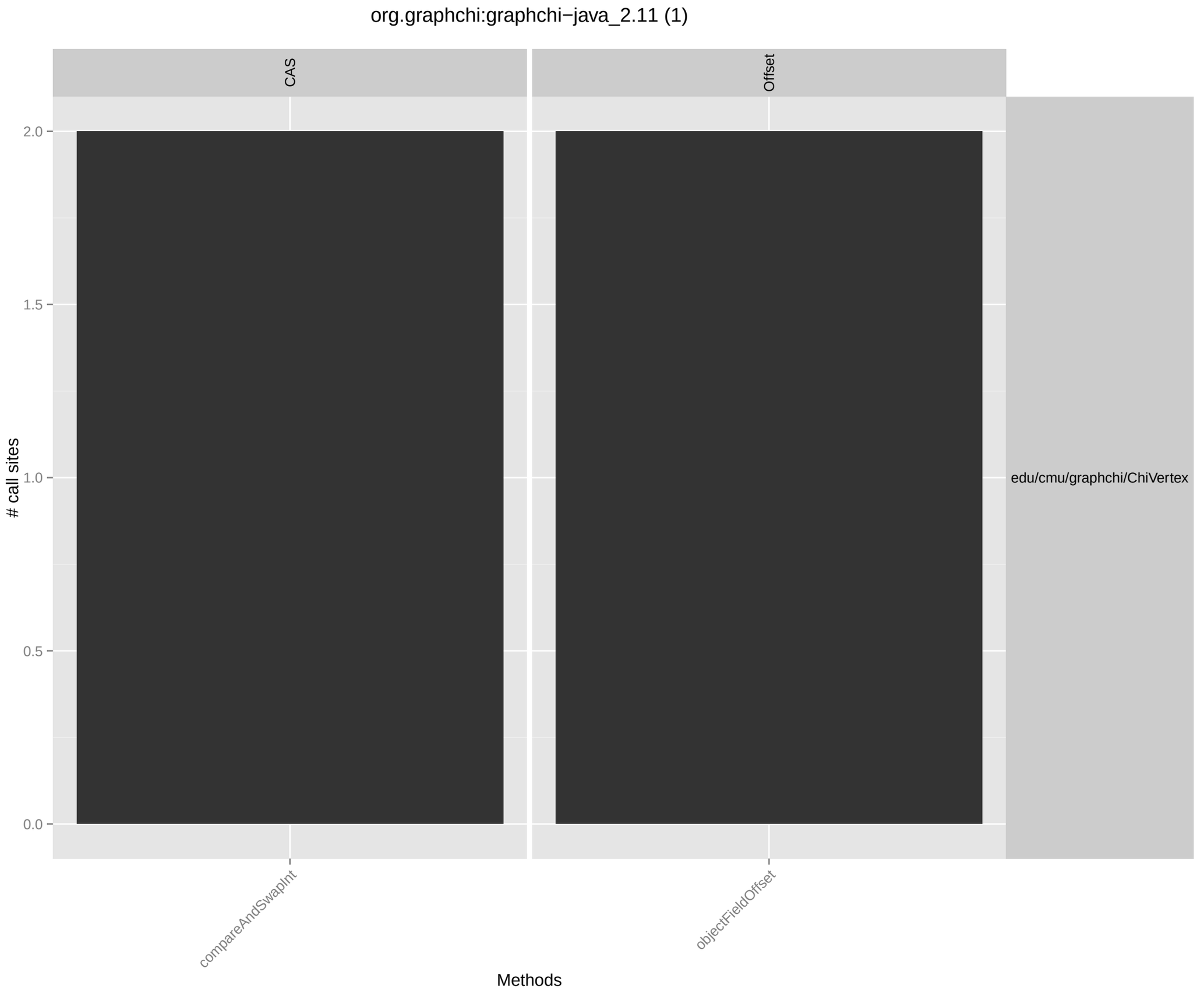

org.glassfish.embedded:glassfish−embedded−all (1)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

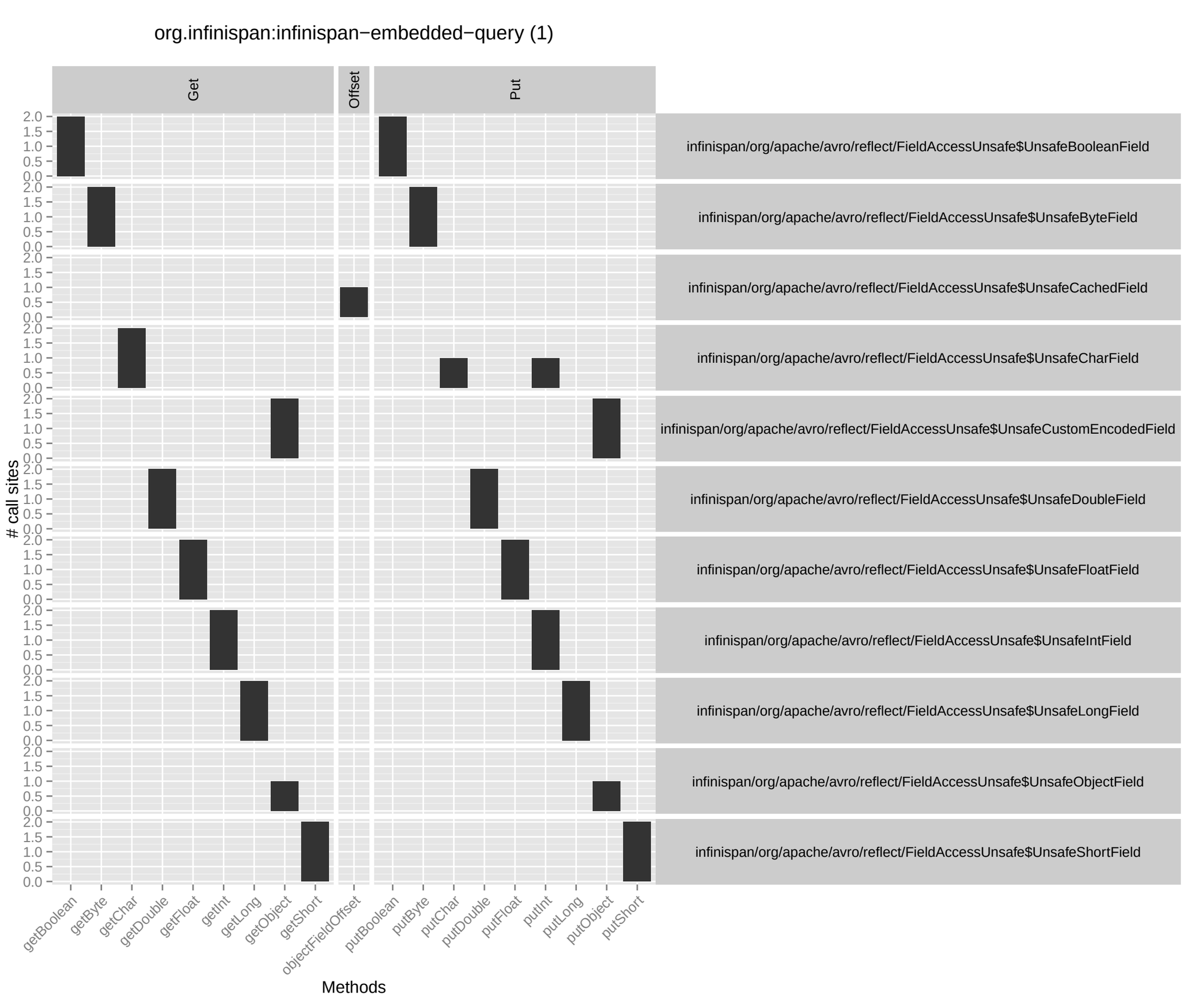

org.glassfish.extras:glassfish−embedded−web (1)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

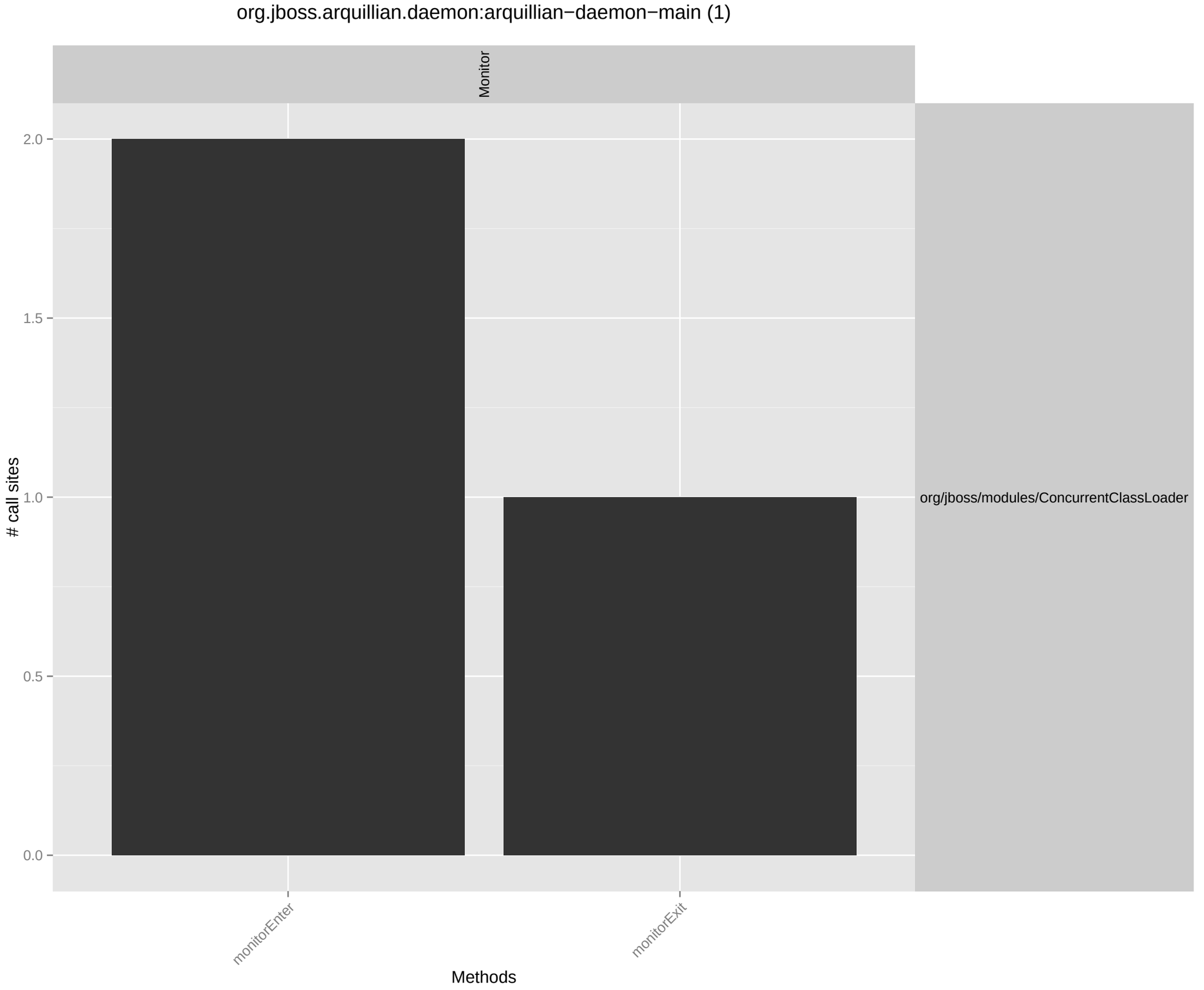

org.glassfish.jersey.bundles.repackaged:jersey−jsr166e (1)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
jersey/repackaged/jsr166e/CompletableFuture
jersey/repackaged/jsr166e/CompletableFuture$ThenCompose
jersey/repackaged/jsr166e/ConcurrentHashMapV8
jersey/repackaged/jsr166e/ConcurrentHashMapV8$TreeBin
jersey/repackaged/jsr166e/CountedCompleter
jersey/repackaged/jsr166e/ForkJoinPool
jersey/repackaged/jsr166e/ForkJoinPool$WorkQueue
jersey/repackaged/jsr166e/ForkJoinTask
jersey/repackaged/jsr166e/StampedLock
jersey/repackaged/jsr166e/Striped64
jersey/repackaged/jsr166e/Striped64$Cell
jersey/repackaged/jsr166e/extra/AtomicDouble
jersey/repackaged/jsr166e/extra/AtomicDoubleArray
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

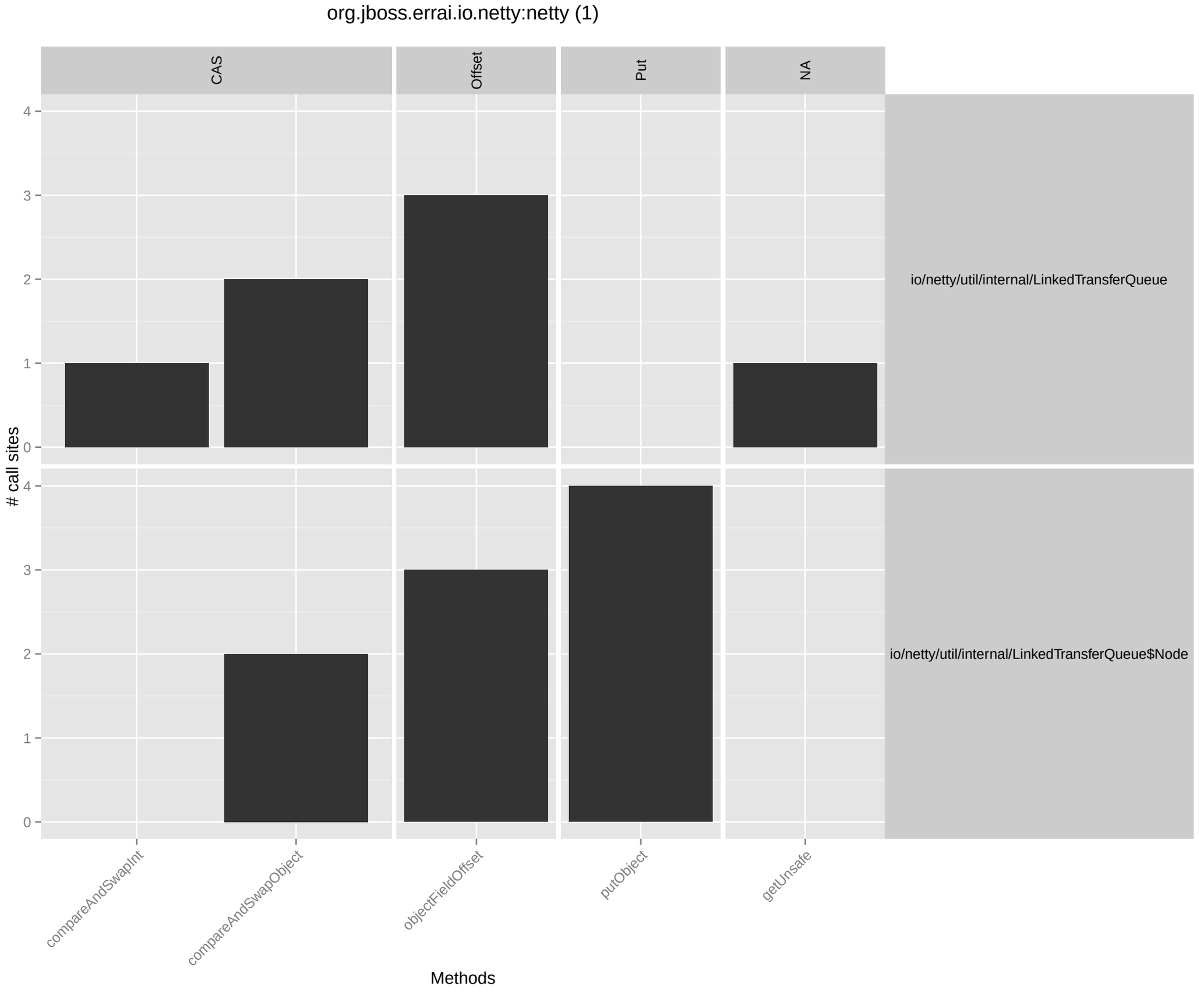

org.glassfish.main.extras:glassfish−embedded−web (1)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

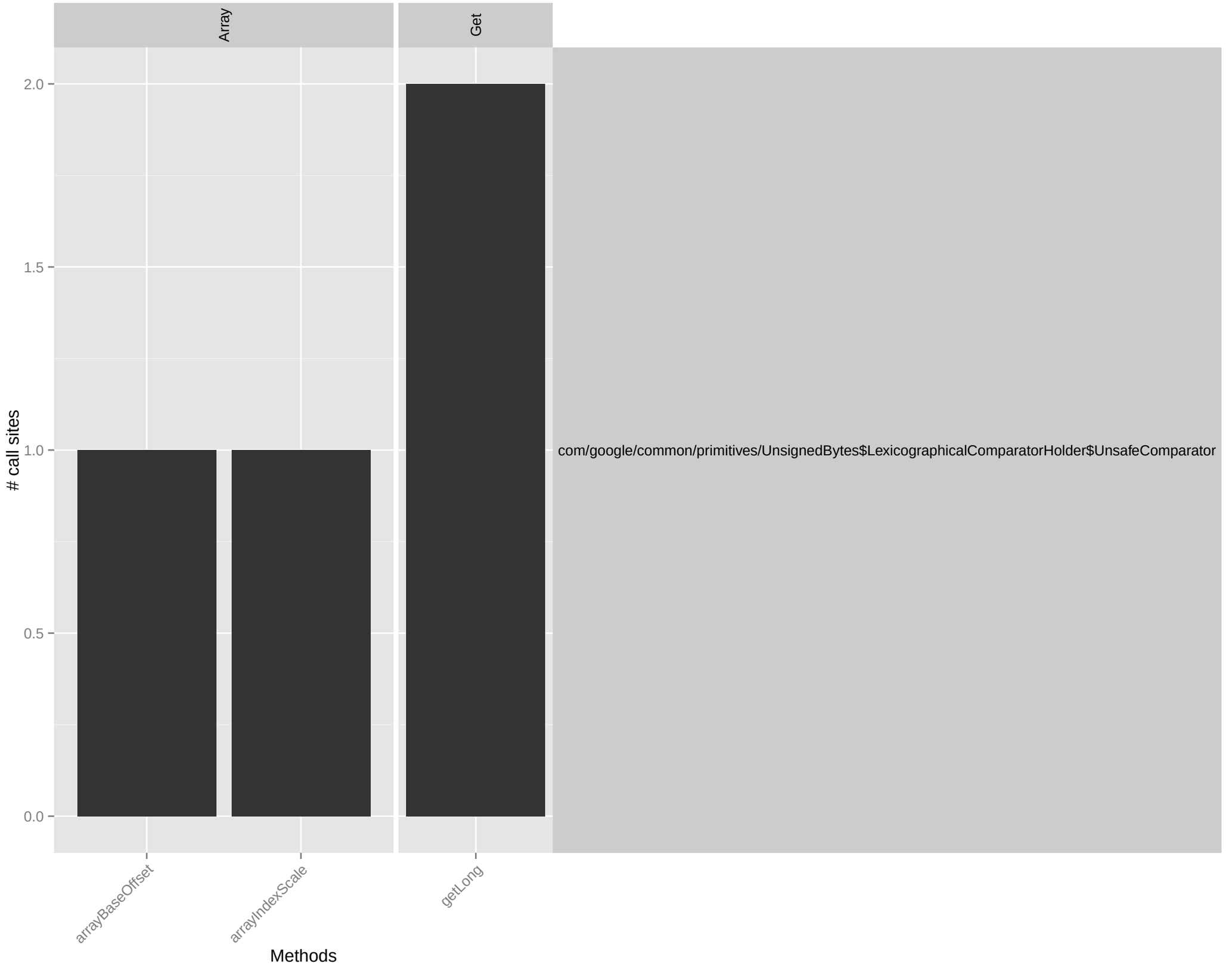

org.graphchi:graphchi−java_2.10 (1)
CAS
Offset
edu/cmu/graphchi/ChiVertex
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

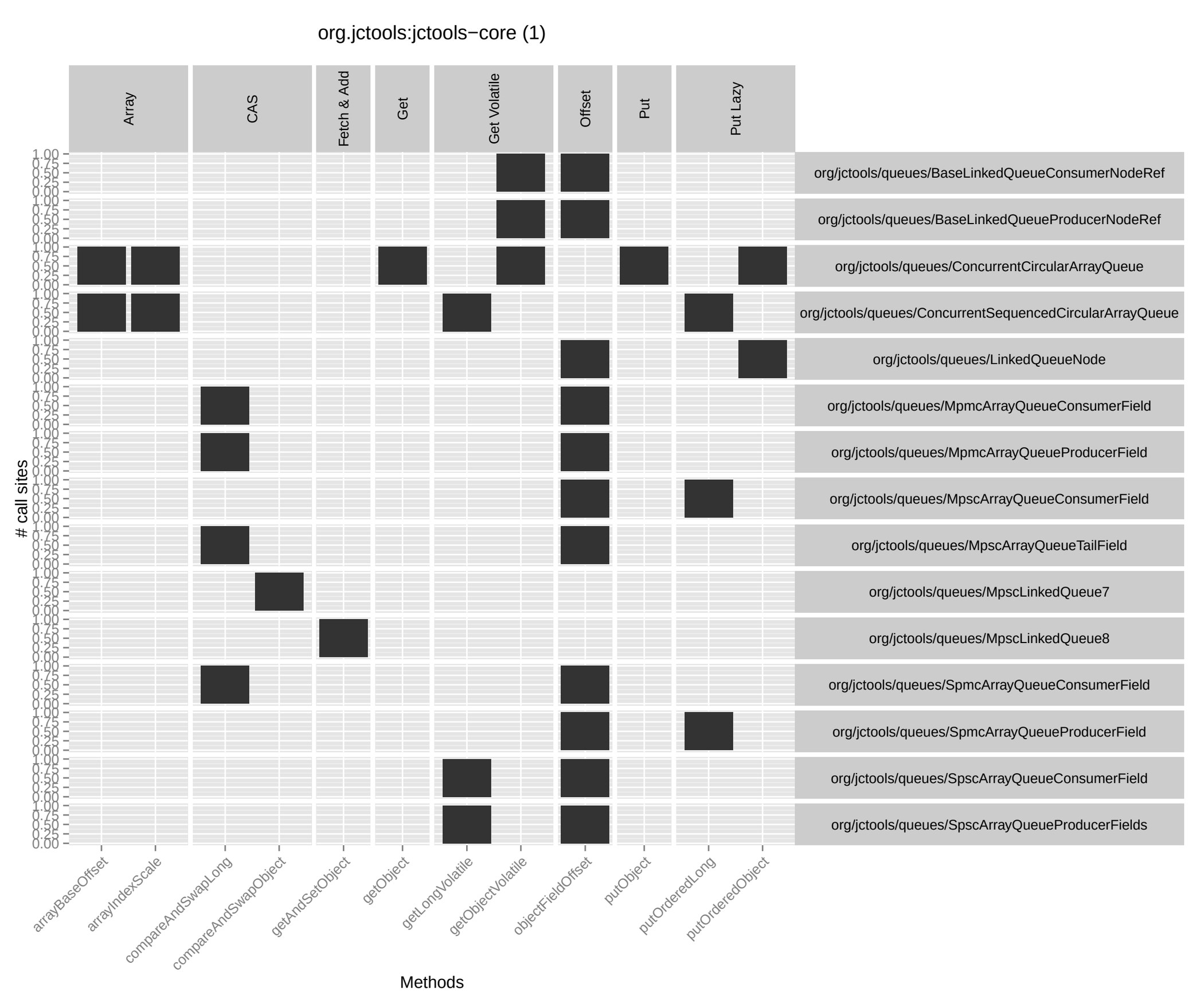

org.graphchi:graphchi−java_2.11 (1)
CAS
Offset
edu/cmu/graphchi/ChiVertex
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

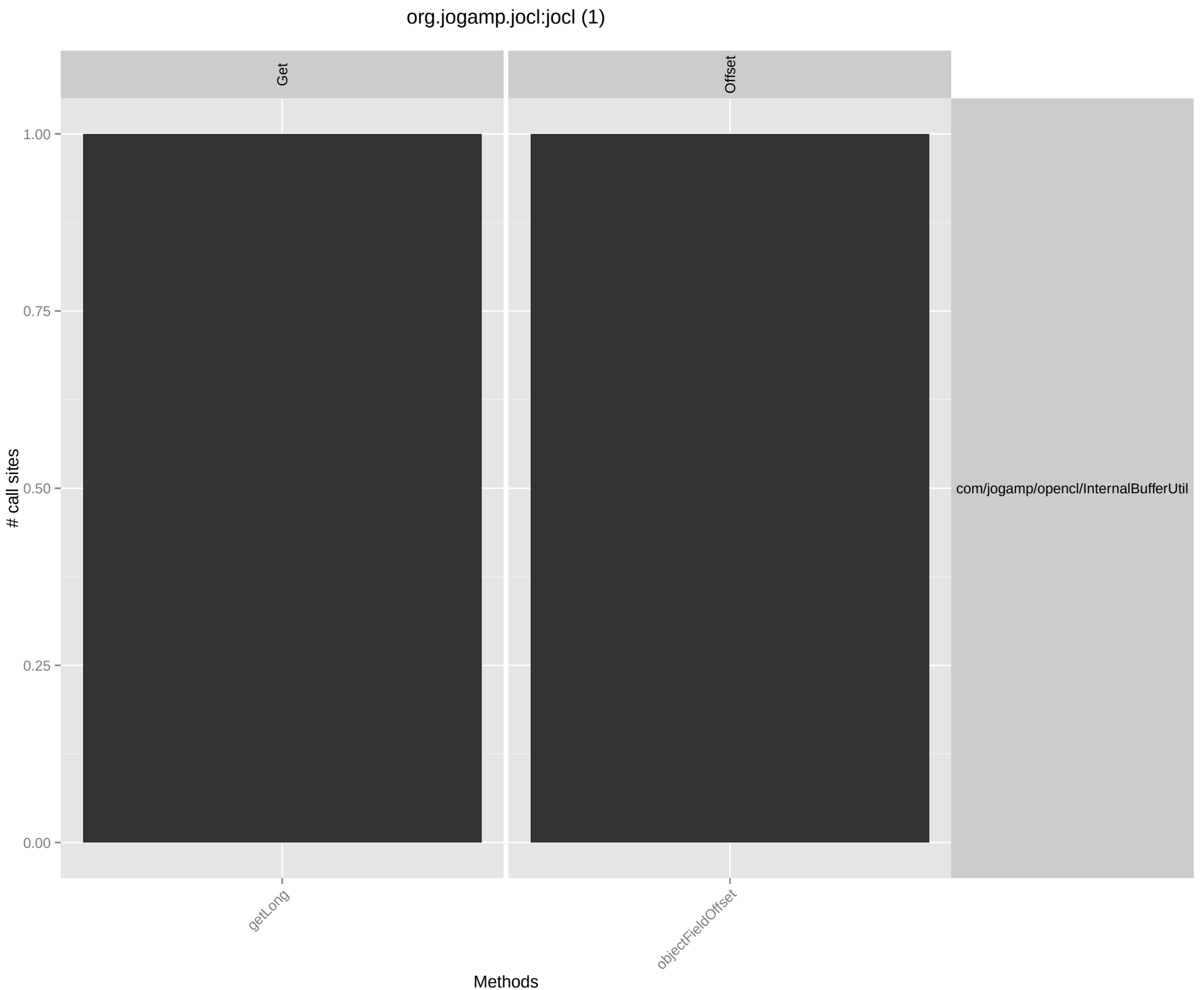

org.infinispan:infinispan−embedded−query (1)
Get
Offset
Put
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
infinispan/org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
call sites
0.0
0.5
1.0
1.5
2.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

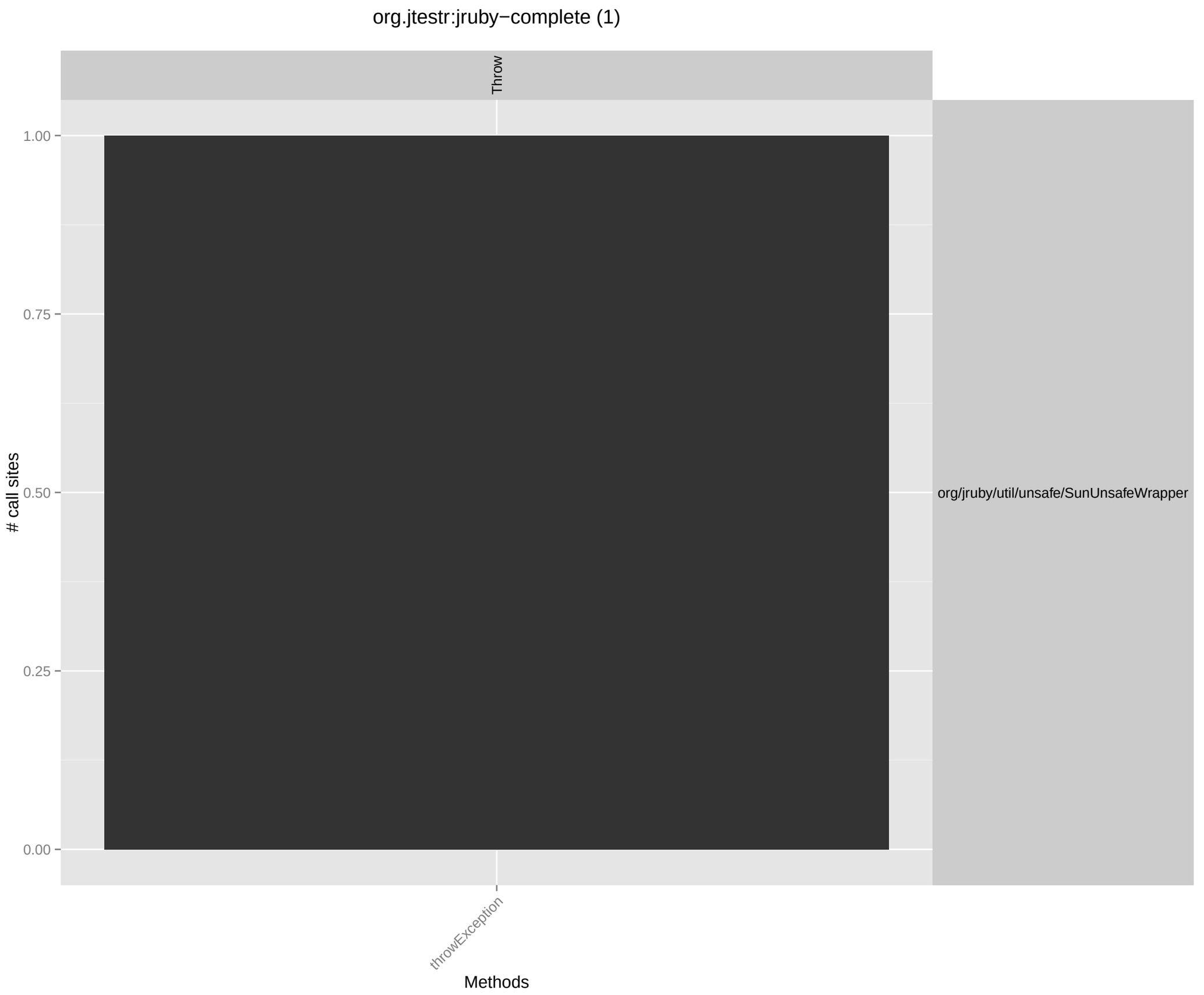

org.jboss.arquillian.daemon:arquillian−daemon−main (1)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

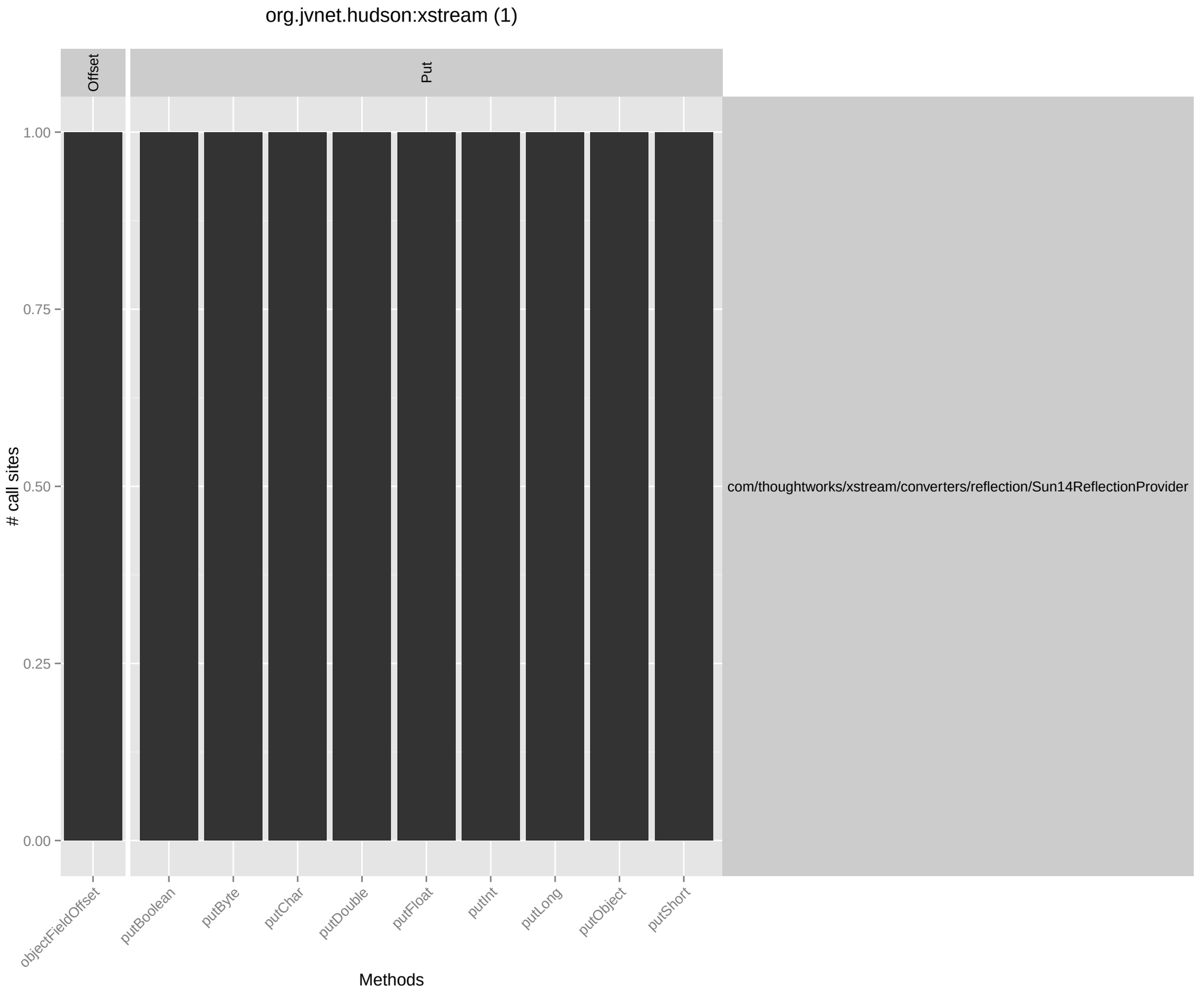

org.jboss.errai.io.netty:netty (1)
CAS
Offset
Put
NA
io/netty/util/internal/LinkedTransferQueue
io/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

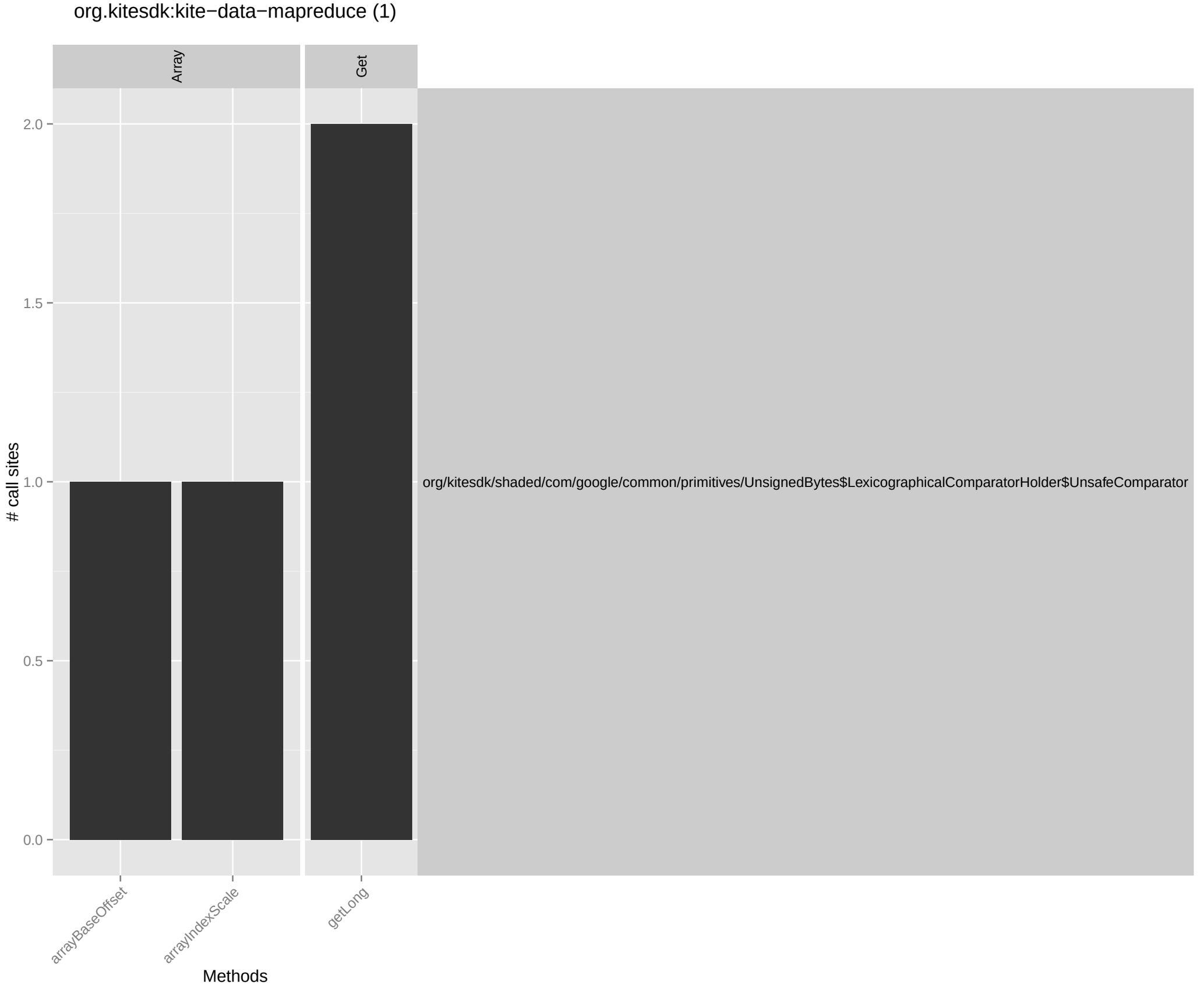

org.jboss.weld.osgi:weld−osgi−core−mandatory (1)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

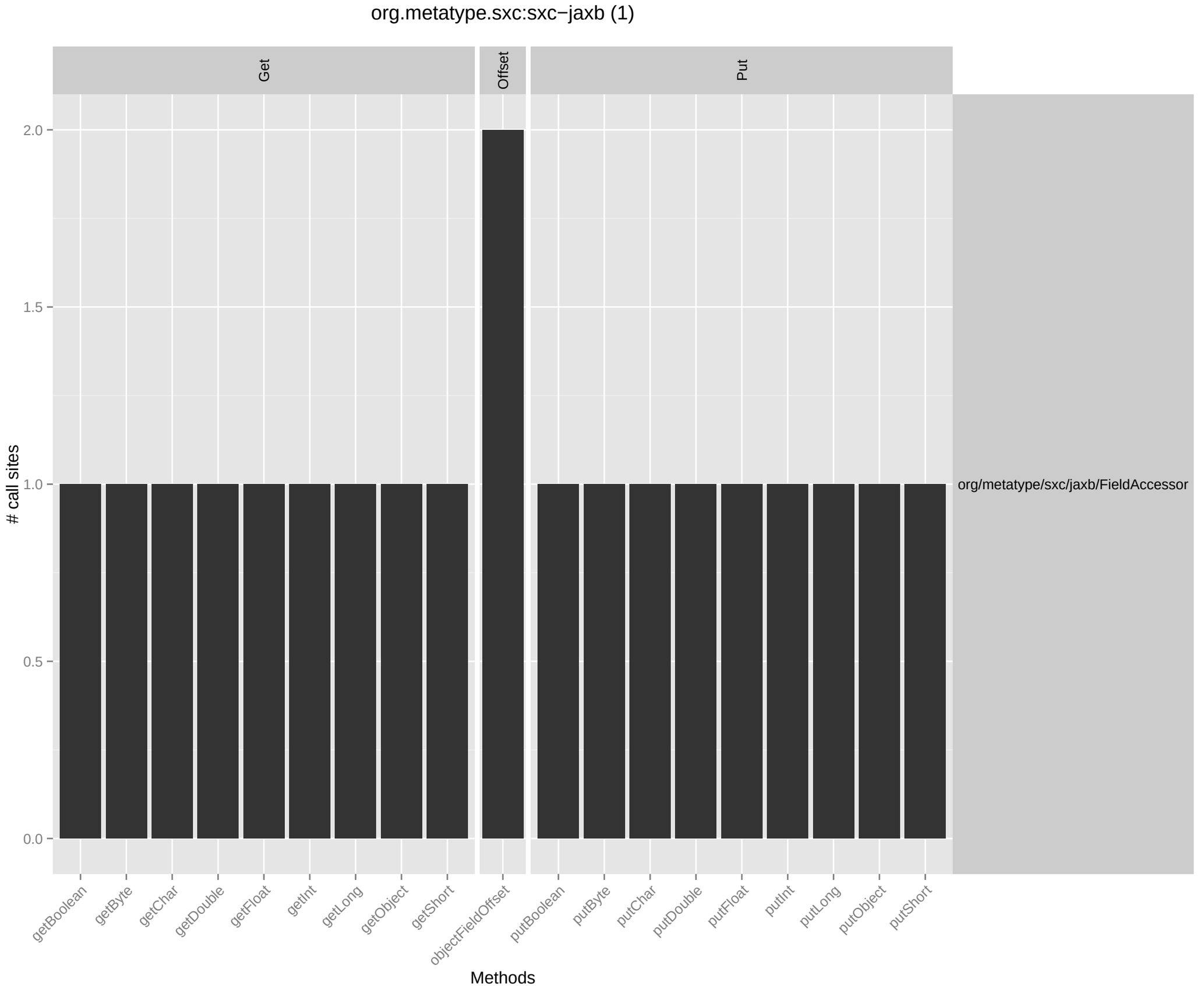

org.jctools:jctools−core (1)
Array
CAS
Fetch & Add
Get
Get Volatile
Offset
Put
Put Lazy
org/jctools/queues/BaseLinkedQueueConsumerNodeRef
org/jctools/queues/BaseLinkedQueueProducerNodeRef
org/jctools/queues/ConcurrentCircularArrayQueue
org/jctools/queues/ConcurrentSequencedCircularArrayQueue
org/jctools/queues/LinkedQueueNode
org/jctools/queues/MpmcArrayQueueConsumerField
org/jctools/queues/MpmcArrayQueueProducerField
org/jctools/queues/MpscArrayQueueConsumerField
org/jctools/queues/MpscArrayQueueTailField
org/jctools/queues/MpscLinkedQueue7
org/jctools/queues/MpscLinkedQueue8
org/jctools/queues/SpmcArrayQueueConsumerField
org/jctools/queues/SpmcArrayQueueProducerField
org/jctools/queues/SpscArrayQueueConsumerField
org/jctools/queues/SpscArrayQueueProducerFields
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
getAndSetObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

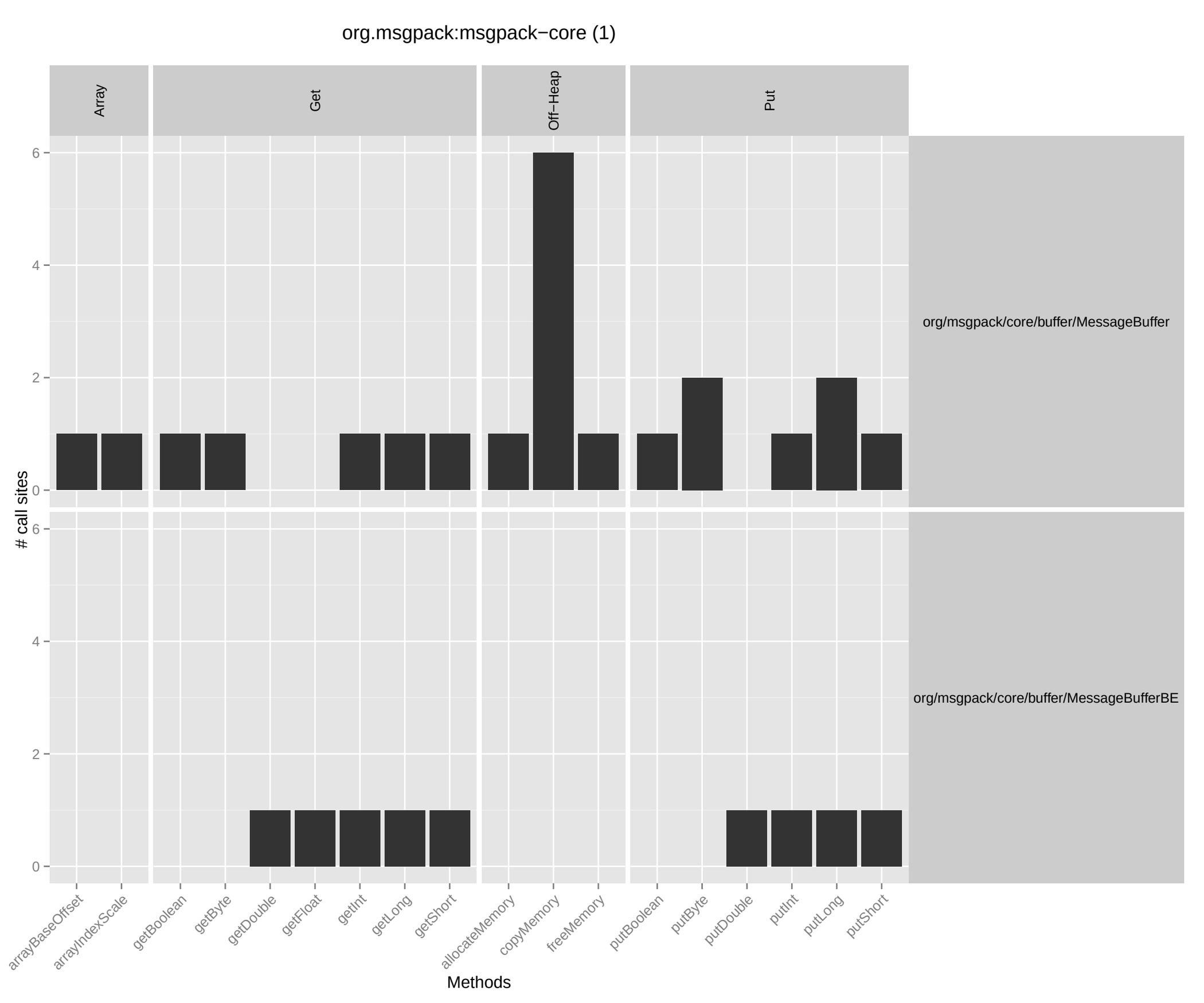

org.jogamp.jocl:jocl (1)
Get
Offset
com/jogamp/opencl/InternalBufferUtil
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

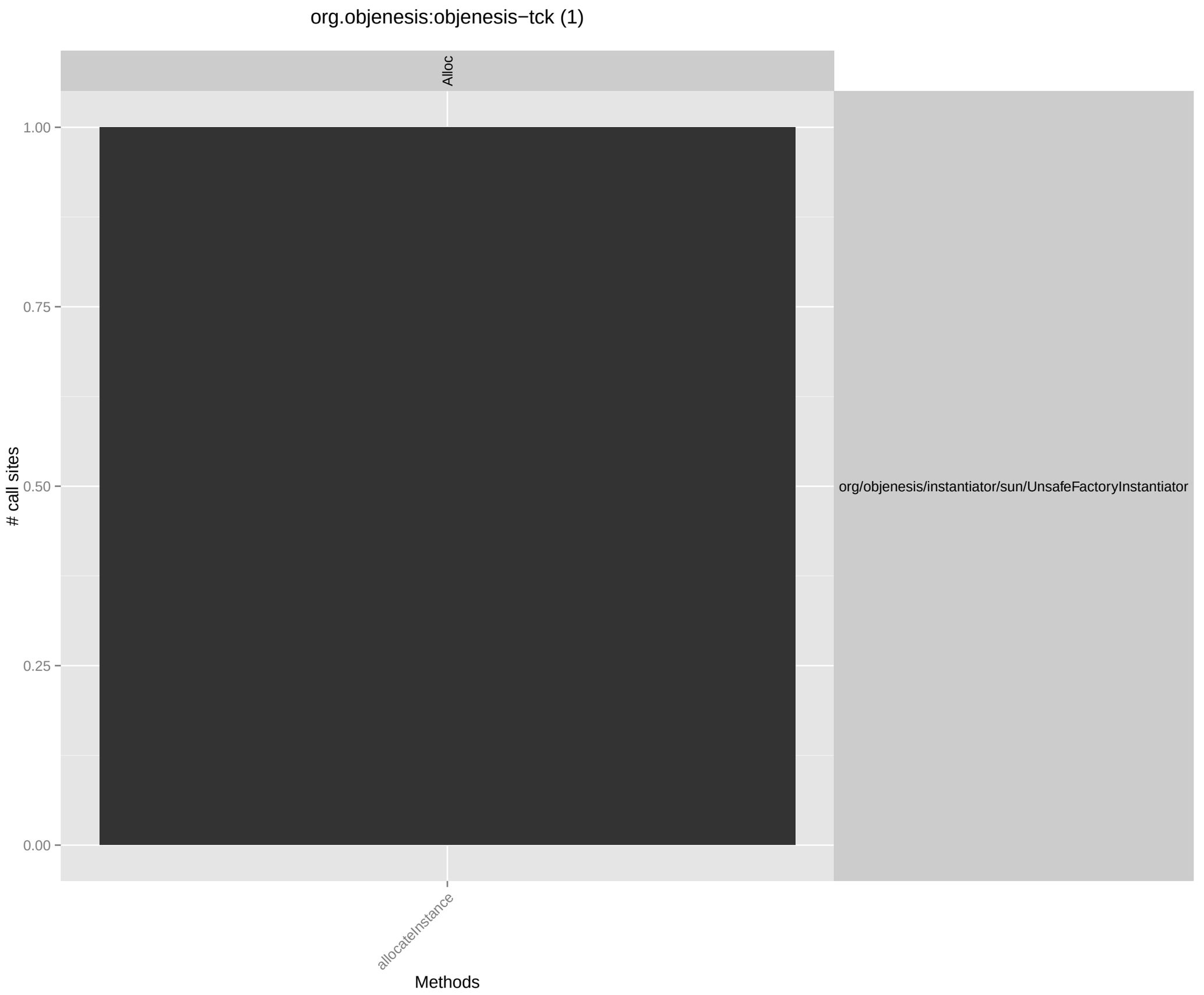

org.jtestr:jruby−complete (1)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
org/jruby/util/unsafe/SunUnsafeWrapper
throwException
Methods

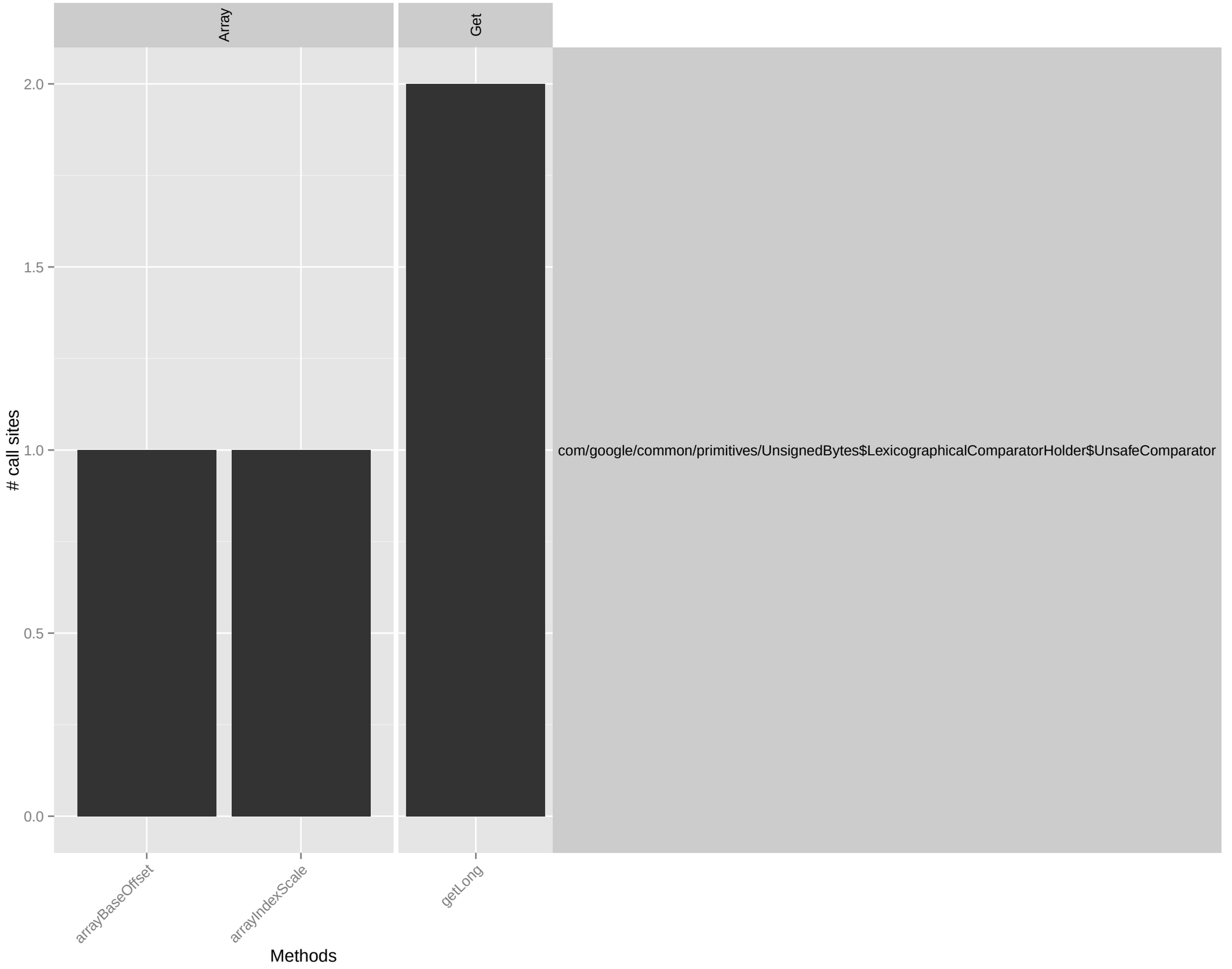

org.jvnet.hudson:xstream (1)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

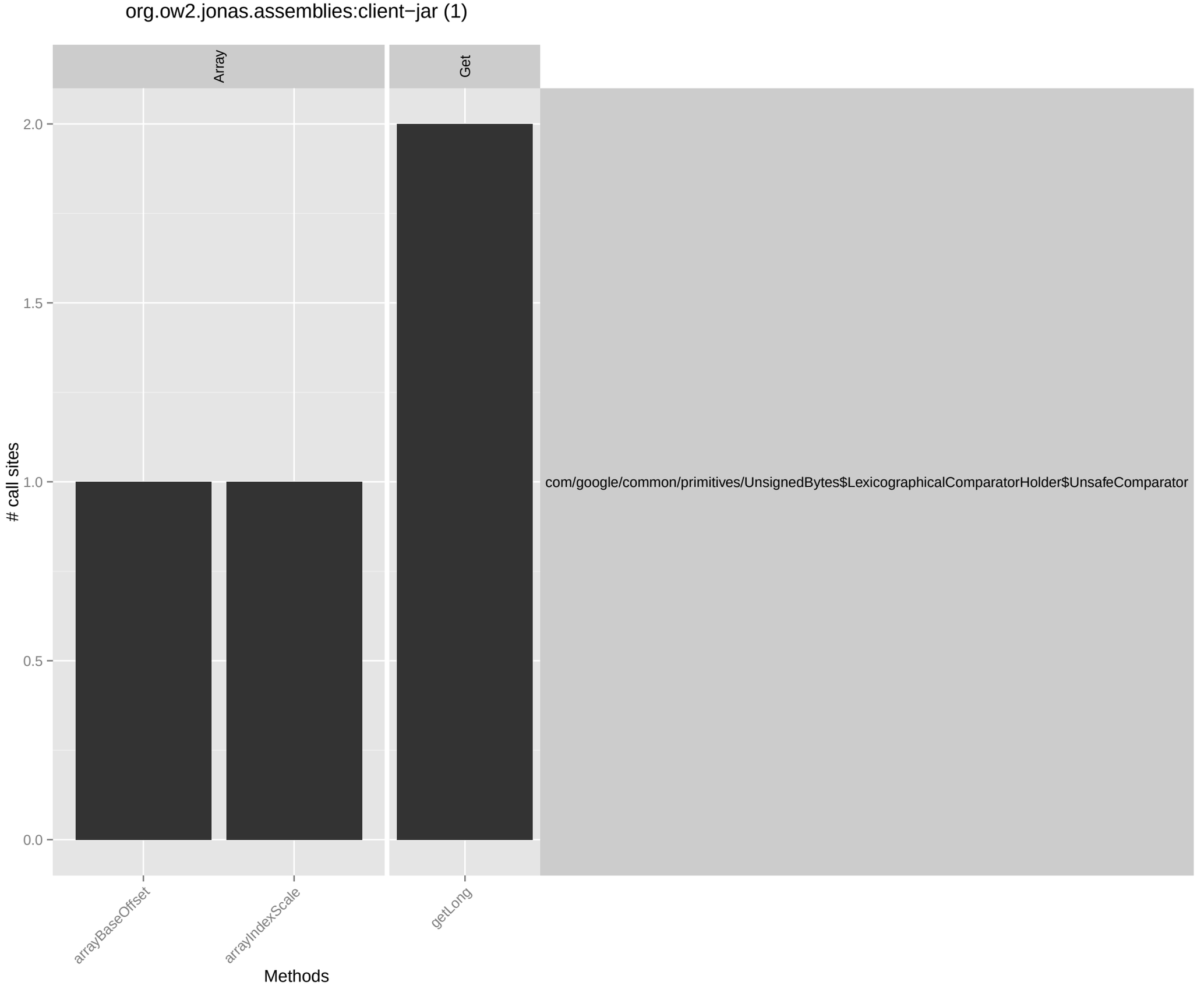

org.kitesdk:kite−data−mapreduce (1)
Array
Get
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

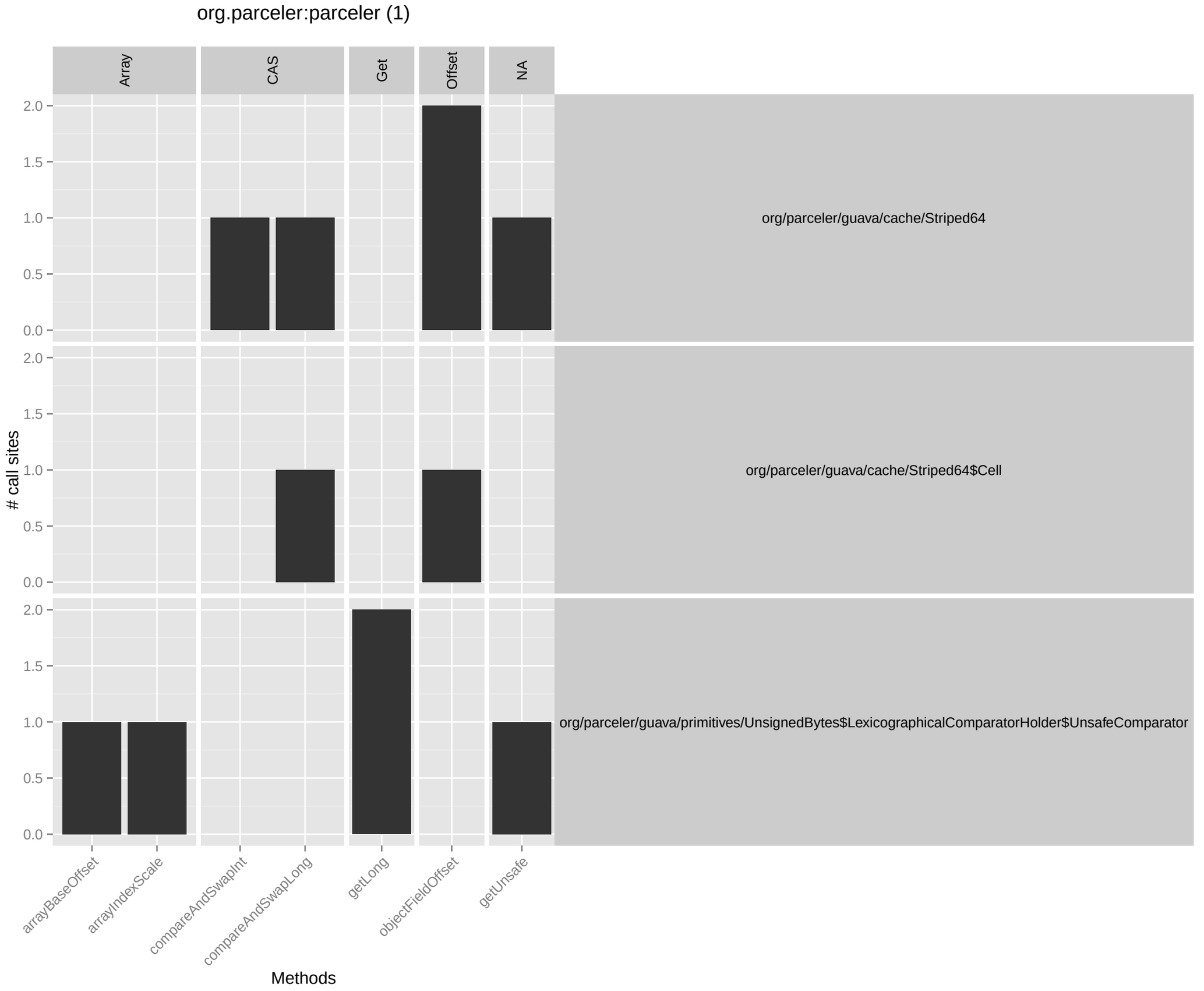

org.metatype.sxc:sxc−jaxb (1)
Get
Offset
Put
org/metatype/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

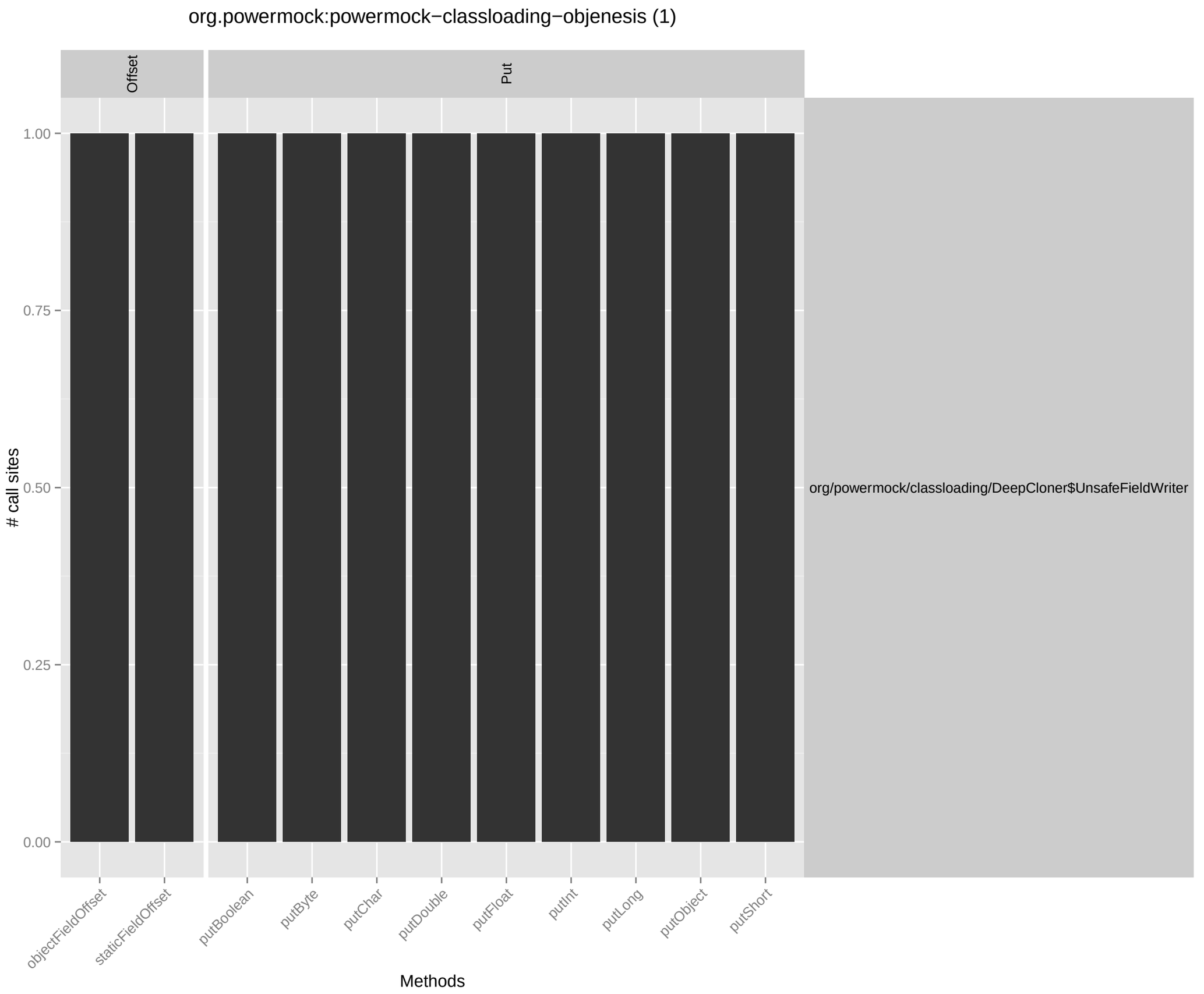

org.msgpack:msgpack−core (1)
Array
Get
Off−Heap
Put
org/msgpack/core/buffer/MessageBuffer
org/msgpack/core/buffer/MessageBufferBE
call sites
0
2
4
6
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putBoolean
putByte
putDouble
putInt
putLong
putShort
Methods

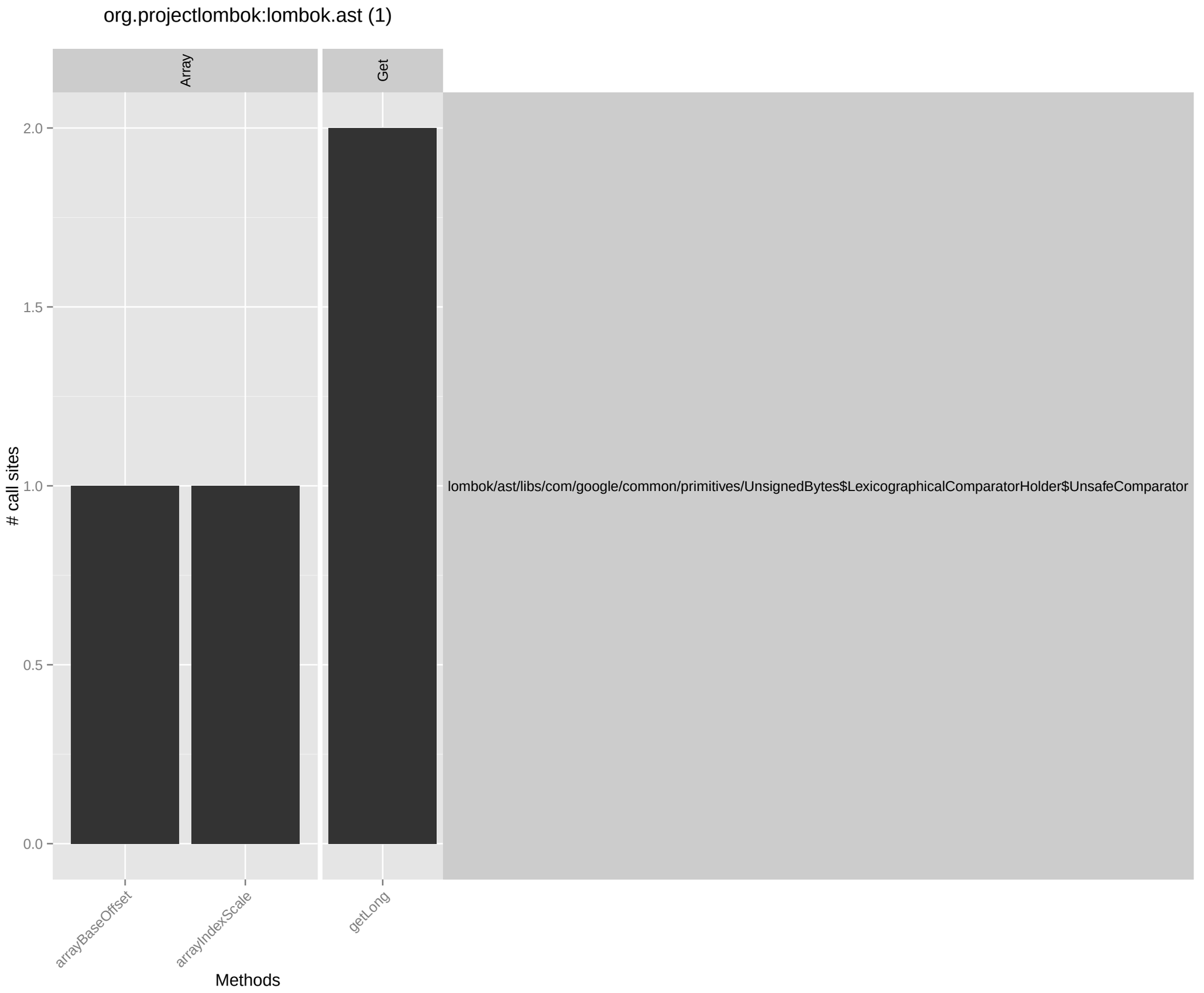

org.objenesis:objenesis−tck (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

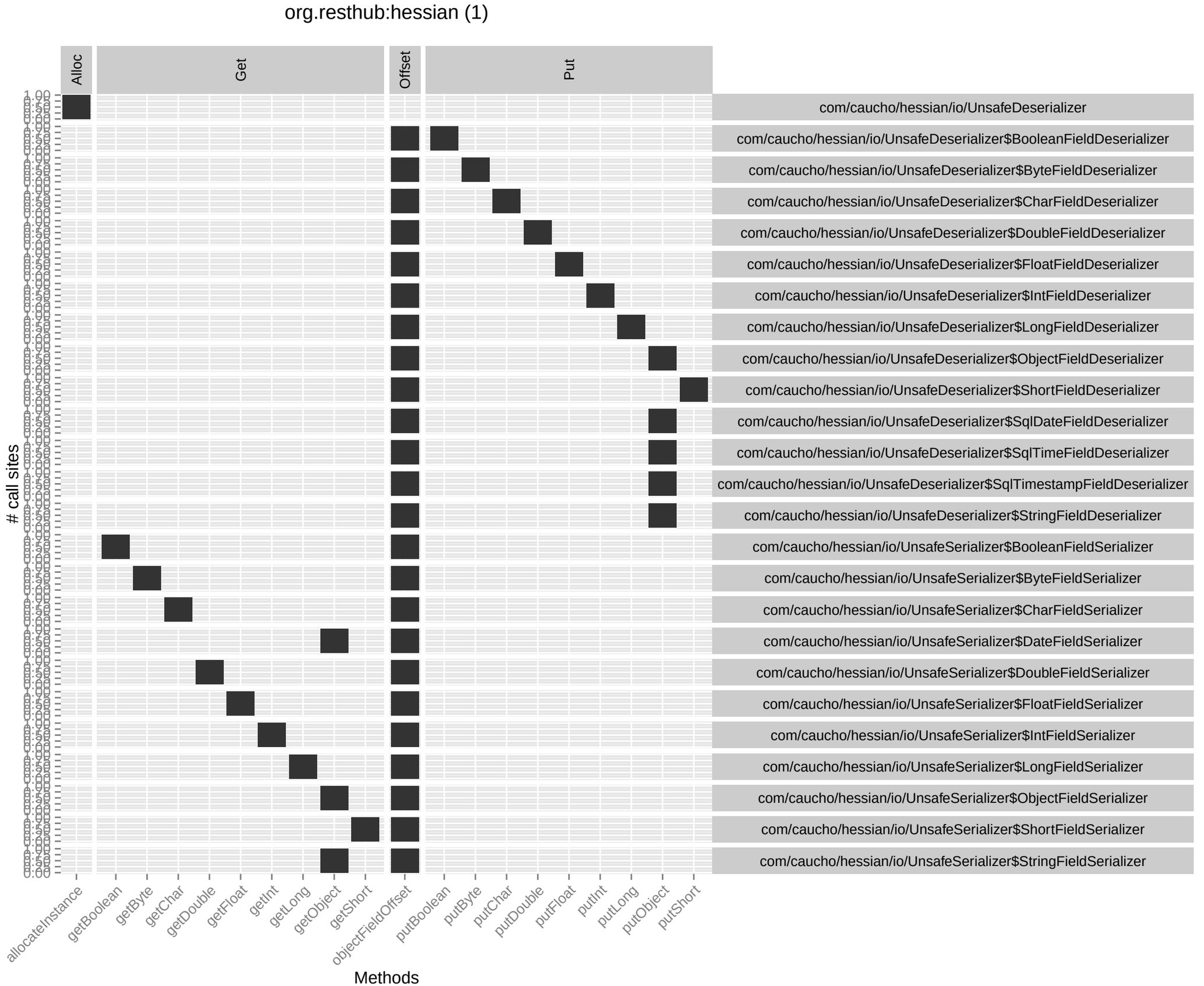

org.openengsb.wrapped:jira−rest−java−client−core (1)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

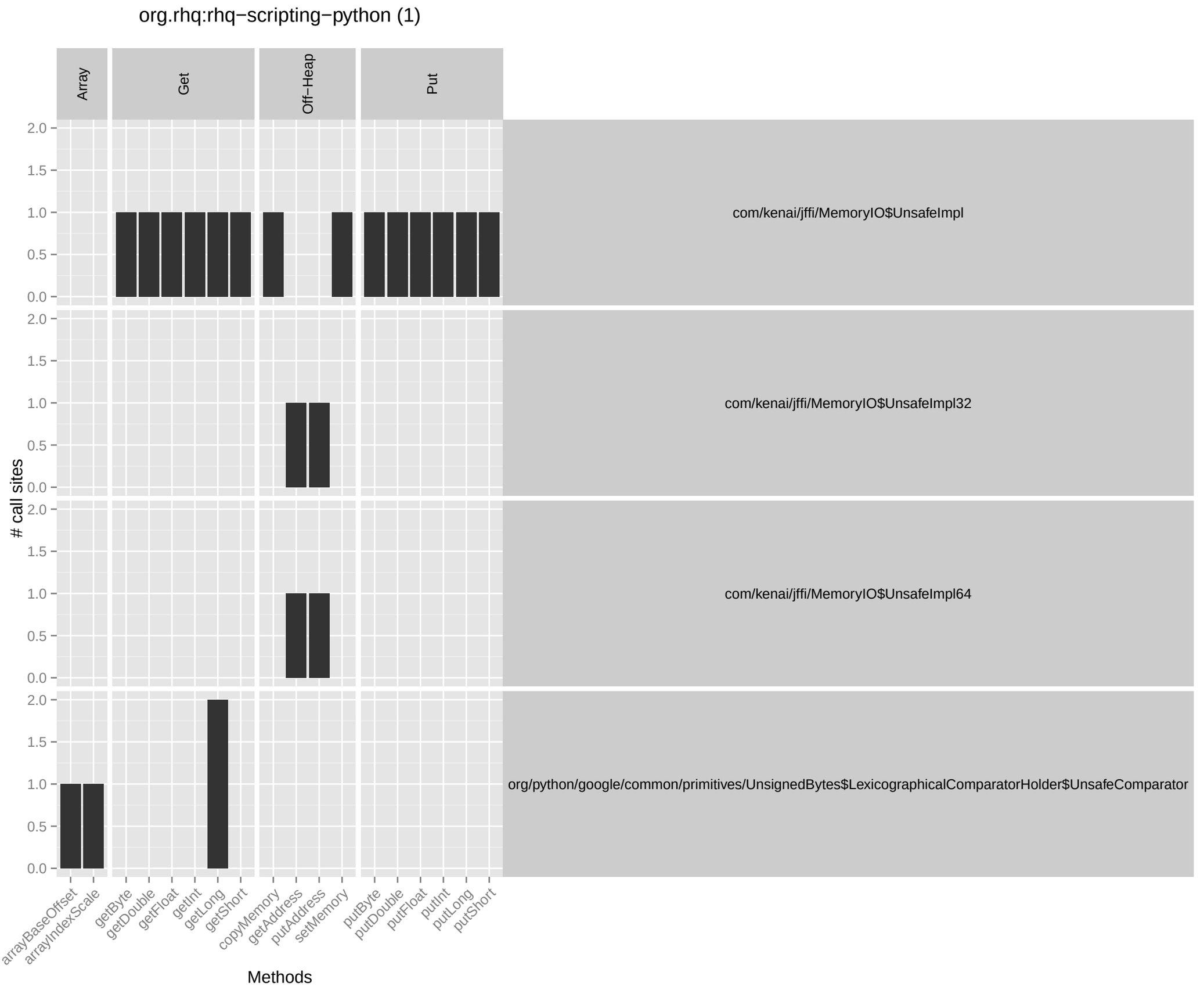

org.ow2.jonas.assemblies:client−jar (1)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

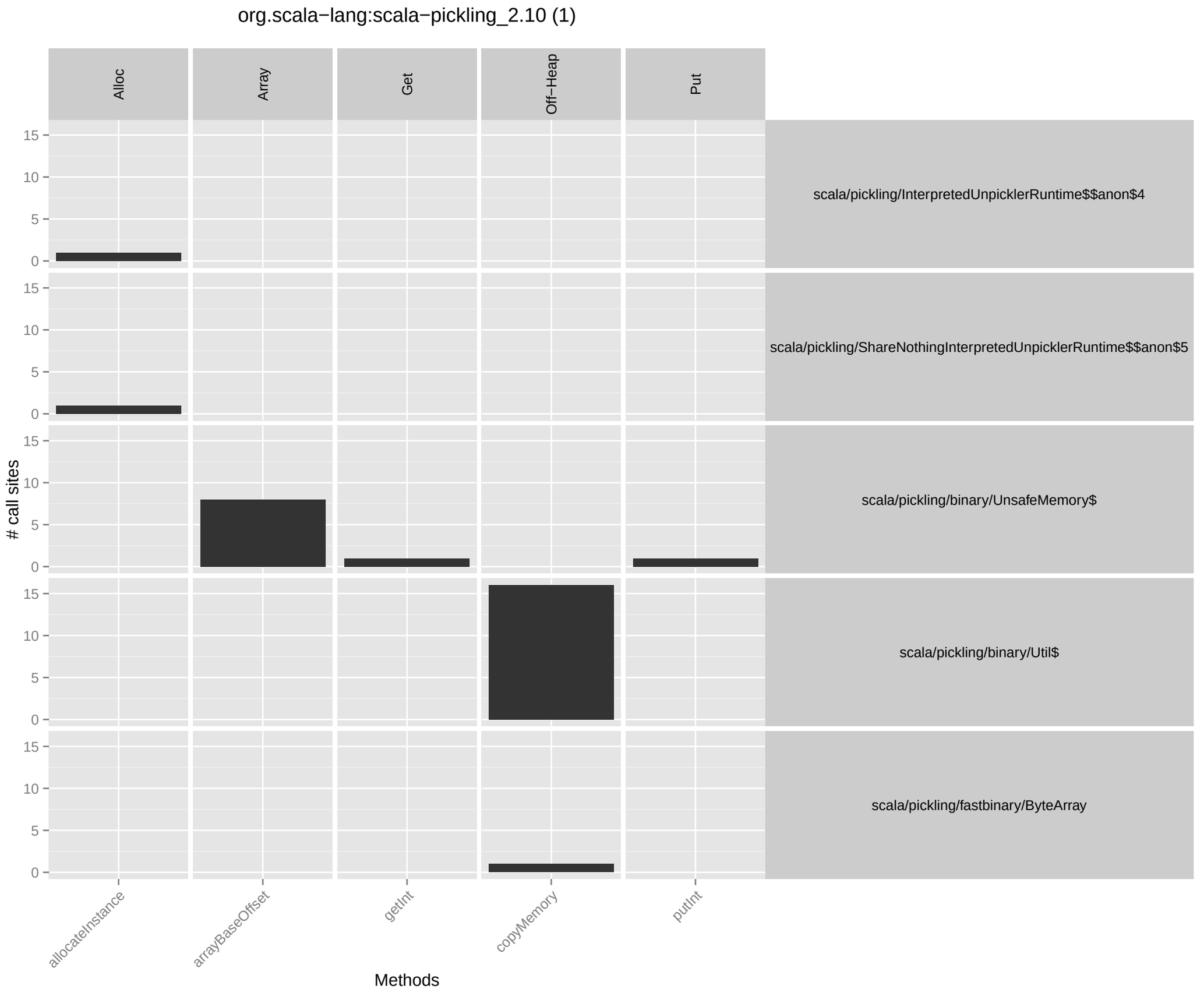

org.parceler:parceler (1)
Array
CAS
Get
Offset
NA
org/parceler/guava/cache/Striped64
org/parceler/guava/cache/Striped64$Cell
org/parceler/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

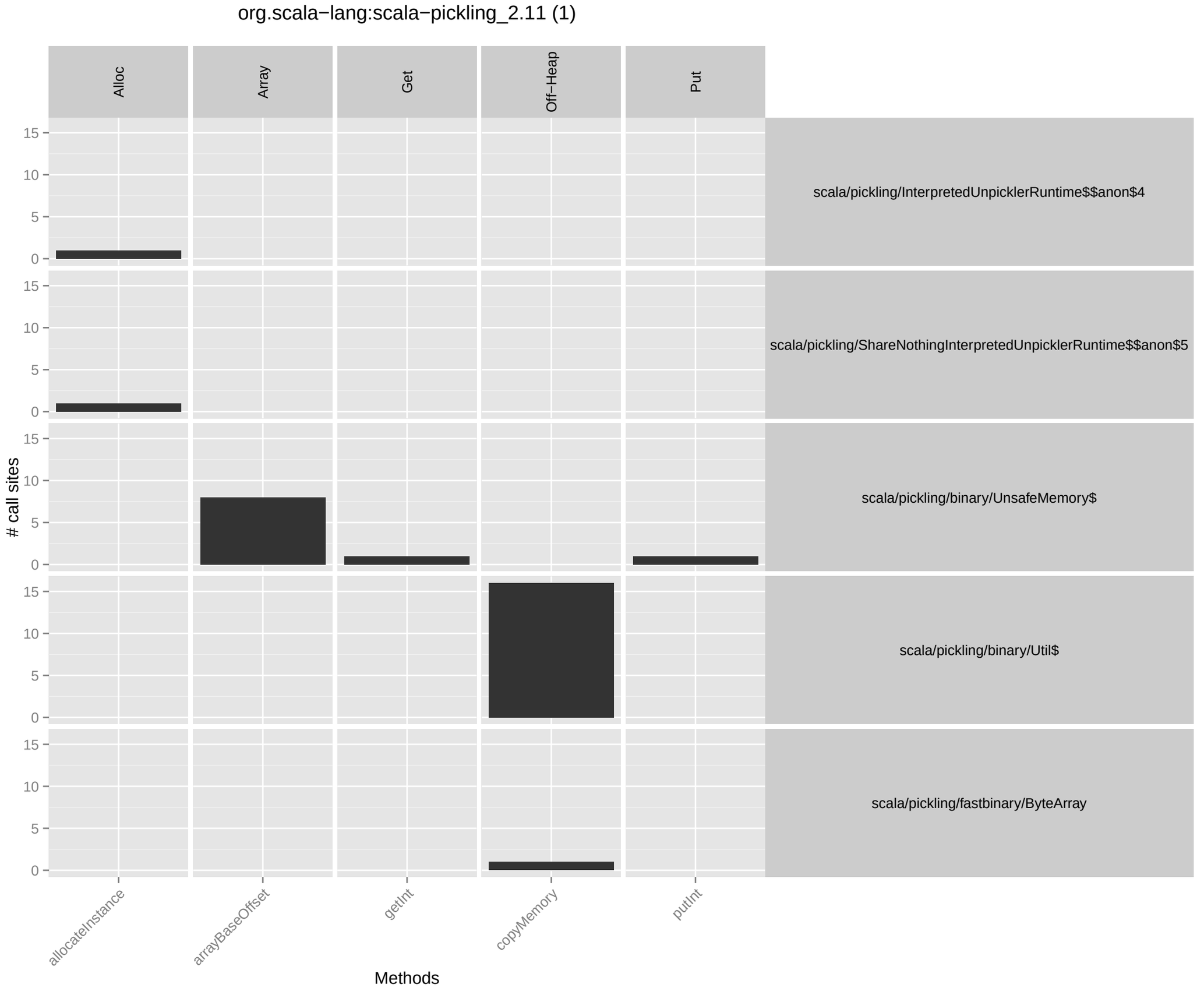

org.powermock:powermock−classloading−objenesis (1)
Offset
Put
org/powermock/classloading/DeepCloner$UnsafeFieldWriter
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

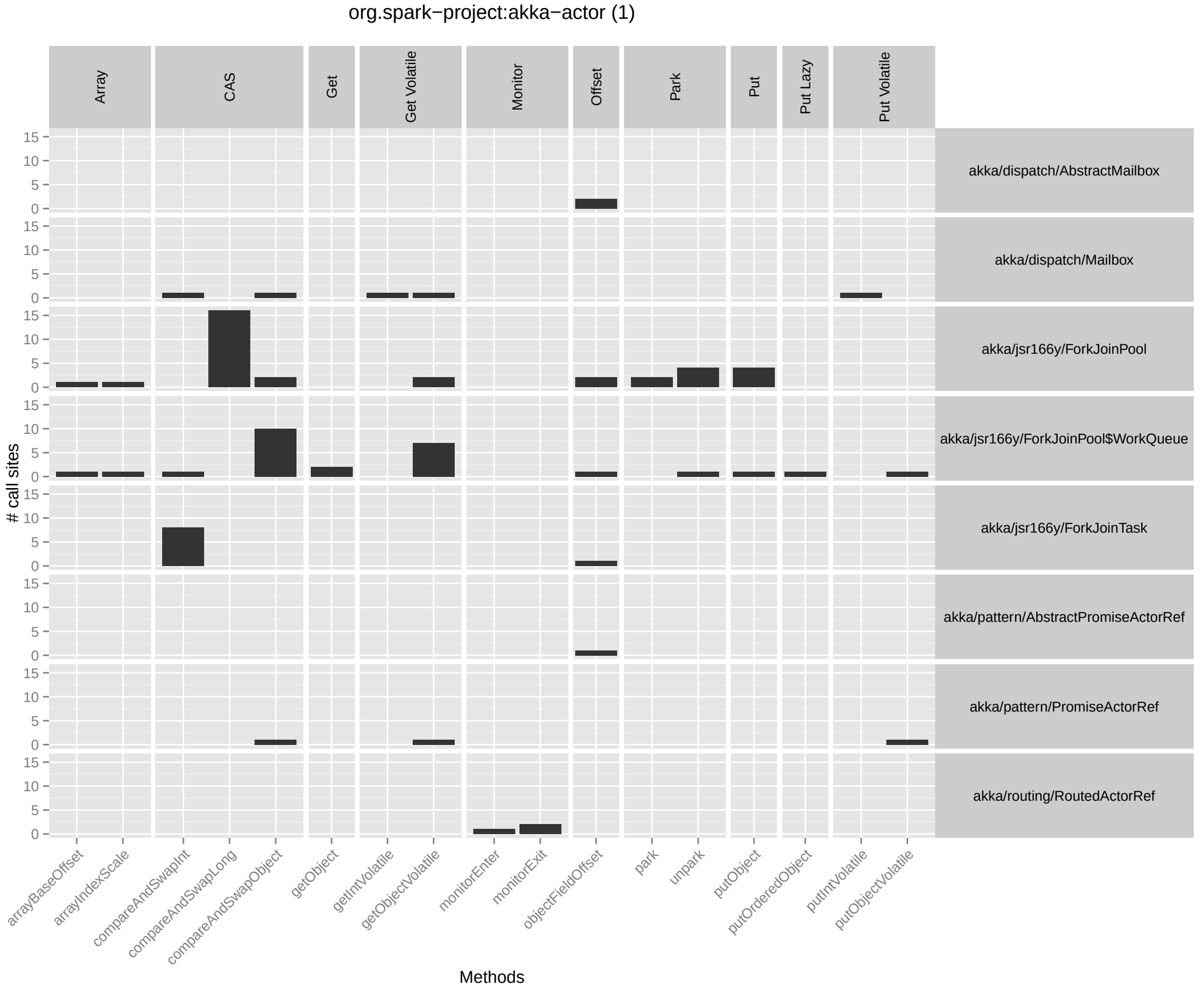

org.projectlombok:lombok.ast (1)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
lombok/ast/libs/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

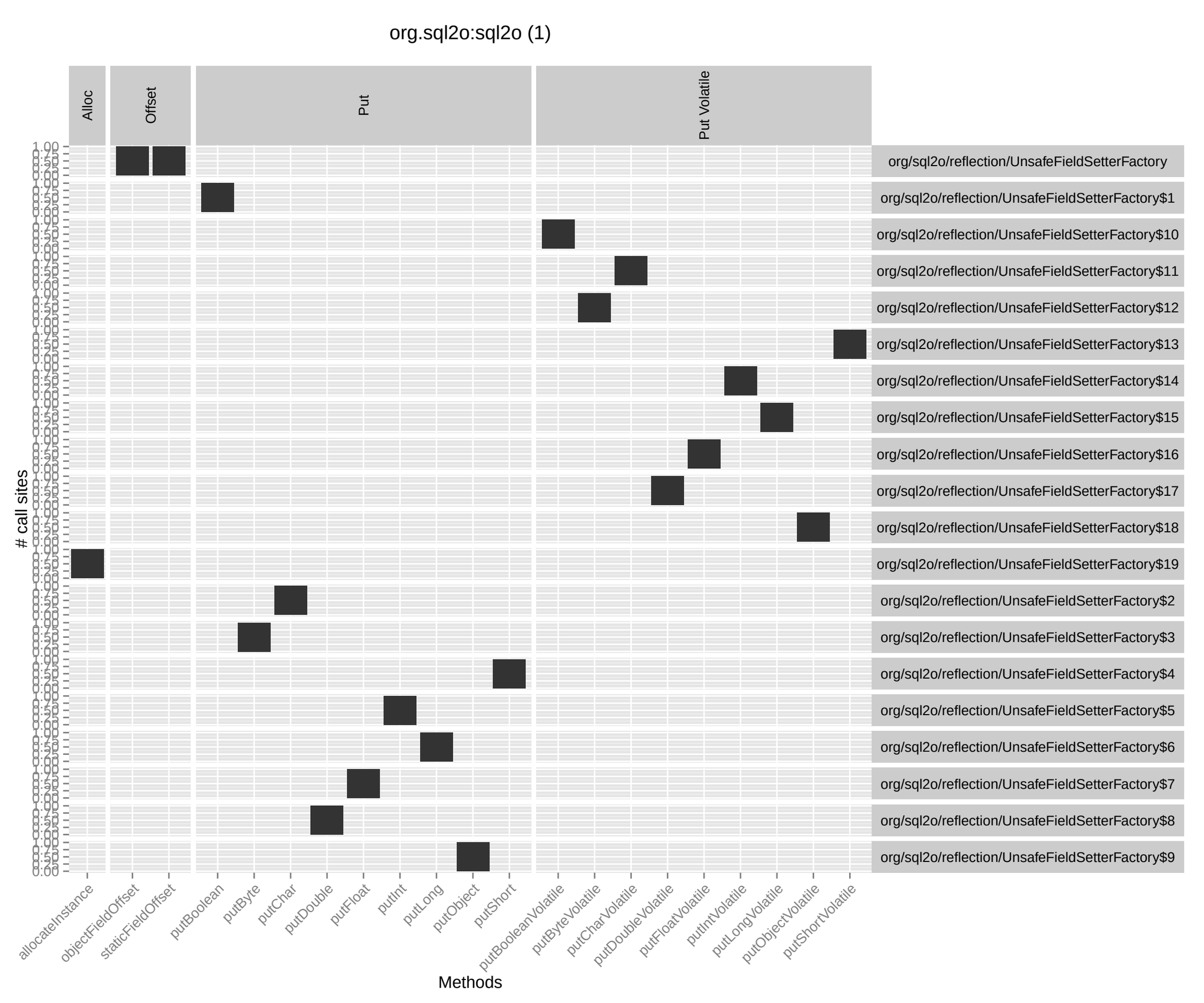

org.resthub:hessian (1)
Alloc
Get
Offset
Put
com/caucho/hessian/io/UnsafeDeserializer
com/caucho/hessian/io/UnsafeDeserializer$BooleanFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ByteFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$CharFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$DoubleFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$FloatFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$IntFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$LongFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ObjectFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ShortFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlDateFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimeFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimestampFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$StringFieldDeserializer
com/caucho/hessian/io/UnsafeSerializer$BooleanFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ByteFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$CharFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DateFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DoubleFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$FloatFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$IntFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$LongFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ObjectFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ShortFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$StringFieldSerializer
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

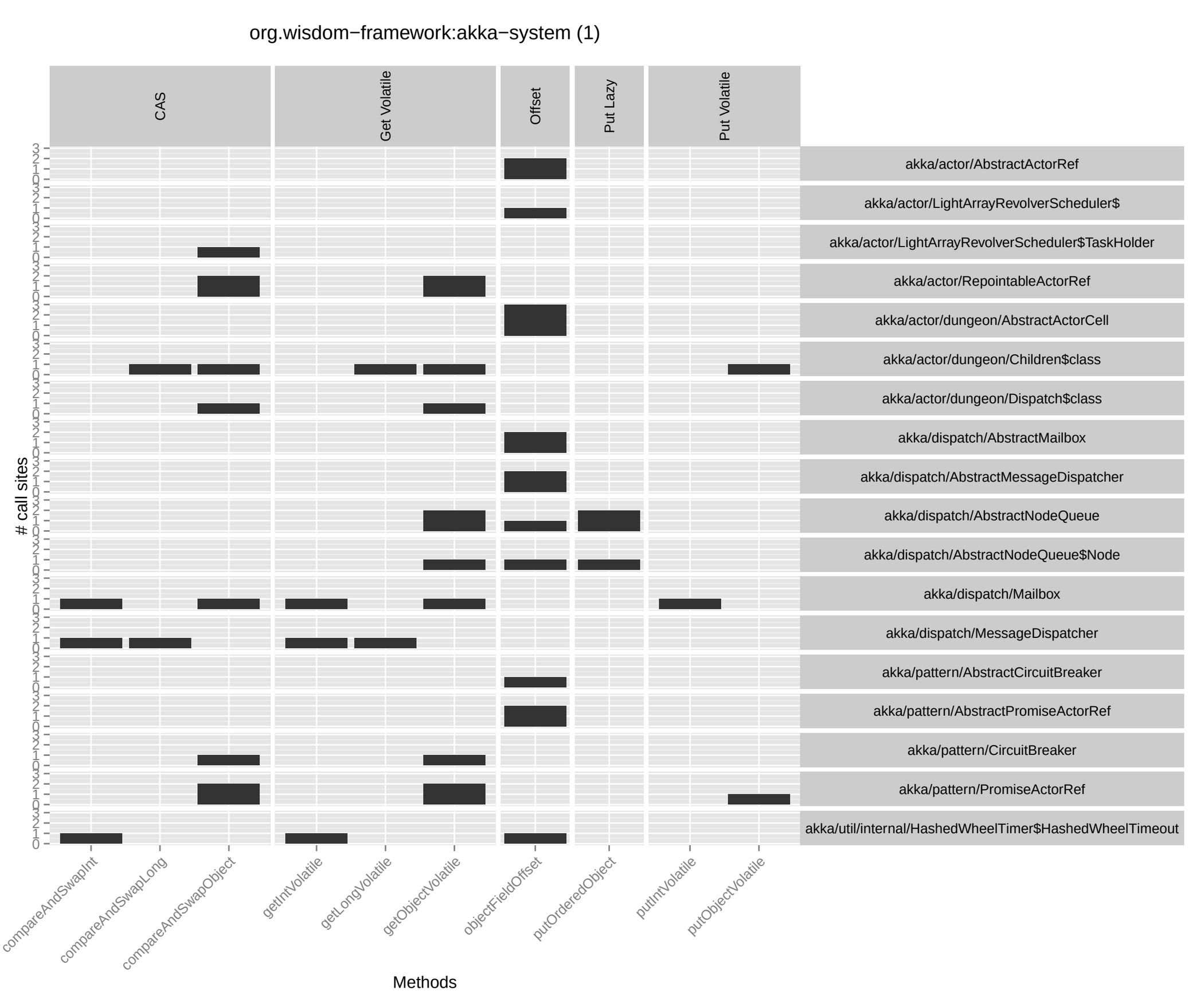

org.rhq:rhq−scripting−python (1)
Array
Get
Off−Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/python/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
getAddress
putAddress
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

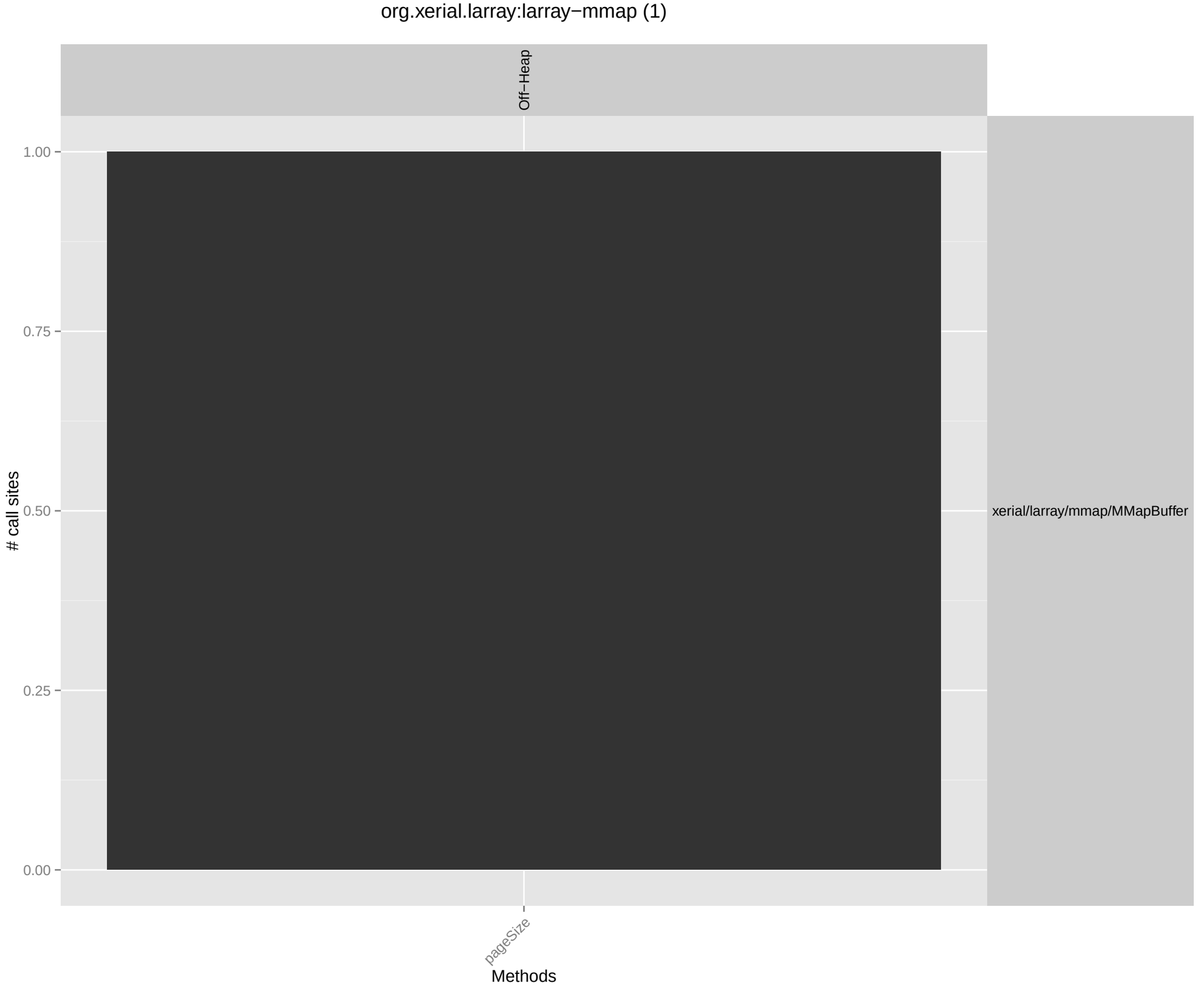

org.scala−lang:scala−pickling_2.10 (1)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/ShareNothingInterpretedUnpicklerRuntime$$anon$5
scala/pickling/binary/UnsafeMemory$
scala/pickling/binary/Util$
scala/pickling/fastbinary/ByteArray
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

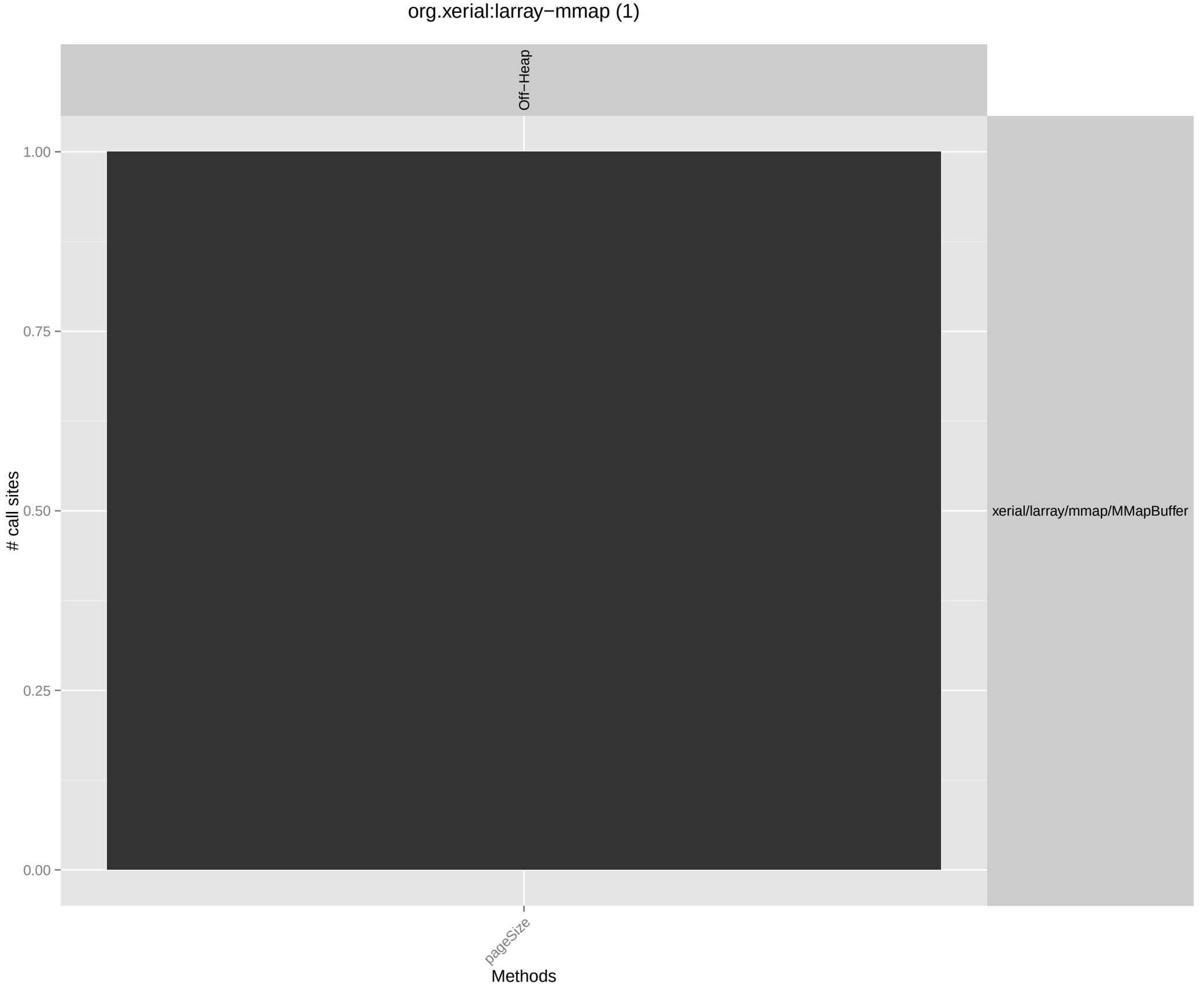

org.scala−lang:scala−pickling_2.11 (1)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/ShareNothingInterpretedUnpicklerRuntime$$anon$5
scala/pickling/binary/UnsafeMemory$
scala/pickling/binary/Util$
scala/pickling/fastbinary/ByteArray
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

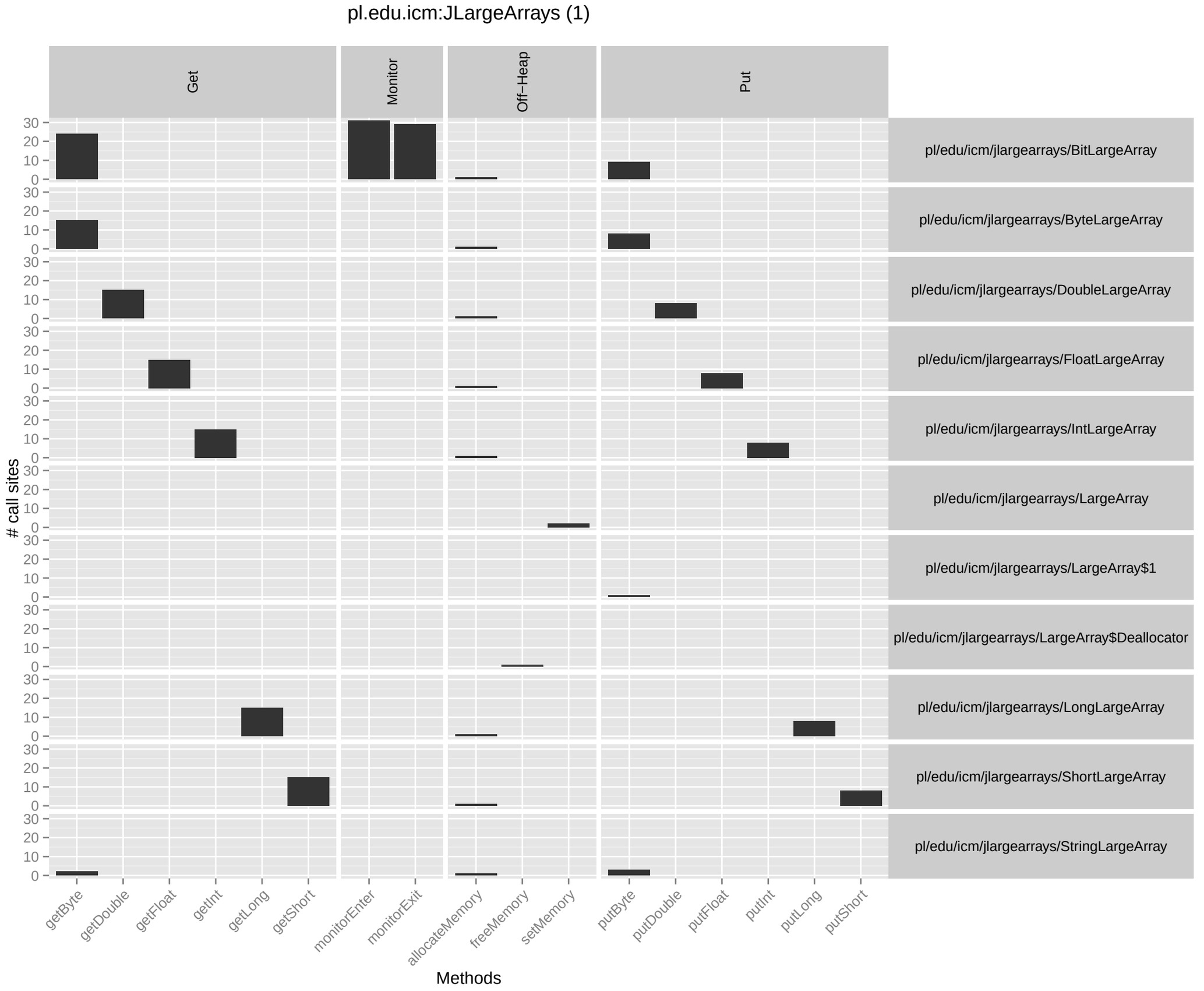

org.spark−project:akka−actor (1)
Array
CAS
Get
Get Volatile
Monitor
Offset
Park
Put
Put Lazy
Put Volatile
akka/dispatch/AbstractMailbox
akka/dispatch/Mailbox
akka/jsr166y/ForkJoinPool
akka/jsr166y/ForkJoinPool$WorkQueue
akka/jsr166y/ForkJoinTask
akka/pattern/AbstractPromiseActorRef
akka/pattern/PromiseActorRef
akka/routing/RoutedActorRef
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getObjectVolatile
monitorEnter
monitorExit
objectFieldOffset
park
unpark
putObject
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

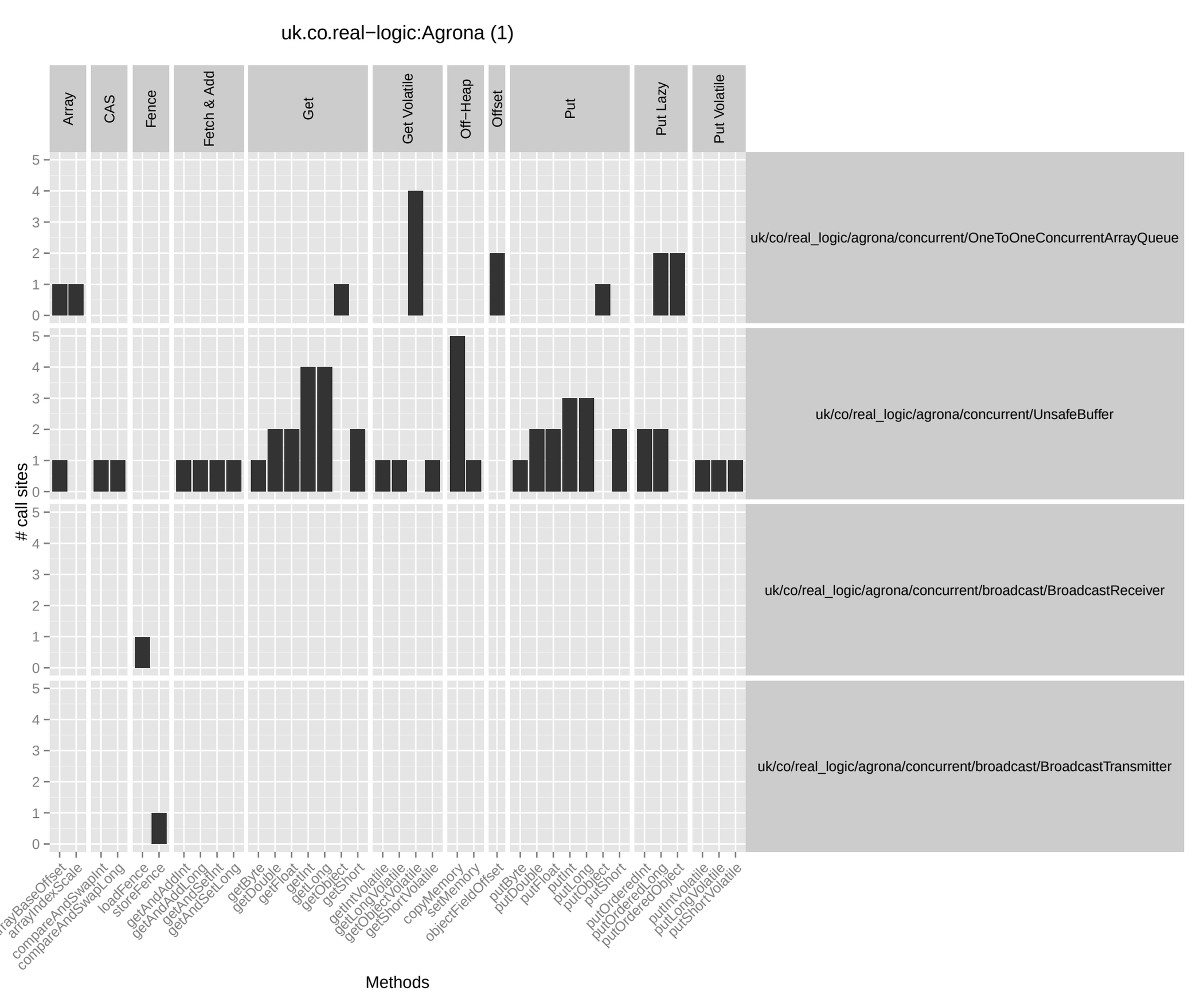

org.sql2o:sql2o (1)
Alloc
Offset
Put
Put Volatile
org/sql2o/reflection/UnsafeFieldSetterFactory
org/sql2o/reflection/UnsafeFieldSetterFactory$1
org/sql2o/reflection/UnsafeFieldSetterFactory$10
org/sql2o/reflection/UnsafeFieldSetterFactory$11
org/sql2o/reflection/UnsafeFieldSetterFactory$12
org/sql2o/reflection/UnsafeFieldSetterFactory$13
org/sql2o/reflection/UnsafeFieldSetterFactory$14
org/sql2o/reflection/UnsafeFieldSetterFactory$15
org/sql2o/reflection/UnsafeFieldSetterFactory$16
org/sql2o/reflection/UnsafeFieldSetterFactory$17
org/sql2o/reflection/UnsafeFieldSetterFactory$18
org/sql2o/reflection/UnsafeFieldSetterFactory$19
org/sql2o/reflection/UnsafeFieldSetterFactory$2
org/sql2o/reflection/UnsafeFieldSetterFactory$3
org/sql2o/reflection/UnsafeFieldSetterFactory$4
org/sql2o/reflection/UnsafeFieldSetterFactory$5
org/sql2o/reflection/UnsafeFieldSetterFactory$6
org/sql2o/reflection/UnsafeFieldSetterFactory$7
org/sql2o/reflection/UnsafeFieldSetterFactory$8
org/sql2o/reflection/UnsafeFieldSetterFactory$9
call sites
allocateInstance
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putBooleanVolatile
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
Methods

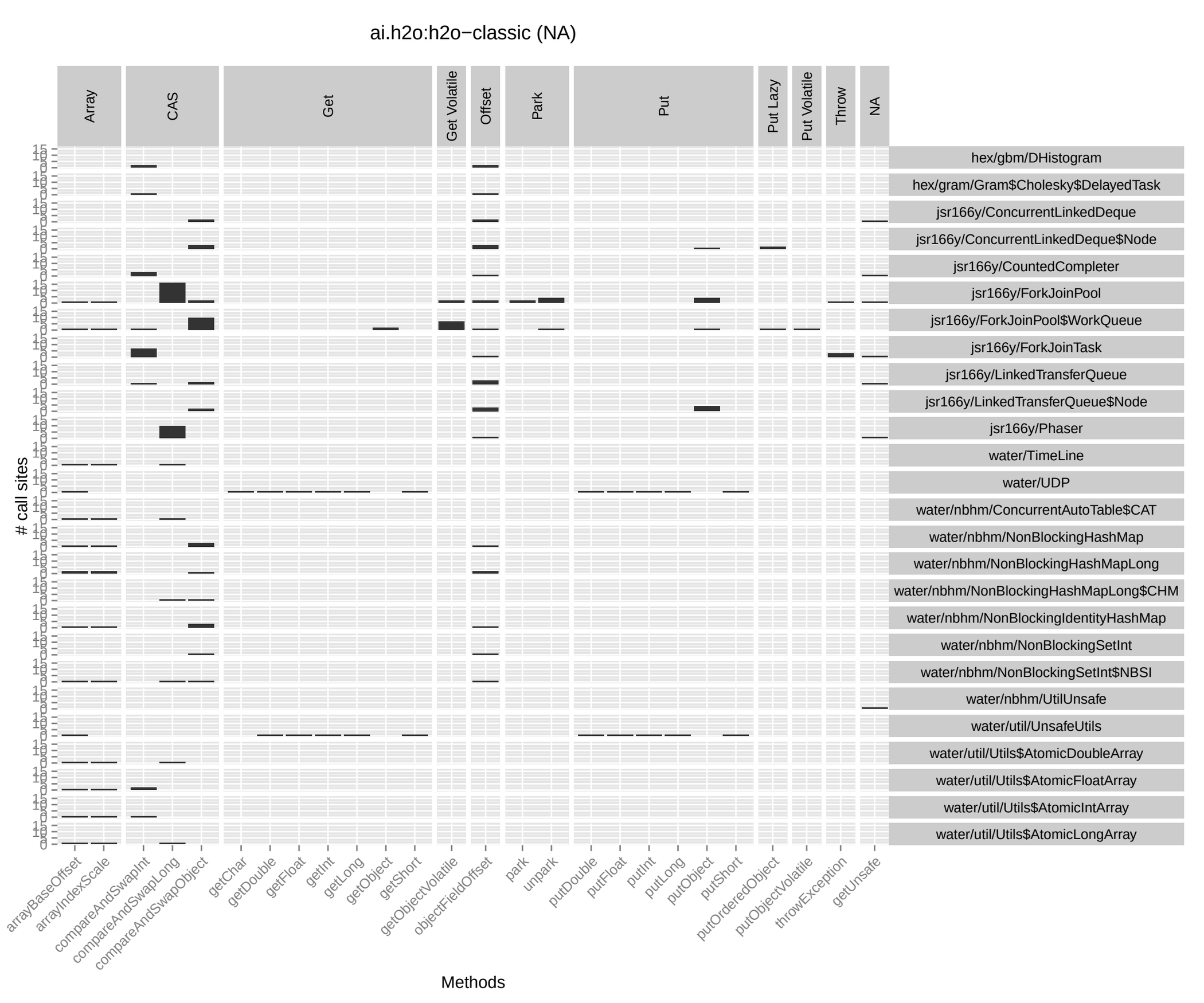

org.wisdom−framework:akka−system (1)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

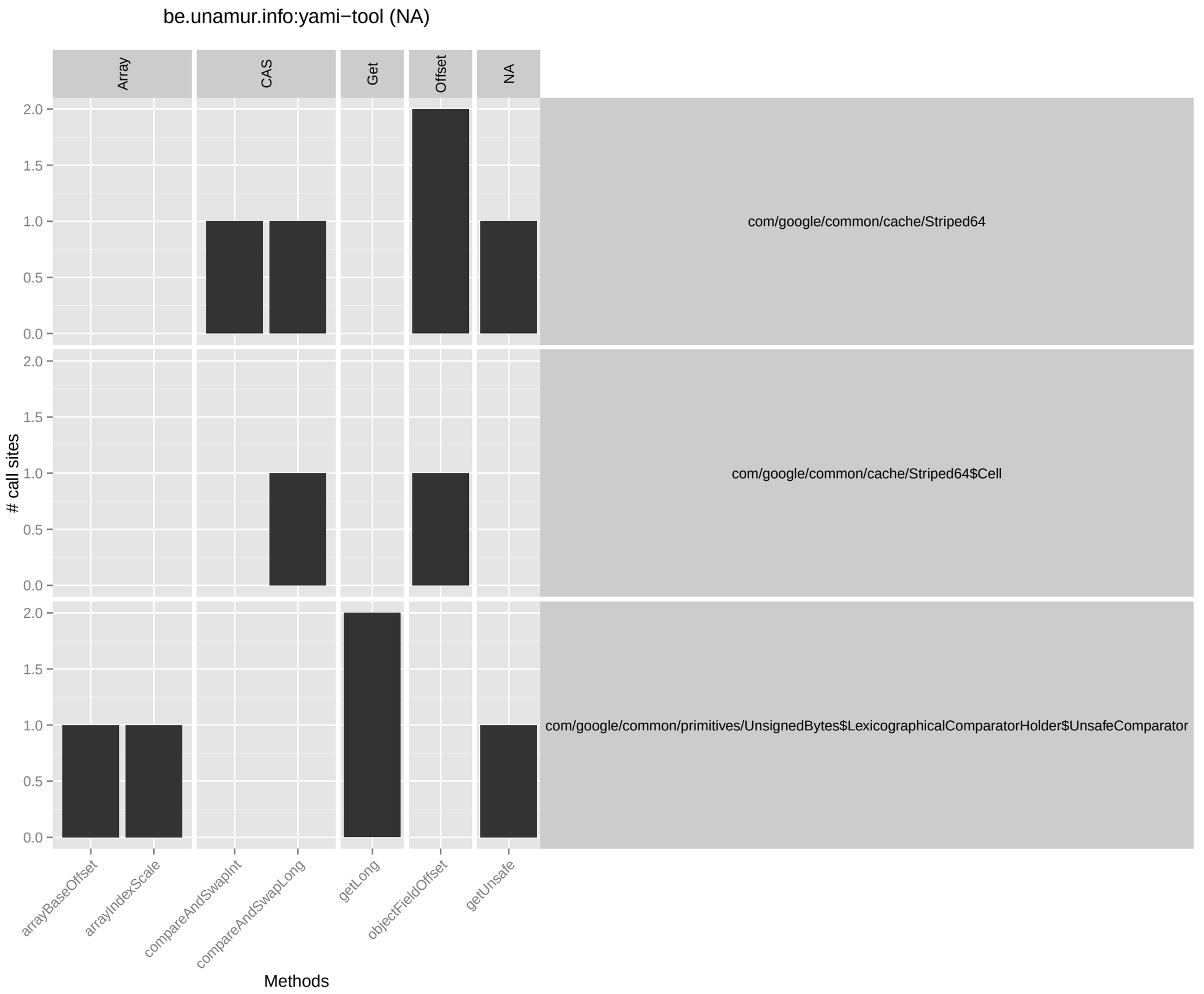

org.xerial.larray:larray−mmap (1)
Off−Heap
1.00
0.75
0.50
0.25
0.00
call sites
xerial/larray/mmap/MMapBuffer
pageSize
Methods

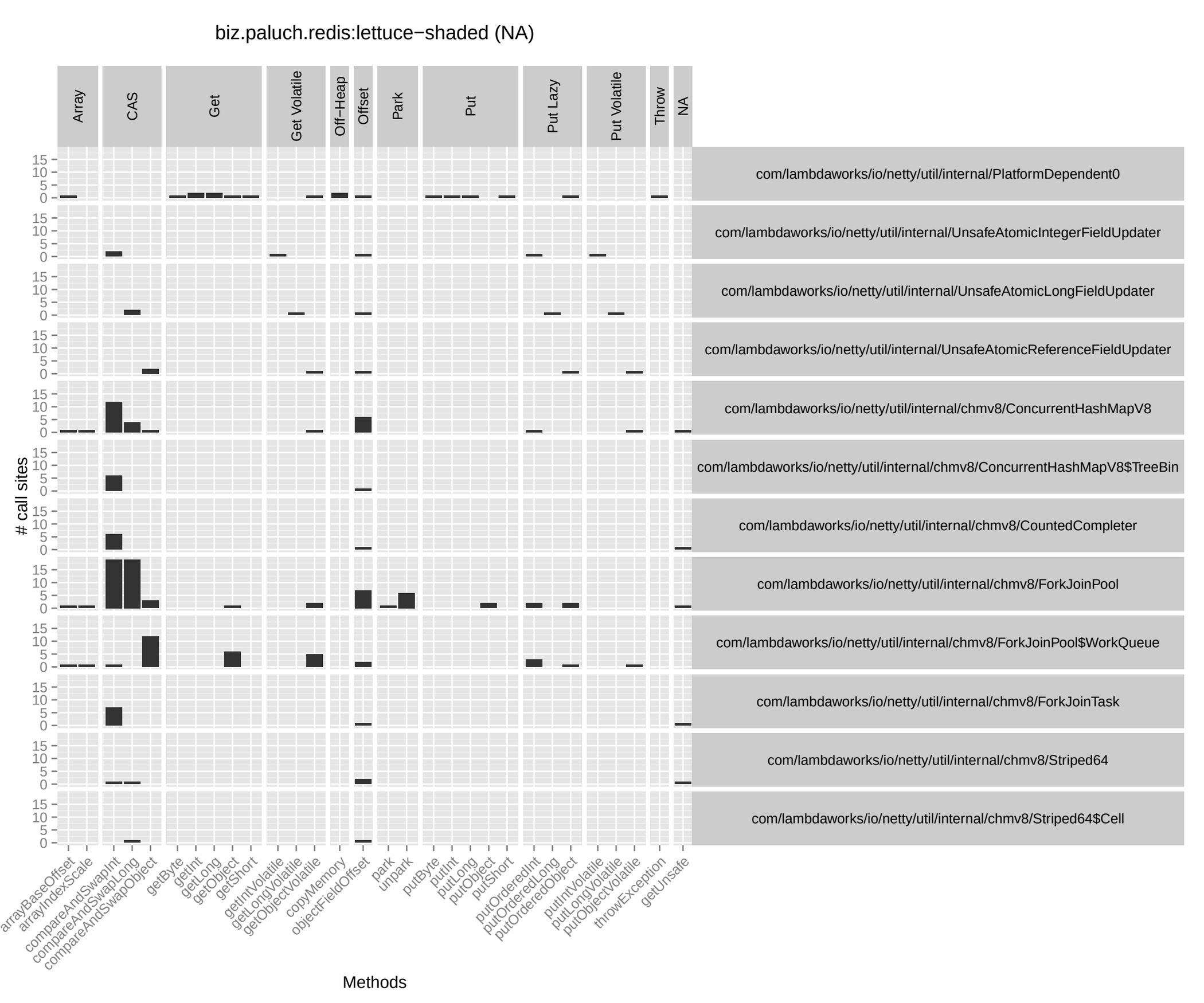

org.xerial:larray−mmap (1)
Off−Heap
xerial/larray/mmap/MMapBuffer
call sites
1.00
0.75
0.50
0.25
0.00
pageSize
Methods

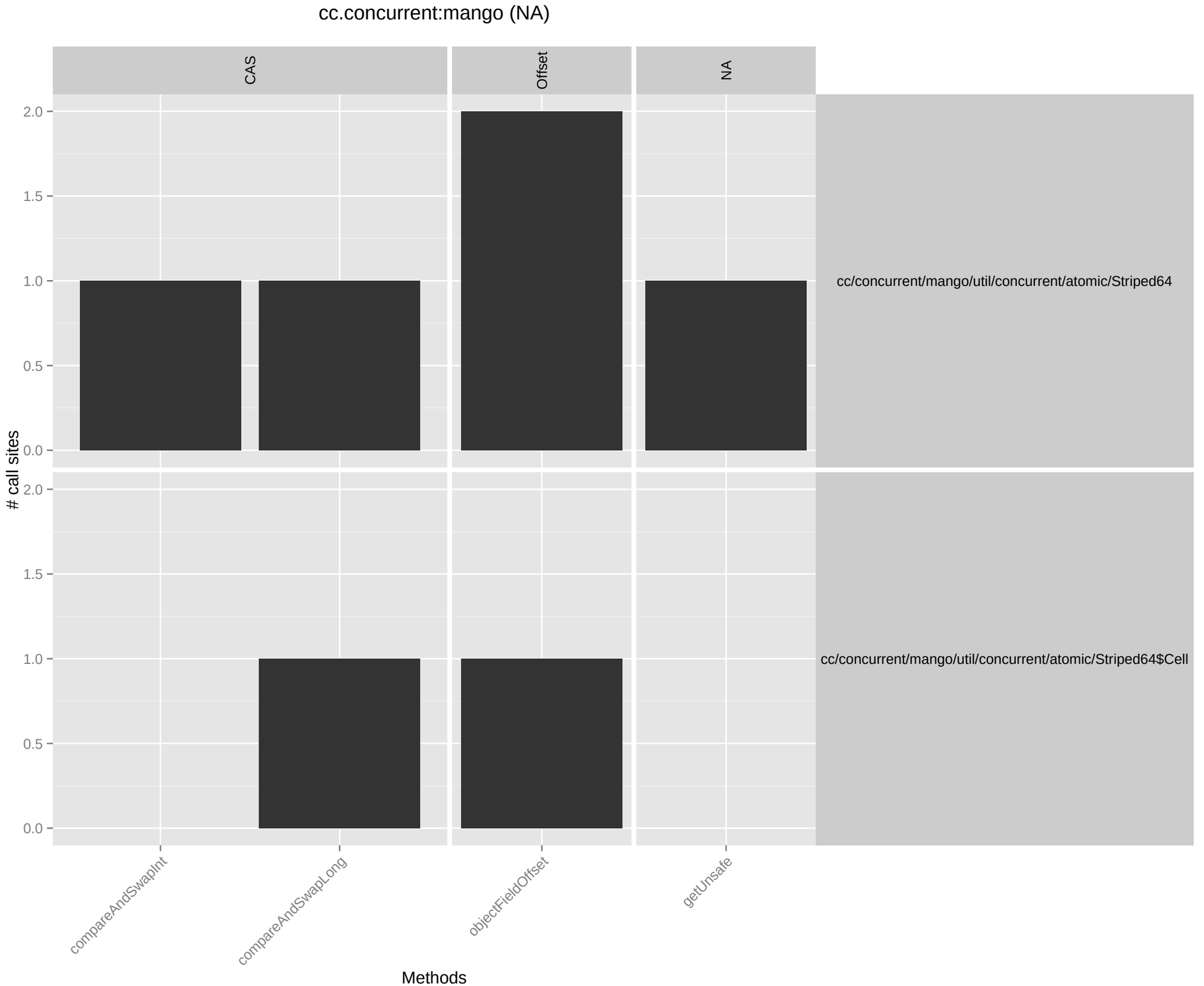

pl.edu.icm:JLargeArrays (1)
Get
Monitor
Off−Heap
Put
pl/edu/icm/jlargearrays/BitLargeArray
pl/edu/icm/jlargearrays/ByteLargeArray
pl/edu/icm/jlargearrays/DoubleLargeArray
pl/edu/icm/jlargearrays/FloatLargeArray
pl/edu/icm/jlargearrays/IntLargeArray
pl/edu/icm/jlargearrays/LargeArray
pl/edu/icm/jlargearrays/LargeArray$1
pl/edu/icm/jlargearrays/LargeArray$Deallocator
pl/edu/icm/jlargearrays/LongLargeArray
pl/edu/icm/jlargearrays/ShortLargeArray
pl/edu/icm/jlargearrays/StringLargeArray
call sites
0
10
20
30
getByte
getDouble
getFloat
getInt
getLong
getShort
monitorEnter
monitorExit
allocateMemory
freeMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

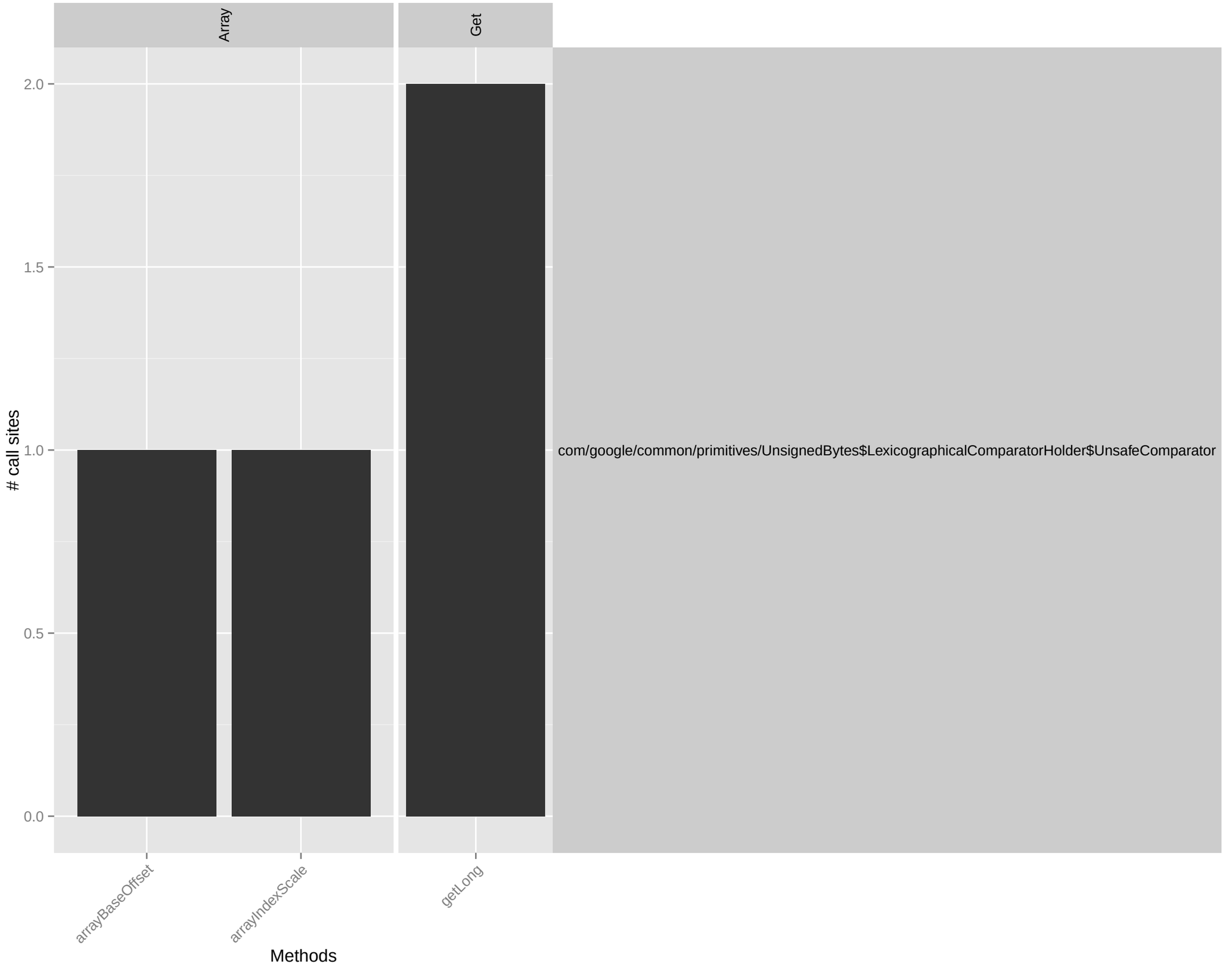

uk.co.real−logic:Agrona (1)
Array
CAS
Fence
Fetch & Add
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
uk/co/real_logic/agrona/concurrent/OneToOneConcurrentArrayQueue
uk/co/real_logic/agrona/concurrent/UnsafeBuffer
uk/co/real_logic/agrona/concurrent/broadcast/BroadcastReceiver
uk/co/real_logic/agrona/concurrent/broadcast/BroadcastTransmitter
call sites
0
1
2
3
4
5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
loadFence
storeFence
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putShortVolatile
Methods

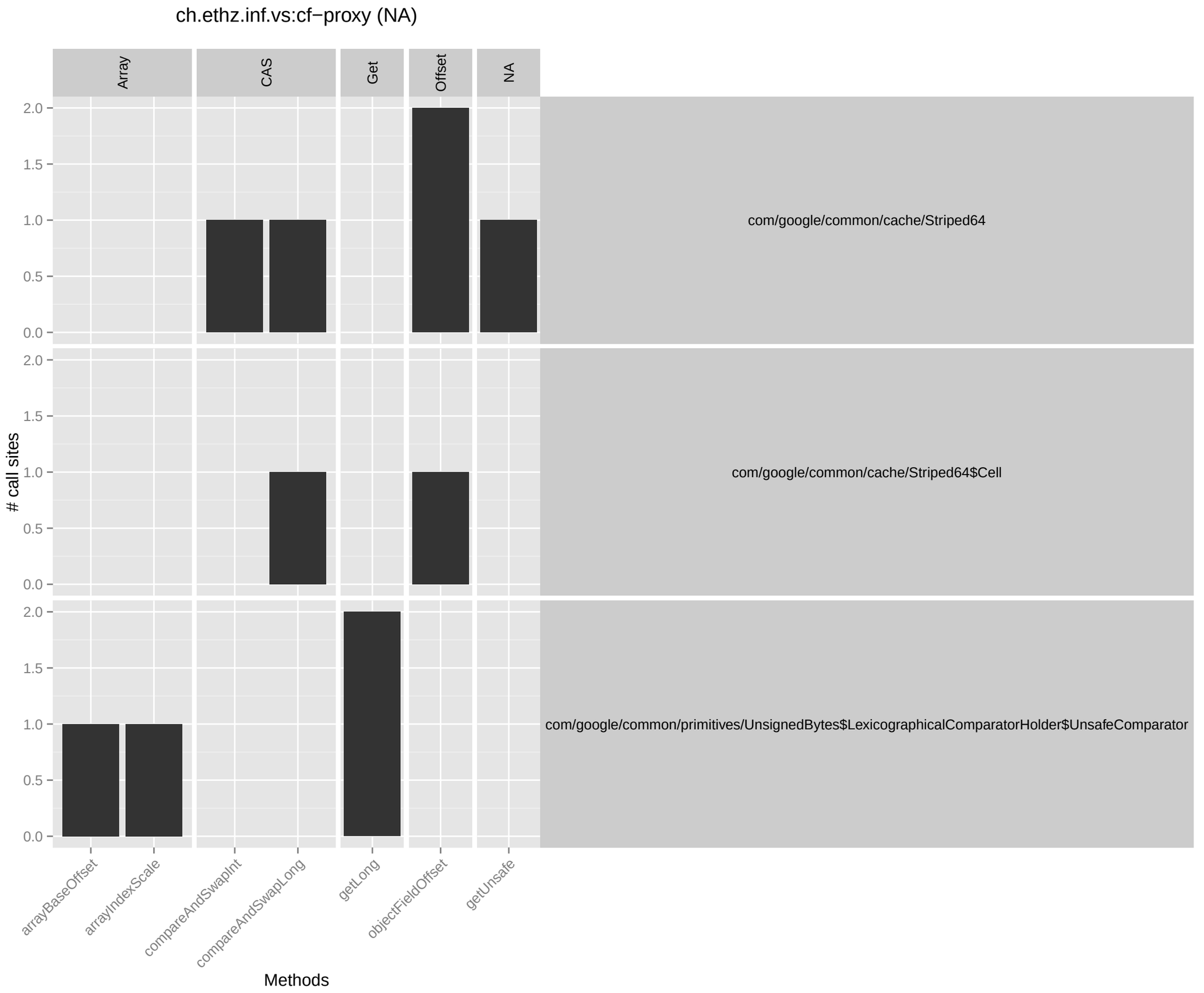

ai.h2o:h2o−classic (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
hex/gbm/DHistogram
hex/gram/Gram$Cholesky$DelayedTask
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/CountedCompleter
jsr166y/ForkJoinPool
jsr166y/ForkJoinPool$WorkQueue
jsr166y/ForkJoinTask
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
water/TimeLine
water/UDP
water/nbhm/ConcurrentAutoTable$CAT
water/nbhm/NonBlockingHashMap
water/nbhm/NonBlockingHashMapLong
water/nbhm/NonBlockingHashMapLong$CHM
water/nbhm/NonBlockingIdentityHashMap
water/nbhm/NonBlockingSetInt
water/nbhm/NonBlockingSetInt$NBSI
water/nbhm/UtilUnsafe
water/util/UnsafeUtils
water/util/Utils$AtomicDoubleArray
water/util/Utils$AtomicFloatArray
water/util/Utils$AtomicIntArray
water/util/Utils$AtomicLongArray
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
objectFieldOffset
park
unpark
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

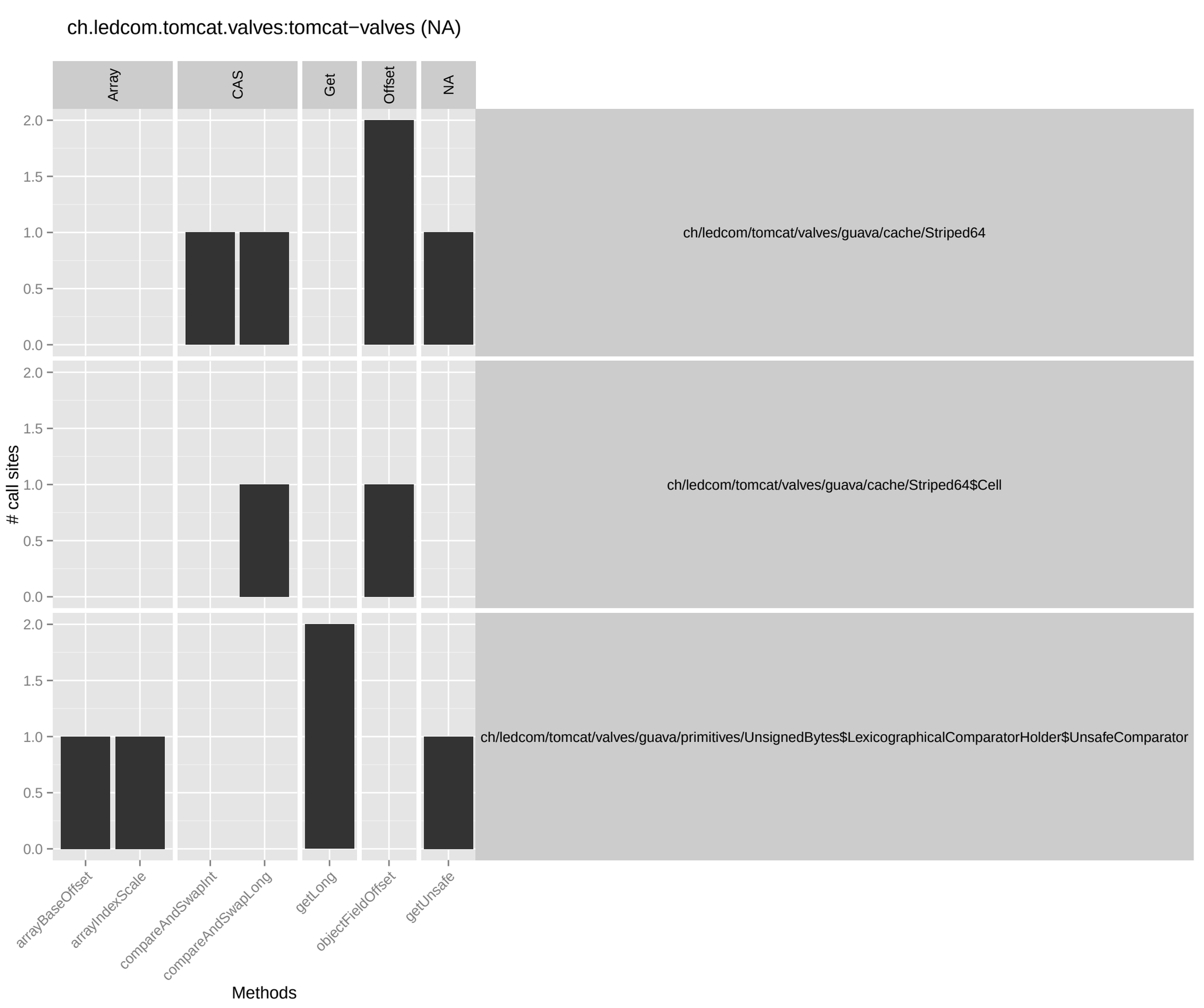

be.unamur.info:yami−tool (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

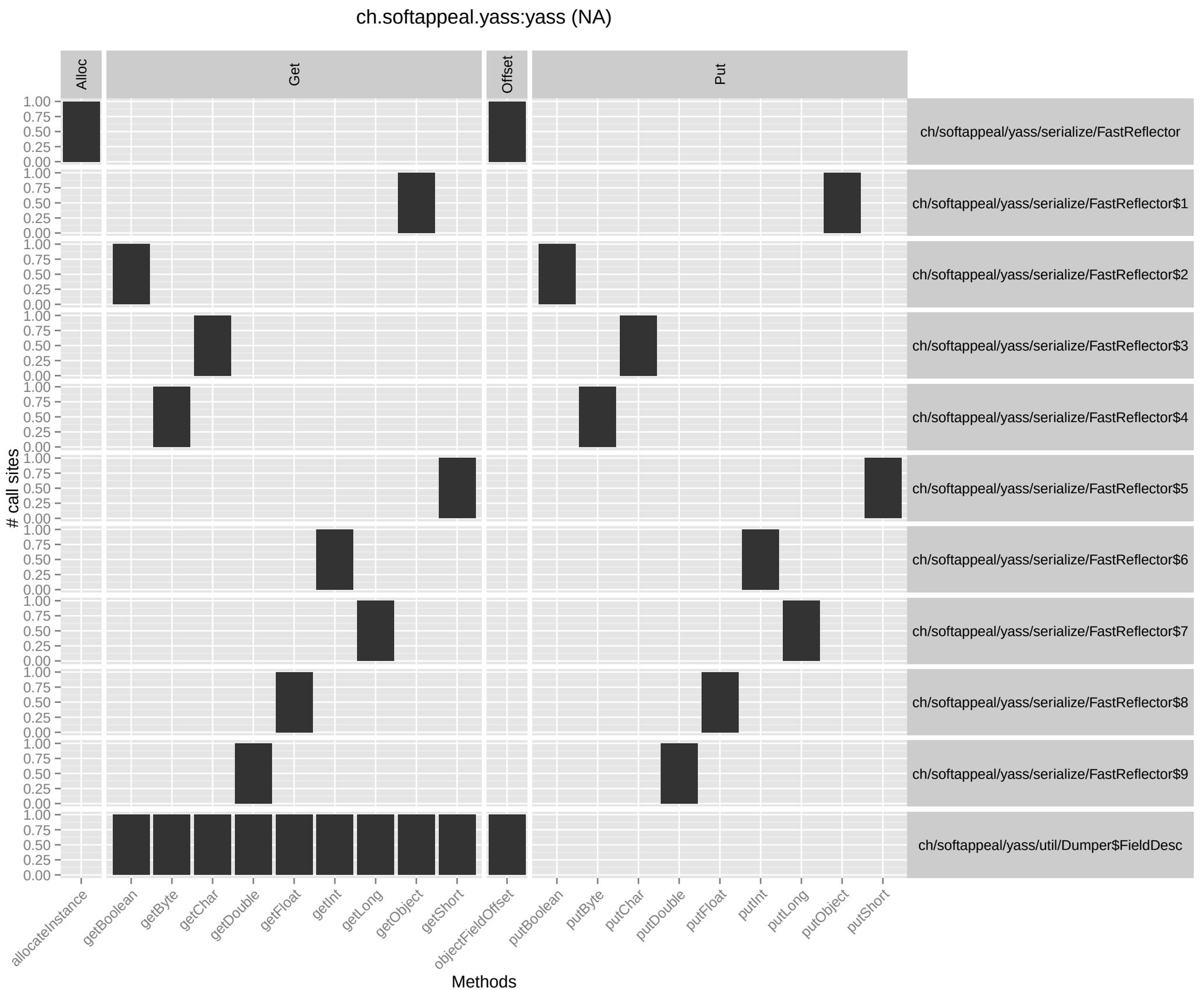

biz.paluch.redis:lettuce−shaded (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/lambdaworks/io/netty/util/internal/PlatformDependent0
com/lambdaworks/io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
com/lambdaworks/io/netty/util/internal/UnsafeAtomicLongFieldUpdater
com/lambdaworks/io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
com/lambdaworks/io/netty/util/internal/chmv8/ConcurrentHashMapV8
com/lambdaworks/io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
com/lambdaworks/io/netty/util/internal/chmv8/CountedCompleter
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinPool
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinTask
com/lambdaworks/io/netty/util/internal/chmv8/Striped64
com/lambdaworks/io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

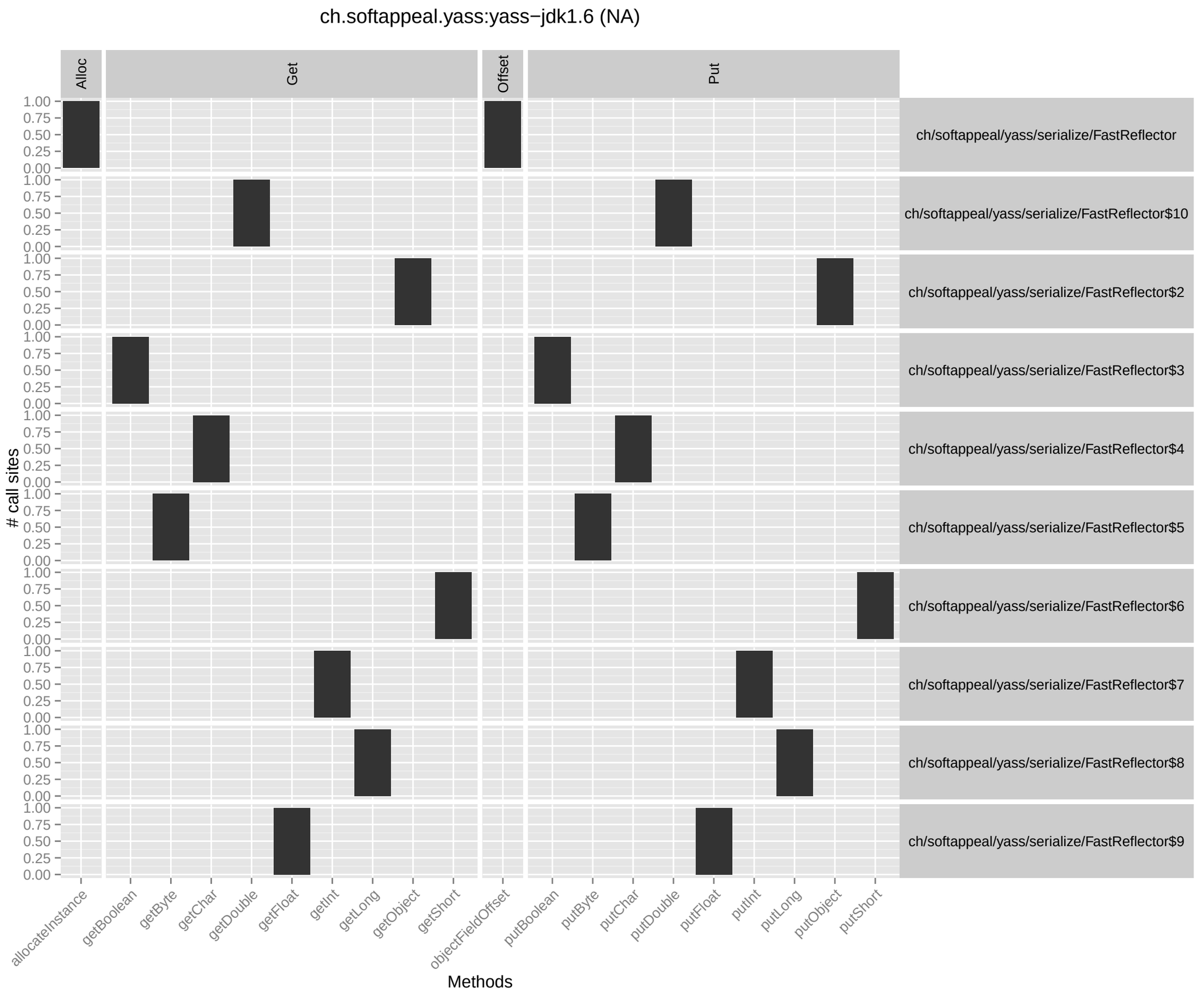

cc.concurrent:mango (NA)
CAS
Offset
NA
cc/concurrent/mango/util/concurrent/atomic/Striped64
cc/concurrent/mango/util/concurrent/atomic/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

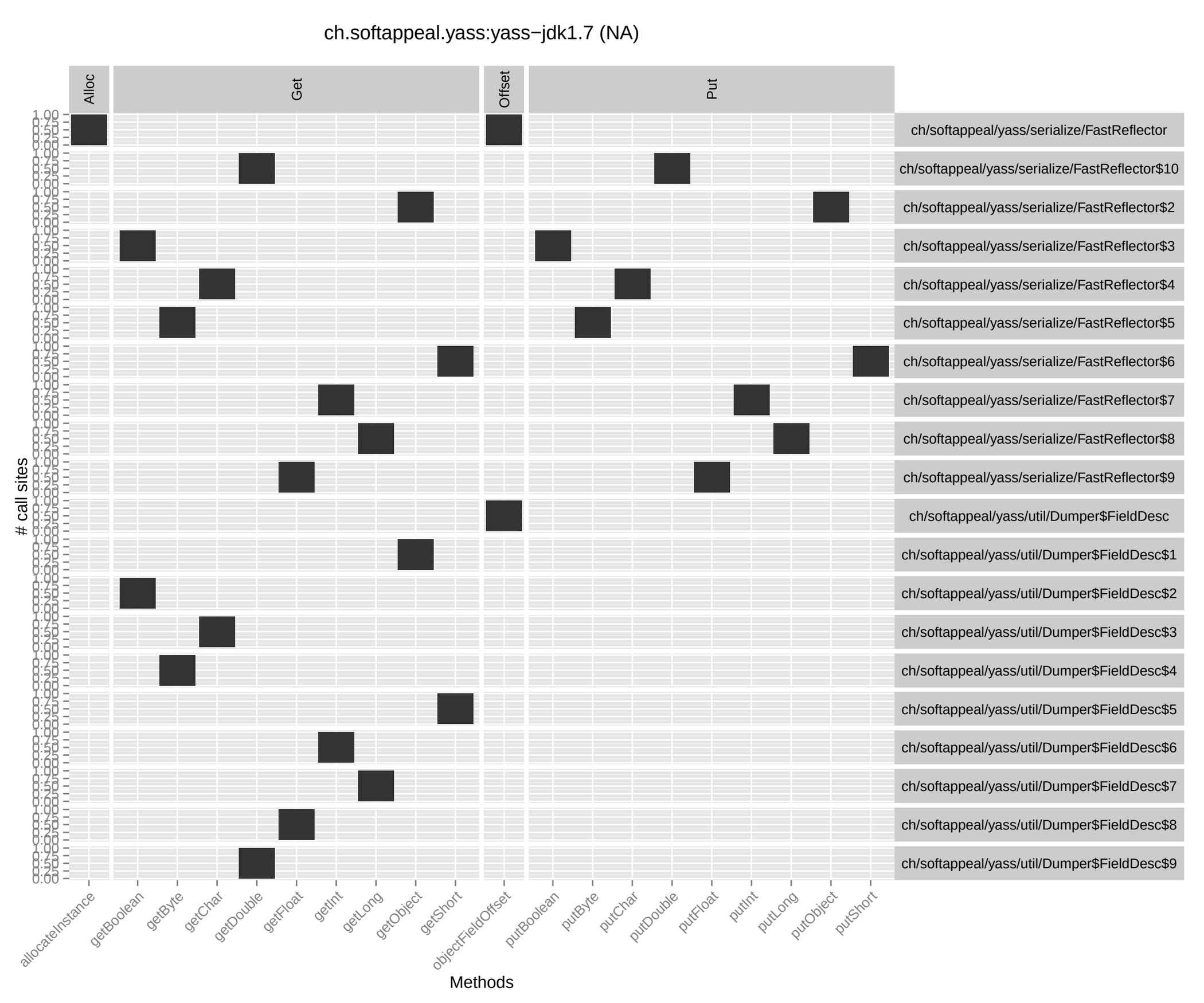

ch.ethz.inf.vs:cf−plugtest−checker (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

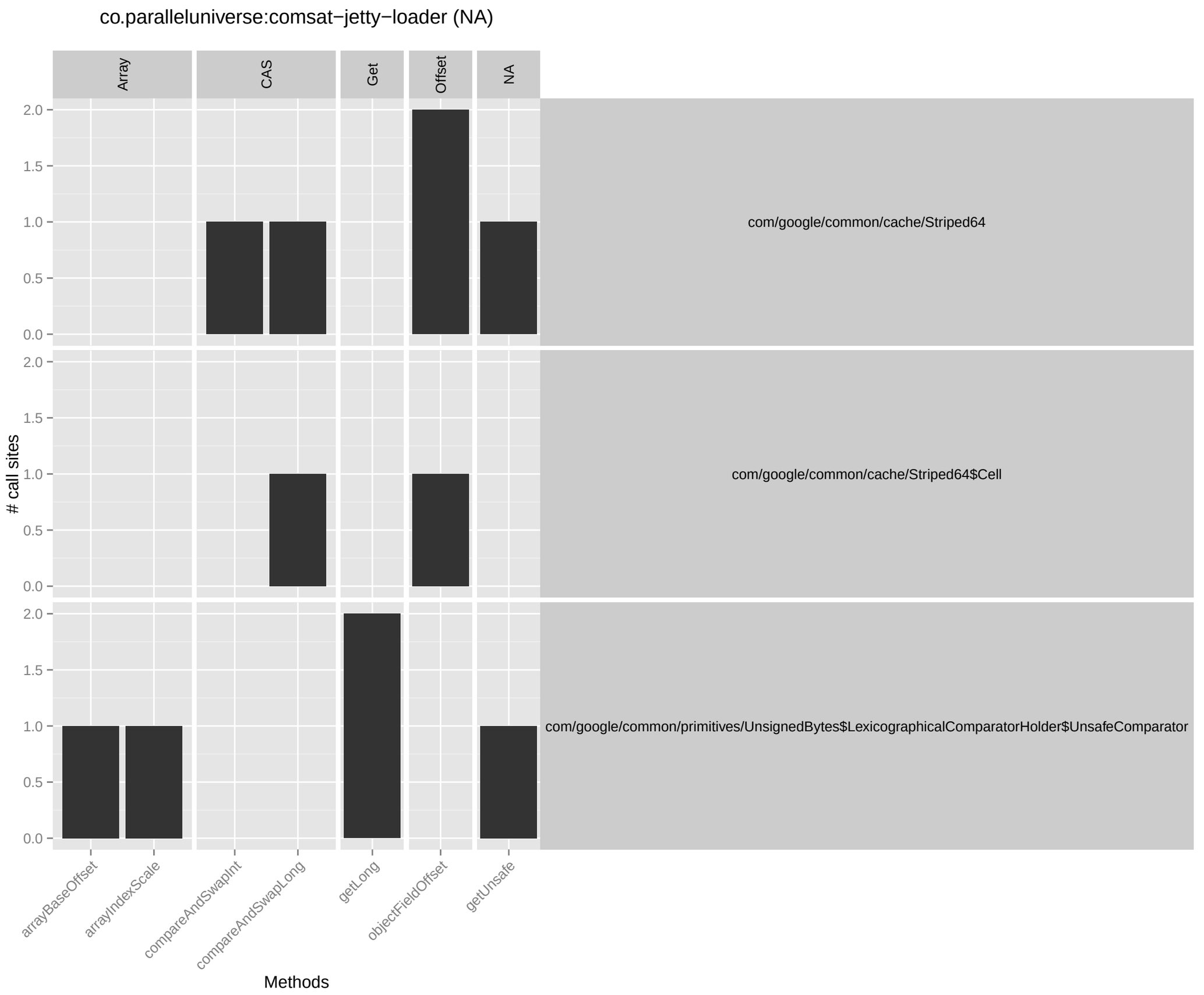

ch.ethz.inf.vs:cf−proxy (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

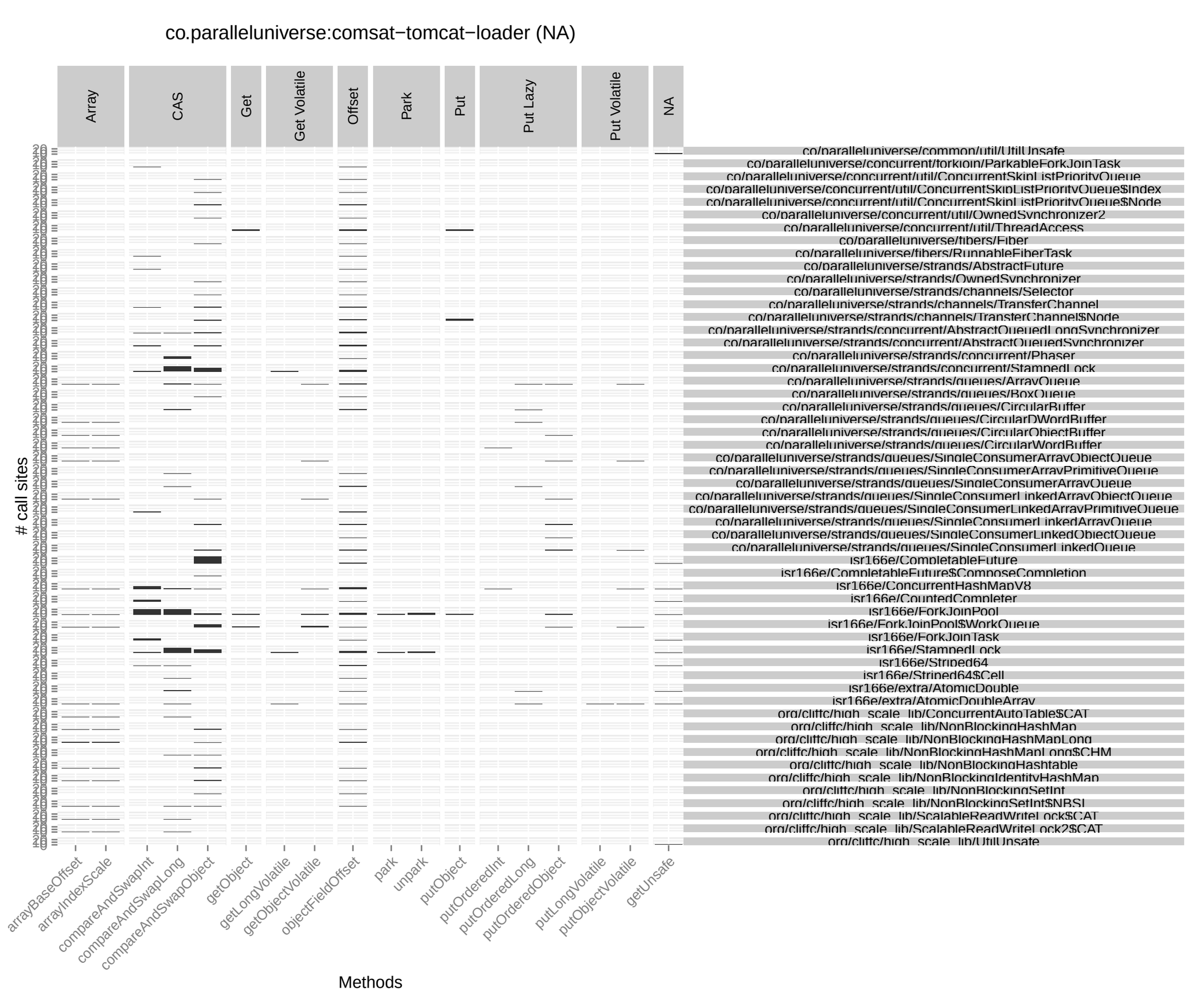

ch.ledcom.tomcat.valves:tomcat−valves (NA)
Array
CAS
Get
Offset
NA
ch/ledcom/tomcat/valves/guava/cache/Striped64
ch/ledcom/tomcat/valves/guava/cache/Striped64$Cell
ch/ledcom/tomcat/valves/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

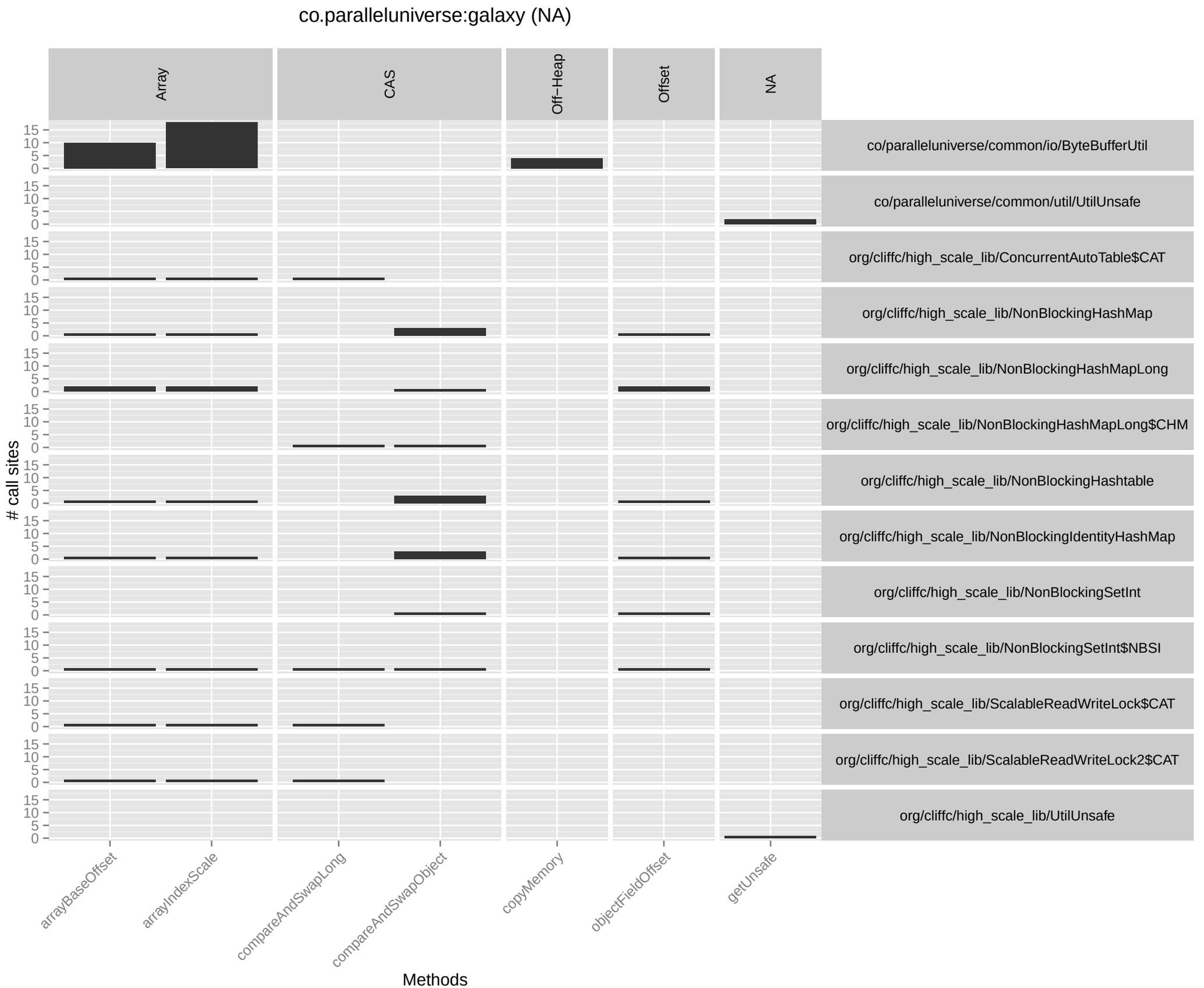

ch.softappeal.yass:yass (NA)
Alloc
Get
Offset
Put
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$1
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
ch/softappeal/yass/util/Dumper$FieldDesc
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

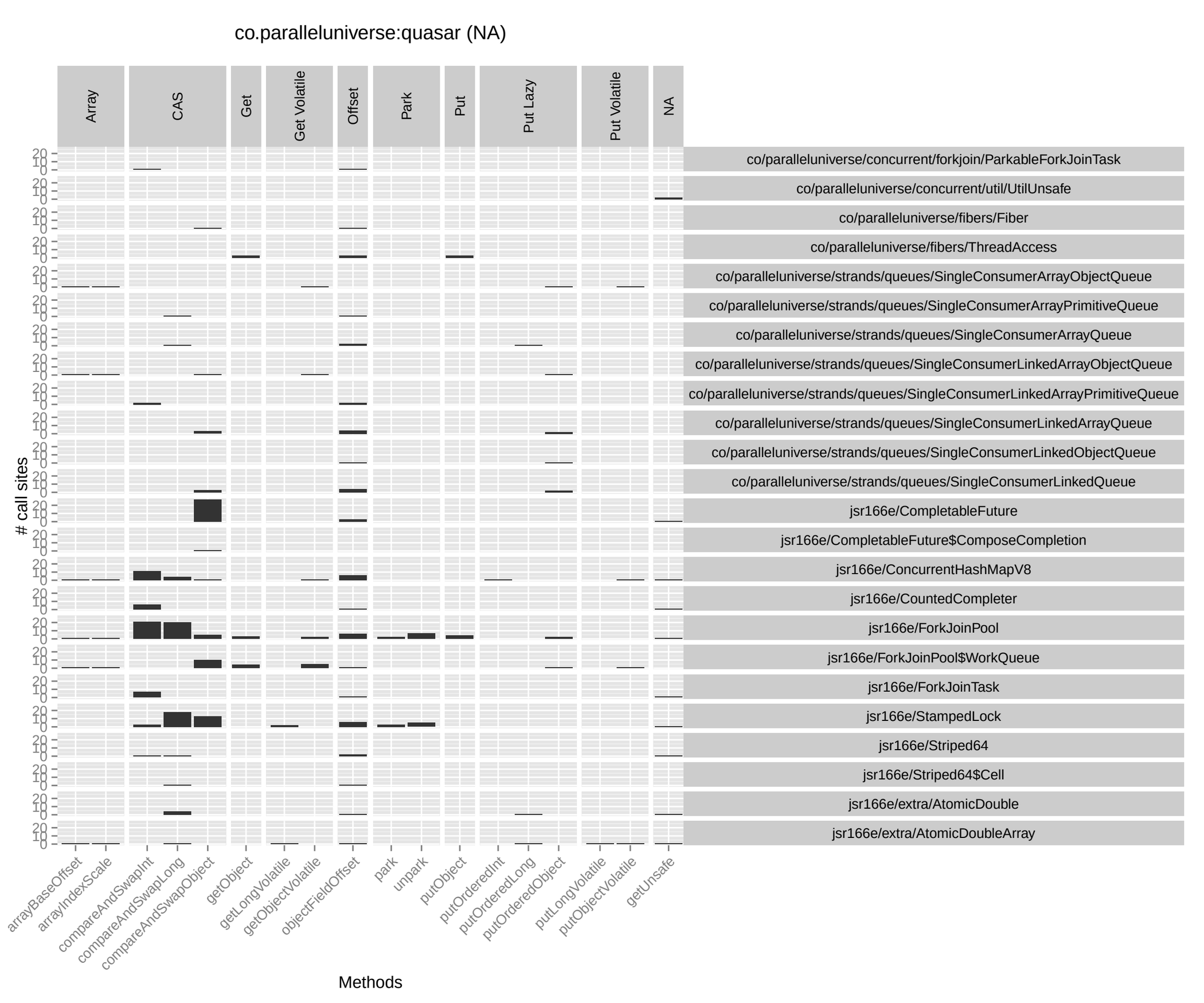

ch.softappeal.yass:yass−jdk1.6 (NA)
Alloc
Get
Offset
Put
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$10
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
call sites
0.00
0.25
0.50
0.75
1.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

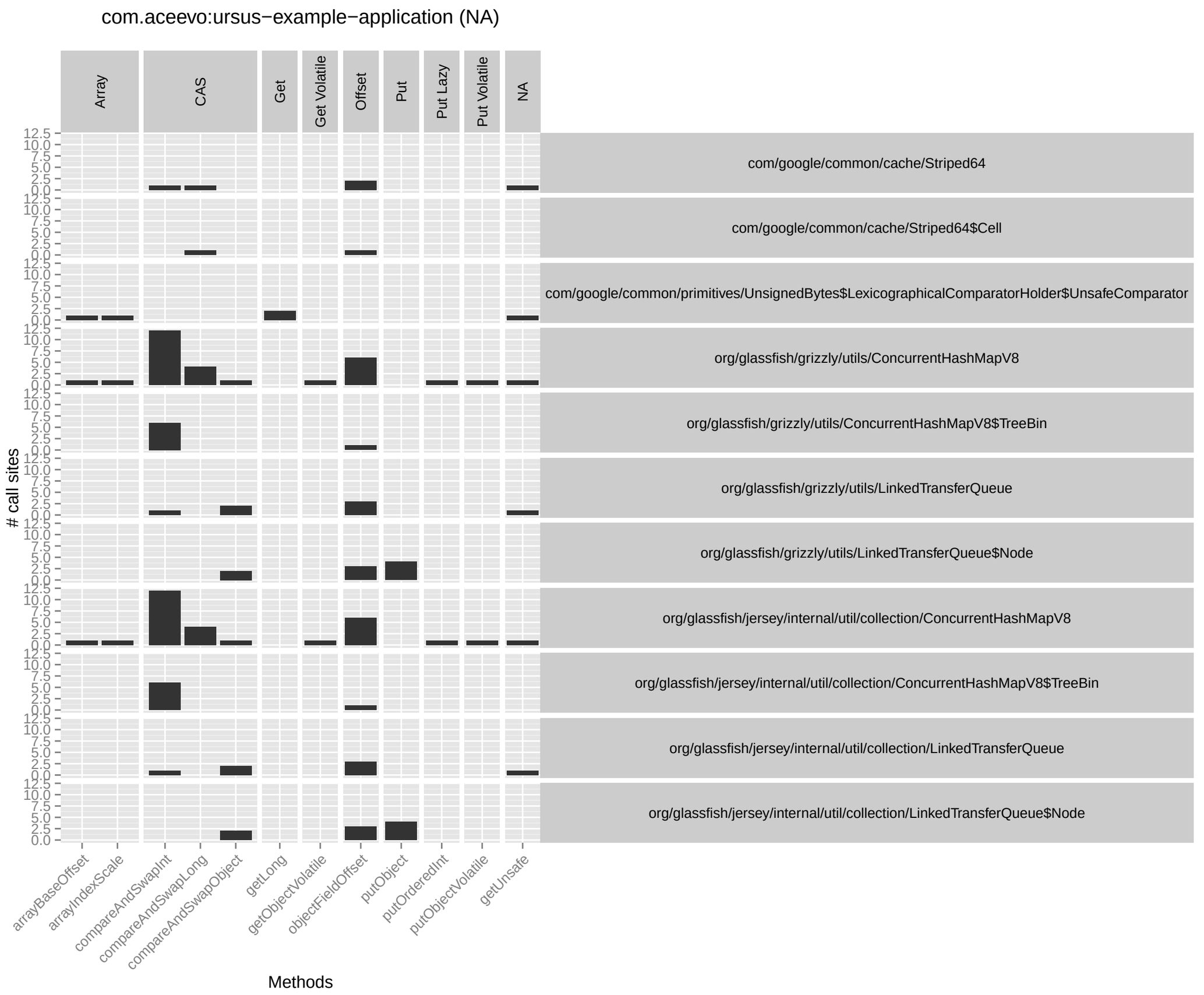

ch.softappeal.yass:yass−jdk1.7 (NA)
Alloc
Get
Offset
Put
call sites
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$10
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
ch/softappeal/yass/util/Dumper$FieldDesc
ch/softappeal/yass/util/Dumper$FieldDesc$1
ch/softappeal/yass/util/Dumper$FieldDesc$2
ch/softappeal/yass/util/Dumper$FieldDesc$3
ch/softappeal/yass/util/Dumper$FieldDesc$4
ch/softappeal/yass/util/Dumper$FieldDesc$5
ch/softappeal/yass/util/Dumper$FieldDesc$6
ch/softappeal/yass/util/Dumper$FieldDesc$7
ch/softappeal/yass/util/Dumper$FieldDesc$8
ch/softappeal/yass/util/Dumper$FieldDesc$9
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

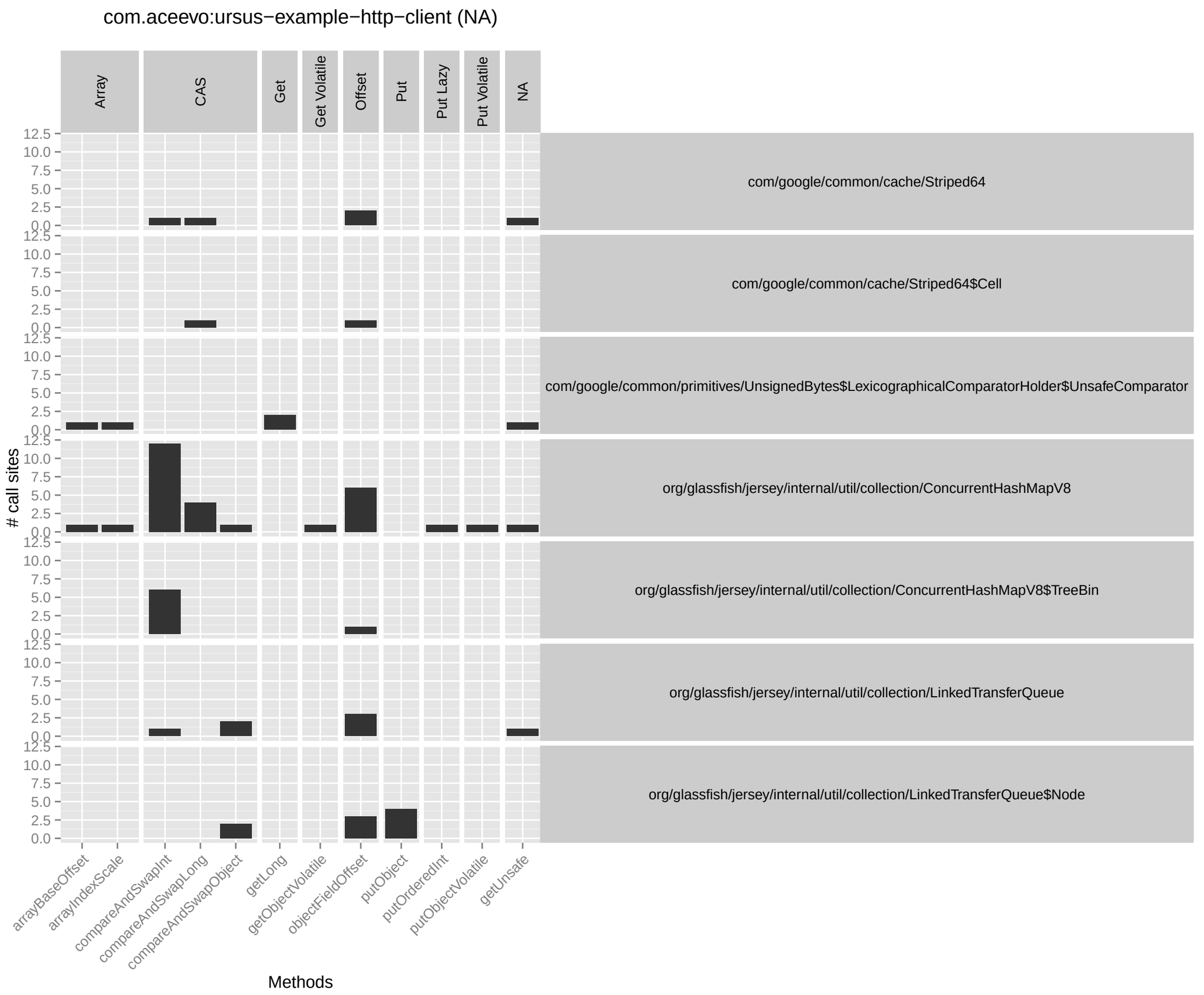

co.paralleluniverse:comsat−jetty−loader (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

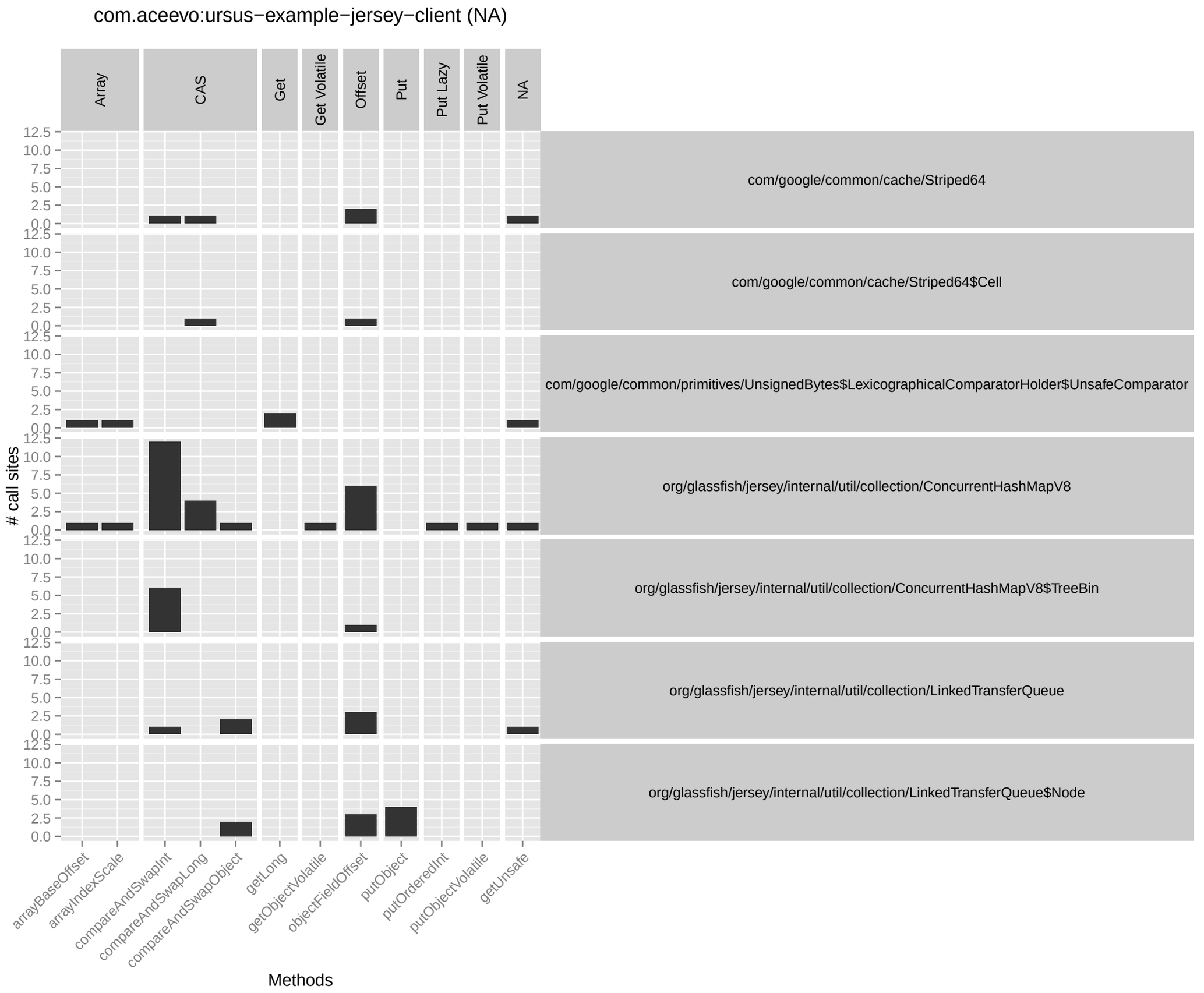

co.paralleluniverse:comsat−tomcat−loader (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
call sites
co/paralleluniverse/common/util/UtilUnsafe
co/paralleluniverse/concurrent/forkjoin/ParkableForkJoinTask
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue$Index
co/paralleluniverse/concurrent/util/ConcurrentSkipListPriorityQueue$Node
co/paralleluniverse/concurrent/util/OwnedSynchronizer2
co/paralleluniverse/concurrent/util/ThreadAccess
co/paralleluniverse/fibers/Fiber
co/paralleluniverse/fibers/RunnableFiberTask
co/paralleluniverse/strands/AbstractFuture
co/paralleluniverse/strands/OwnedSynchronizer
co/paralleluniverse/strands/channels/Selector
co/paralleluniverse/strands/channels/TransferChannel
co/paralleluniverse/strands/channels/TransferChannel$Node
co/paralleluniverse/strands/concurrent/AbstractQueuedLongSynchronizer
co/paralleluniverse/strands/concurrent/AbstractQueuedSynchronizer
co/paralleluniverse/strands/concurrent/Phaser
co/paralleluniverse/strands/concurrent/StampedLock
co/paralleluniverse/strands/queues/ArrayQueue
co/paralleluniverse/strands/queues/BoxQueue
co/paralleluniverse/strands/queues/CircularBuffer
co/paralleluniverse/strands/queues/CircularDWordBuffer
co/paralleluniverse/strands/queues/CircularObjectBuffer
co/paralleluniverse/strands/queues/CircularWordBuffer
co/paralleluniverse/strands/queues/SingleConsumerArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedQueue
jsr166e/CompletableFuture
jsr166e/CompletableFuture$ComposeCompletion
jsr166e/ConcurrentHashMapV8
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/StampedLock
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
jsr166e/extra/AtomicDoubleArray
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/ScalableReadWriteLock$CAT
org/cliffc/high_scale_lib/ScalableReadWriteLock2$CAT
org/cliffc/high_scale_lib/UtilUnsafe
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

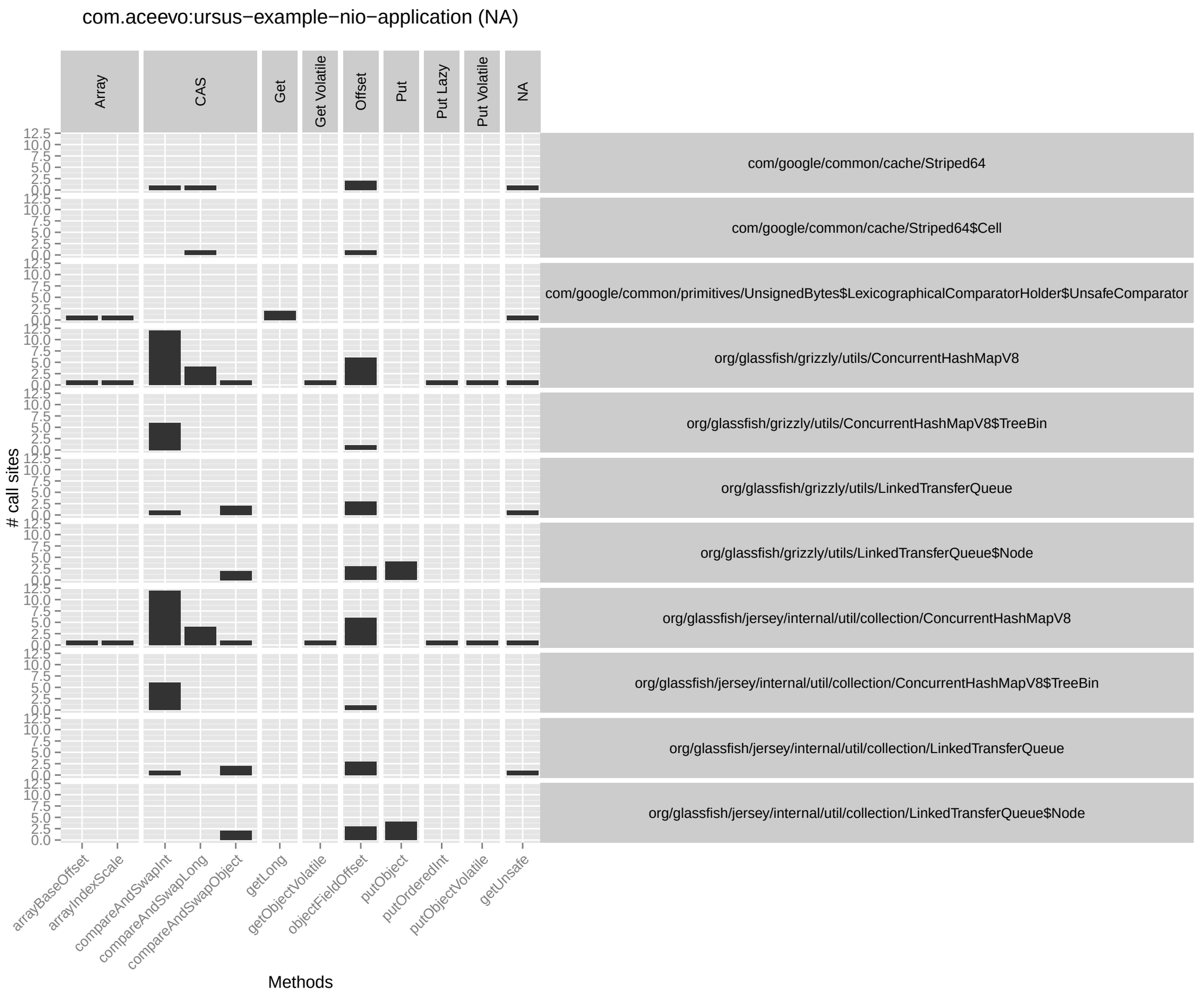

co.paralleluniverse:galaxy (NA)
Array
CAS
Off−Heap
Offset
NA
co/paralleluniverse/common/io/ByteBufferUtil
co/paralleluniverse/common/util/UtilUnsafe
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/ScalableReadWriteLock$CAT
org/cliffc/high_scale_lib/ScalableReadWriteLock2$CAT
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
copyMemory
objectFieldOffset
getUnsafe
Methods

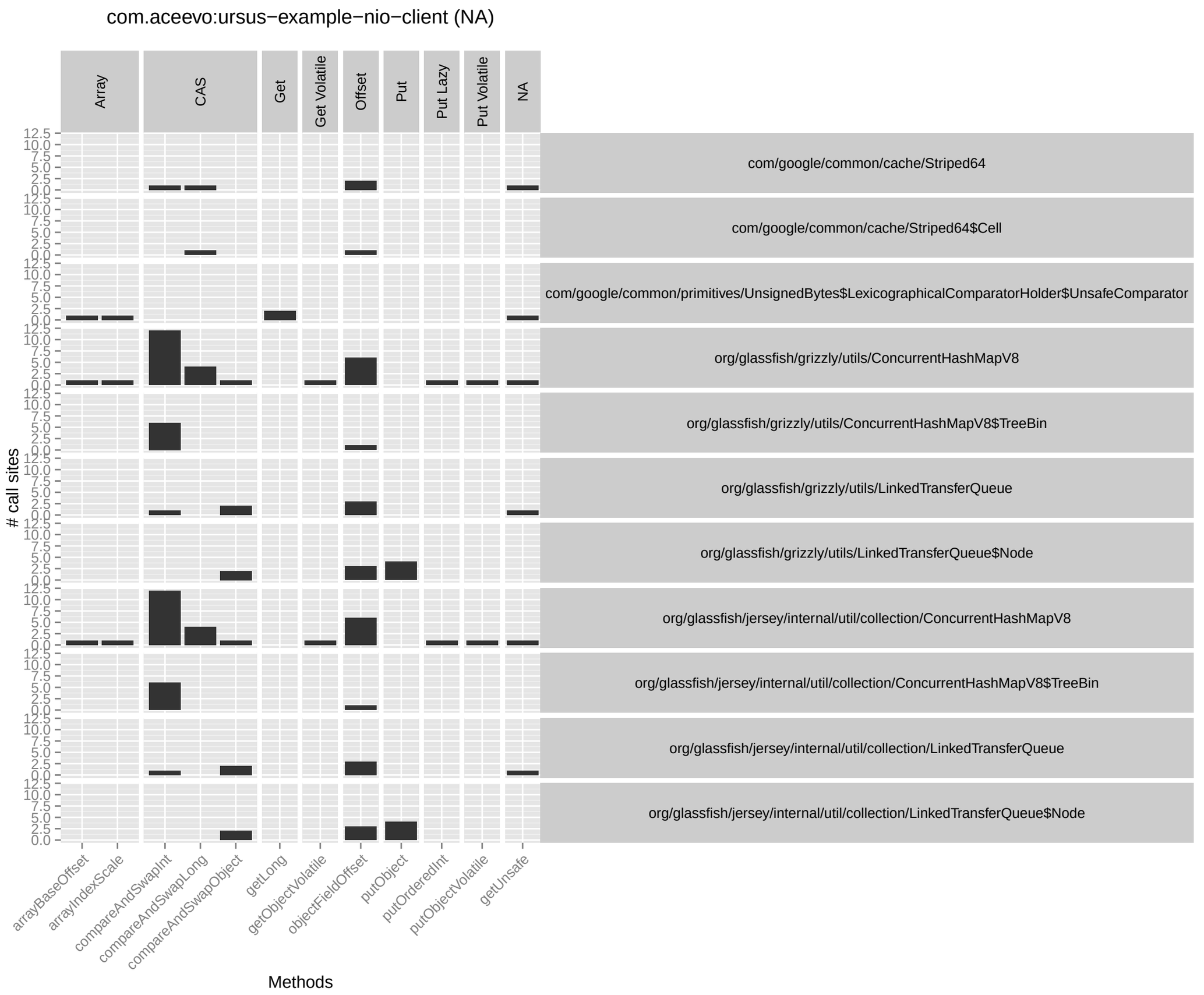

co.paralleluniverse:quasar (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
co/paralleluniverse/concurrent/forkjoin/ParkableForkJoinTask
co/paralleluniverse/concurrent/util/UtilUnsafe
co/paralleluniverse/fibers/Fiber
co/paralleluniverse/fibers/ThreadAccess
co/paralleluniverse/strands/queues/SingleConsumerArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedQueue
jsr166e/CompletableFuture
jsr166e/CompletableFuture$ComposeCompletion
jsr166e/ConcurrentHashMapV8
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/StampedLock
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
jsr166e/extra/AtomicDoubleArray
call sites
0
10
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

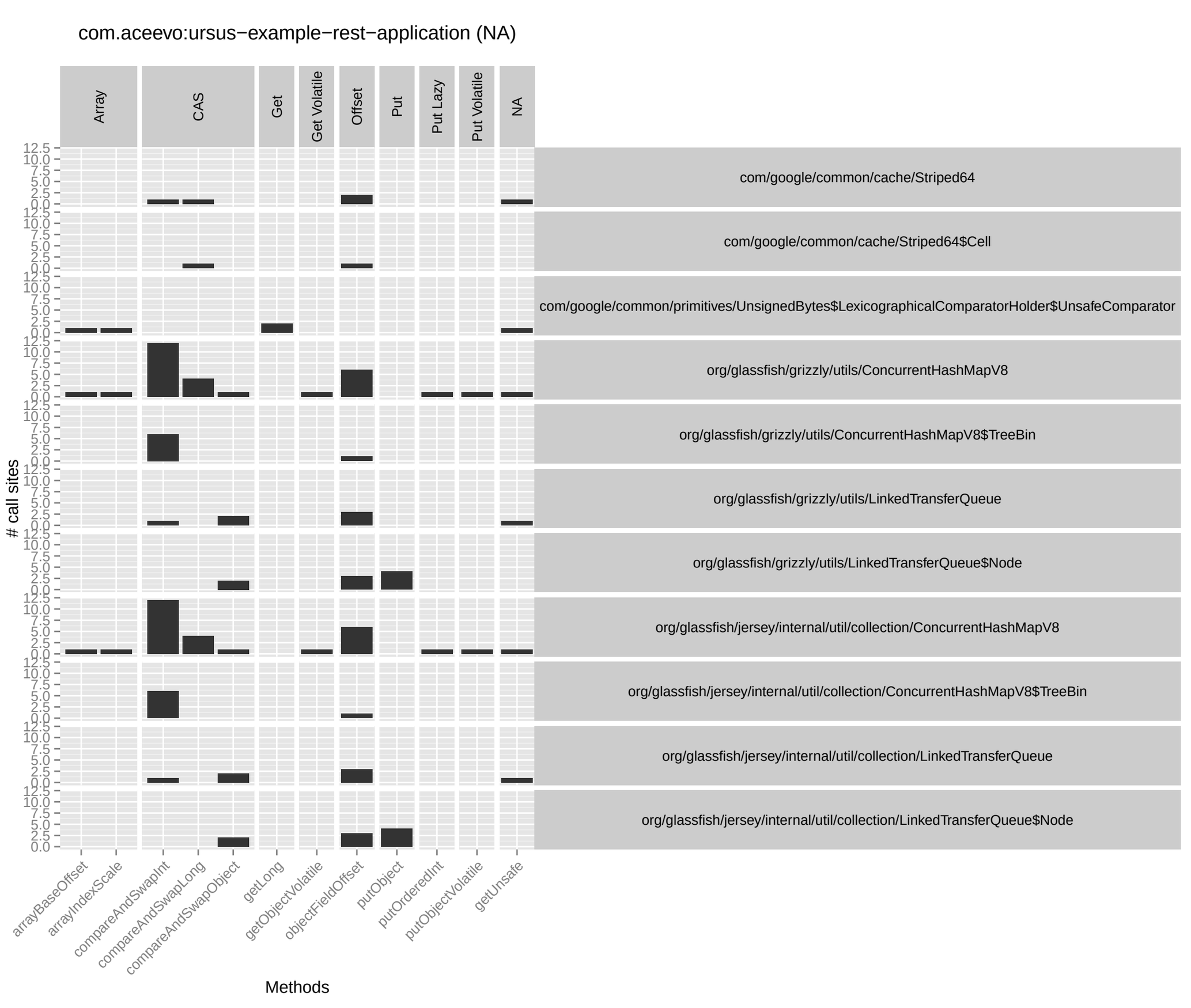

com.aceevo:ursus−example−application (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

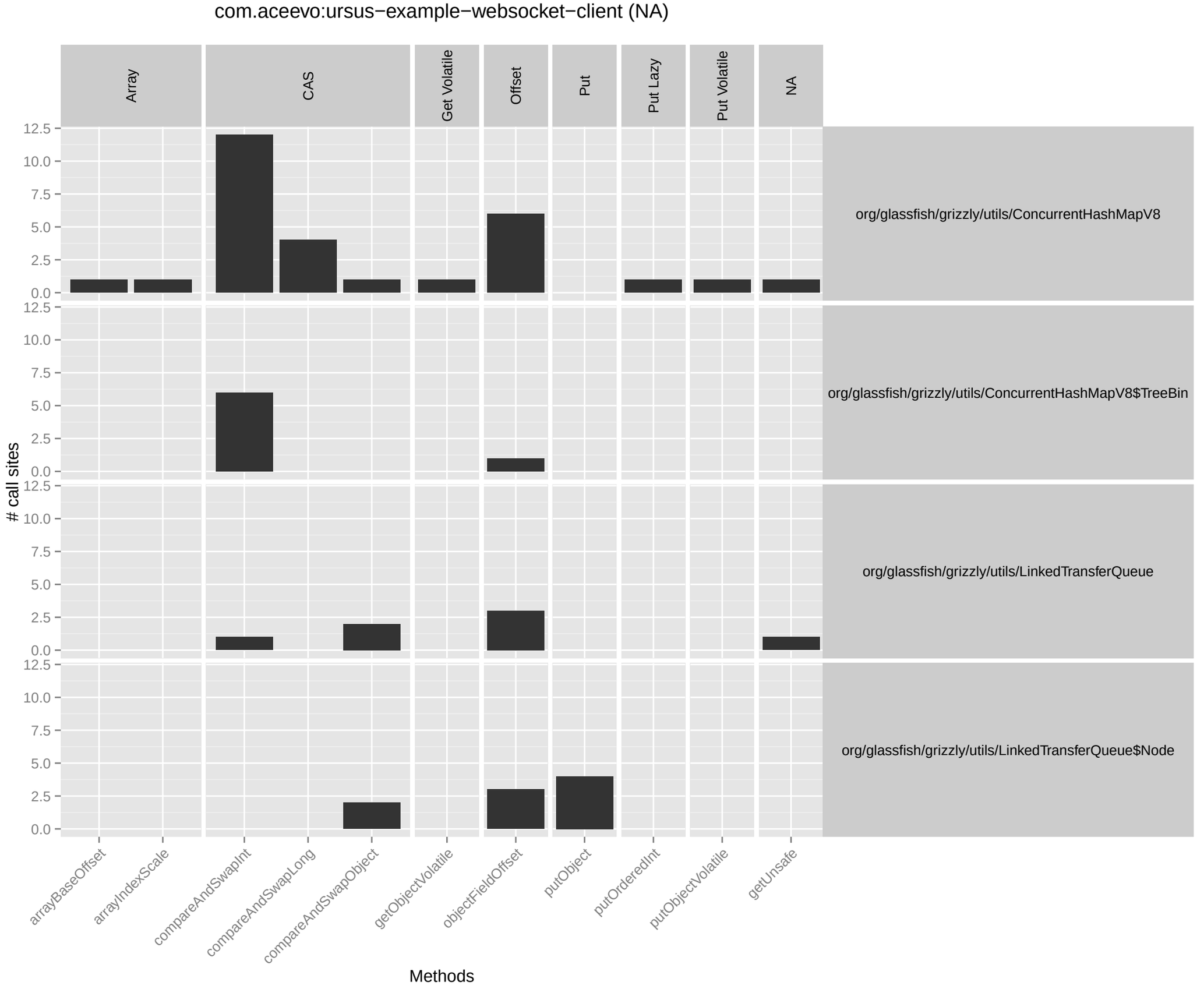

com.aceevo:ursus−example−http−client (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

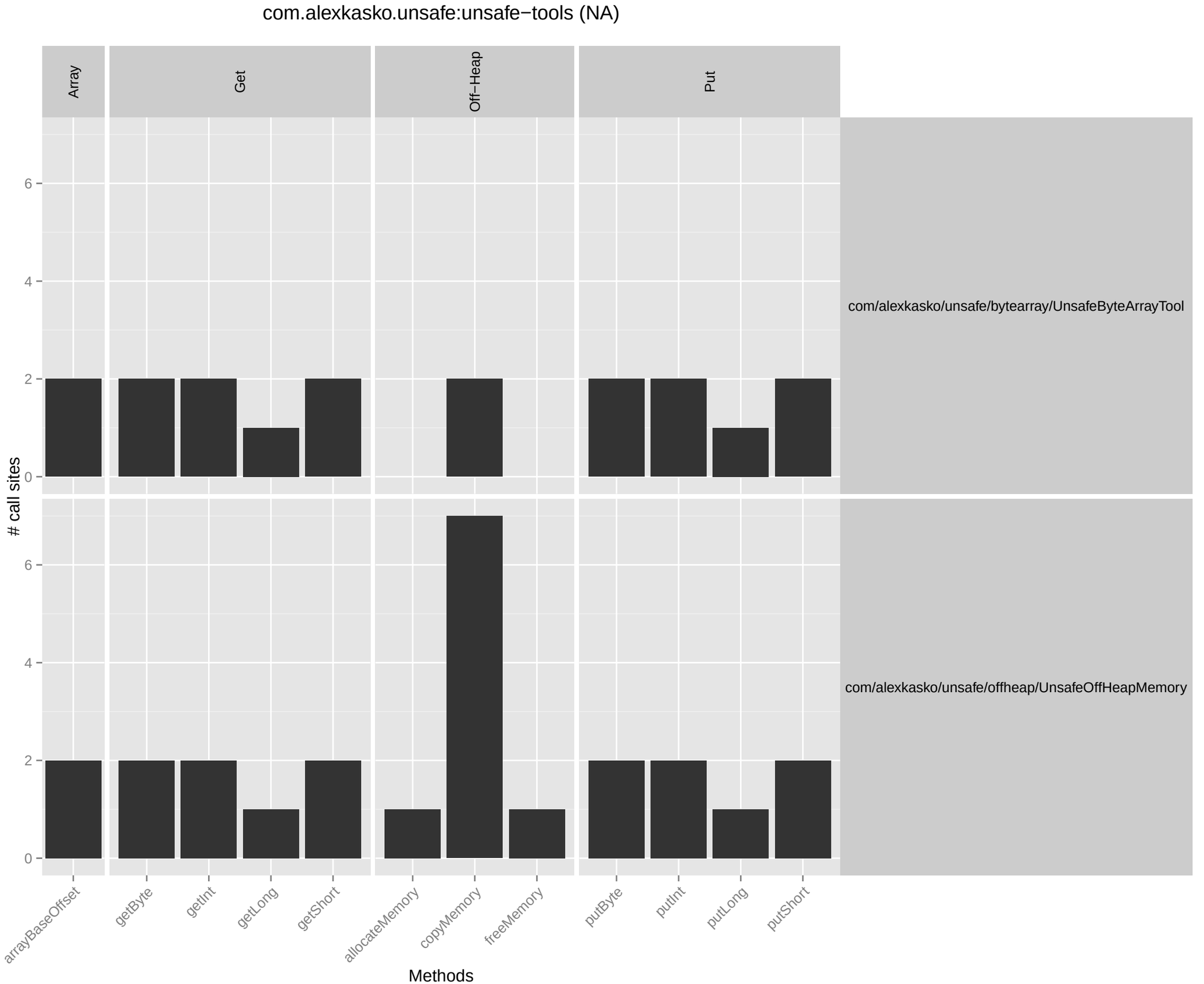

com.aceevo:ursus−example−jersey−client (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

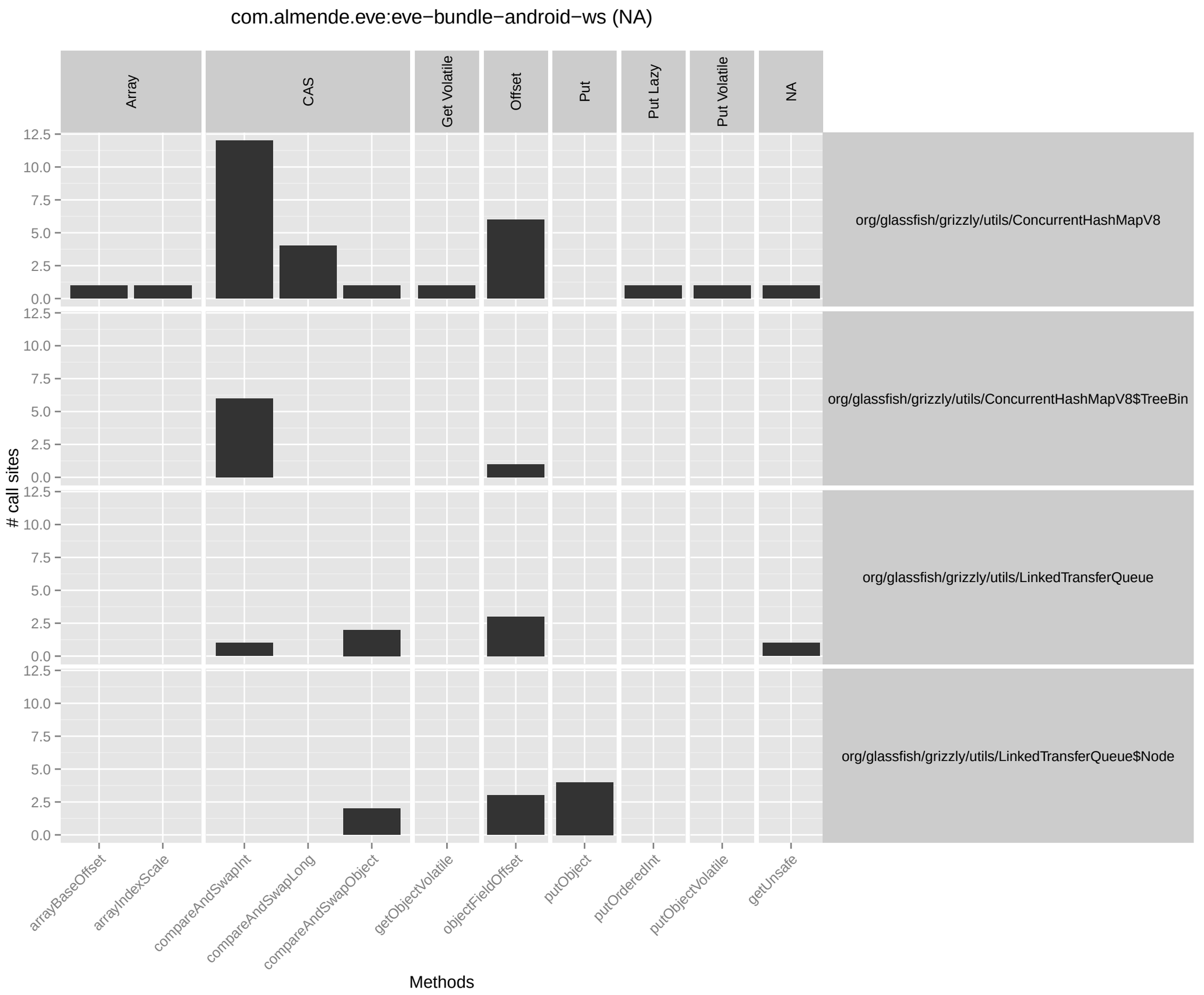

com.aceevo:ursus−example−nio−application (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

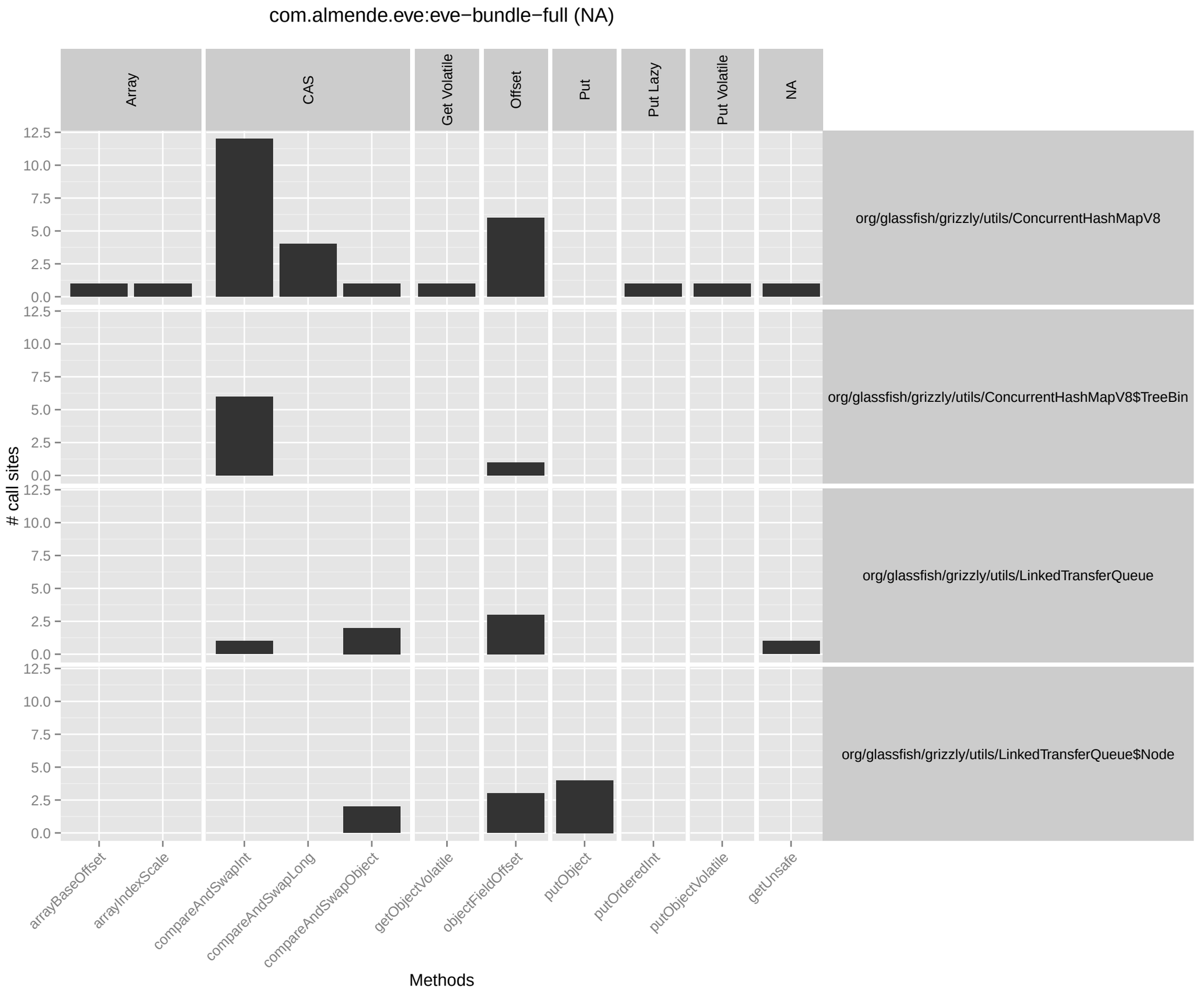

com.aceevo:ursus−example−nio−client (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

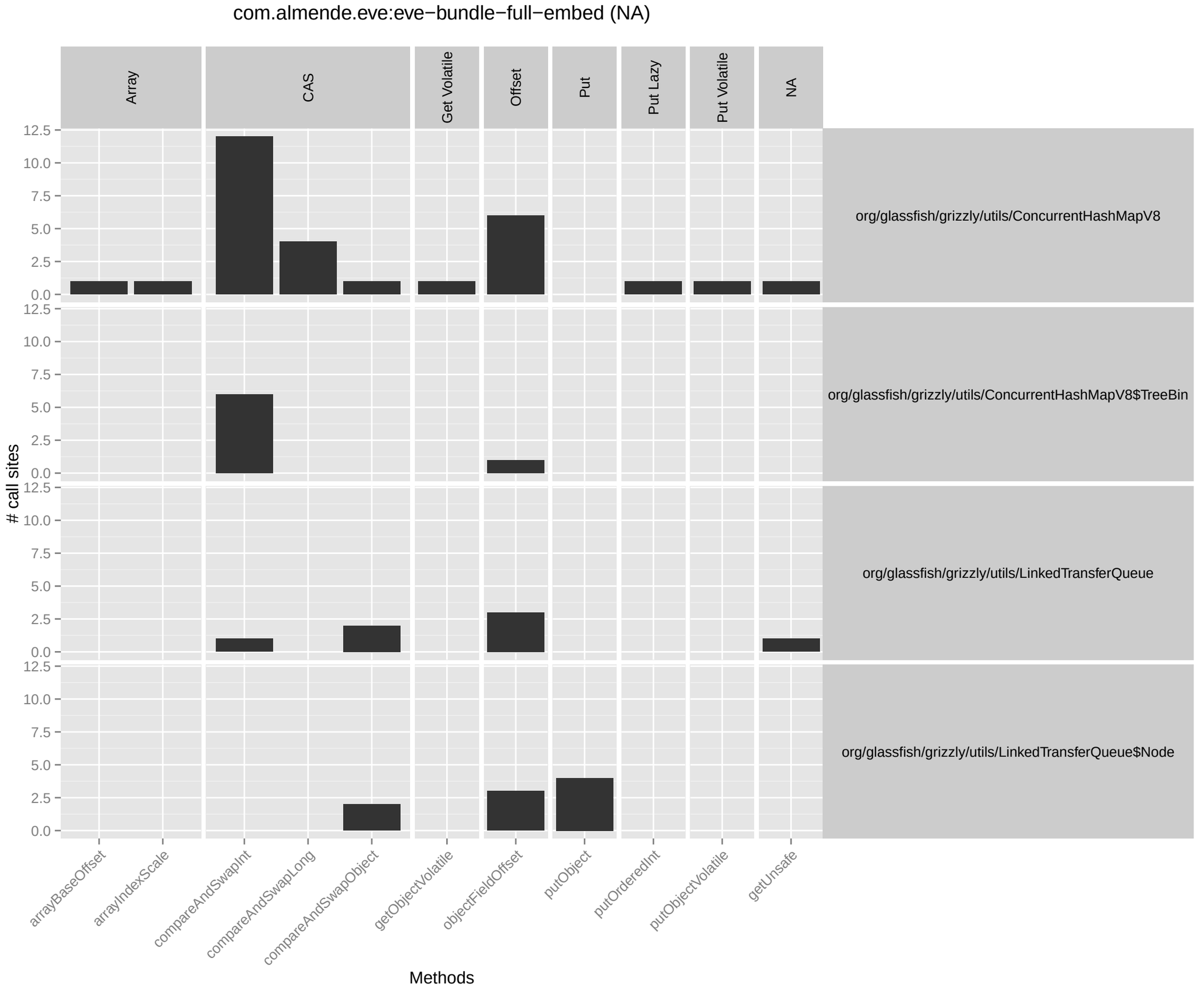

com.aceevo:ursus−example−rest−application (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

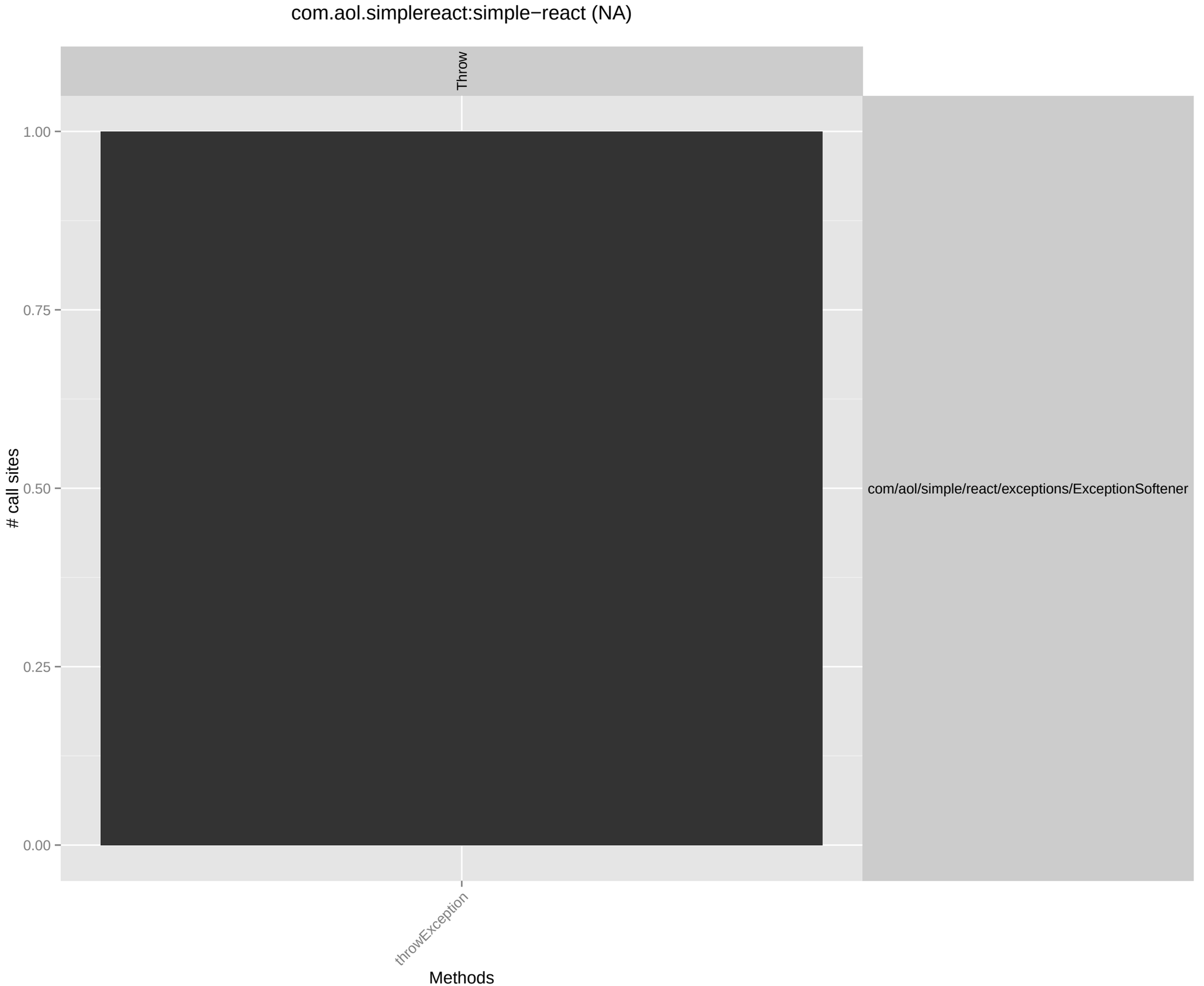

com.aceevo:ursus−example−websocket−client (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

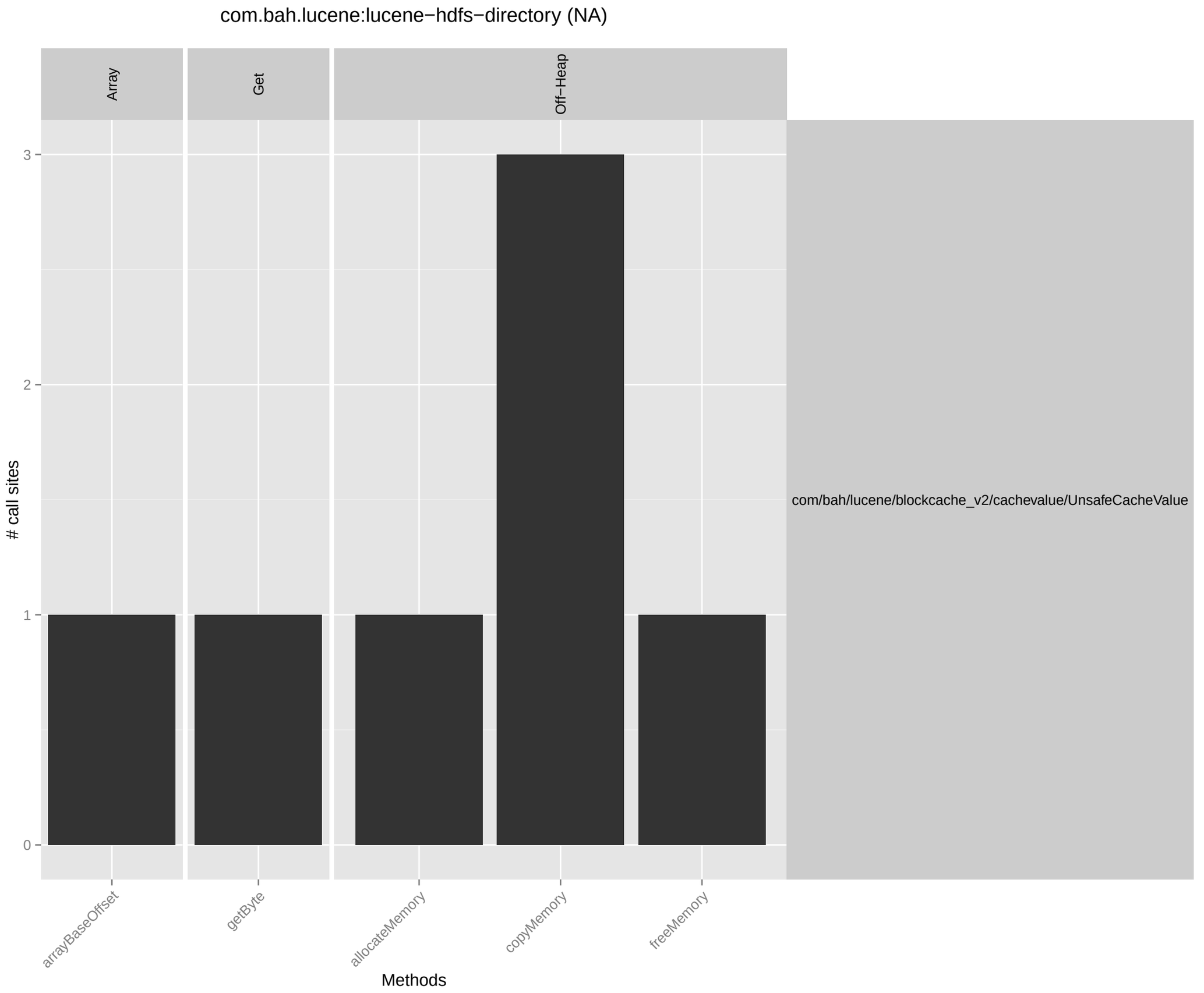

com.alexkasko.unsafe:unsafe−tools (NA)
Array
Get
Off−Heap
Put
com/alexkasko/unsafe/bytearray/UnsafeByteArrayTool
com/alexkasko/unsafe/offheap/UnsafeOffHeapMemory
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
putShort
Methods

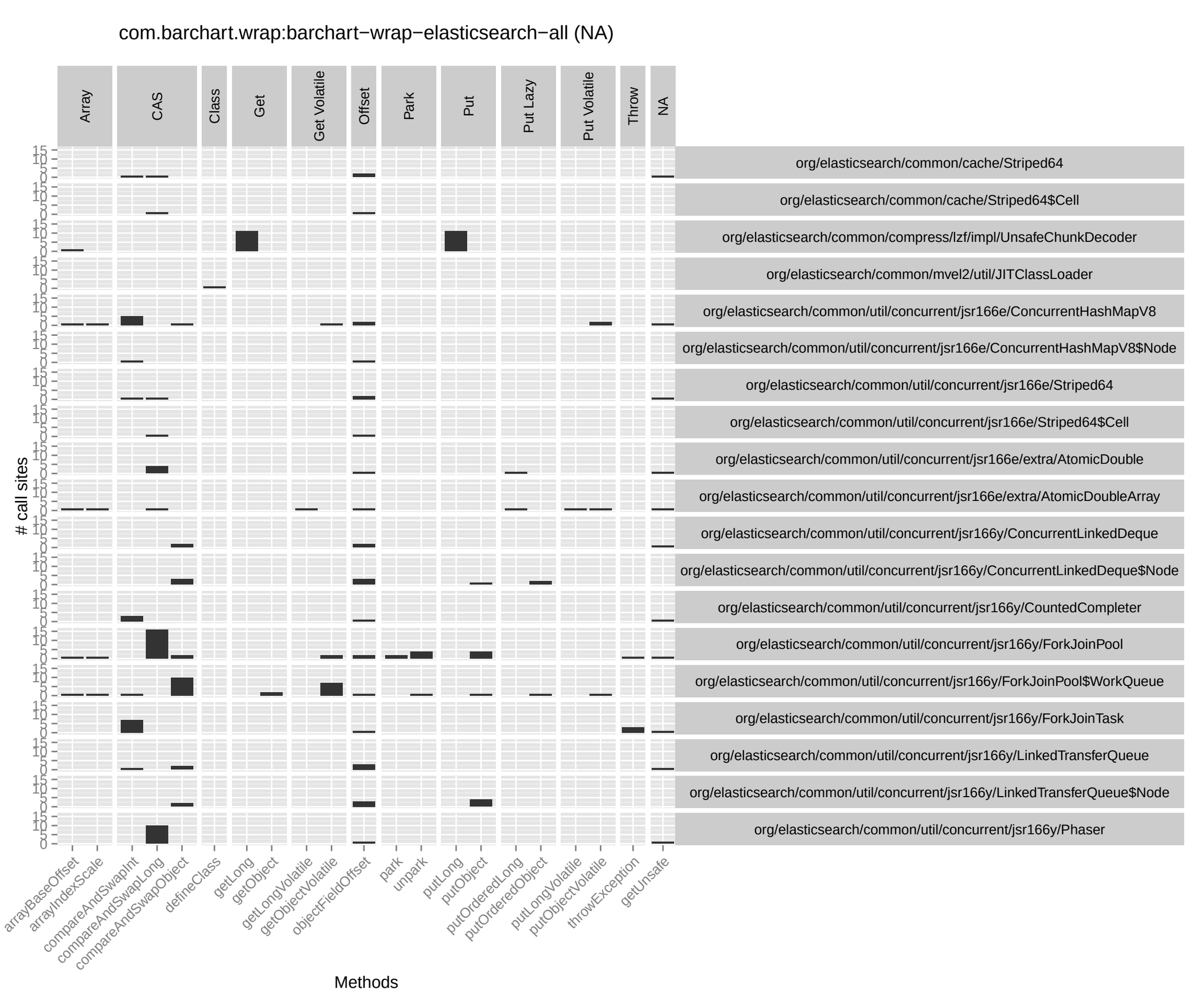

com.almende.eve:eve−bundle−android−ws (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

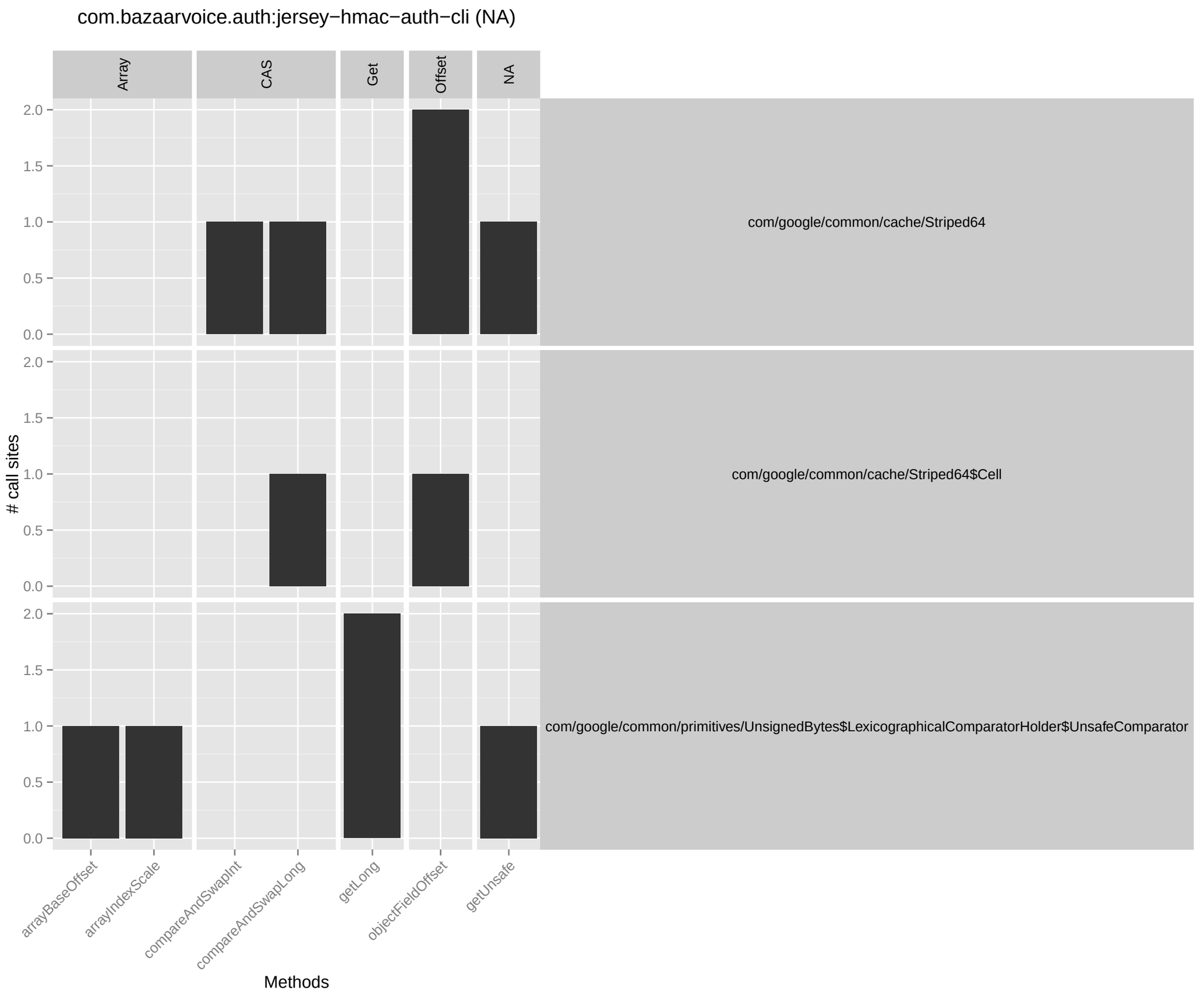

com.almende.eve:eve−bundle−full (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

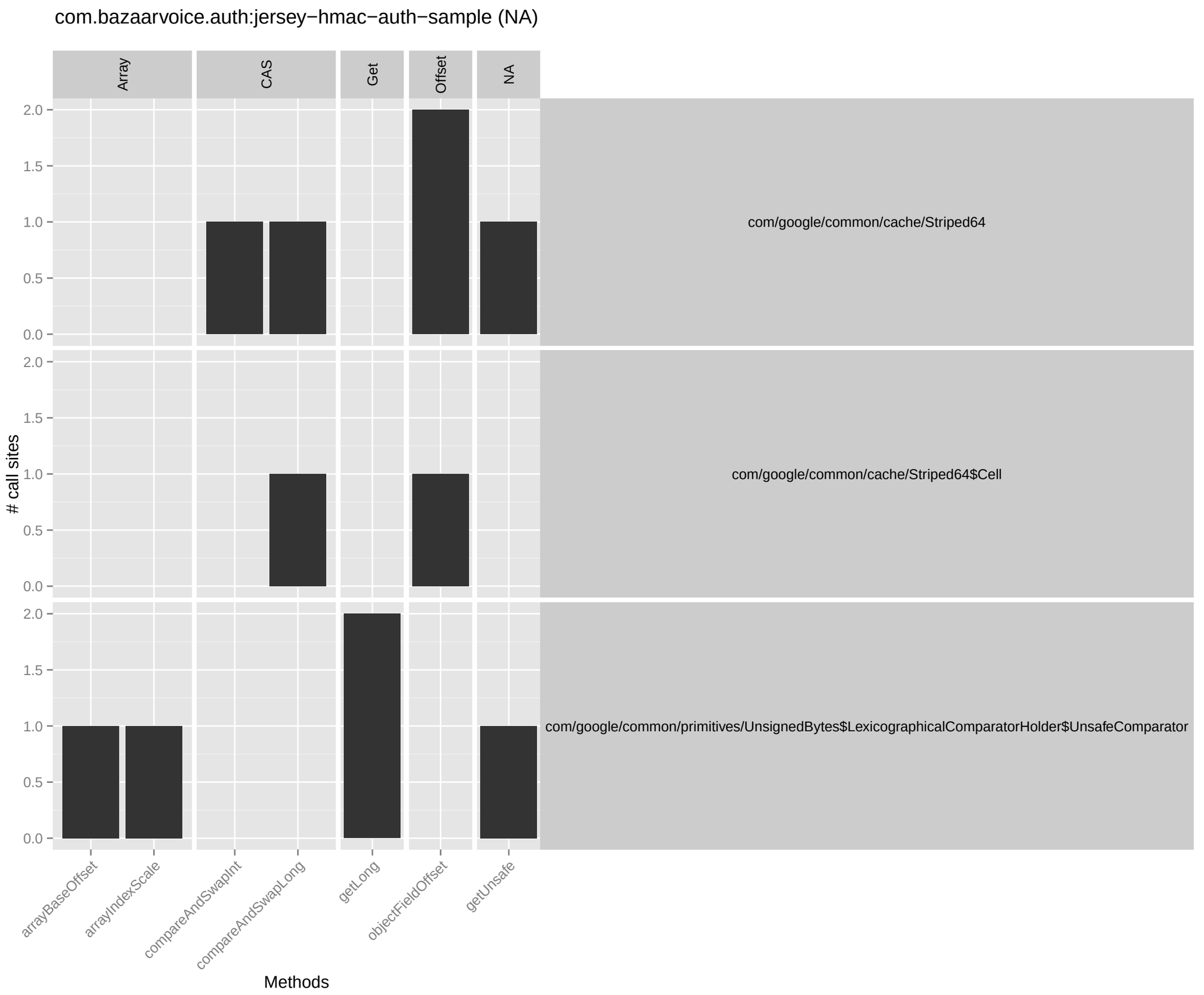

com.almende.eve:eve−bundle−full−embed (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods


com.aol.simplereact:simple−react (NA)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
com/aol/simple/react/exceptions/ExceptionSoftener
throwException
Methods

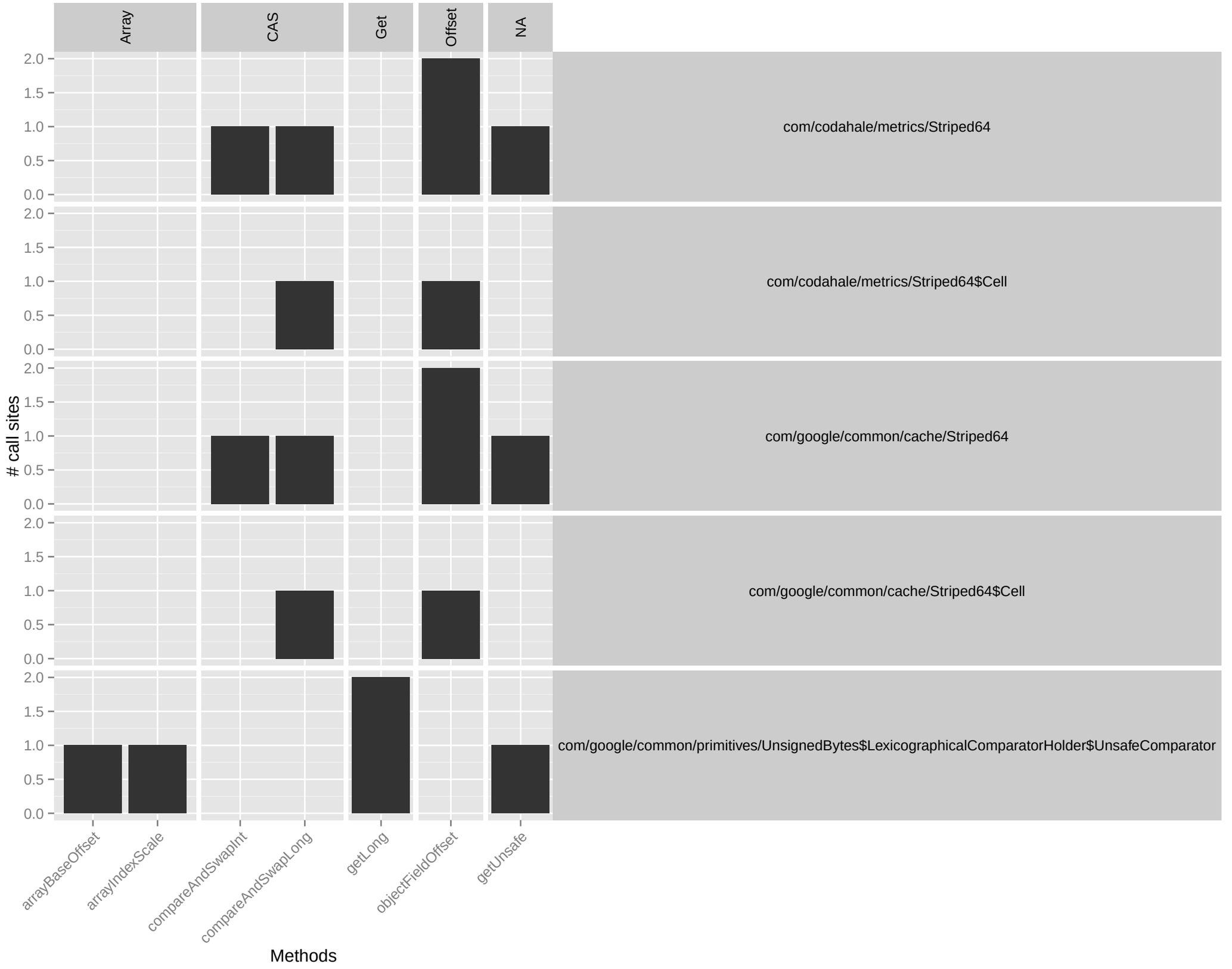

com.bah.lucene:lucene−hdfs−directory (NA)
Array
Get
Off−Heap
com/bah/lucene/blockcache_v2/cachevalue/UnsafeCacheValue
call sites
0
1
2
3
arrayBaseOffset
getByte
allocateMemory
copyMemory
freeMemory
Methods


com.barchart.wrap:barchart−wrap−elasticsearch−all (NA)
Array
CAS
Class
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
org/elasticsearch/common/cache/Striped64
org/elasticsearch/common/cache/Striped64$Cell
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/mvel2/util/JITClassLoader
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$Node
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDouble
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDoubleArray
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque$Node
org/elasticsearch/common/util/concurrent/jsr166y/CountedCompleter
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinPool$WorkQueue
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue$Node
org/elasticsearch/common/util/concurrent/jsr166y/Phaser
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
defineClass
getLong
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putLong
putObject
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

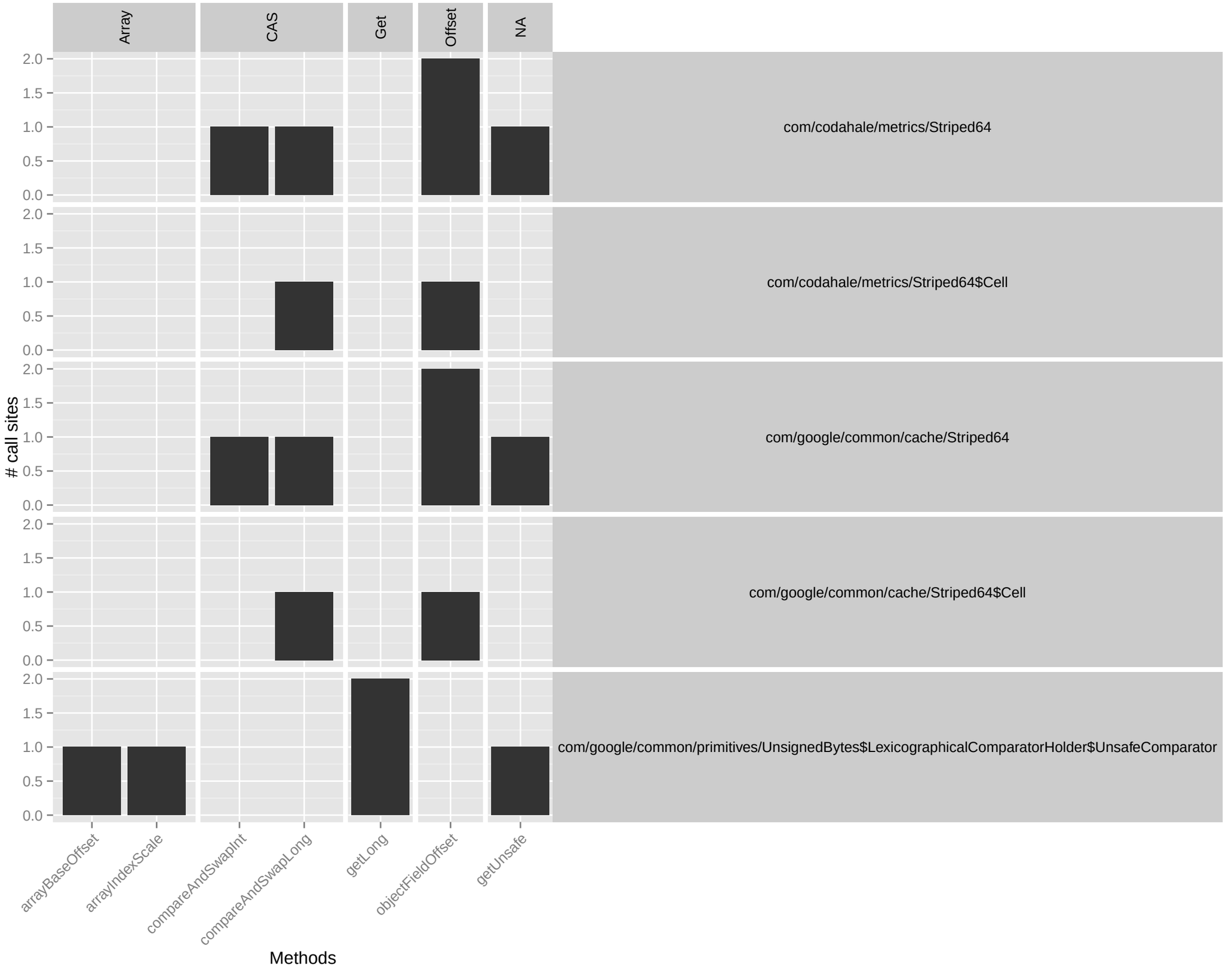

com.bazaarvoice.auth:jersey−hmac−auth−cli (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods


com.bazaarvoice.auth:jersey−hmac−auth−sample (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

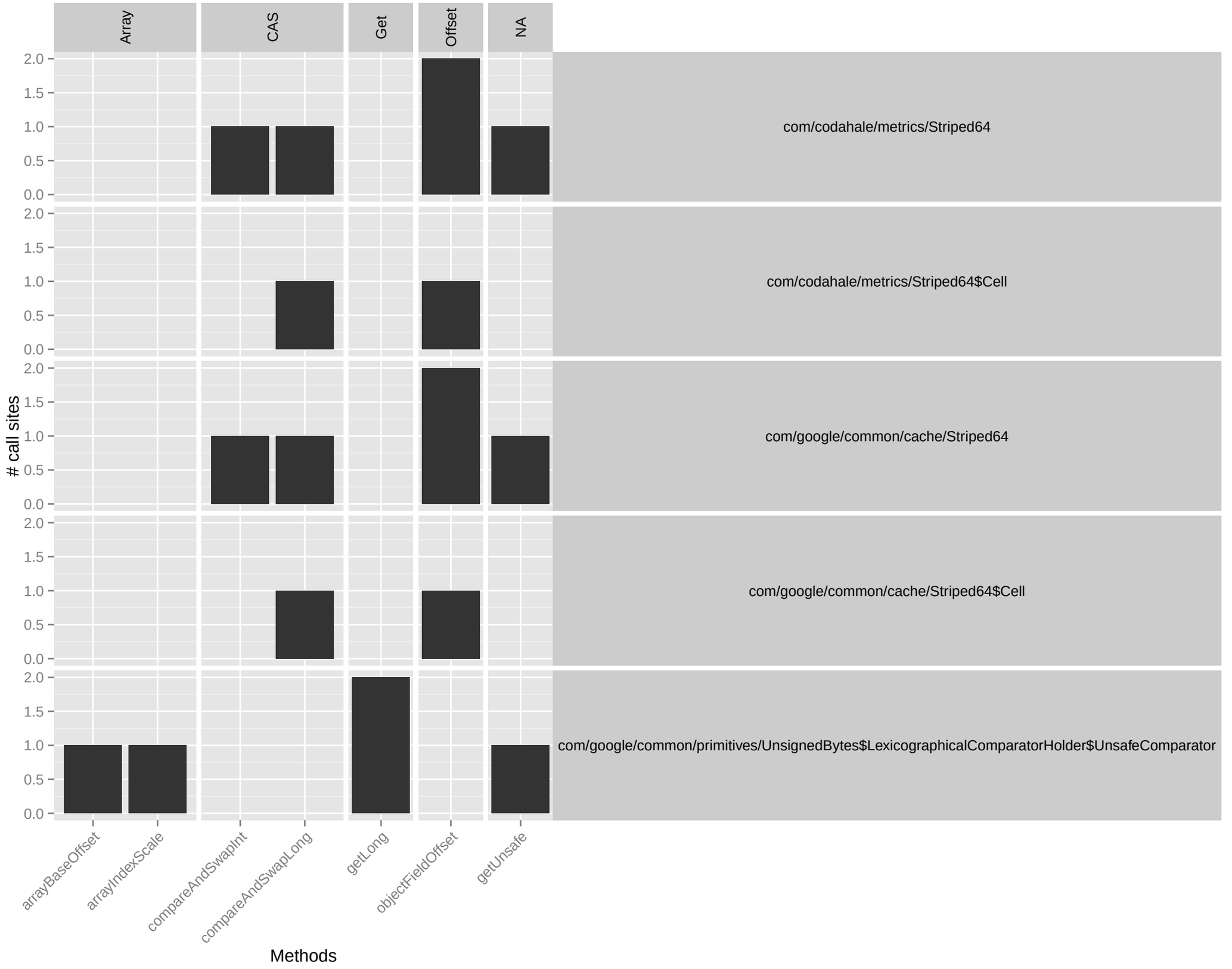
com.bazaarvoice.ostrich.examples.calculator:calculator−service (NA)



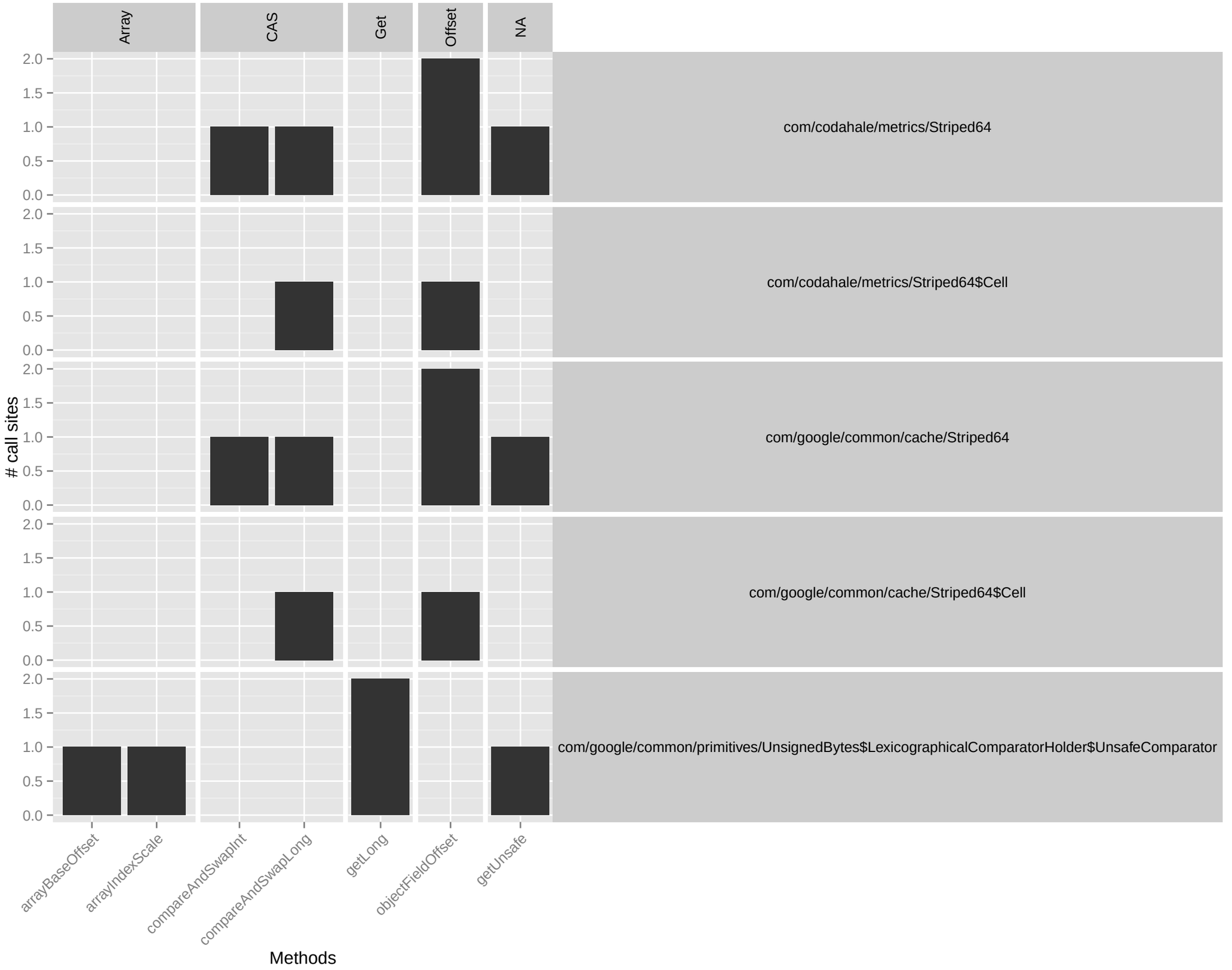
com.bazaarvoice.ostrich.examples.calculator:calculator−user (NA)

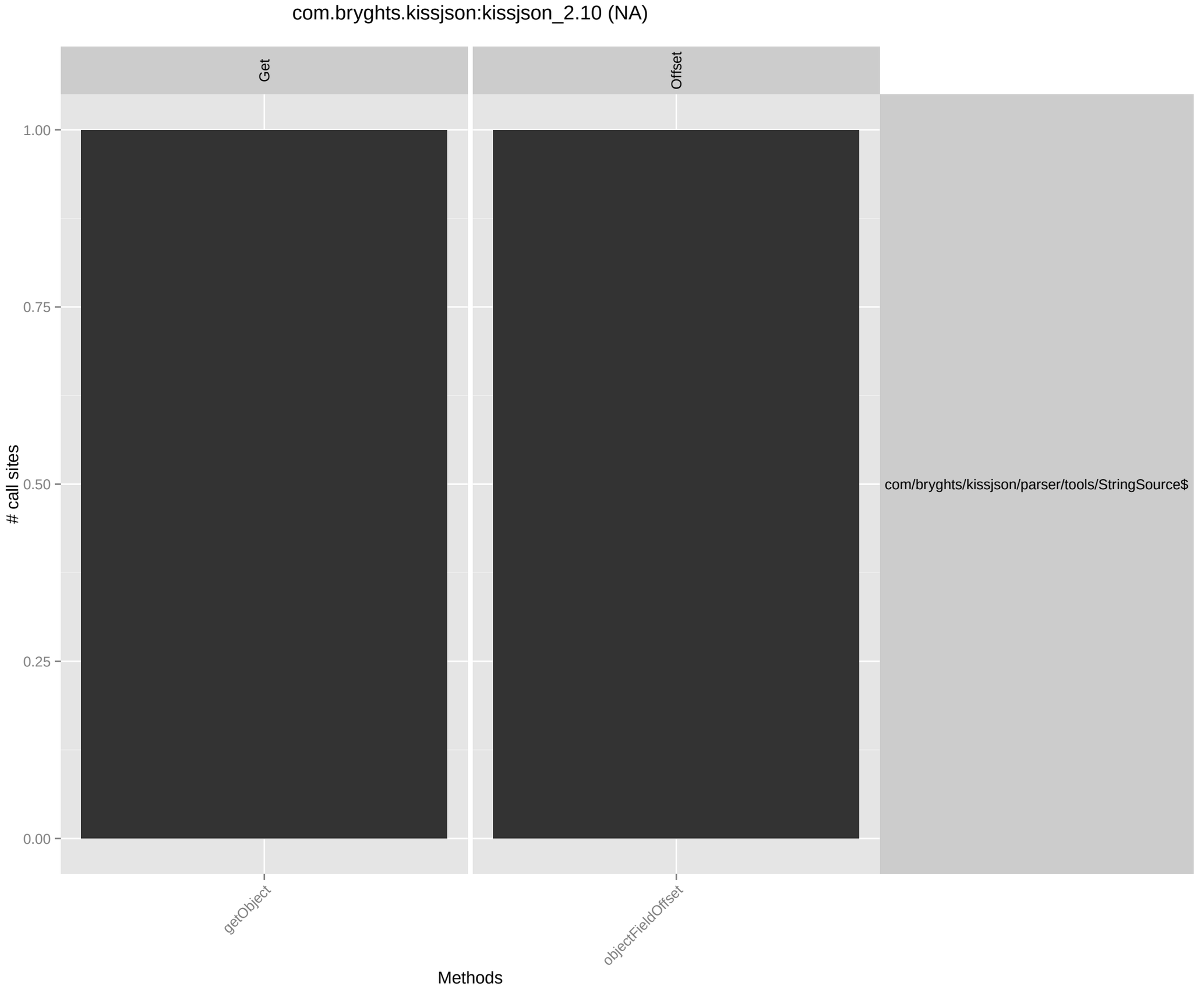


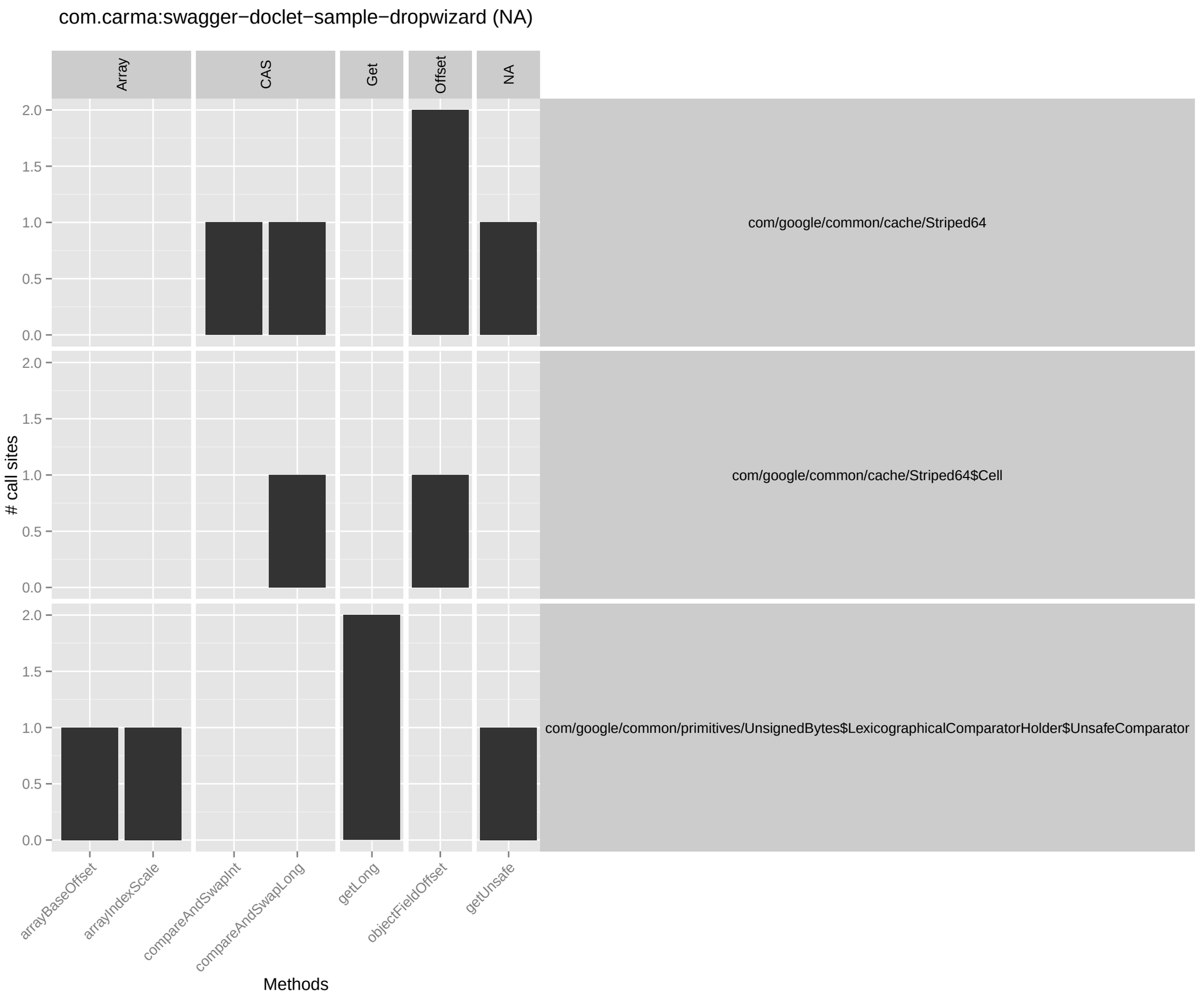
com.bazaarvoice.ostrich.examples.dictionary:dictionary−service (NA)

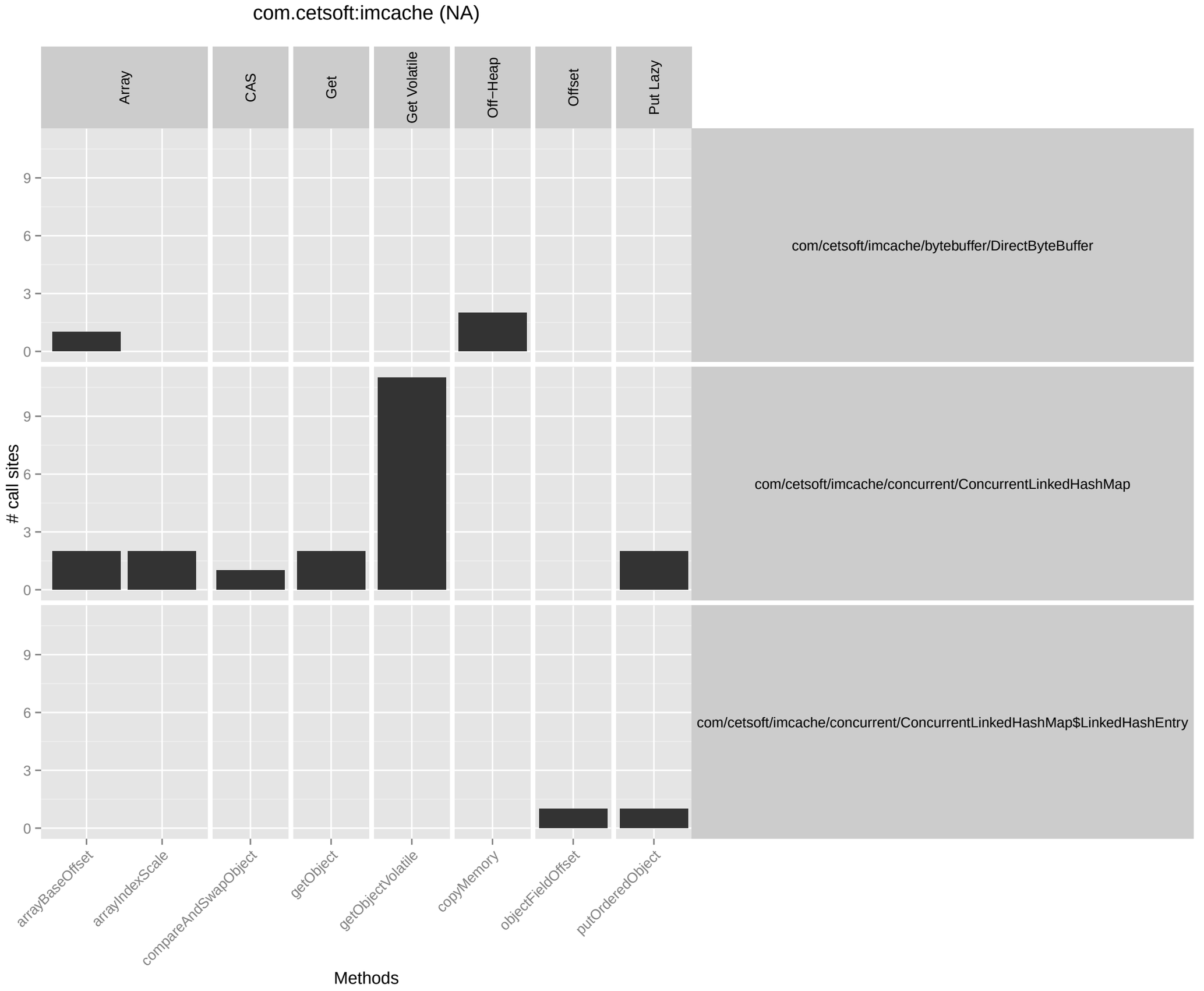


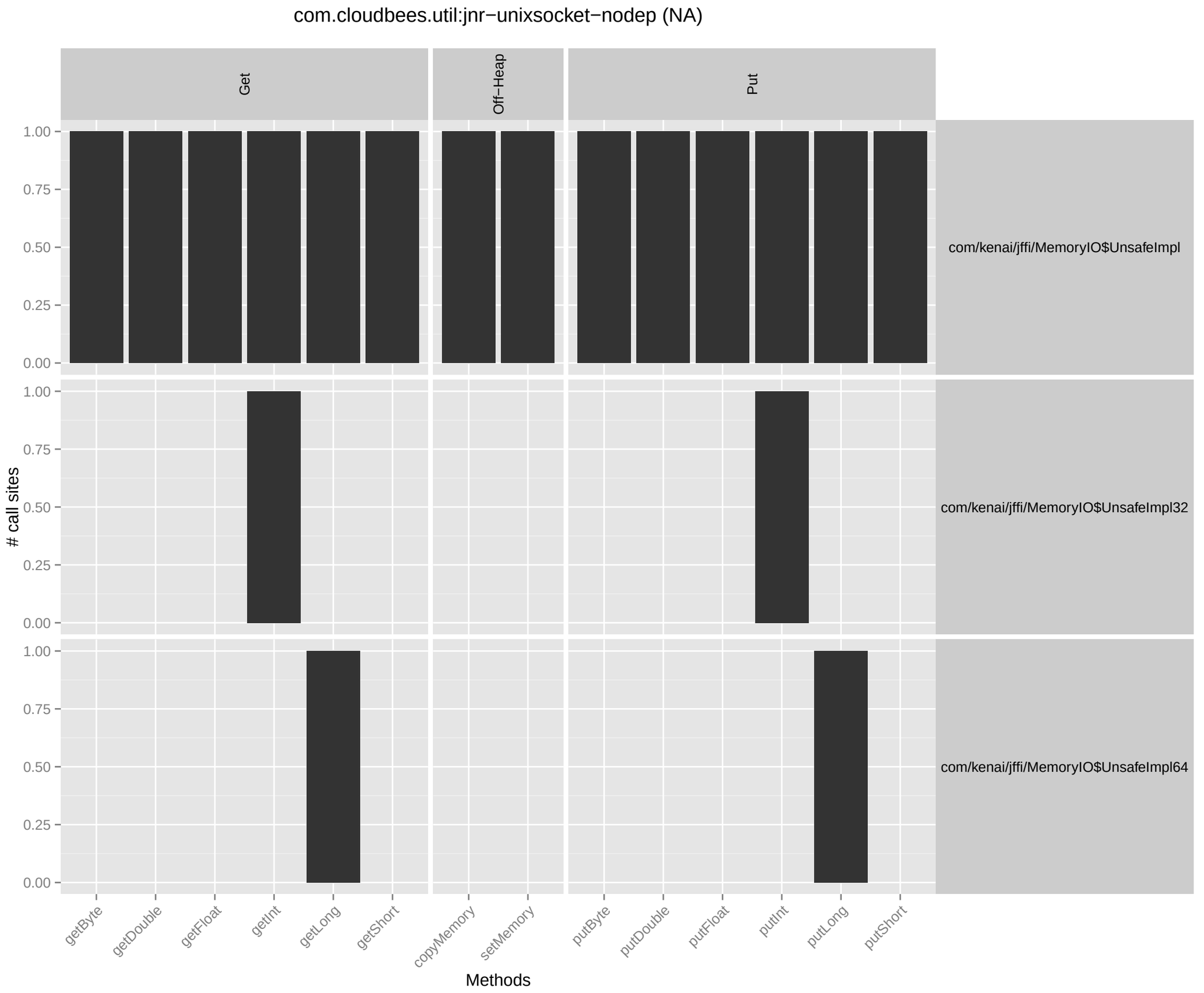
com.bazaarvoice.ostrich.examples.dictionary:dictionary−user (NA)

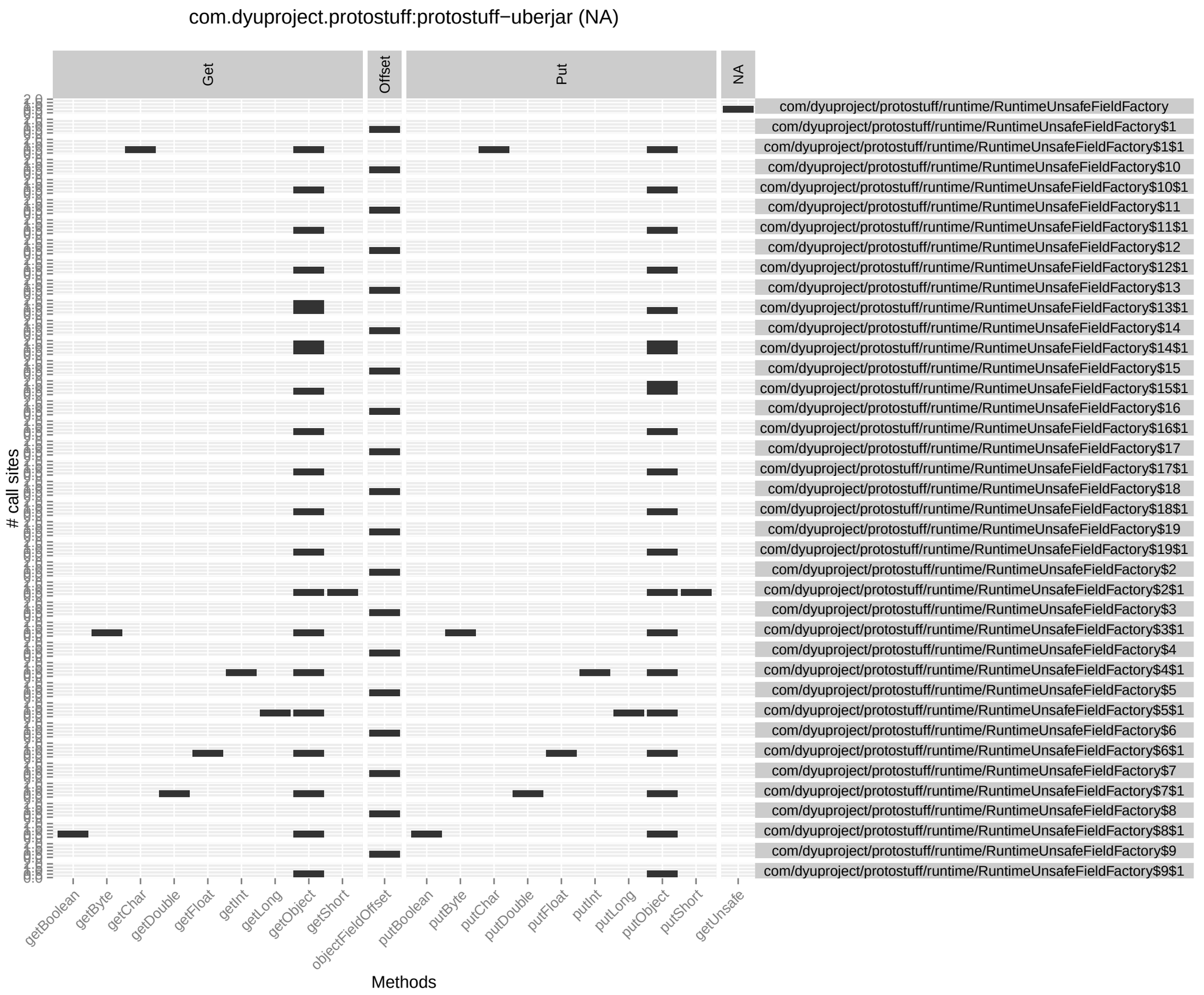


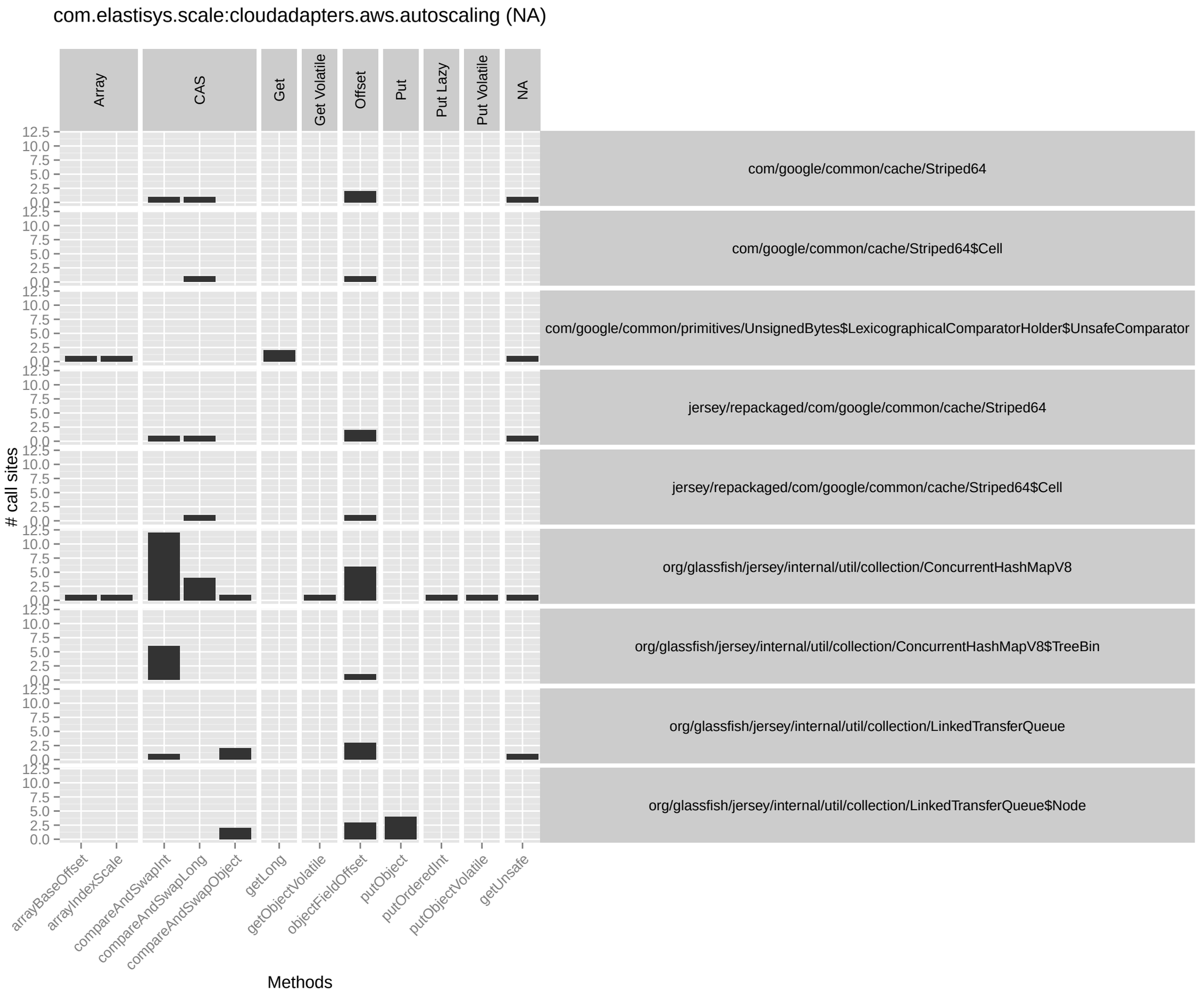

com.bryghts.kissjson:kissjson_2.10 (NA)
Get
Offset
com/bryghts/kissjson/parser/tools/StringSource$
call sites
1.00
0.75
0.50
0.25
0.00
getObject
objectFieldOffset
Methods

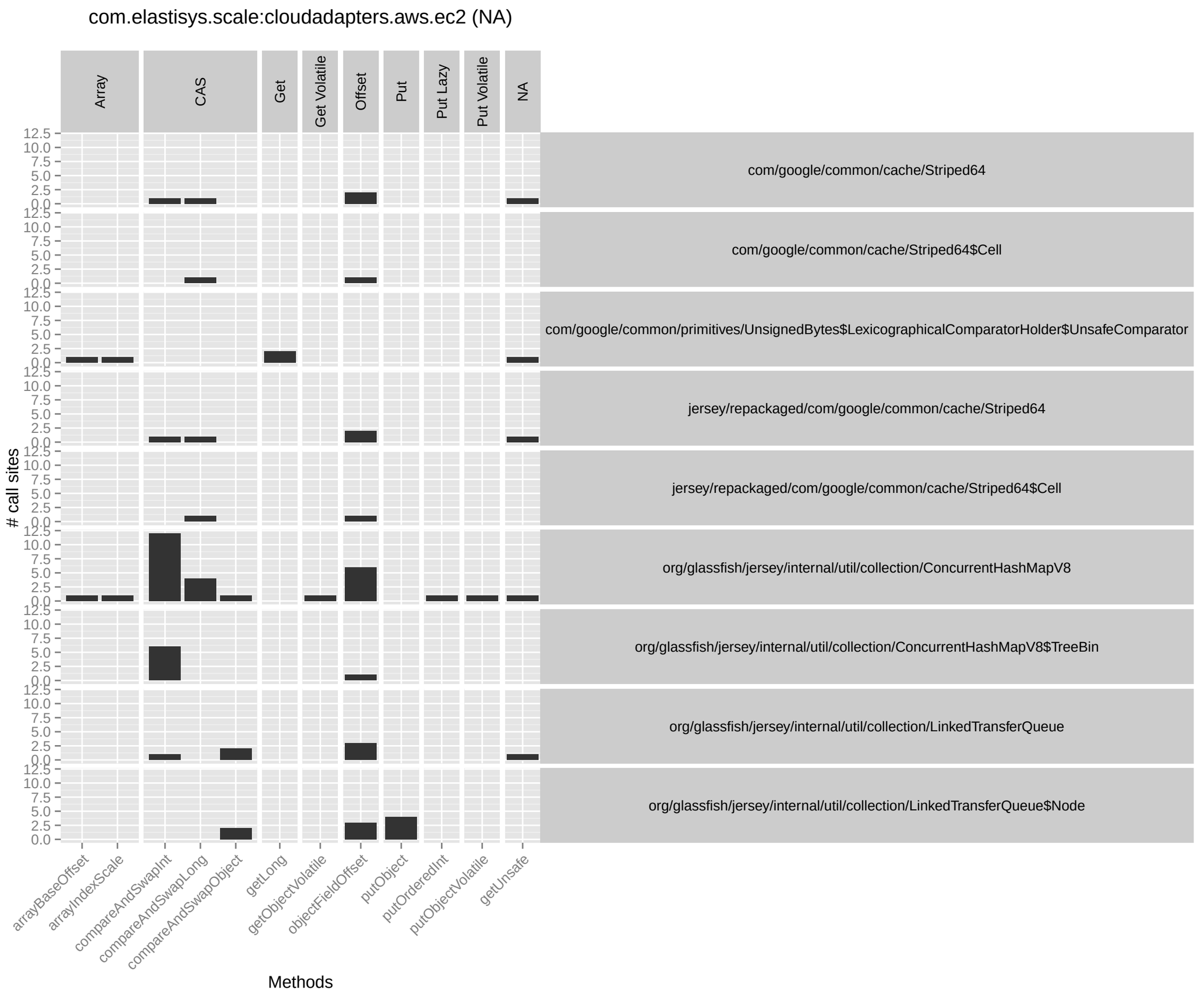

com.carma:swagger−doclet−sample−dropwizard (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

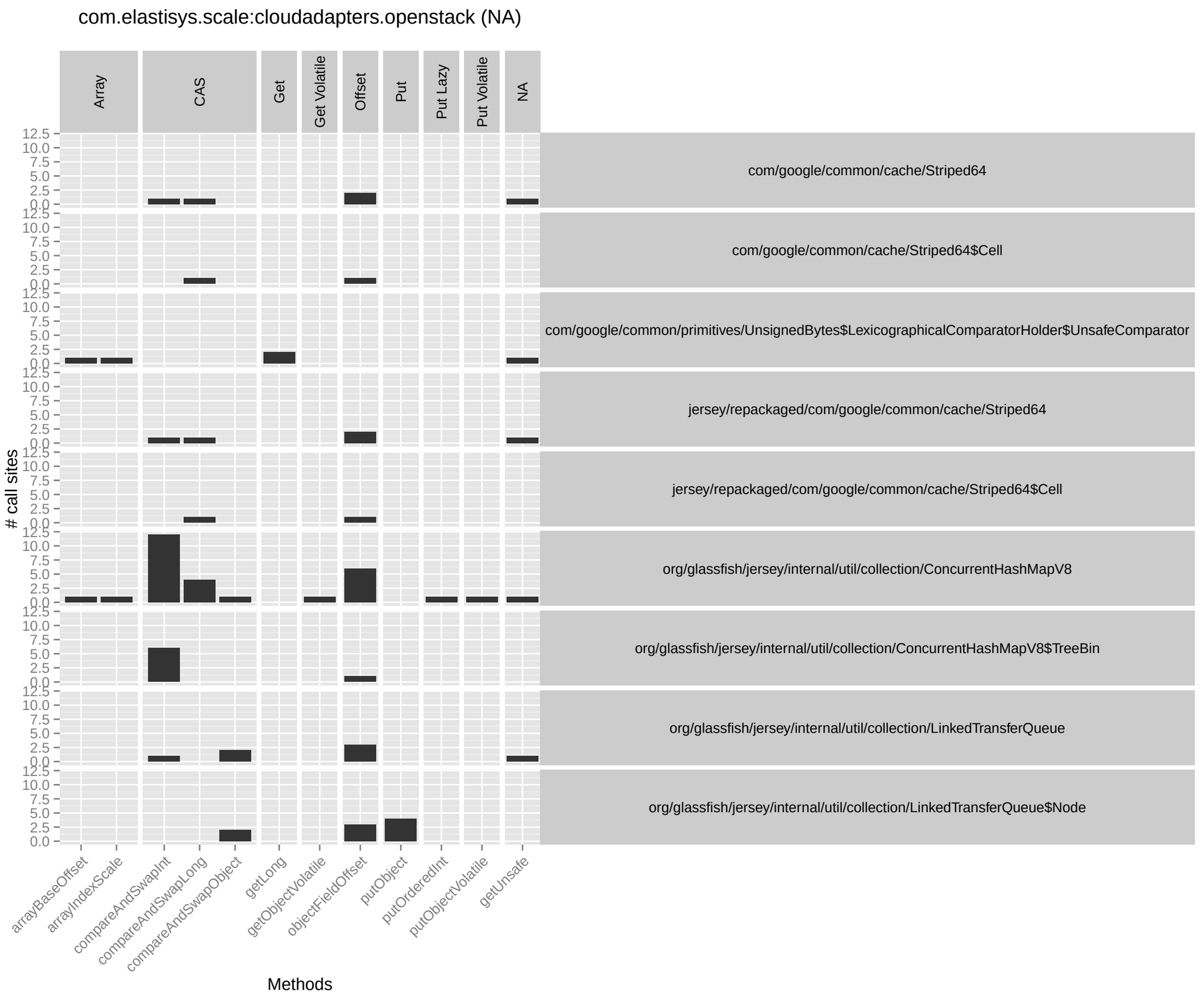

com.cetsoft:imcache (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put Lazy
com/cetsoft/imcache/bytebuffer/DirectByteBuffer
com/cetsoft/imcache/concurrent/ConcurrentLinkedHashMap
com/cetsoft/imcache/concurrent/ConcurrentLinkedHashMap$LinkedHashEntry
call sites
0
3
6
9
arrayBaseOffset
arrayIndexScale
compareAndSwapObject
getObject
getObjectVolatile
copyMemory
objectFieldOffset
putOrderedObject
Methods

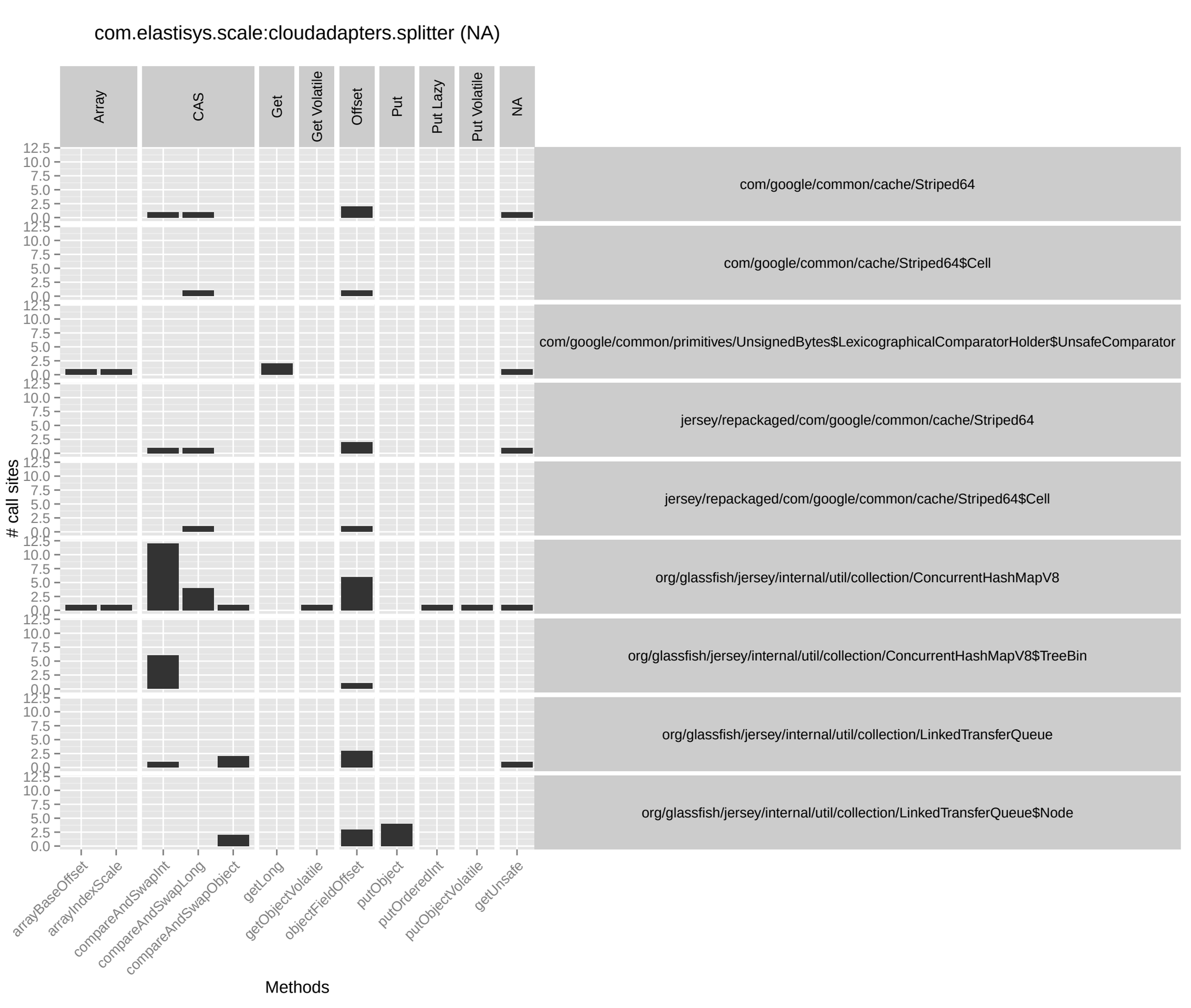

com.cloudbees.util:jnr−unixsocket−nodep (NA)
Get
Off−Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

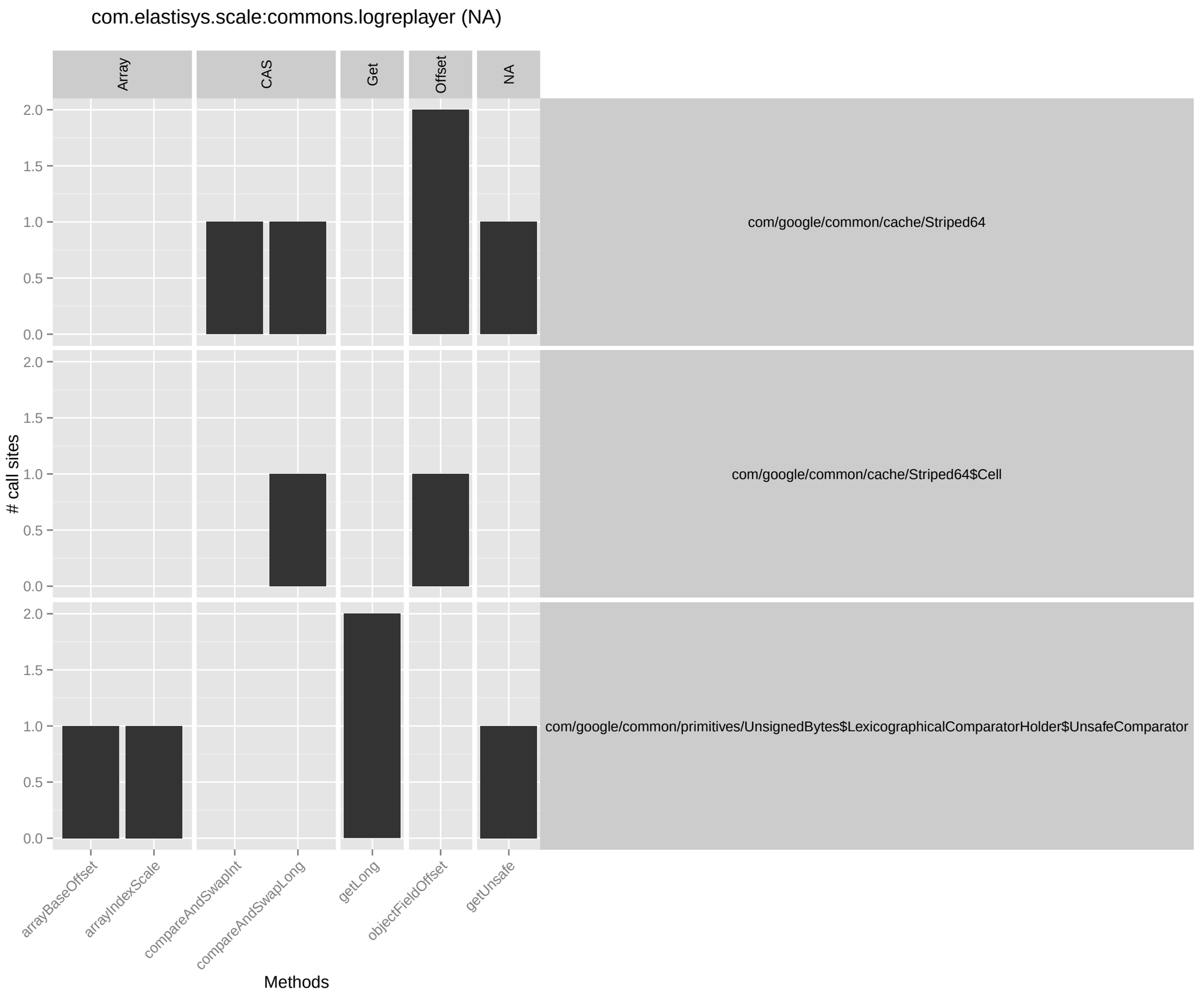

com.dyuproject.protostuff:protostuff−uberjar (NA)
Get
Offset
Put
NA
call sites
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$1$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$10
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$10$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$11
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$11$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$12
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$12$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$13
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$13$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$14
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$14$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$15
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$15$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$16
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$16$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$17
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$17$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$18
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$18$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$19
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$19$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$2
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$2$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$3
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$3$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$4
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$4$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$5
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$5$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$6
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$6$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$7
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$7$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$8
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$8$1
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$9
com/dyuproject/protostuff/runtime/RuntimeUnsafeFieldFactory$9$1
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

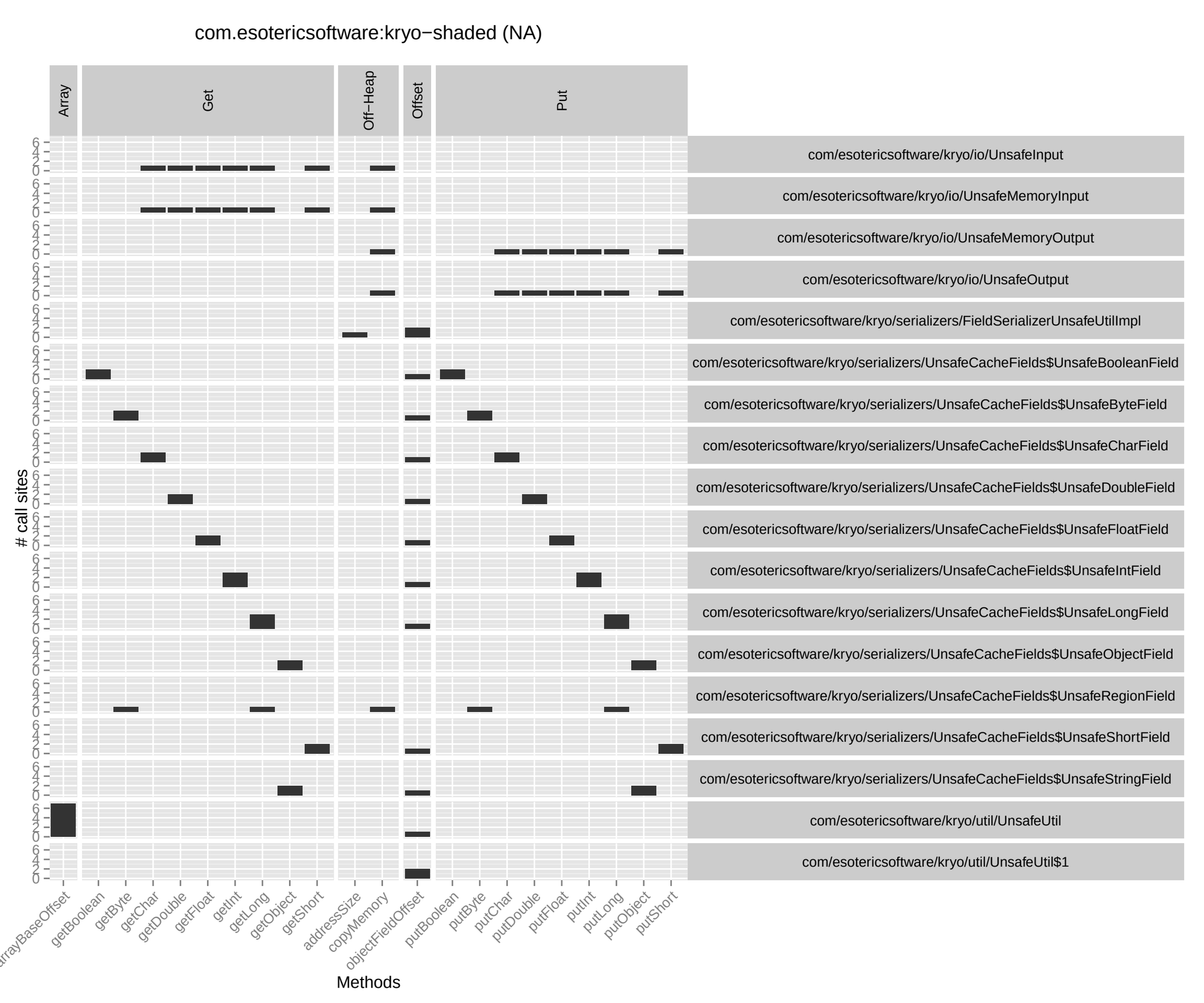

com.elastisys.scale:cloudadapters.aws.autoscaling (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

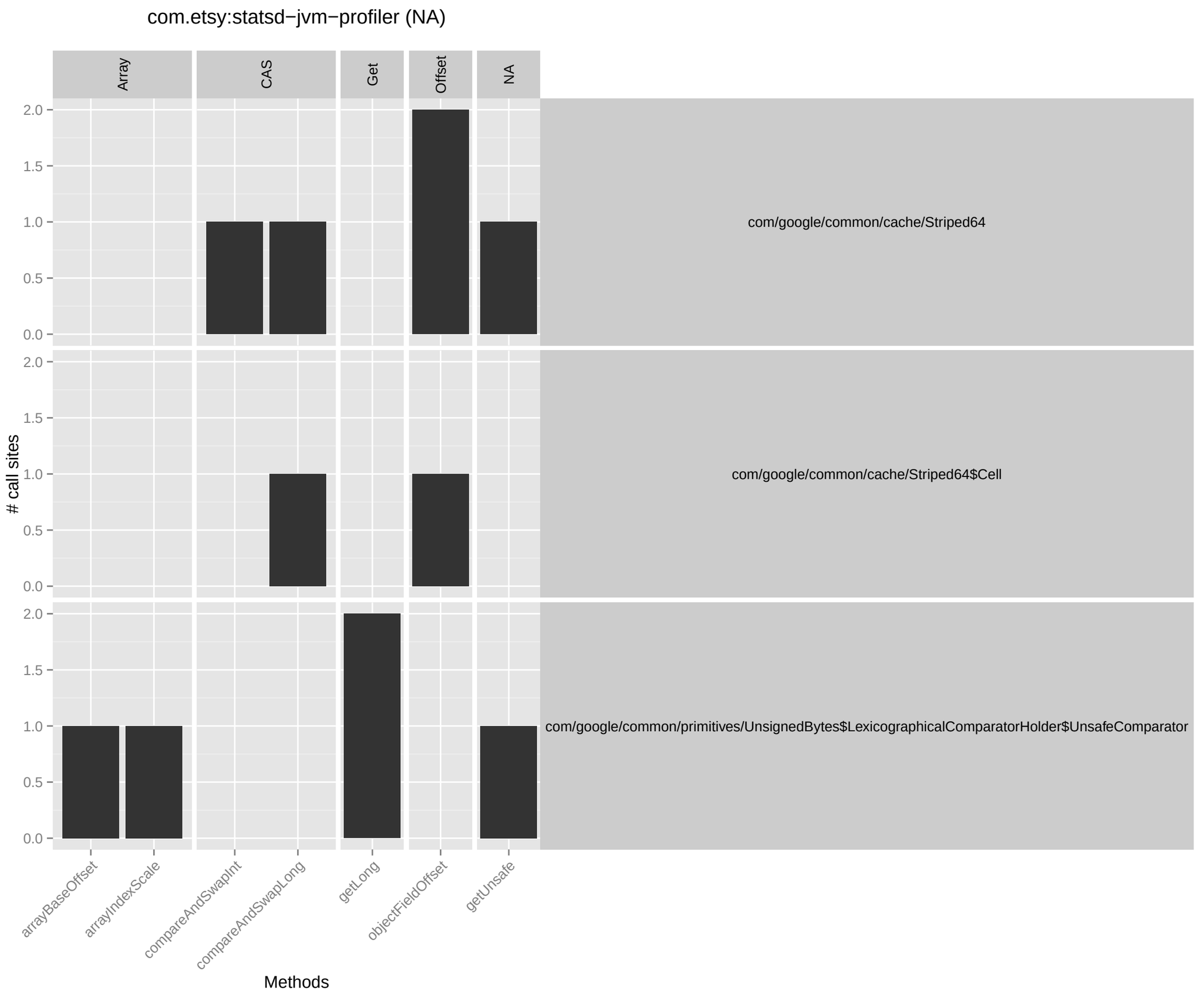

com.elastisys.scale:cloudadapters.aws.ec2 (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

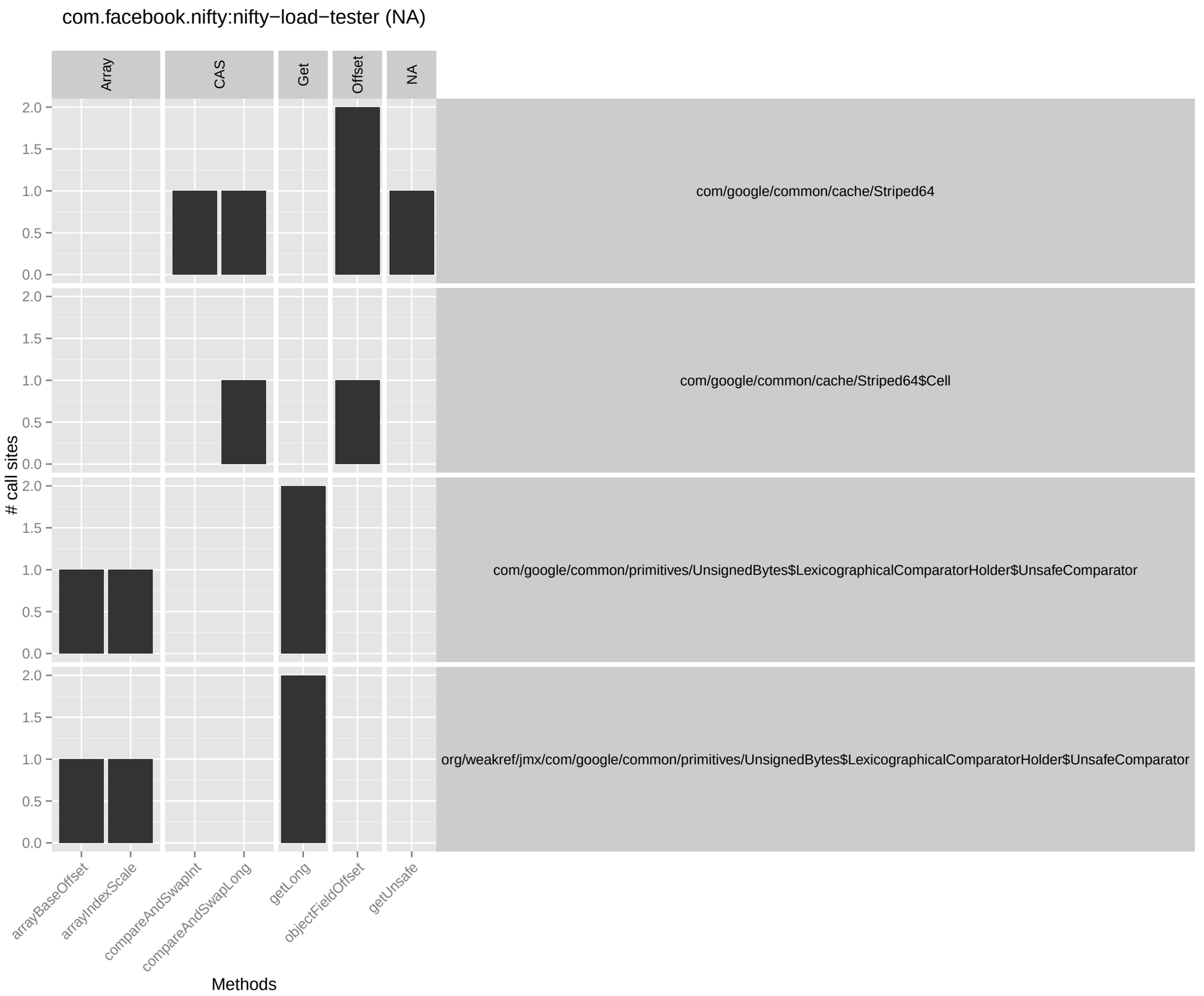

com.elastisys.scale:cloudadapters.openstack (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

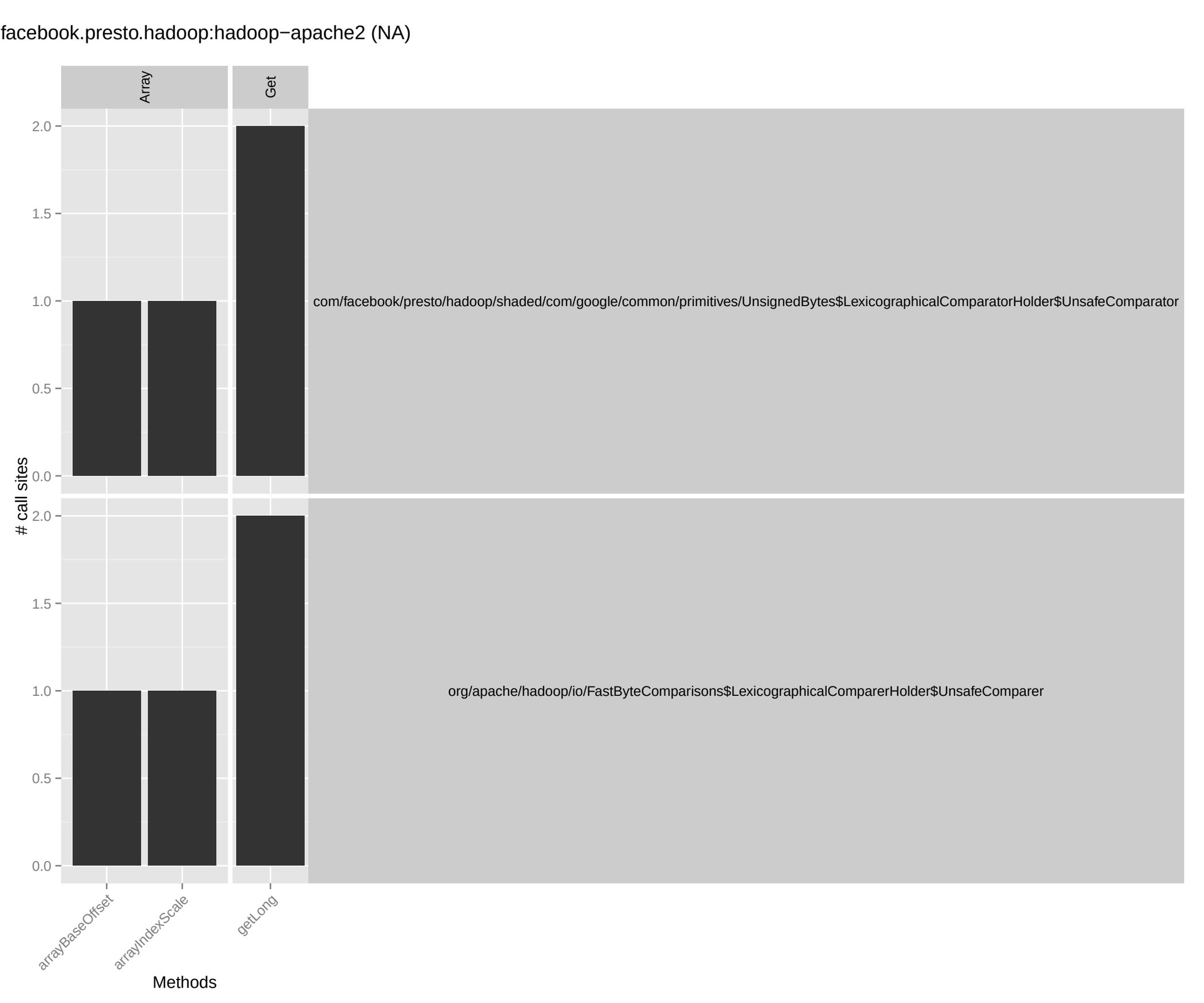

com.elastisys.scale:cloudadapters.splitter (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

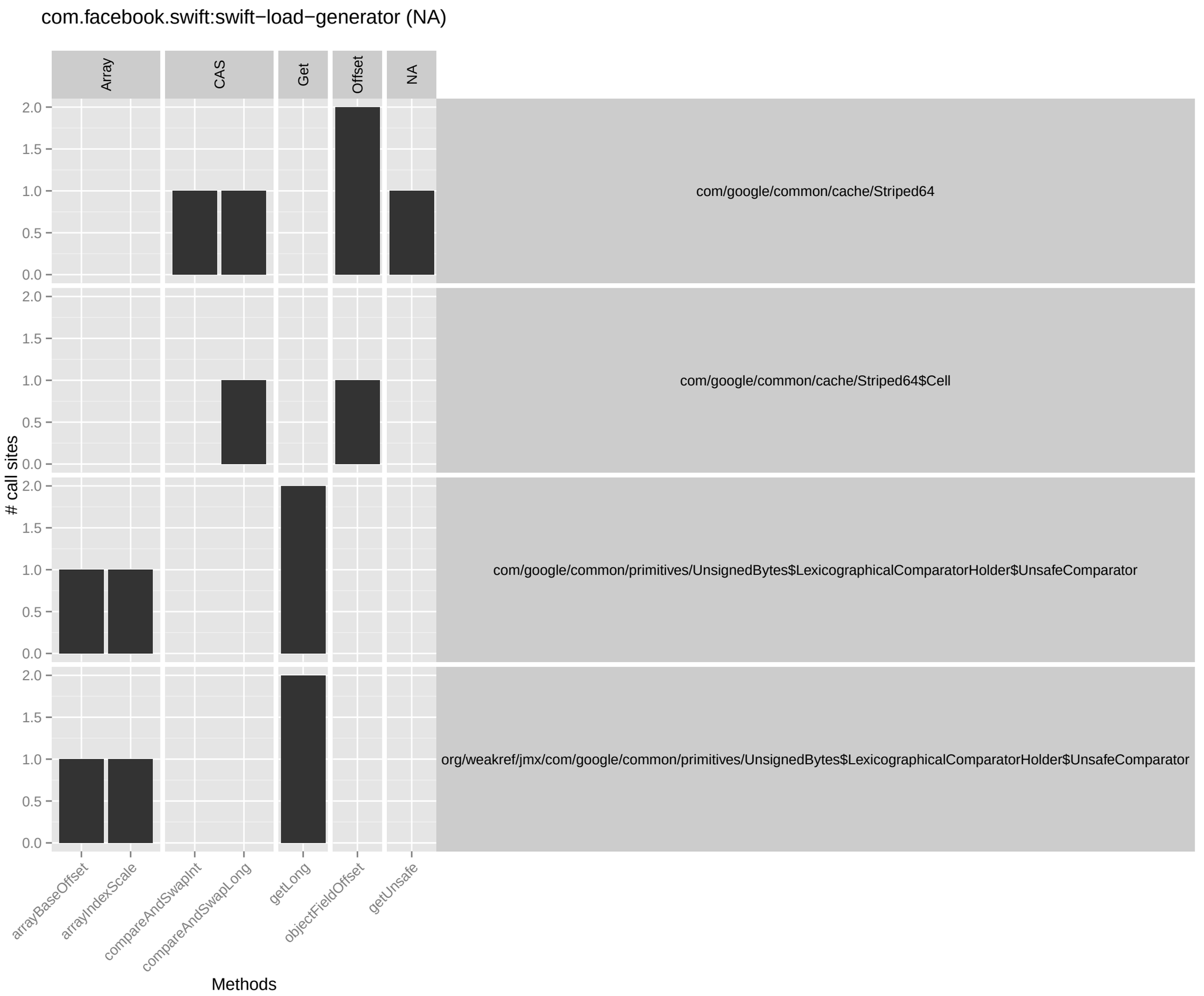

com.elastisys.scale:commons.logreplayer (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

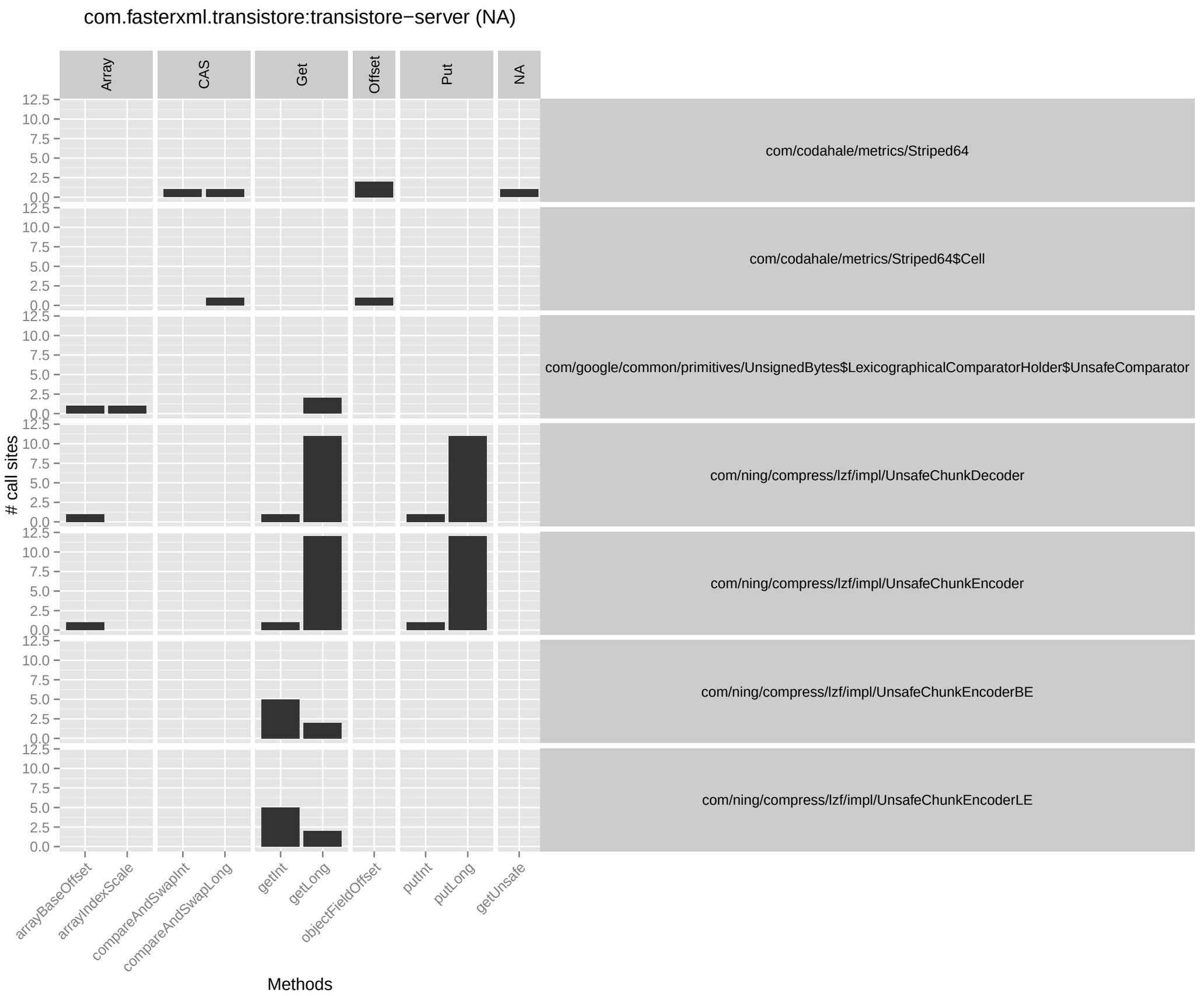

com.esotericsoftware:kryo−shaded (NA)
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

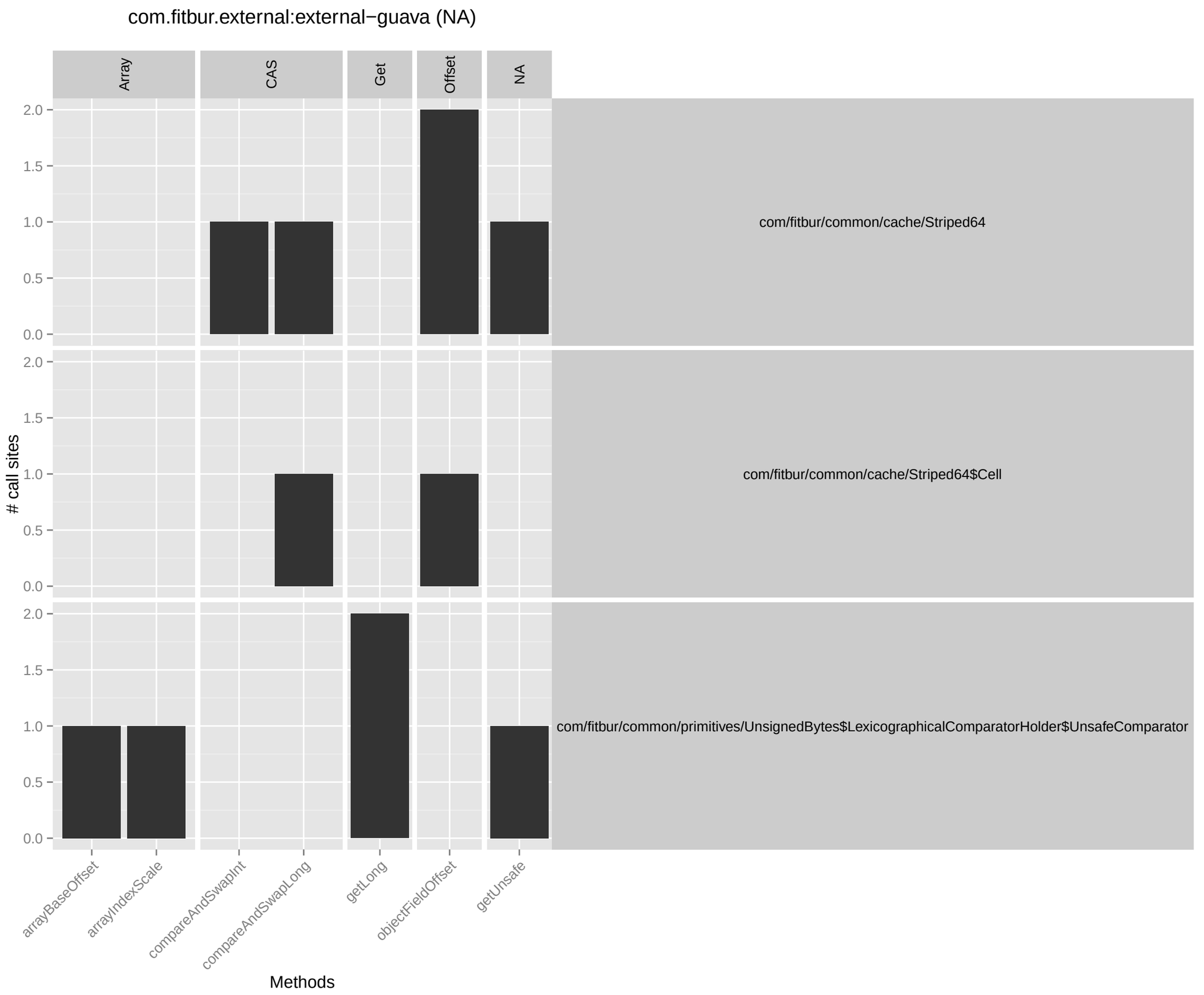

com.etsy:statsd−jvm−profiler (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

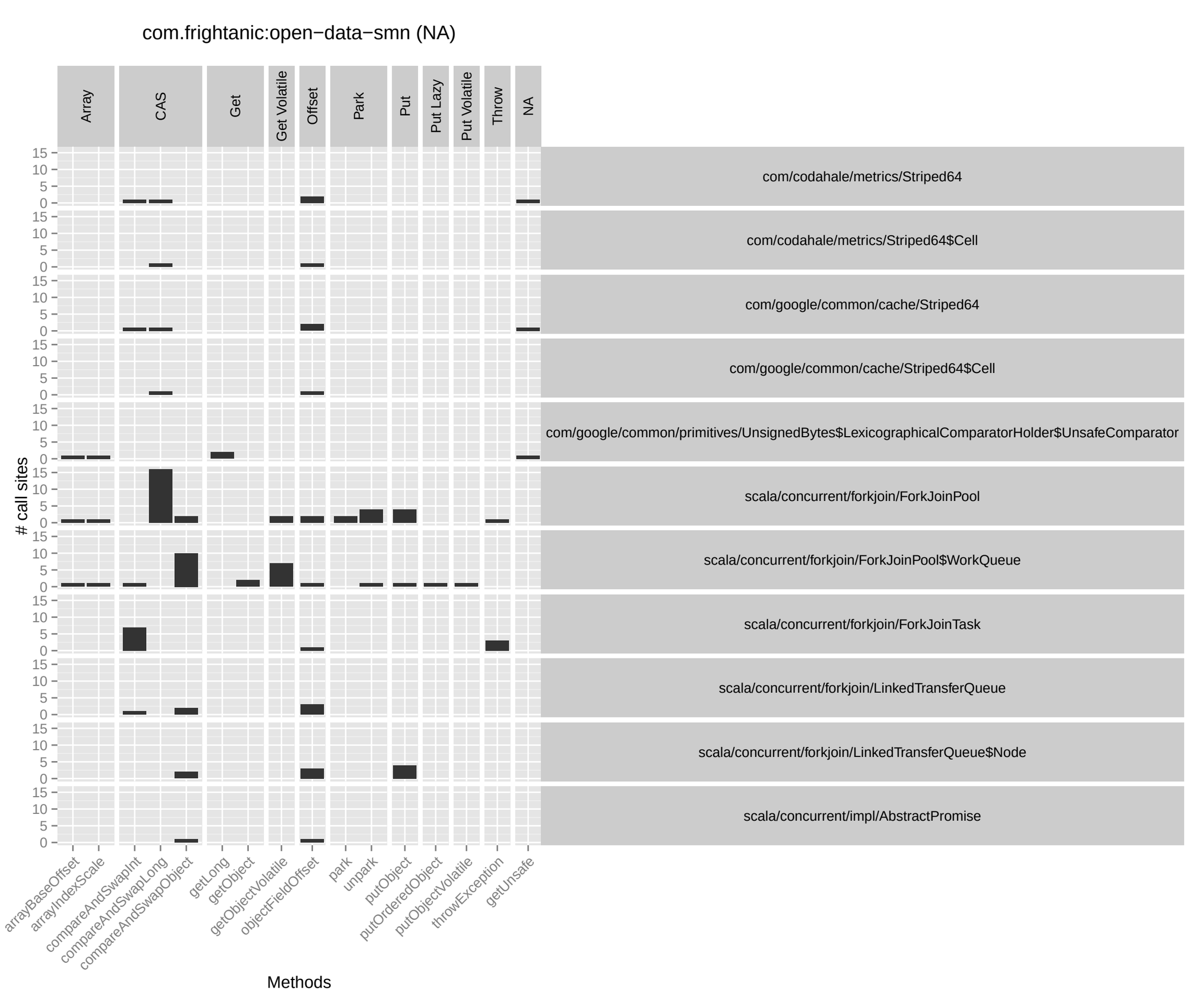

com.facebook.nifty:nifty−load−tester (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/weakref/jmx/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

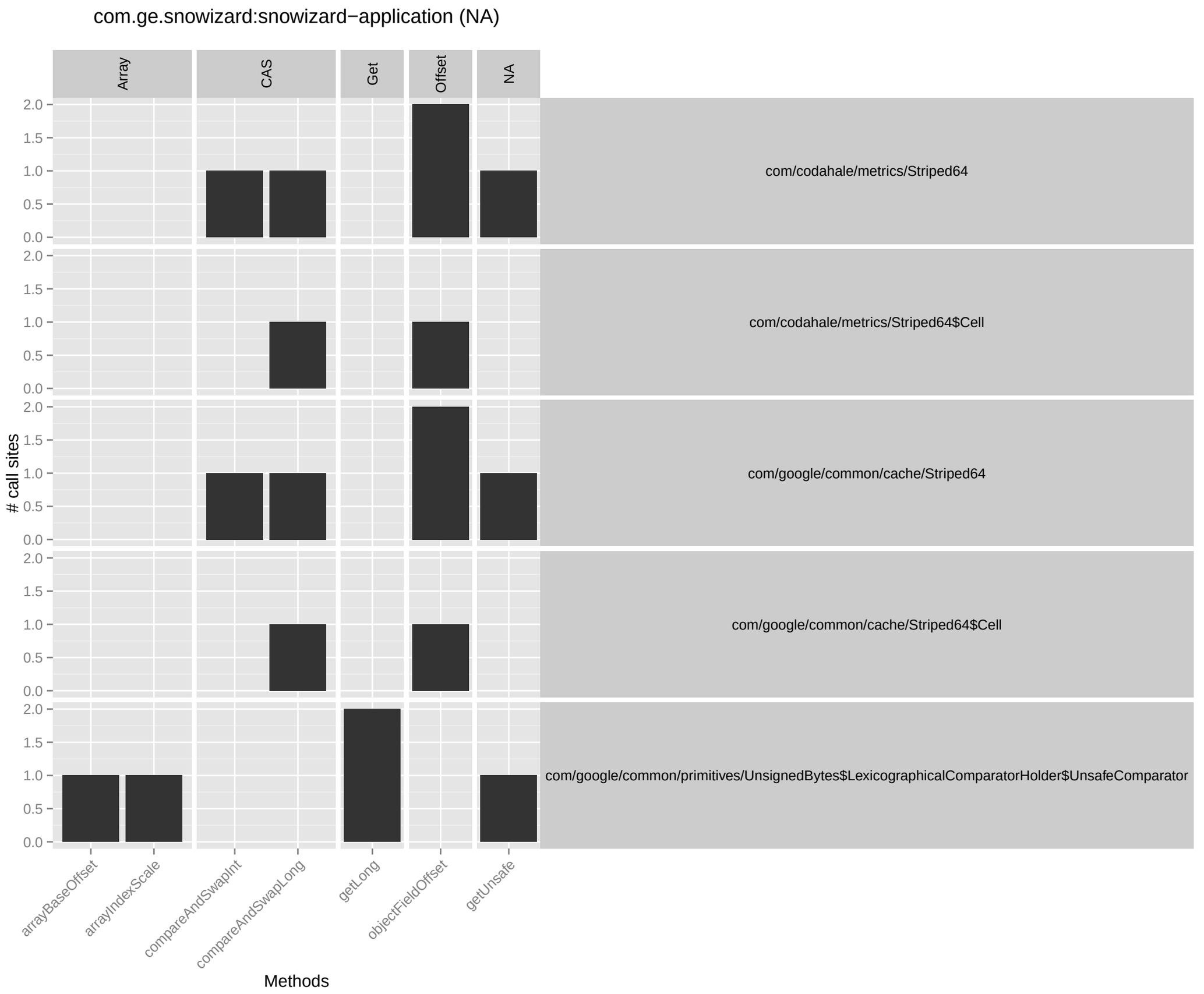

facebook.presto.hadoop:hadoop−apache2 (NA)
Array
Get
com/facebook/presto/hadoop/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

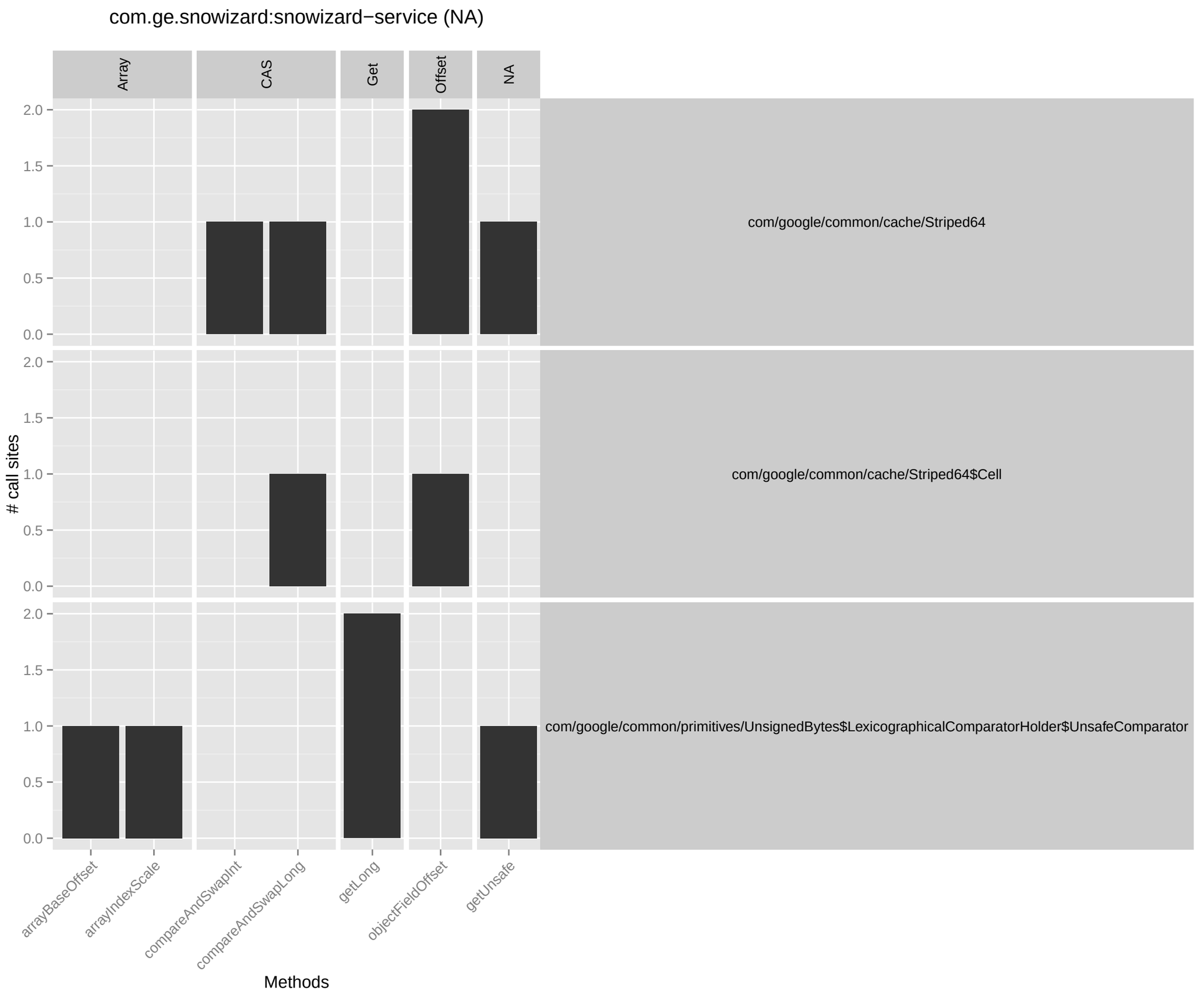

com.facebook.swift:swift−load−generator (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/weakref/jmx/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

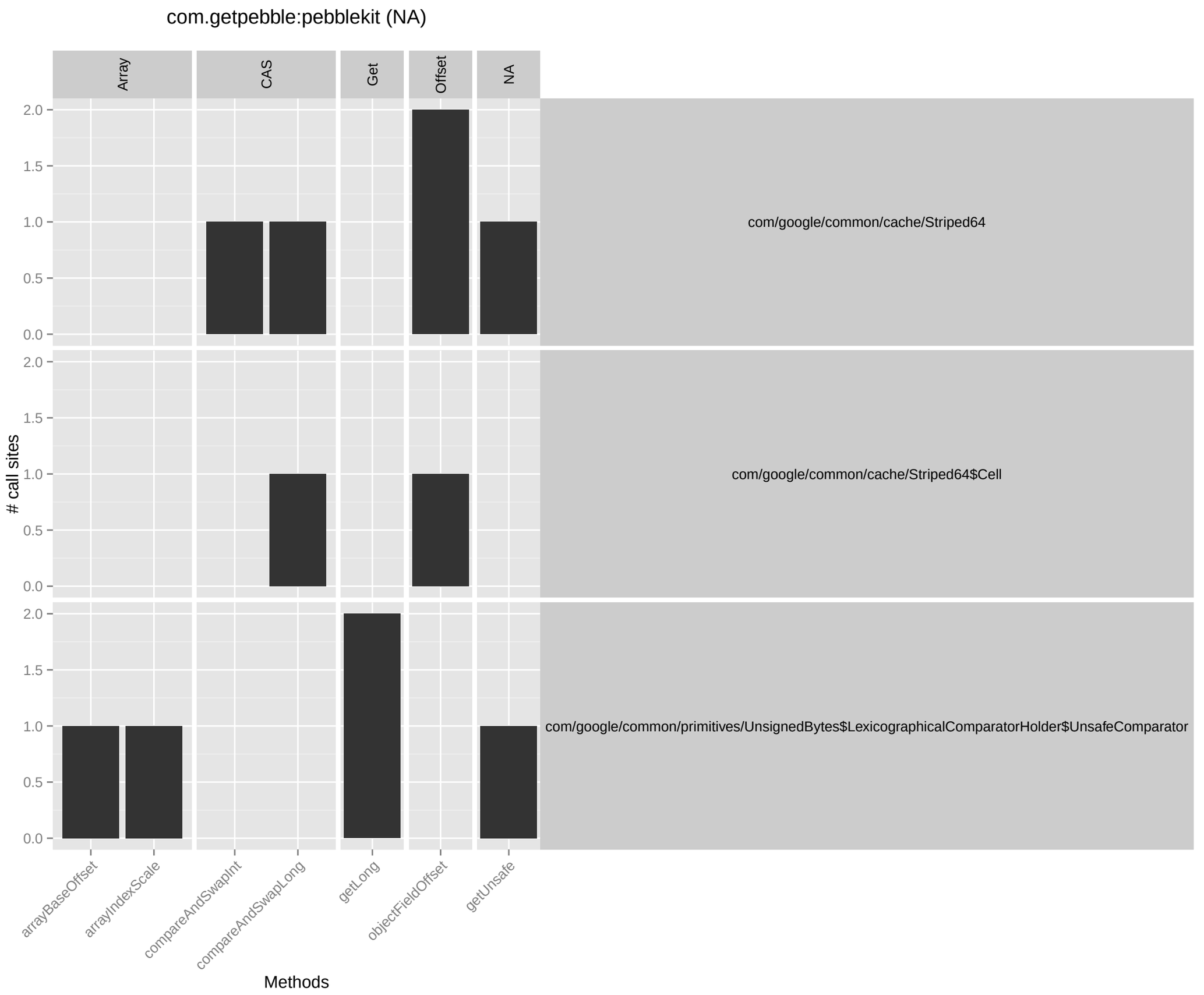

com.fasterxml.transistore:transistore−server (NA)
Array
CAS
Get
Offset
Put
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/ning/compress/lzf/impl/UnsafeChunkDecoder
com/ning/compress/lzf/impl/UnsafeChunkEncoder
com/ning/compress/lzf/impl/UnsafeChunkEncoderBE
com/ning/compress/lzf/impl/UnsafeChunkEncoderLE
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getInt
getLong
objectFieldOffset
putInt
putLong
getUnsafe
Methods

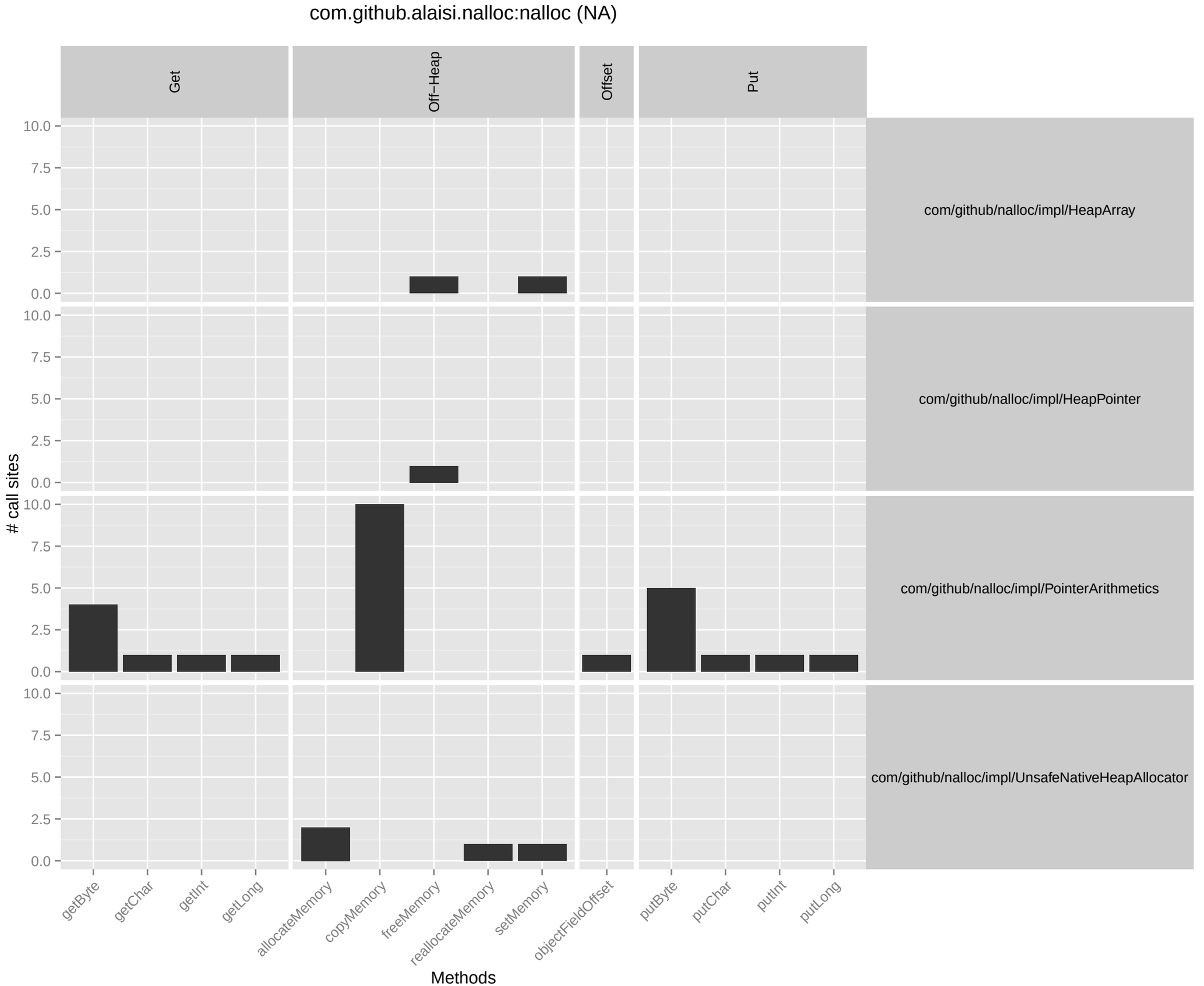

com.fitbur.external:external−guava (NA)
Array
CAS
Get
Offset
NA
com/fitbur/common/cache/Striped64
com/fitbur/common/cache/Striped64$Cell
com/fitbur/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

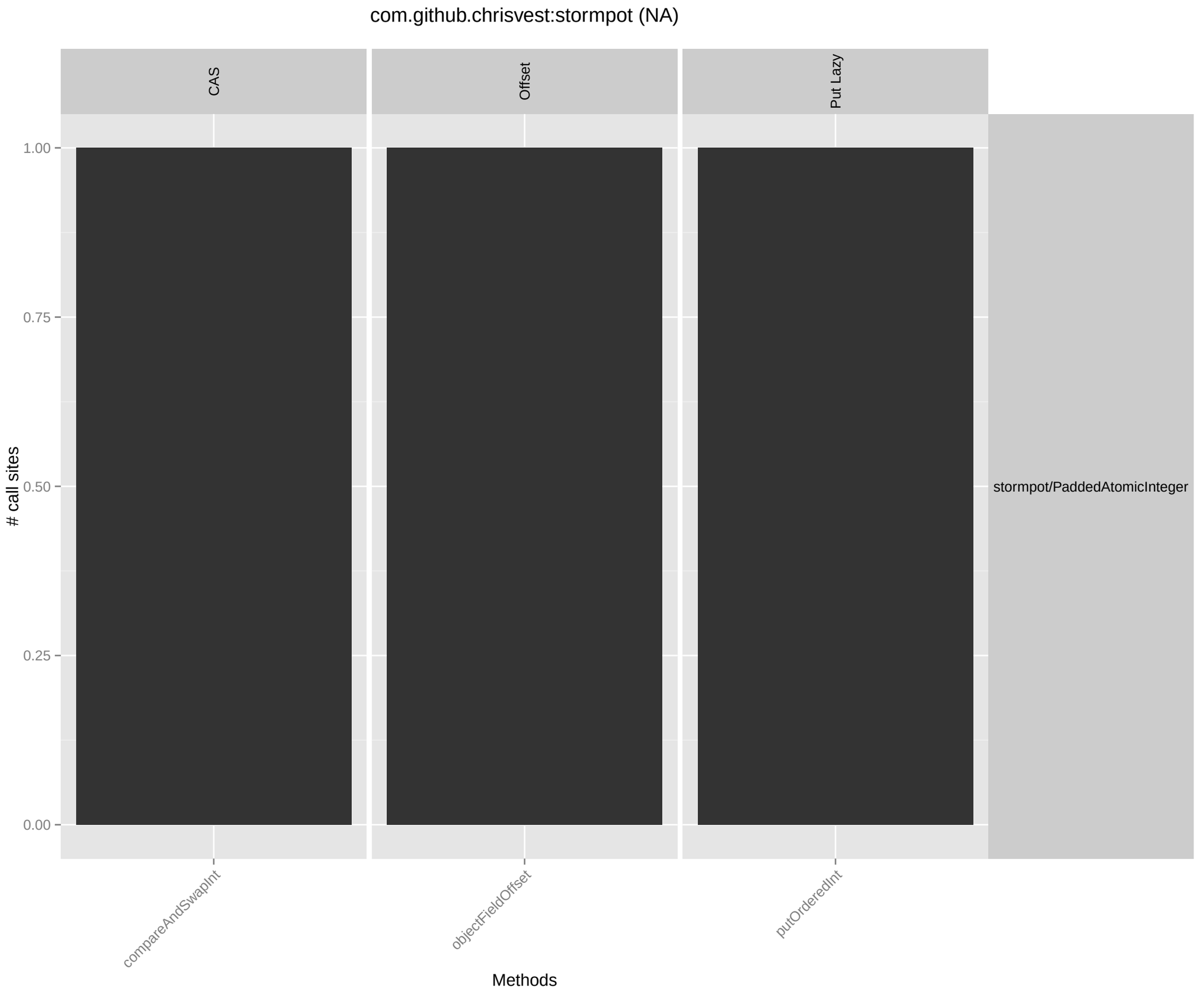

com.frightanic:open−data−smn (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

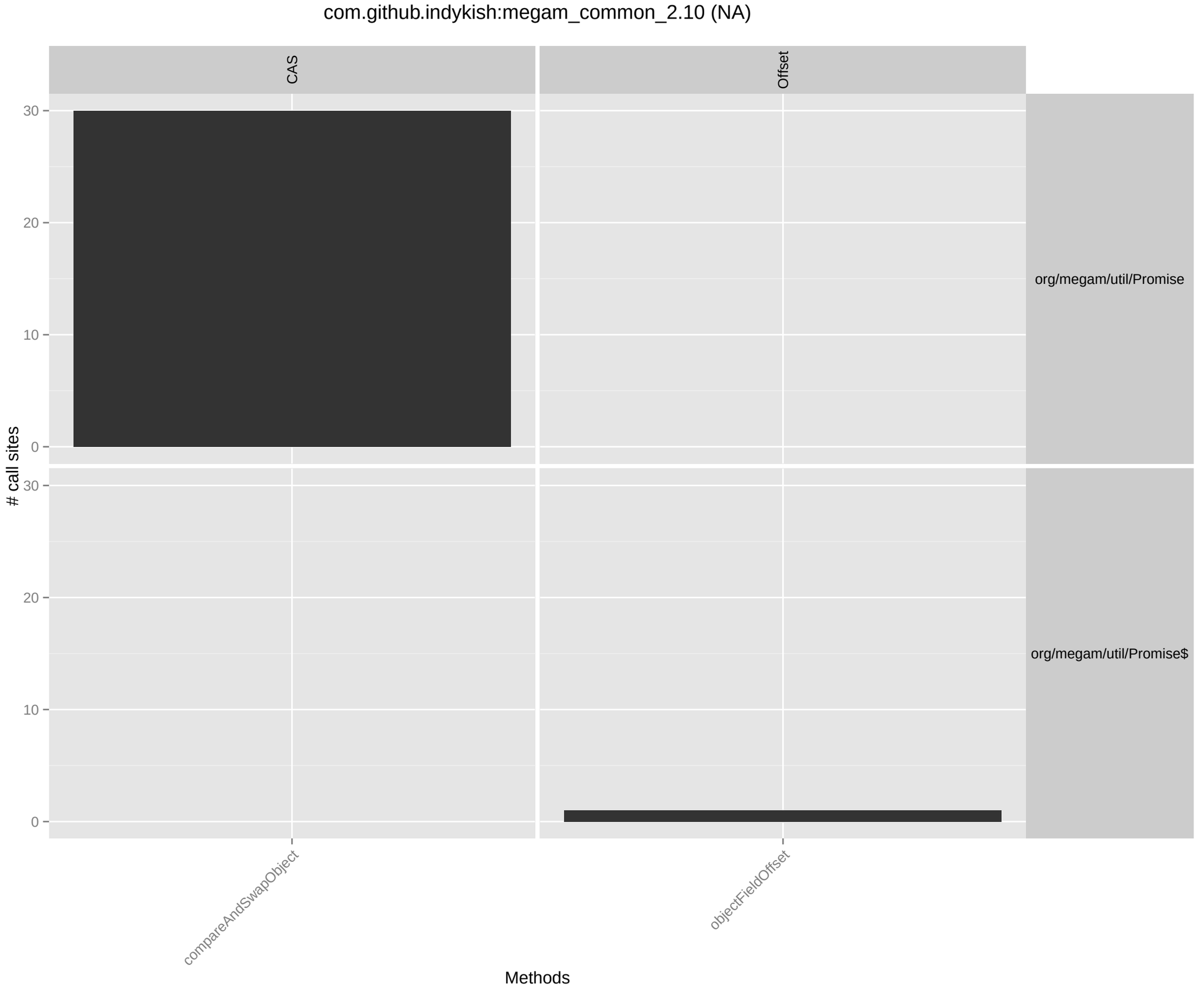

com.ge.snowizard:snowizard−application (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

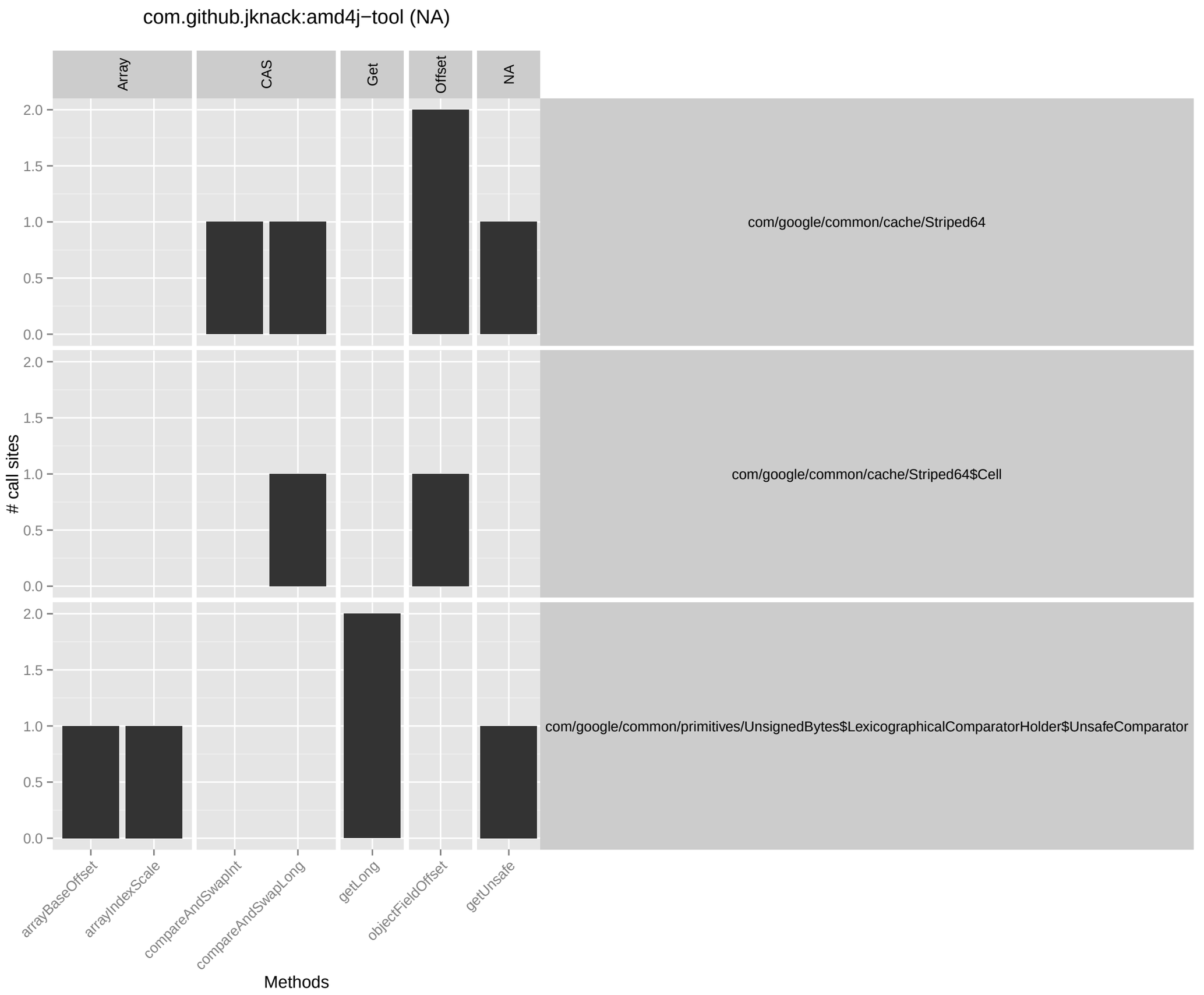

com.ge.snowizard:snowizard−service (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

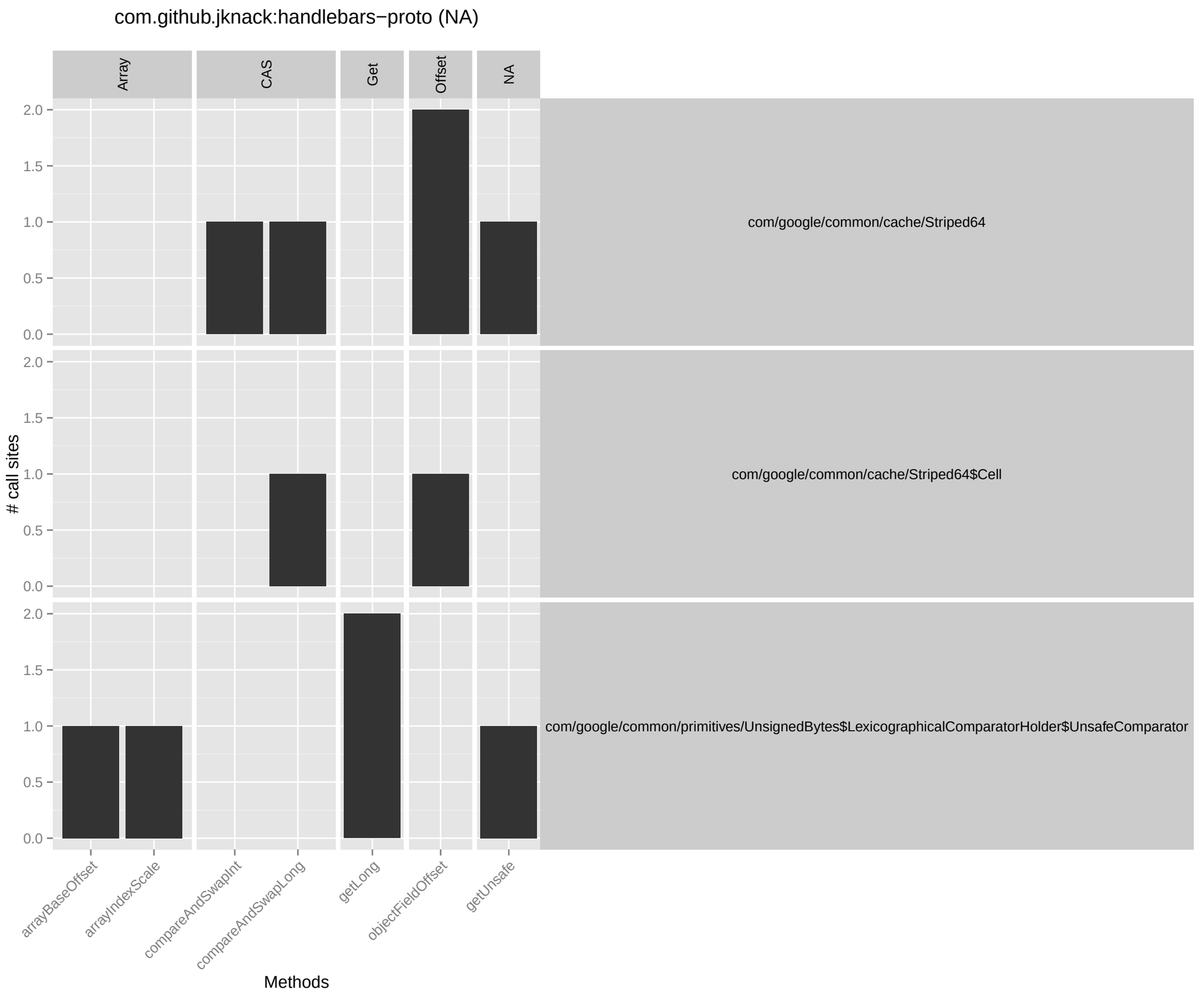

com.getpebble:pebblekit (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

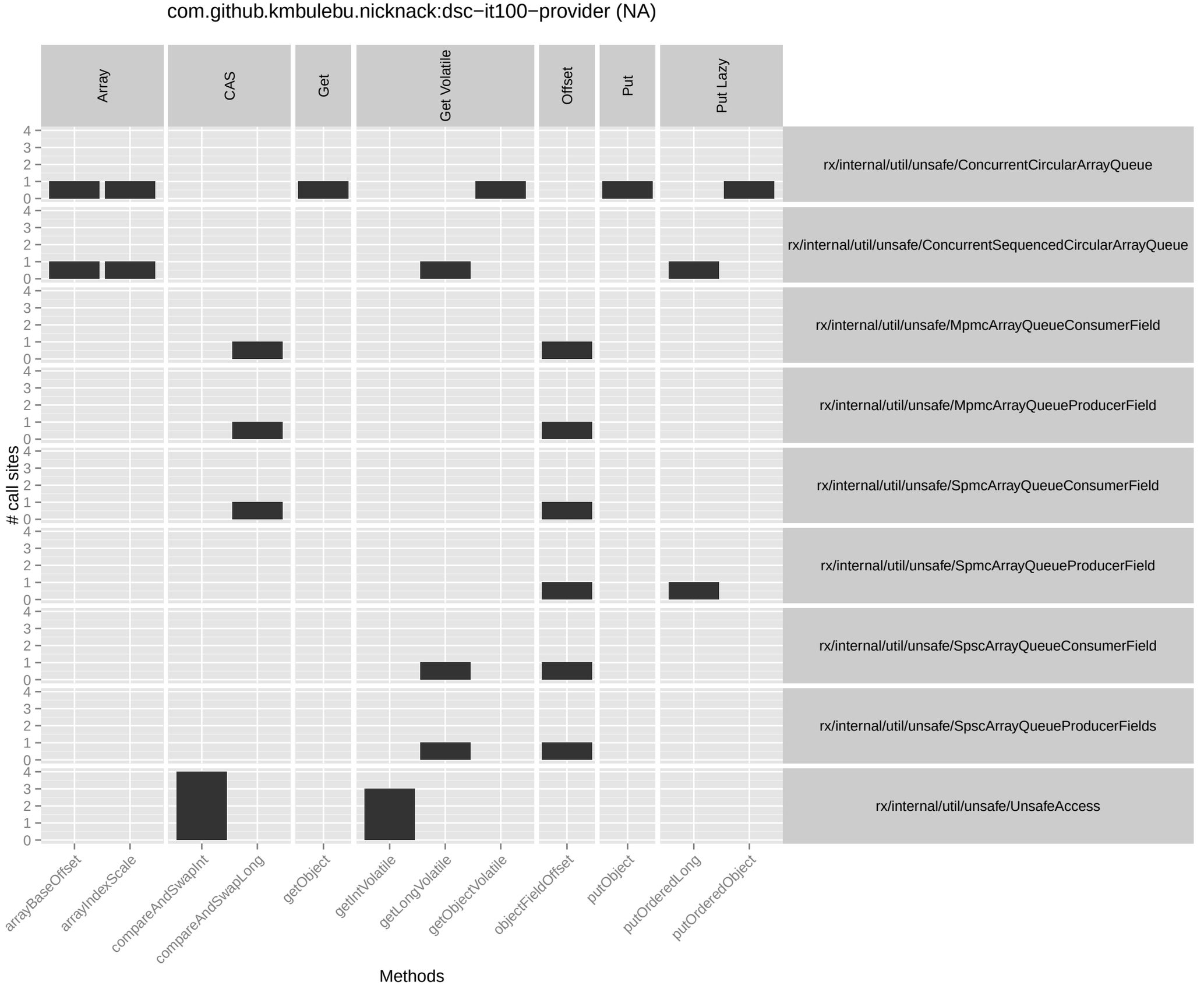

com.github.alaisi.nalloc:nalloc (NA)
Get
Off−Heap
Offset
Put
com/github/nalloc/impl/HeapArray
com/github/nalloc/impl/HeapPointer
com/github/nalloc/impl/PointerArithmetics
com/github/nalloc/impl/UnsafeNativeHeapAllocator
call sites
10.0
7.5
5.0
2.5
0.0
getByte
getChar
getInt
getLong
allocateMemory
copyMemory
freeMemory
reallocateMemory
setMemory
objectFieldOffset
putByte
putChar
putInt
putLong
Methods

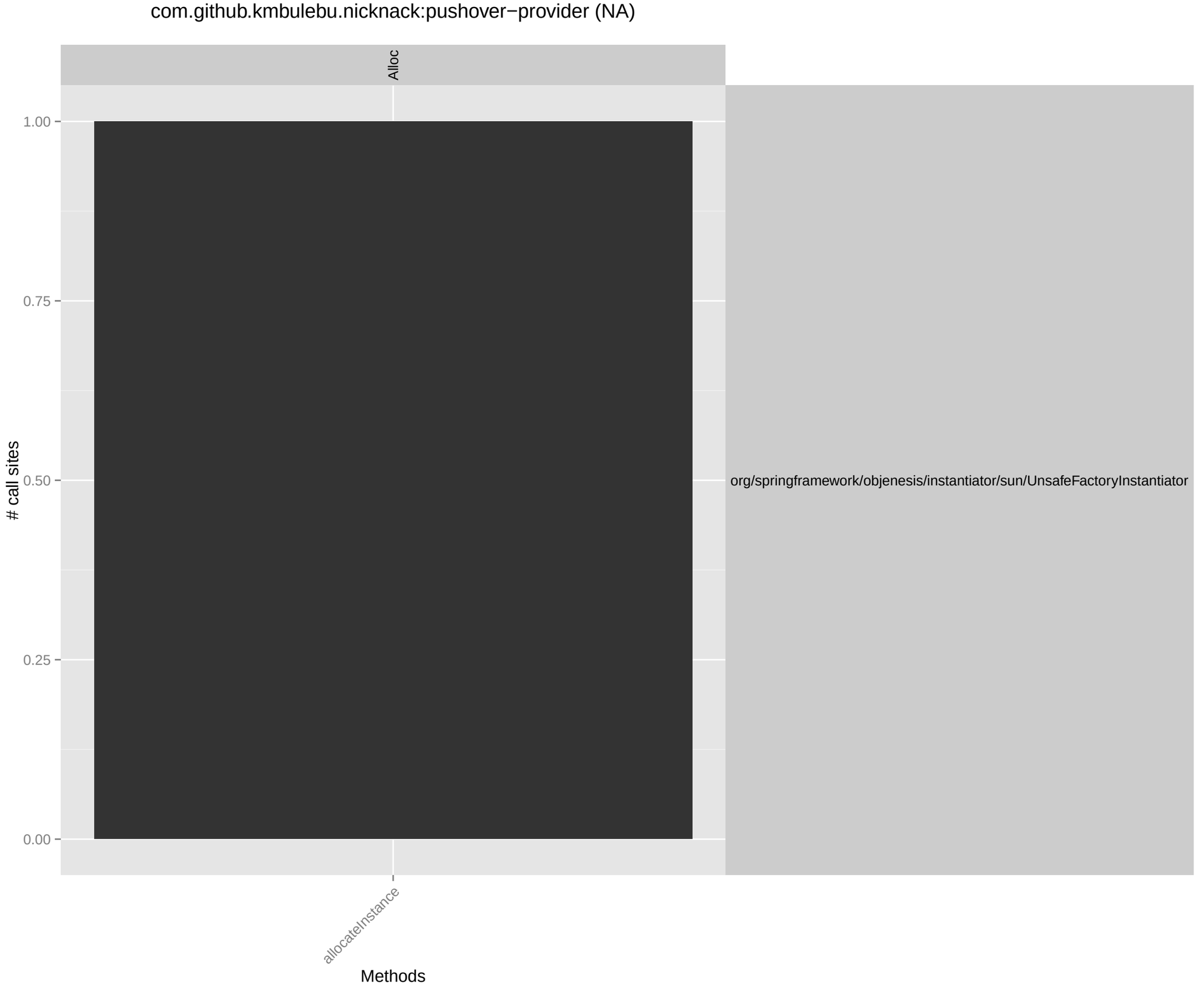

com.github.chrisvest:stormpot (NA)
CAS
Offset
Put Lazy
stormpot/PaddedAtomicInteger
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapInt
objectFieldOffset
putOrderedInt
Methods

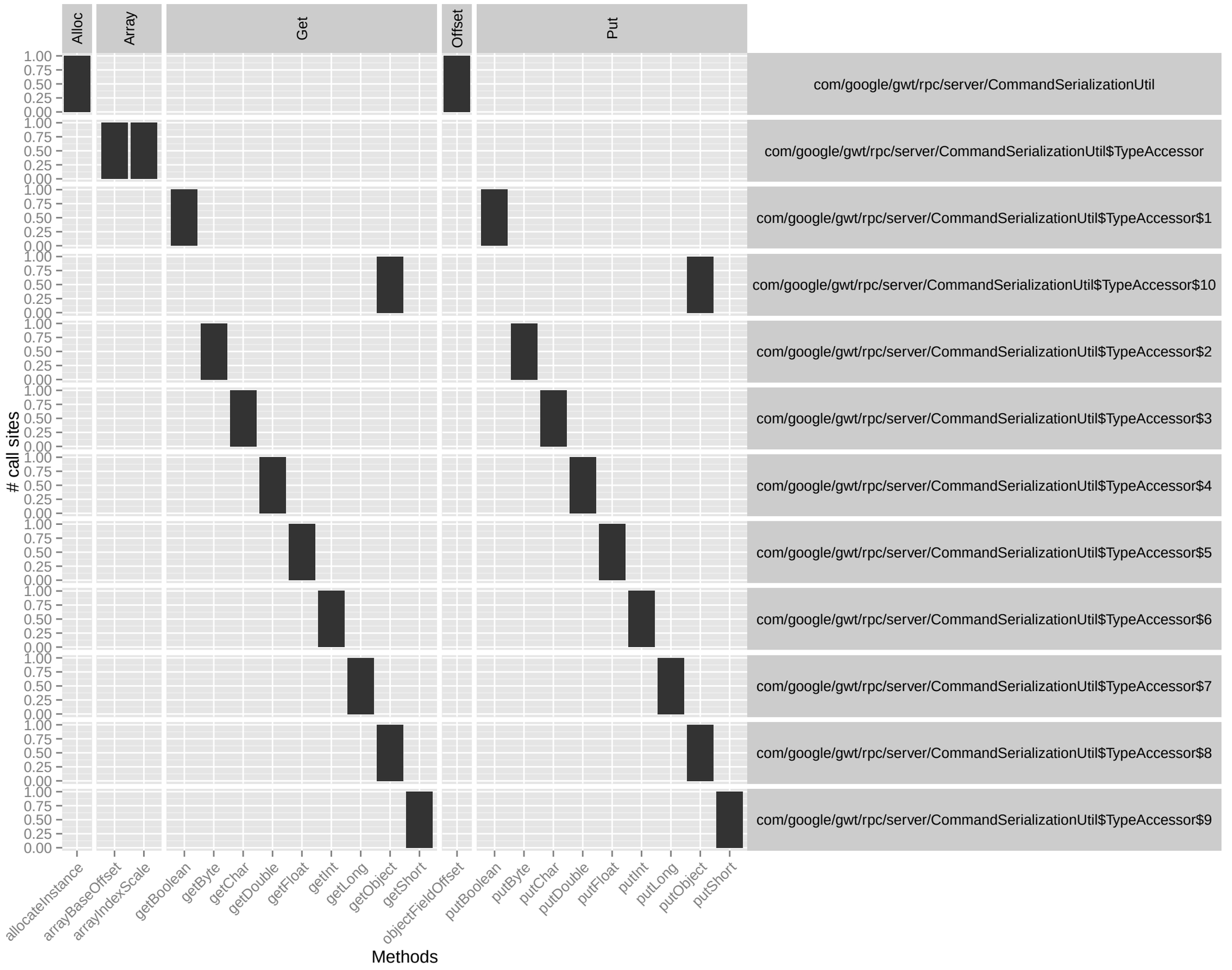

com.github.indykish:megam_common_2.10 (NA)
CAS
Offset
org/megam/util/Promise
org/megam/util/Promise$
call sites
30
20
10
0
compareAndSwapObject
objectFieldOffset
Methods

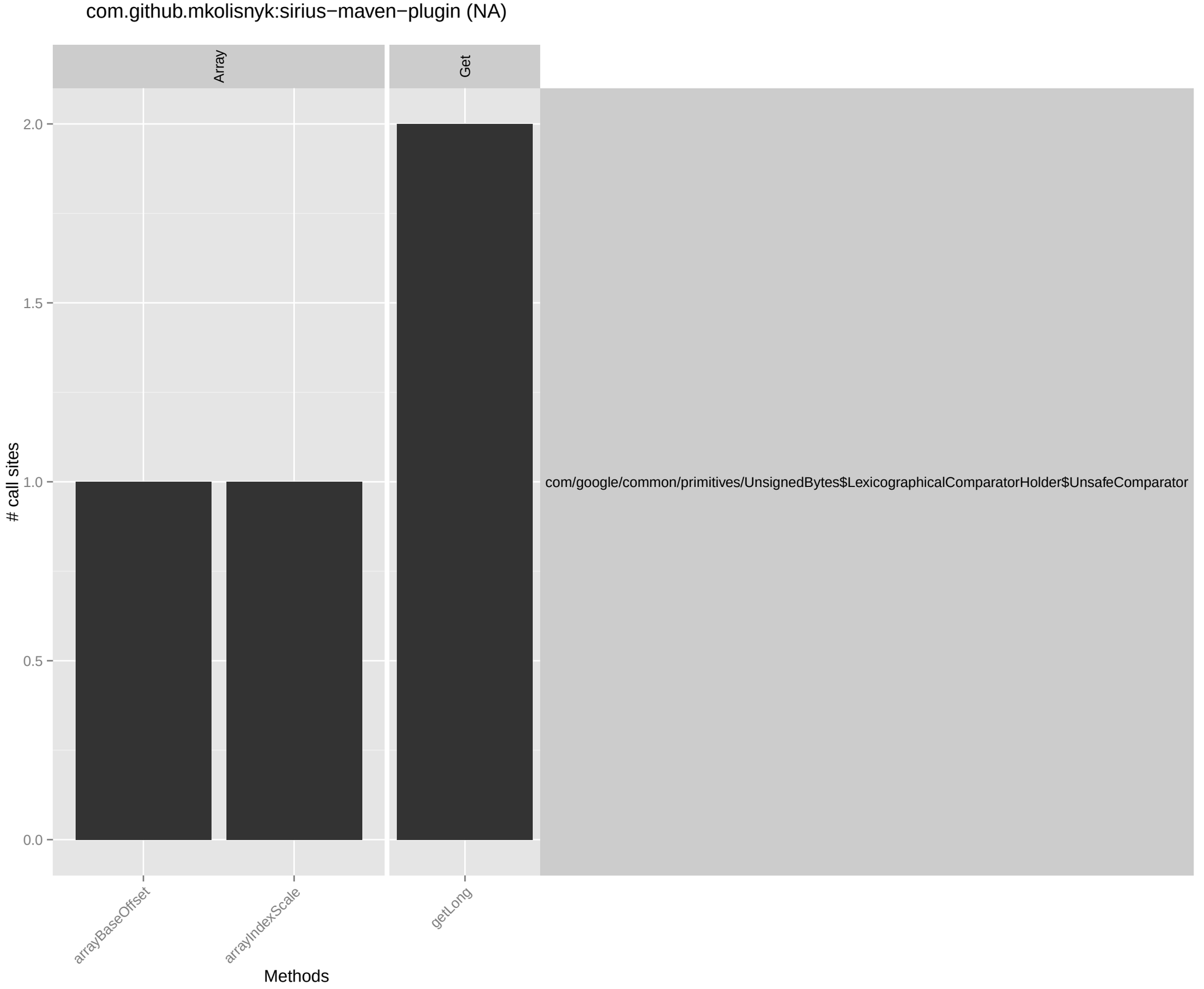

com.github.jknack:amd4j−tool (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

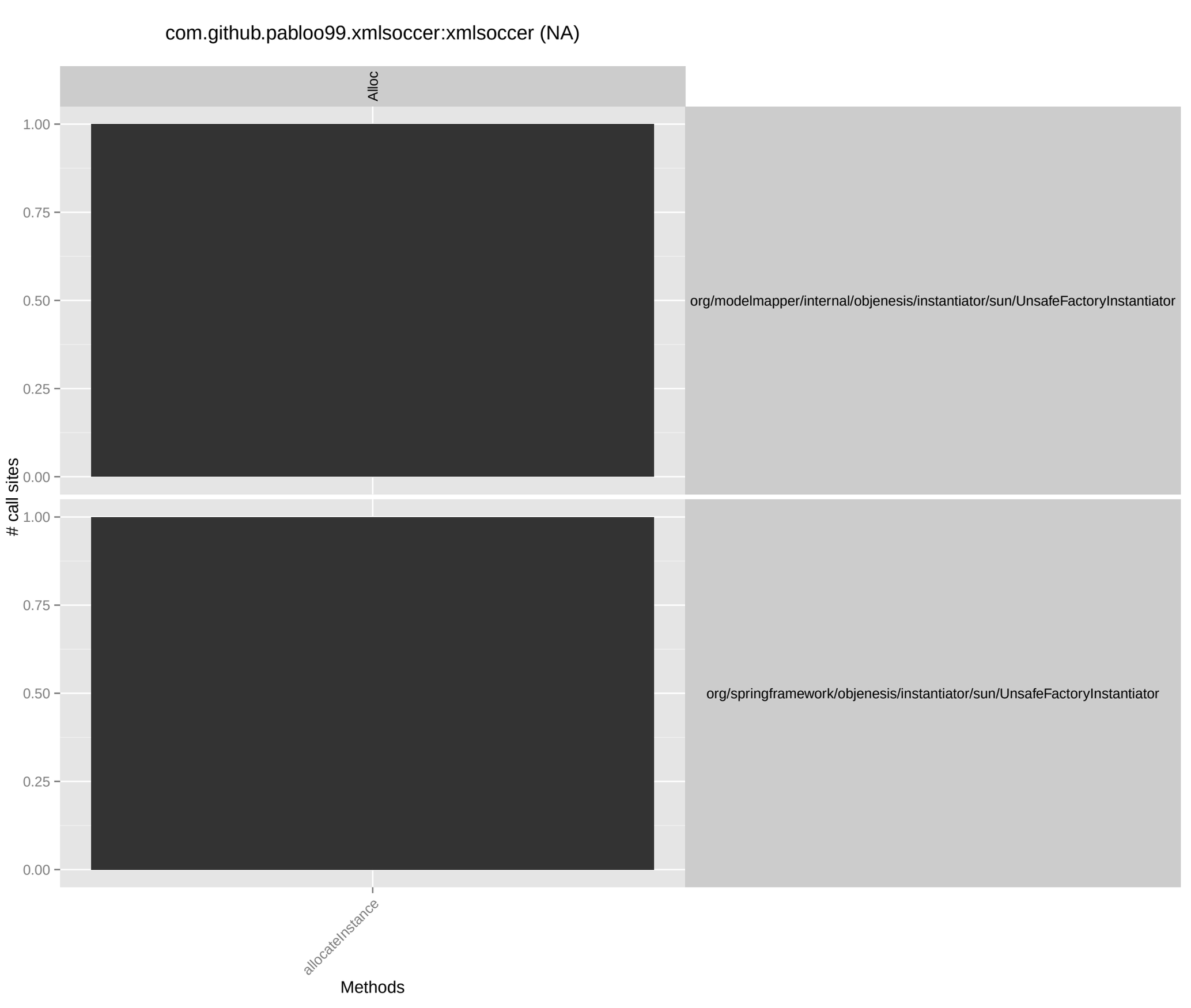

com.github.jknack:handlebars−proto (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

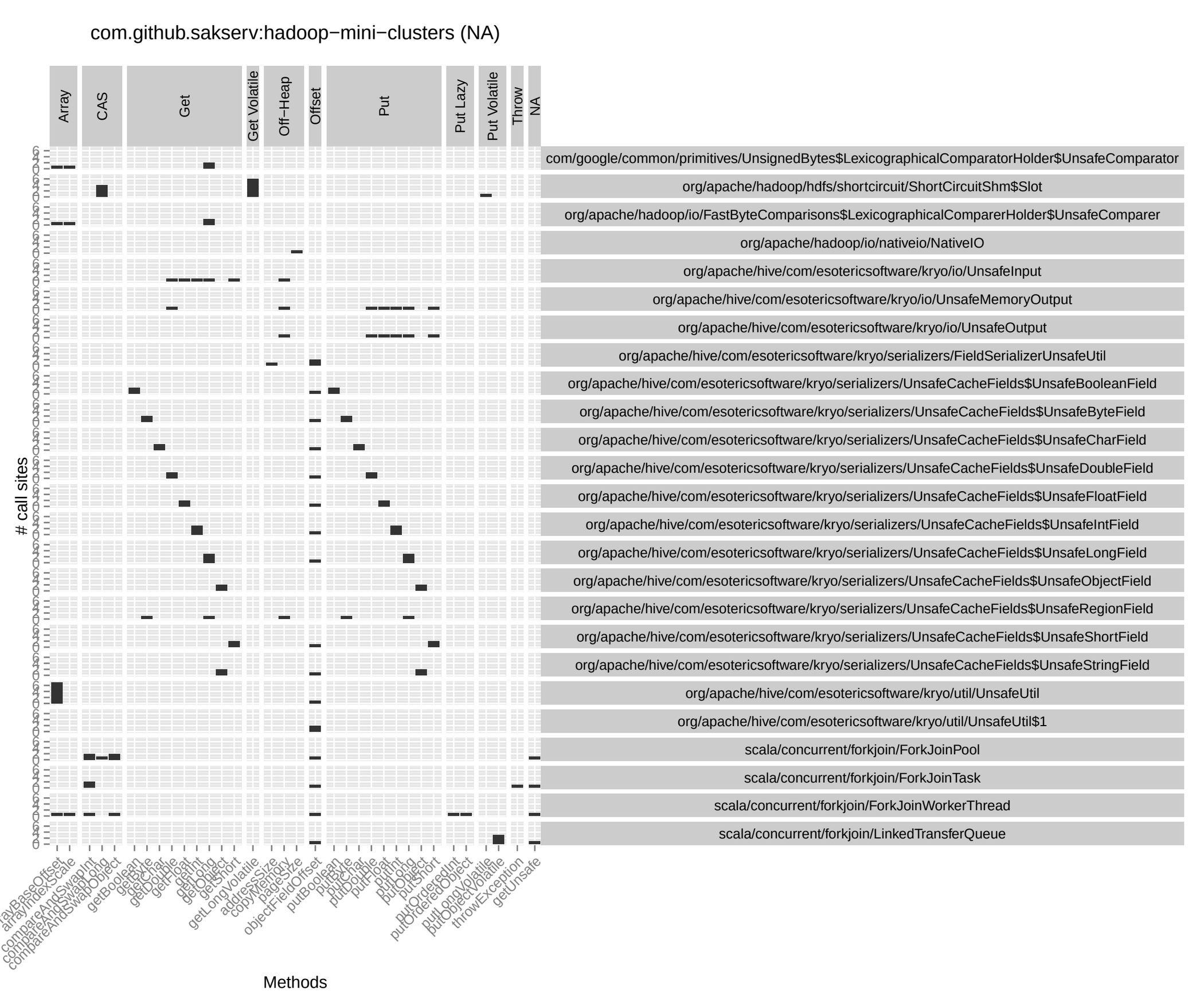

com.github.kmbulebu.nicknack:dsc−it100−provider (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
rx/internal/util/unsafe/ConcurrentCircularArrayQueue
rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue
rx/internal/util/unsafe/MpmcArrayQueueConsumerField
rx/internal/util/unsafe/MpmcArrayQueueProducerField
rx/internal/util/unsafe/SpmcArrayQueueConsumerField
rx/internal/util/unsafe/SpmcArrayQueueProducerField
rx/internal/util/unsafe/SpscArrayQueueConsumerField
rx/internal/util/unsafe/SpscArrayQueueProducerFields
rx/internal/util/unsafe/UnsafeAccess
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

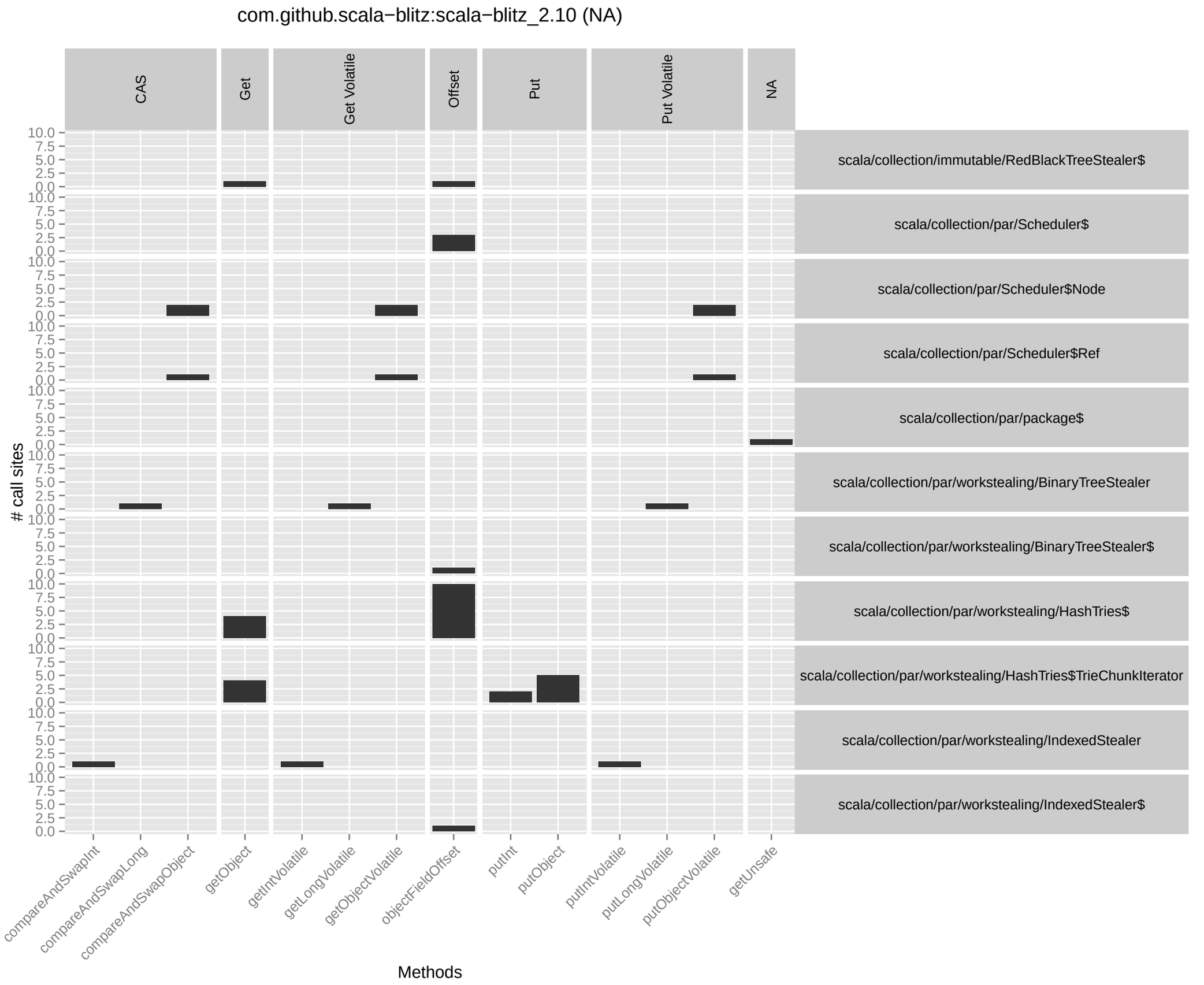

com.github.kmbulebu.nicknack:pushover−provider (NA)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

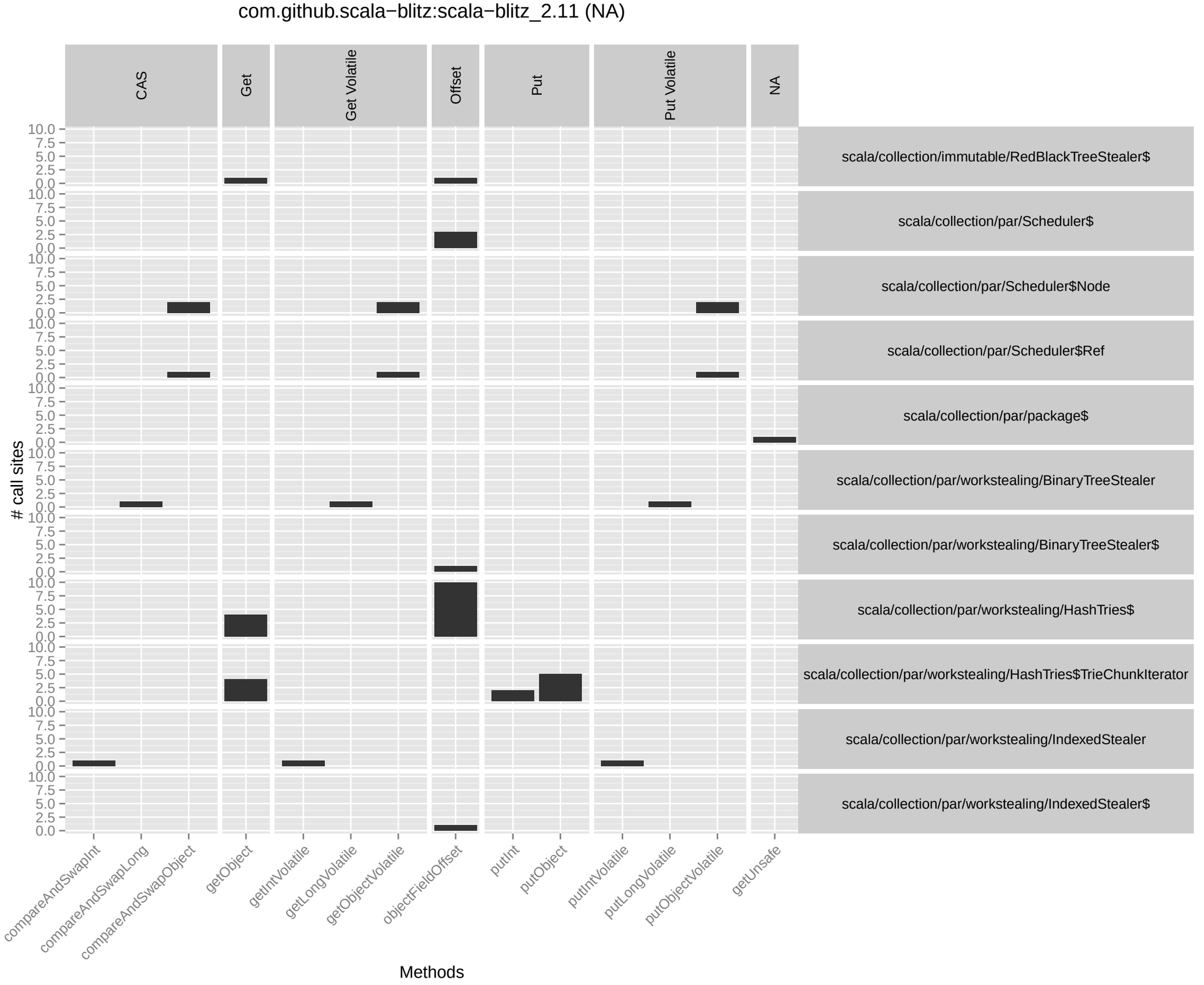

com.github.livesense:org.liveSense.framework.gwt (NA)
Alloc
Array
Get
Offset
Put
com/google/gwt/rpc/server/CommandSerializationUtil
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$1
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$10
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$2
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$3
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$4
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$5
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$6
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$7
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$8
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$9
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

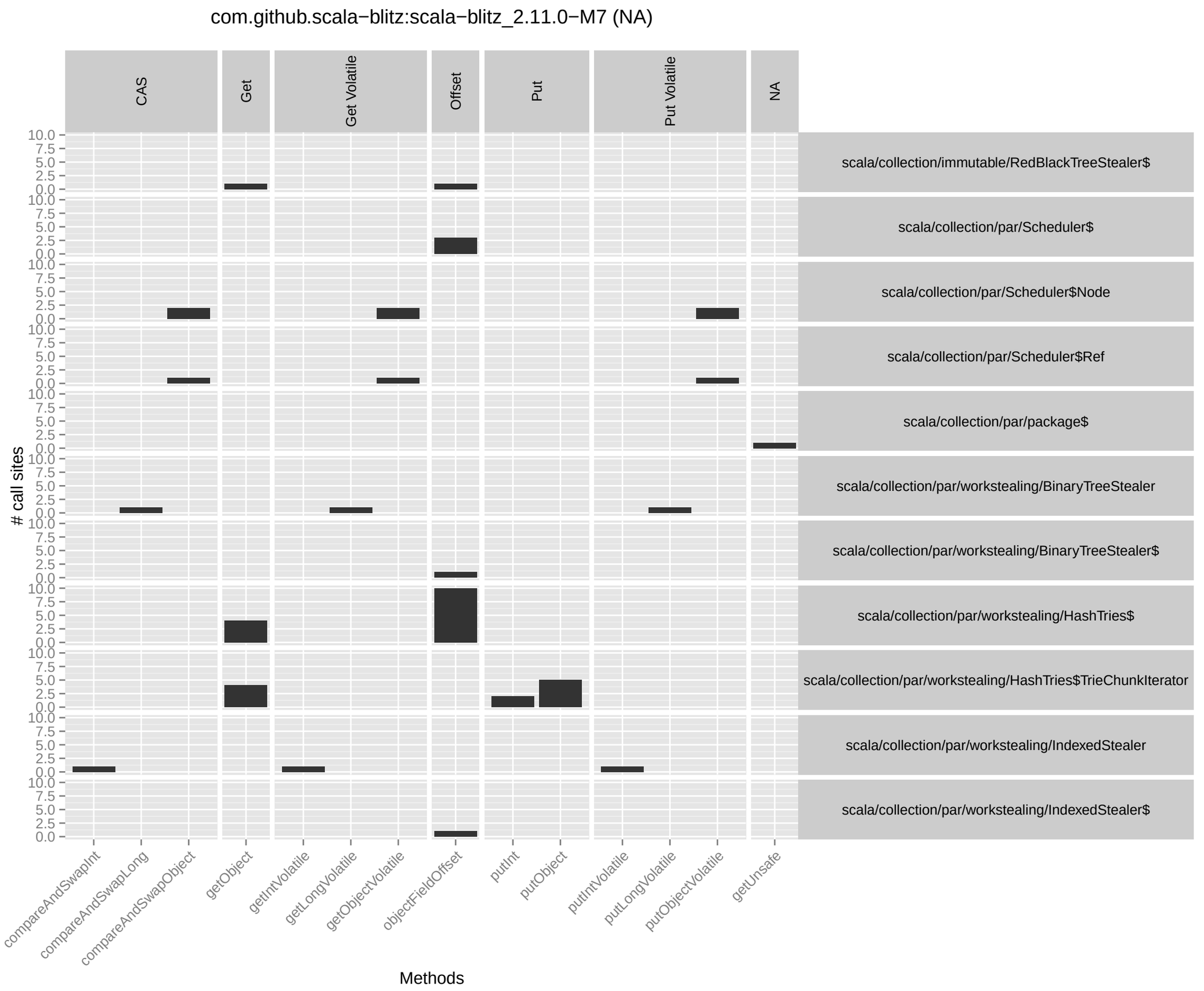

com.github.mkolisnyk:sirius−maven−plugin (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

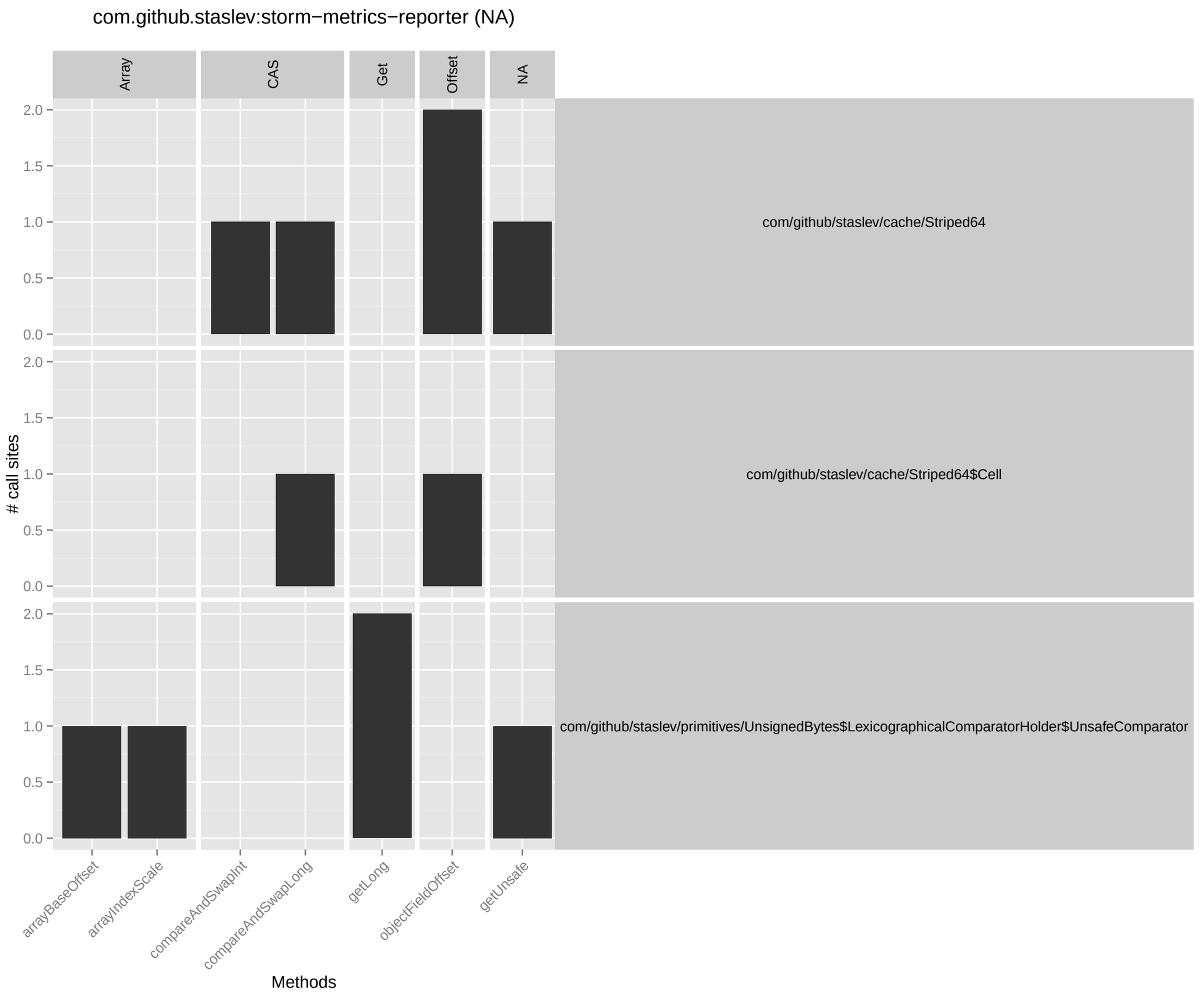

com.github.pabloo99.xmlsoccer:xmlsoccer (NA)
Alloc
org/modelmapper/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
Methods

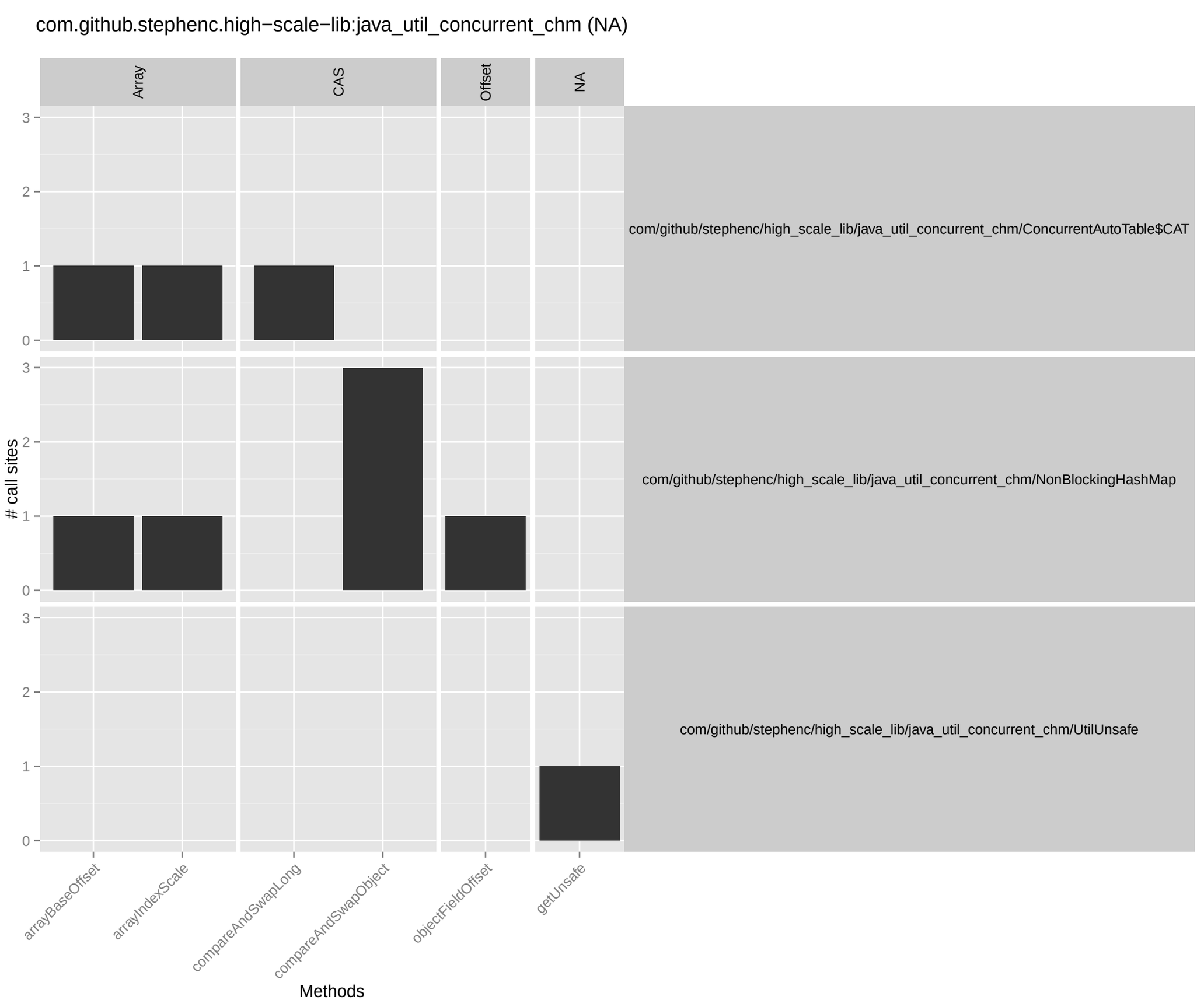

com.github.sakserv:hadoop−mini−clusters (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/hadoop/hdfs/shortcircuit/ShortCircuitShm$Slot
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryOutput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeOutput
org/apache/hive/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil$1
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getLongVolatile
addressSize
copyMemory
pageSize
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

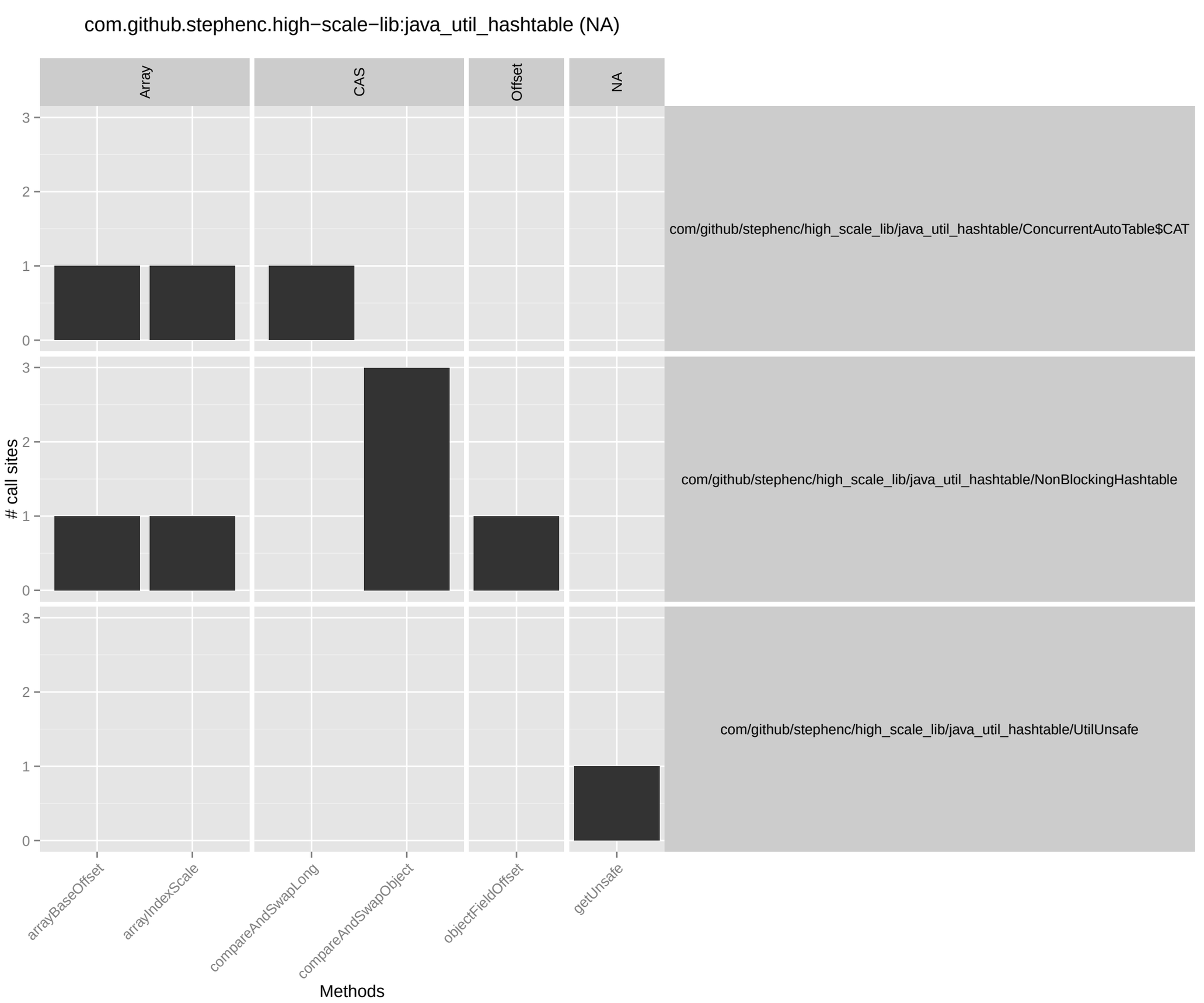

com.github.scala−blitz:scala−blitz_2.10 (NA)
CAS
Get
Get Volatile
Offset
Put
Put Volatile
NA
scala/collection/immutable/RedBlackTreeStealer$
scala/collection/par/Scheduler$
scala/collection/par/Scheduler$Node
scala/collection/par/Scheduler$Ref
scala/collection/par/package$
scala/collection/par/workstealing/BinaryTreeStealer
scala/collection/par/workstealing/BinaryTreeStealer$
scala/collection/par/workstealing/HashTries$
scala/collection/par/workstealing/HashTries$TrieChunkIterator
scala/collection/par/workstealing/IndexedStealer
scala/collection/par/workstealing/IndexedStealer$
call sites
0.0
2.5
5.0
7.5
10.0
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putInt
putObject
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

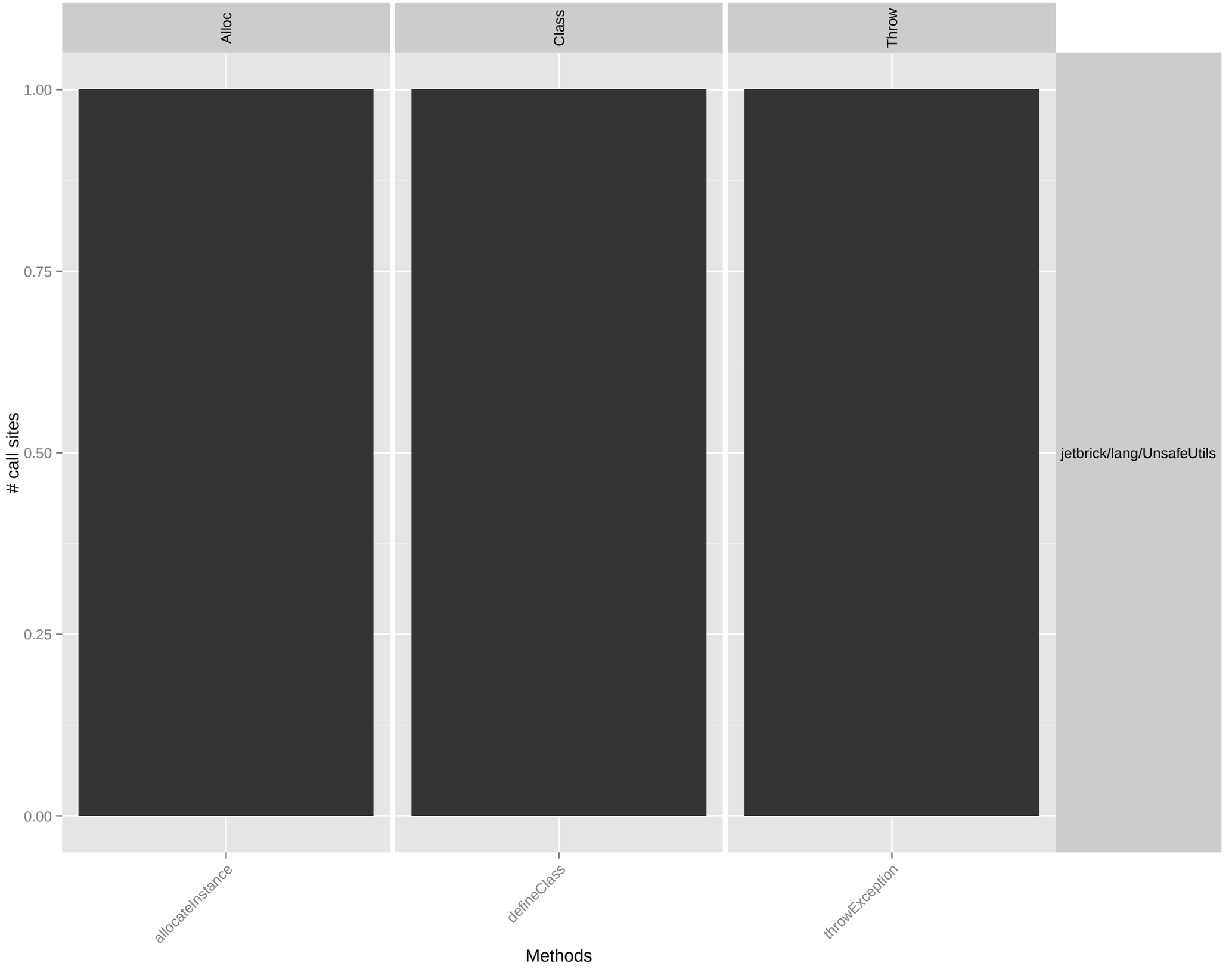

com.github.scala−blitz:scala−blitz_2.11 (NA)
CAS
Get
Get Volatile
Offset
Put
Put Volatile
NA
scala/collection/immutable/RedBlackTreeStealer$
scala/collection/par/Scheduler$
scala/collection/par/Scheduler$Node
scala/collection/par/Scheduler$Ref
scala/collection/par/package$
scala/collection/par/workstealing/BinaryTreeStealer
scala/collection/par/workstealing/BinaryTreeStealer$
scala/collection/par/workstealing/HashTries$
scala/collection/par/workstealing/HashTries$TrieChunkIterator
scala/collection/par/workstealing/IndexedStealer
scala/collection/par/workstealing/IndexedStealer$
call sites
0.0
2.5
5.0
7.5
10.0
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putInt
putObject
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

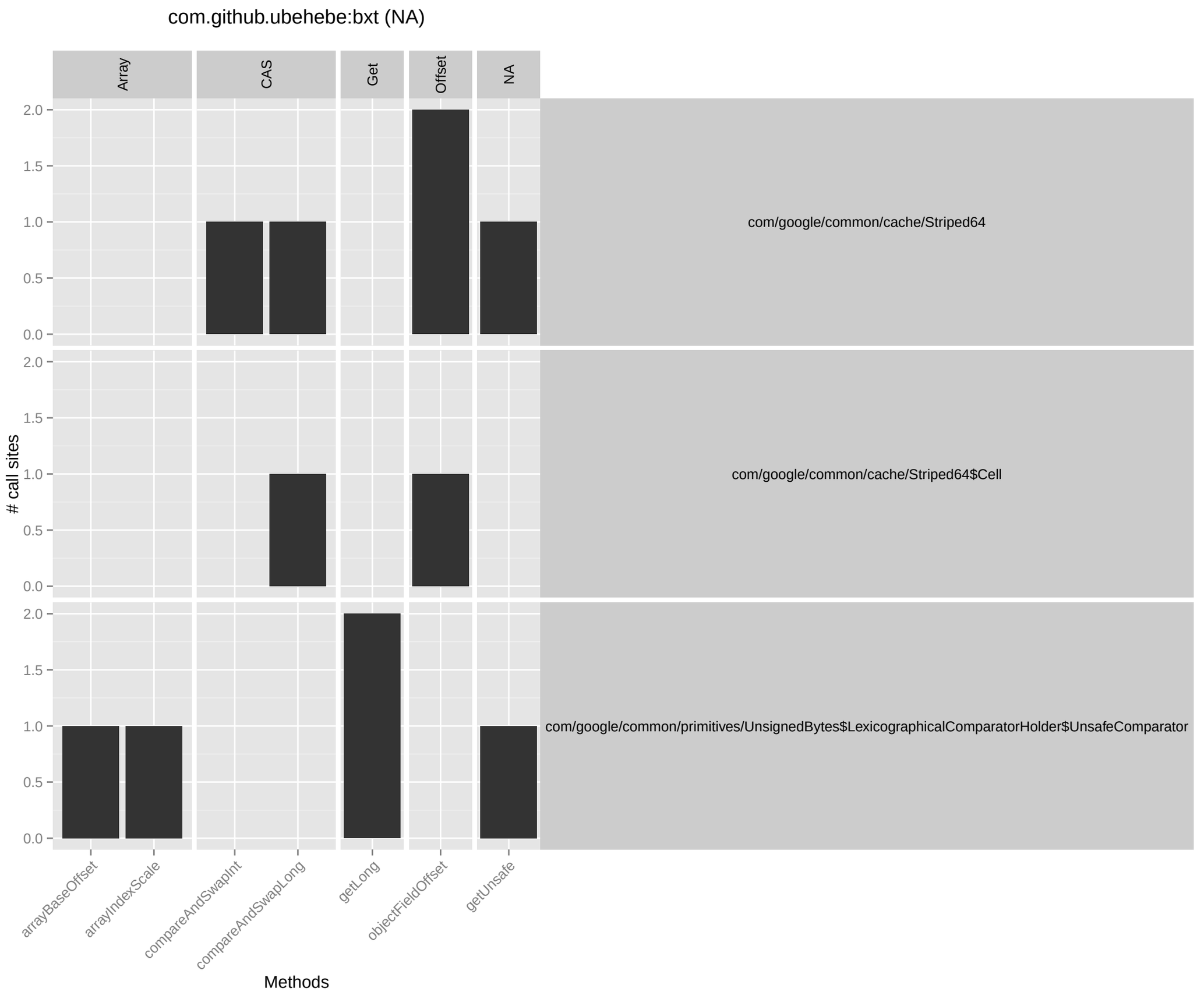

com.github.scala−blitz:scala−blitz_2.11.0−M7 (NA)
CAS
Get
Get Volatile
Offset
Put
Put Volatile
NA
scala/collection/immutable/RedBlackTreeStealer$
scala/collection/par/Scheduler$
scala/collection/par/Scheduler$Node
scala/collection/par/Scheduler$Ref
scala/collection/par/package$
scala/collection/par/workstealing/BinaryTreeStealer
scala/collection/par/workstealing/BinaryTreeStealer$
scala/collection/par/workstealing/HashTries$
scala/collection/par/workstealing/HashTries$TrieChunkIterator
scala/collection/par/workstealing/IndexedStealer
scala/collection/par/workstealing/IndexedStealer$
call sites
0.0
2.5
5.0
7.5
10.0
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putInt
putObject
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

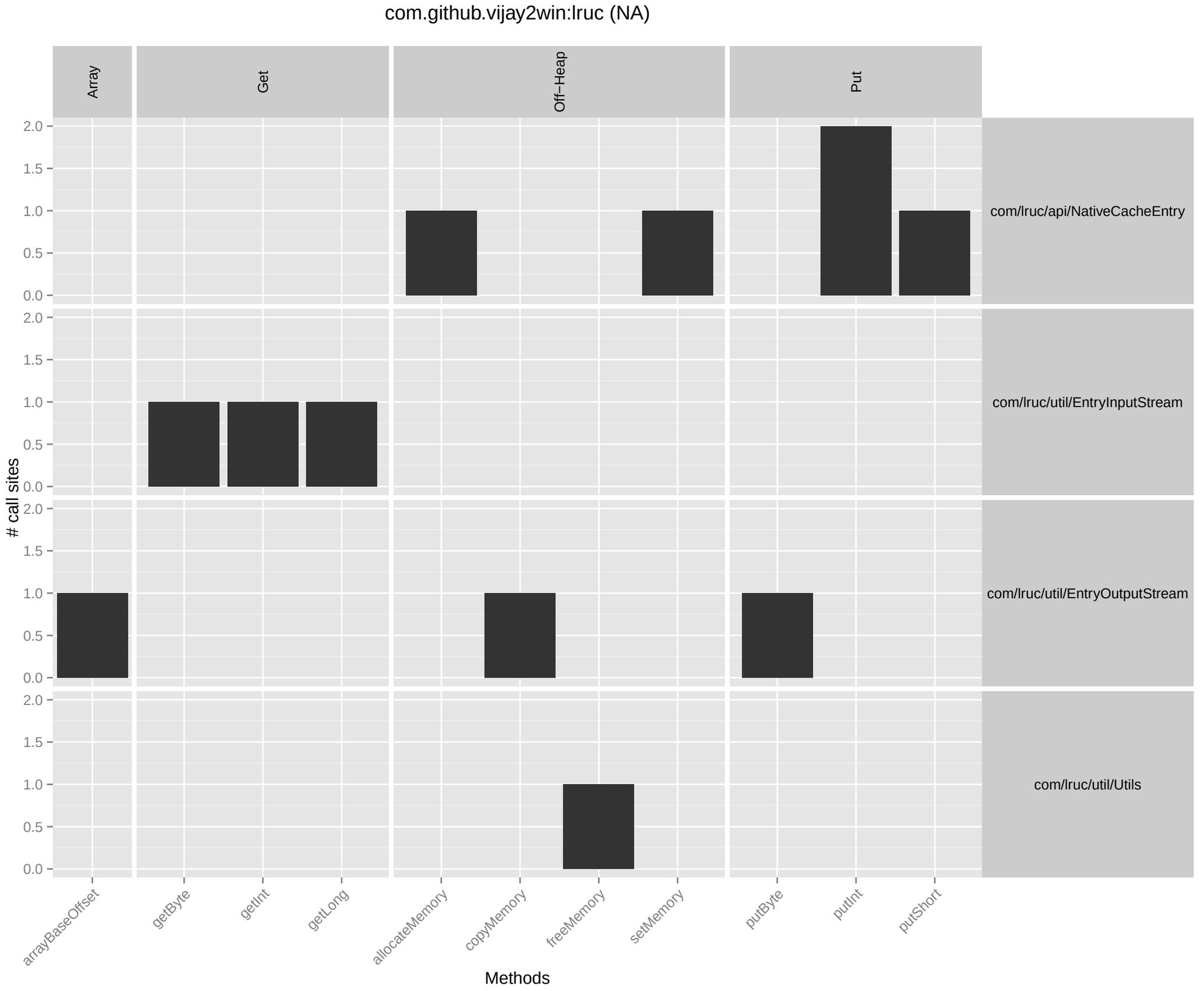

com.github.staslev:storm−metrics−reporter (NA)
Array
CAS
Get
Offset
NA
com/github/staslev/cache/Striped64
com/github/staslev/cache/Striped64$Cell
com/github/staslev/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

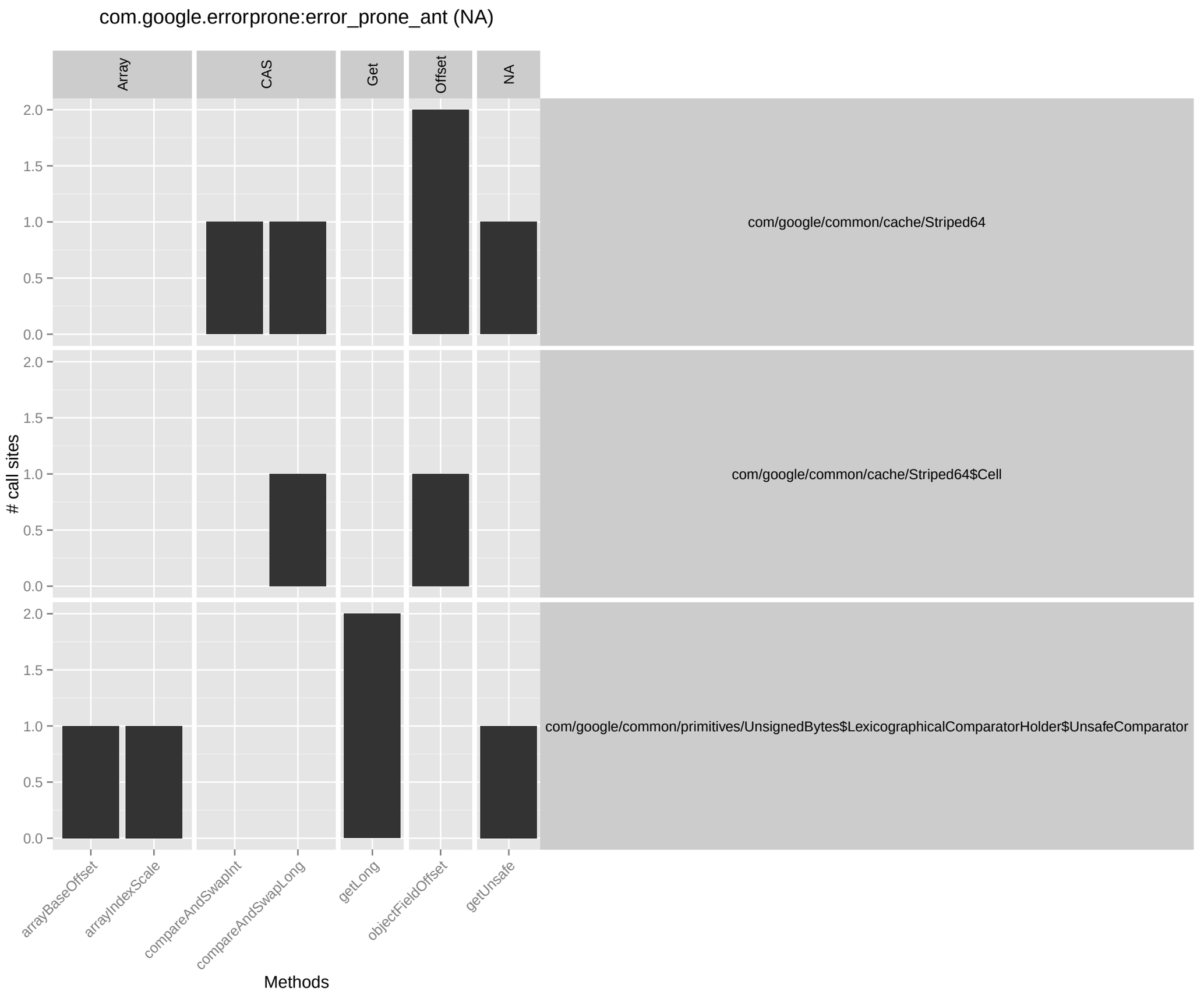

com.github.stephenc.high−scale−lib:java_util_concurrent_chm (NA)
Array
CAS
Offset
NA
com/github/stephenc/high_scale_lib/java_util_concurrent_chm/ConcurrentAutoTable$CAT
com/github/stephenc/high_scale_lib/java_util_concurrent_chm/NonBlockingHashMap
com/github/stephenc/high_scale_lib/java_util_concurrent_chm/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

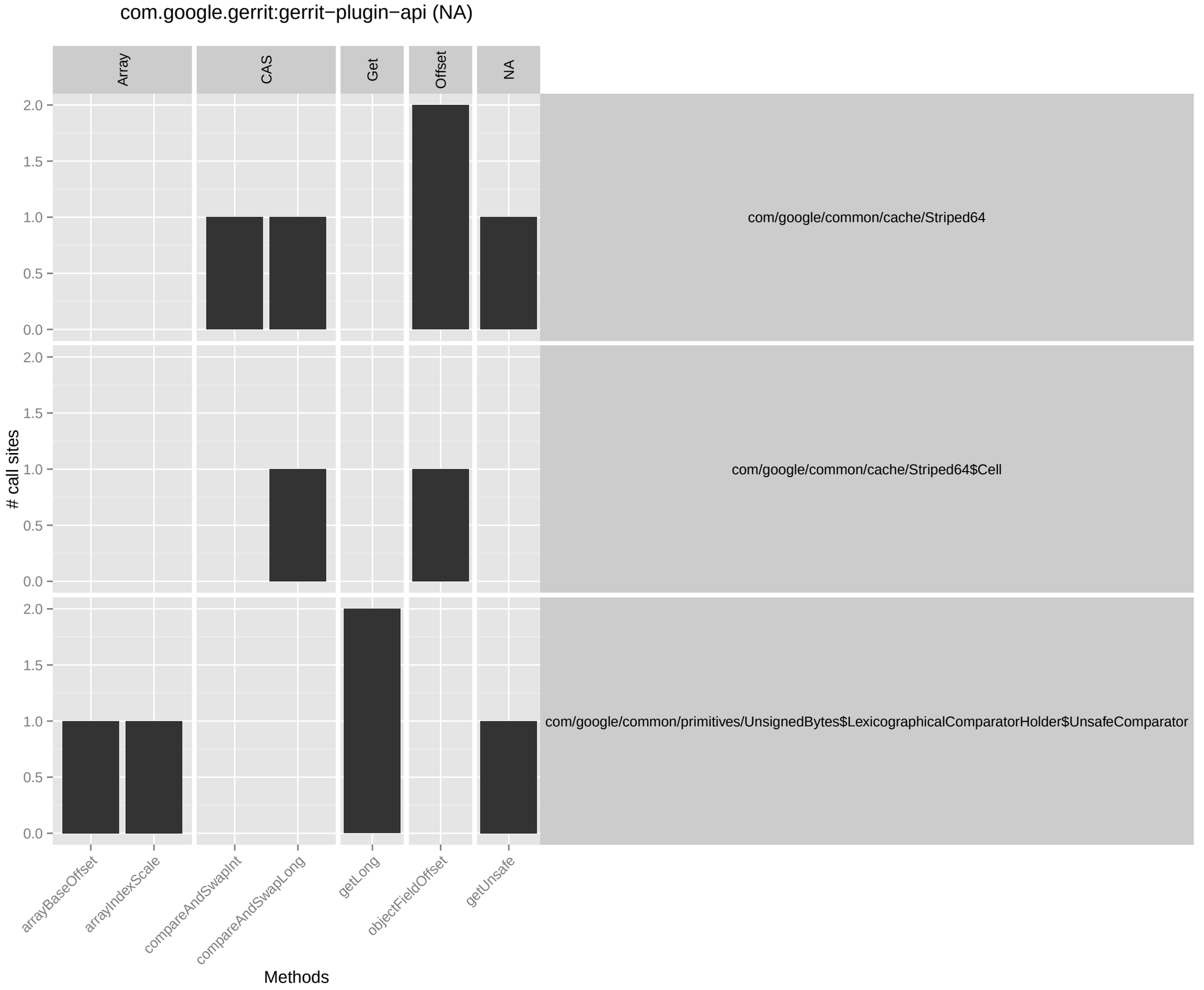

com.github.stephenc.high−scale−lib:java_util_hashtable (NA)
Array
CAS
Offset
NA
com/github/stephenc/high_scale_lib/java_util_hashtable/ConcurrentAutoTable$CAT
com/github/stephenc/high_scale_lib/java_util_hashtable/NonBlockingHashtable
com/github/stephenc/high_scale_lib/java_util_hashtable/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

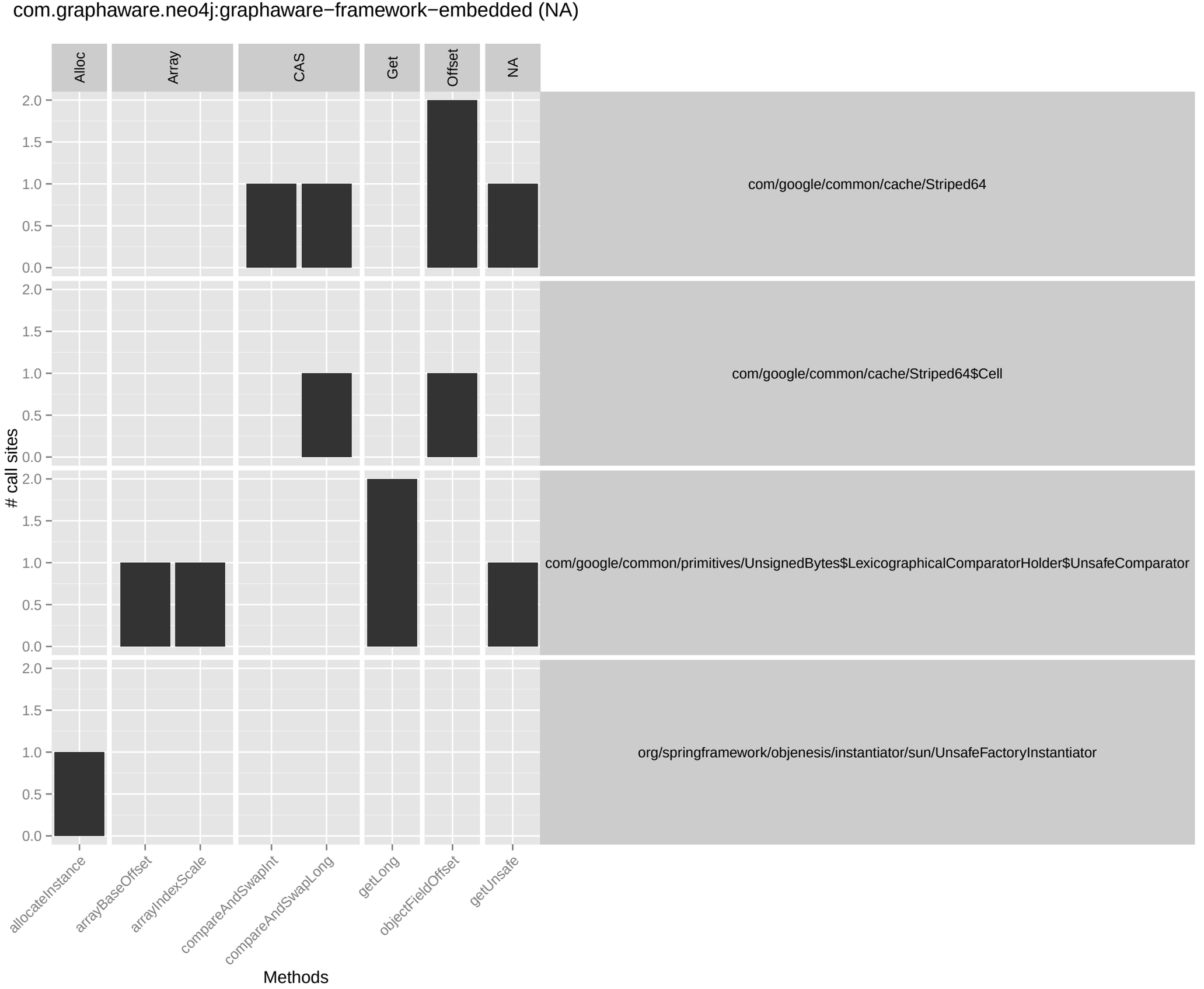

com.github.subchen:jetbrick−all (NA)
Alloc
Class
Throw
jetbrick/lang/UnsafeUtils
1.00
0.75
0.50
0.25
0.00
call sites
allocateInstance
defineClass
throwException
Methods

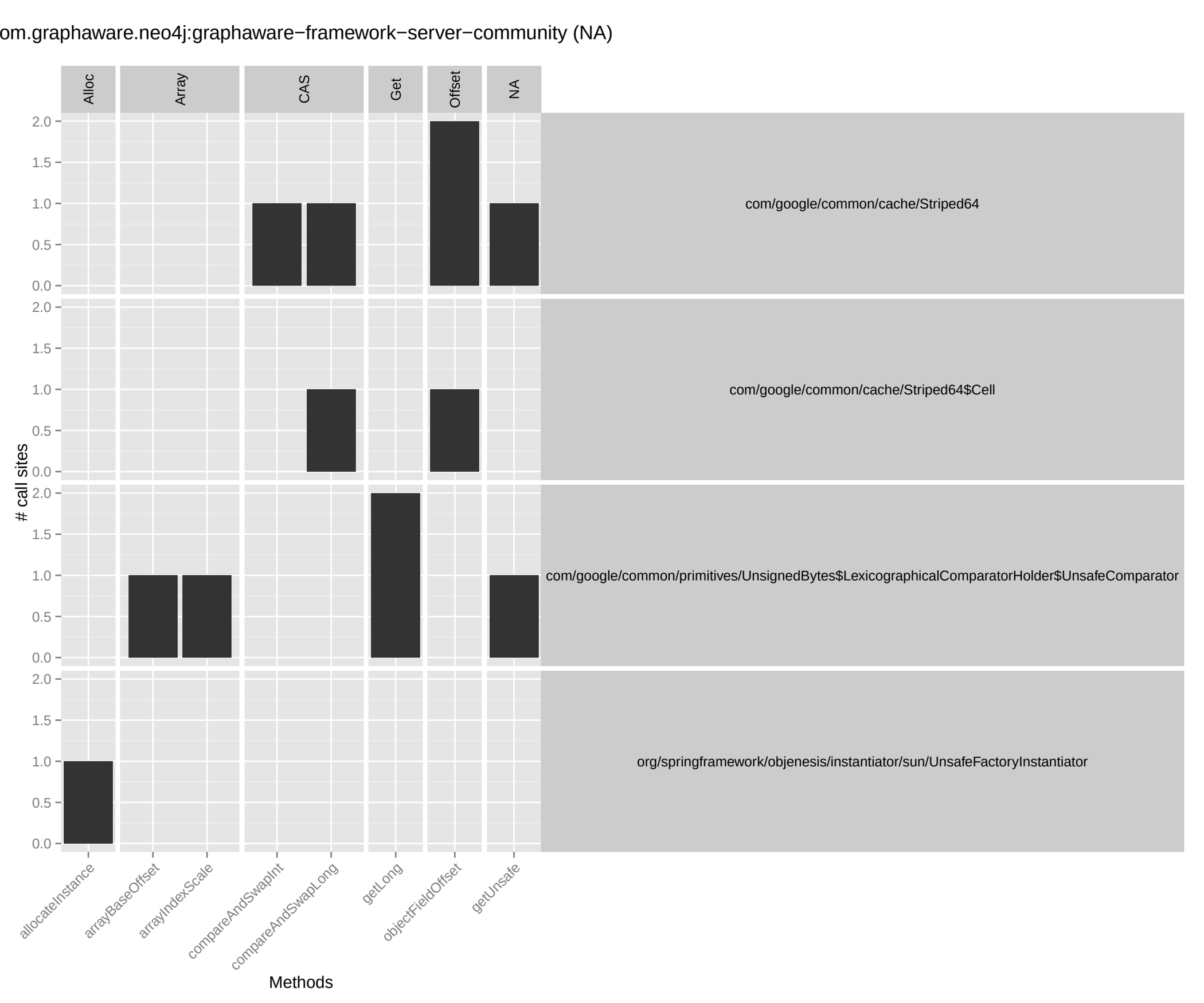

com.github.ubehebe:bxt (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods


com.github.vijay2win:lruc (NA)
Array
Get
Off−Heap
Put
com/lruc/api/NativeCacheEntry
com/lruc/util/EntryInputStream
com/lruc/util/EntryOutputStream
com/lruc/util/Utils
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
getByte
getInt
getLong
allocateMemory
copyMemory
freeMemory
setMemory
putByte
putInt
putShort
Methods

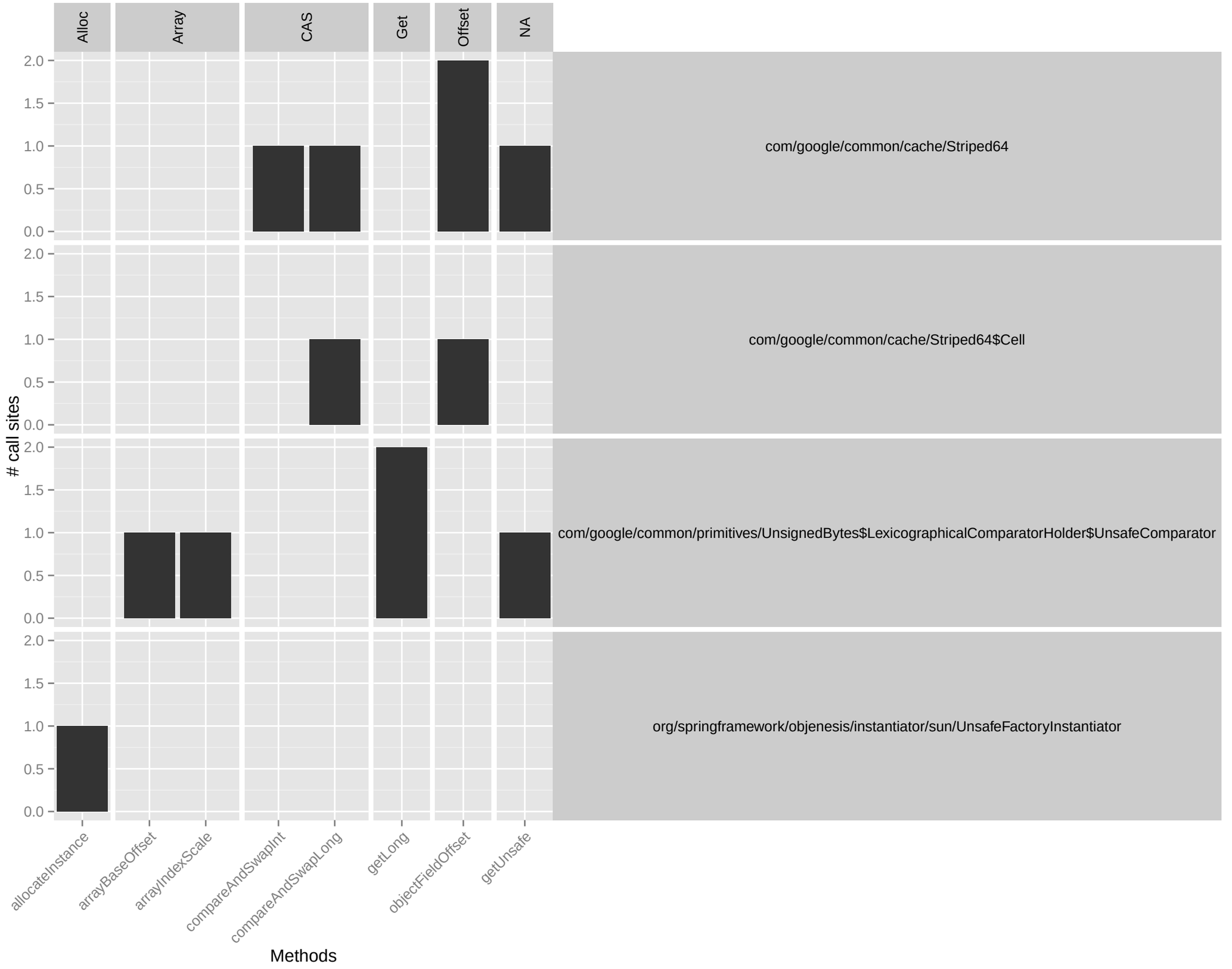

com.google.errorprone:error_prone_ant (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

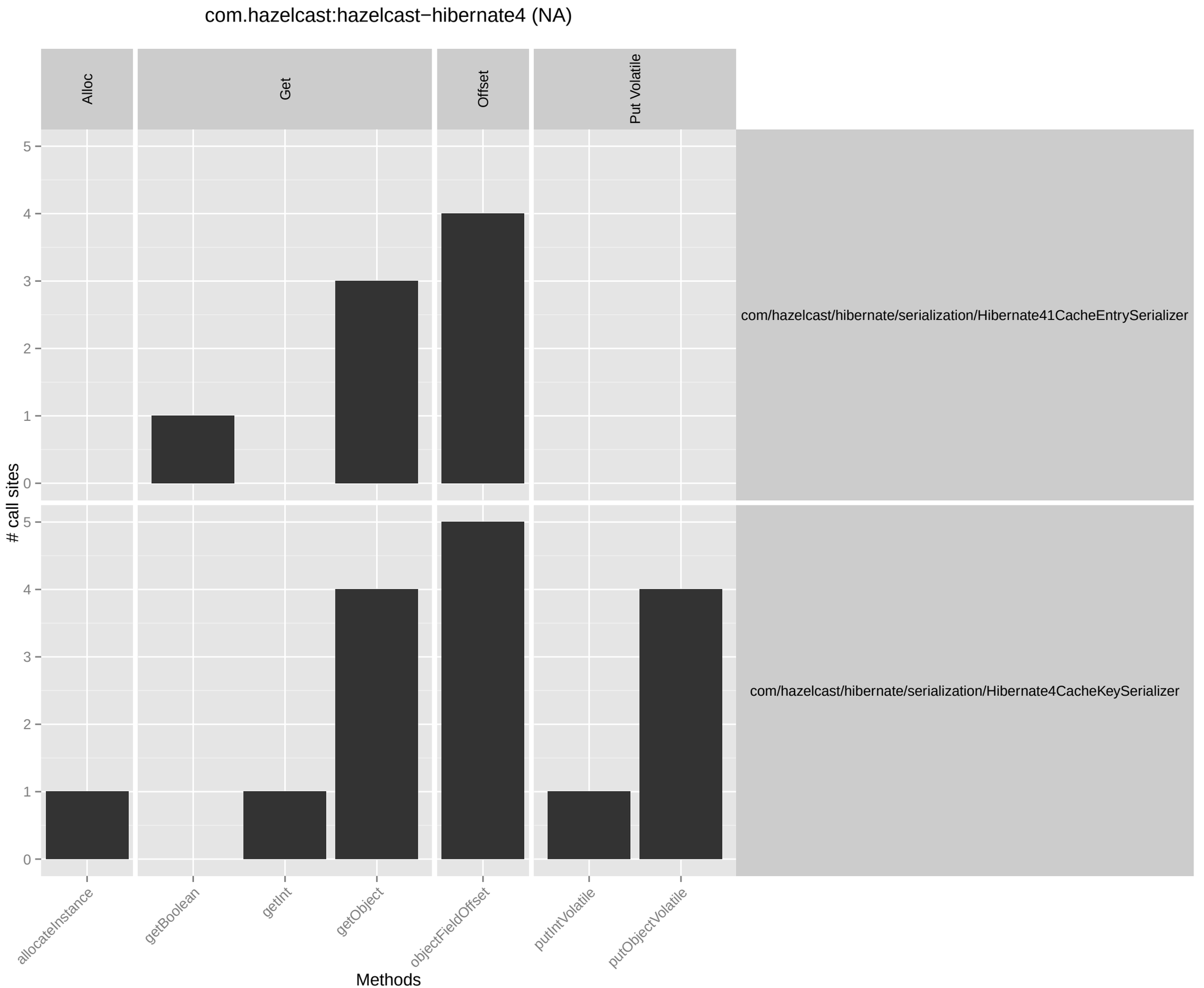

com.google.gerrit:gerrit−plugin−api (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

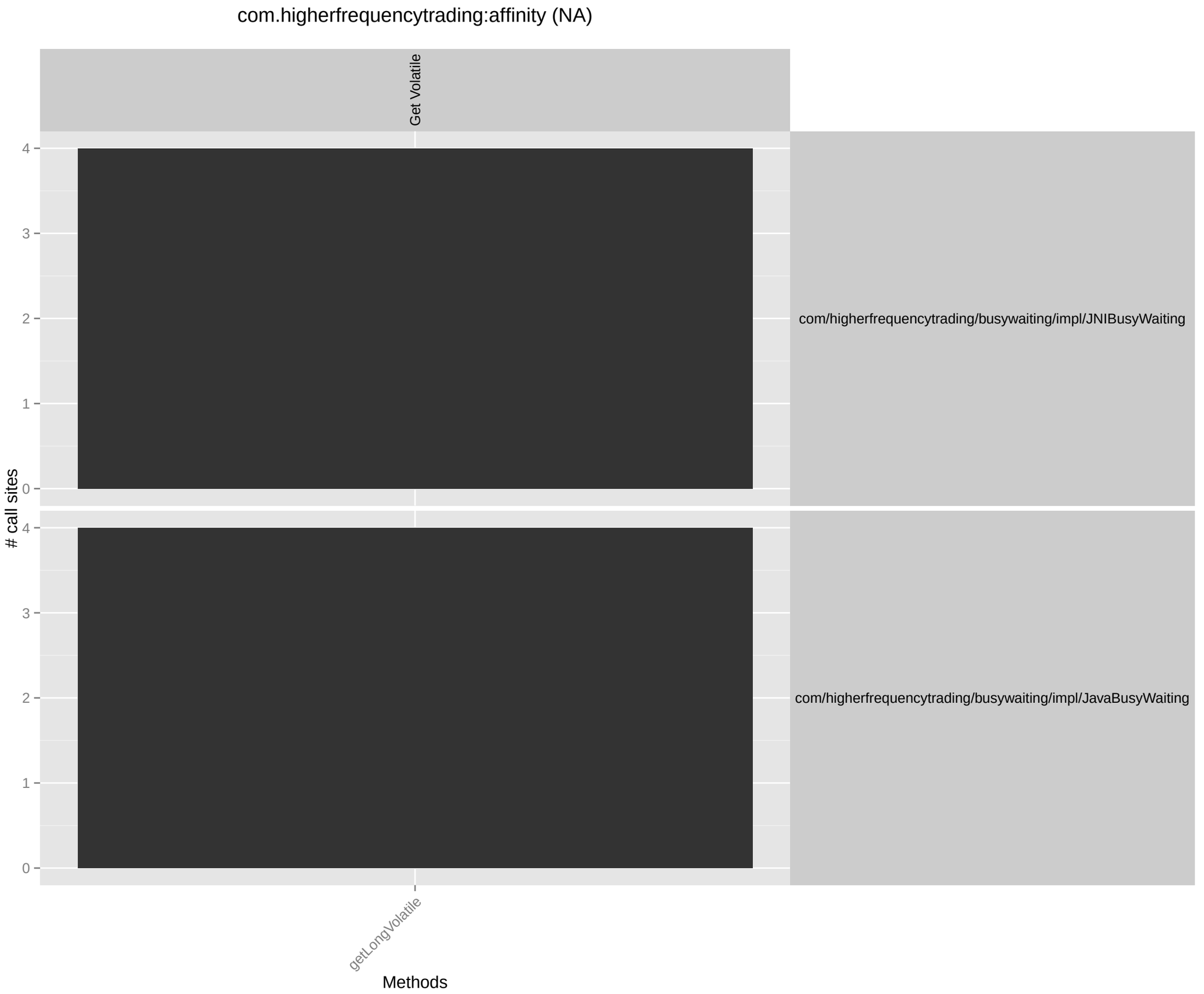

com.graphaware.neo4j:graphaware−framework−embedded (NA)
Alloc
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

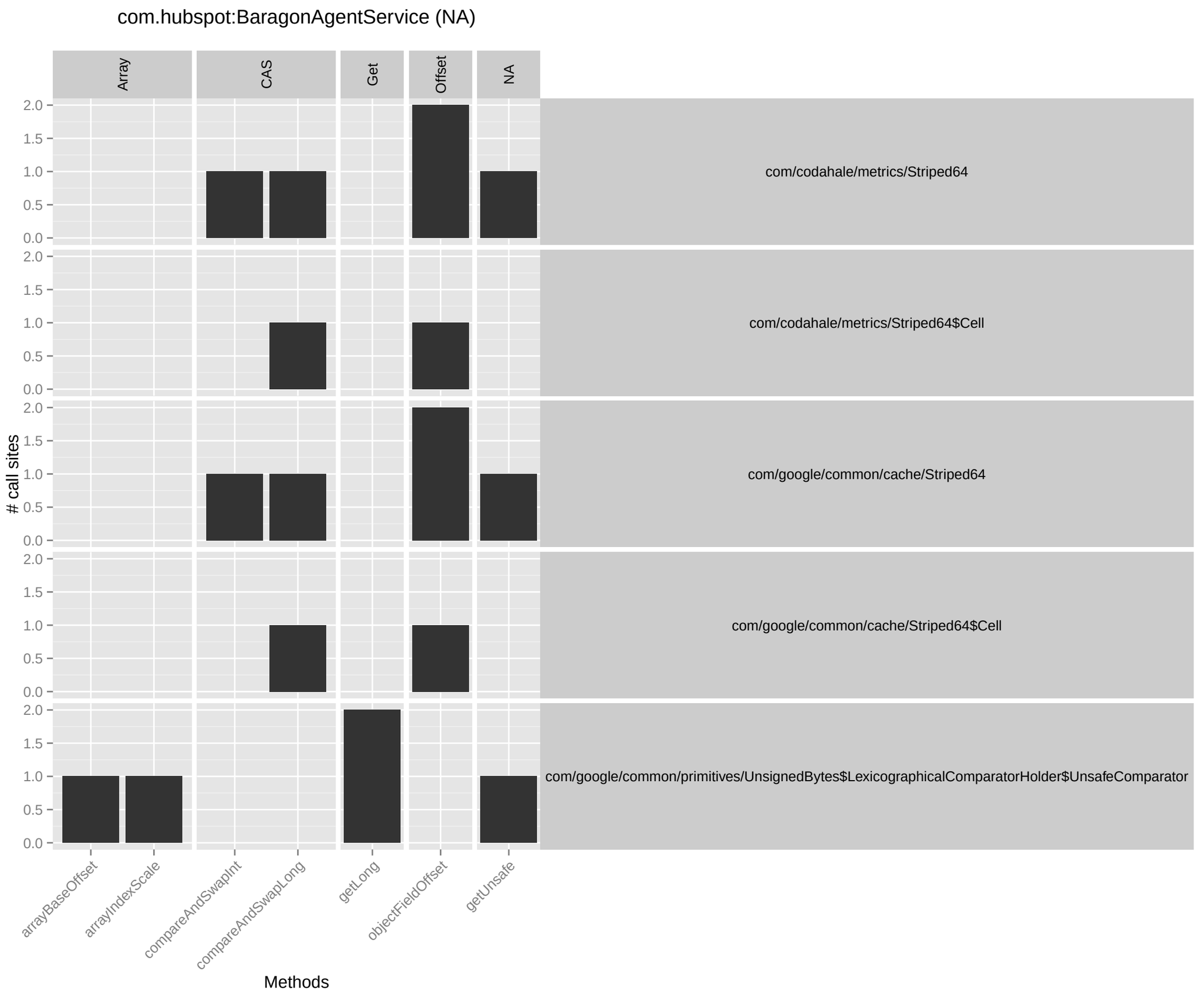

om.graphaware.neo4j:graphaware−framework−server−community (NA)
Alloc
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

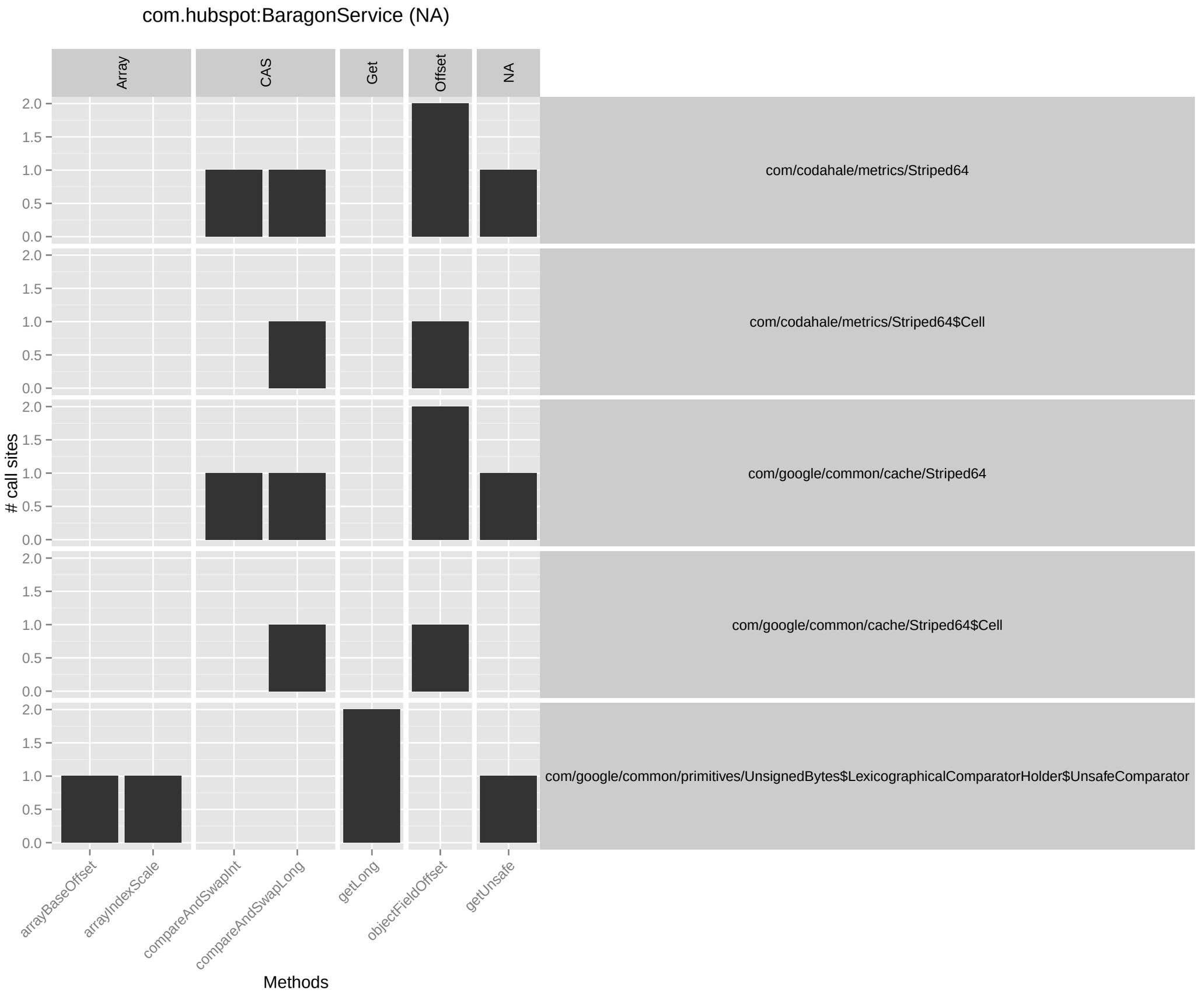
com.graphaware.neo4j:graphaware−framework−server−enterprise (NA)

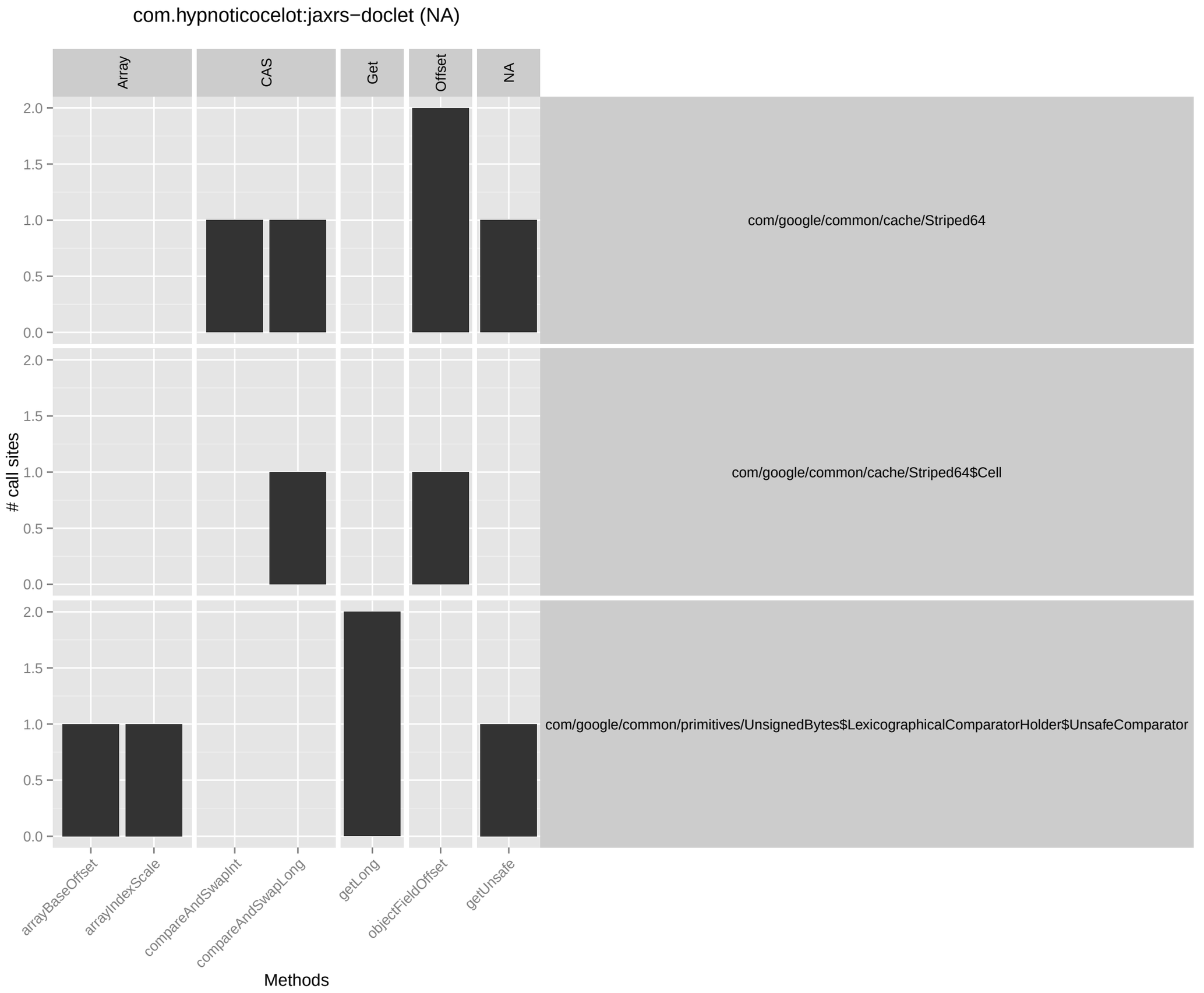


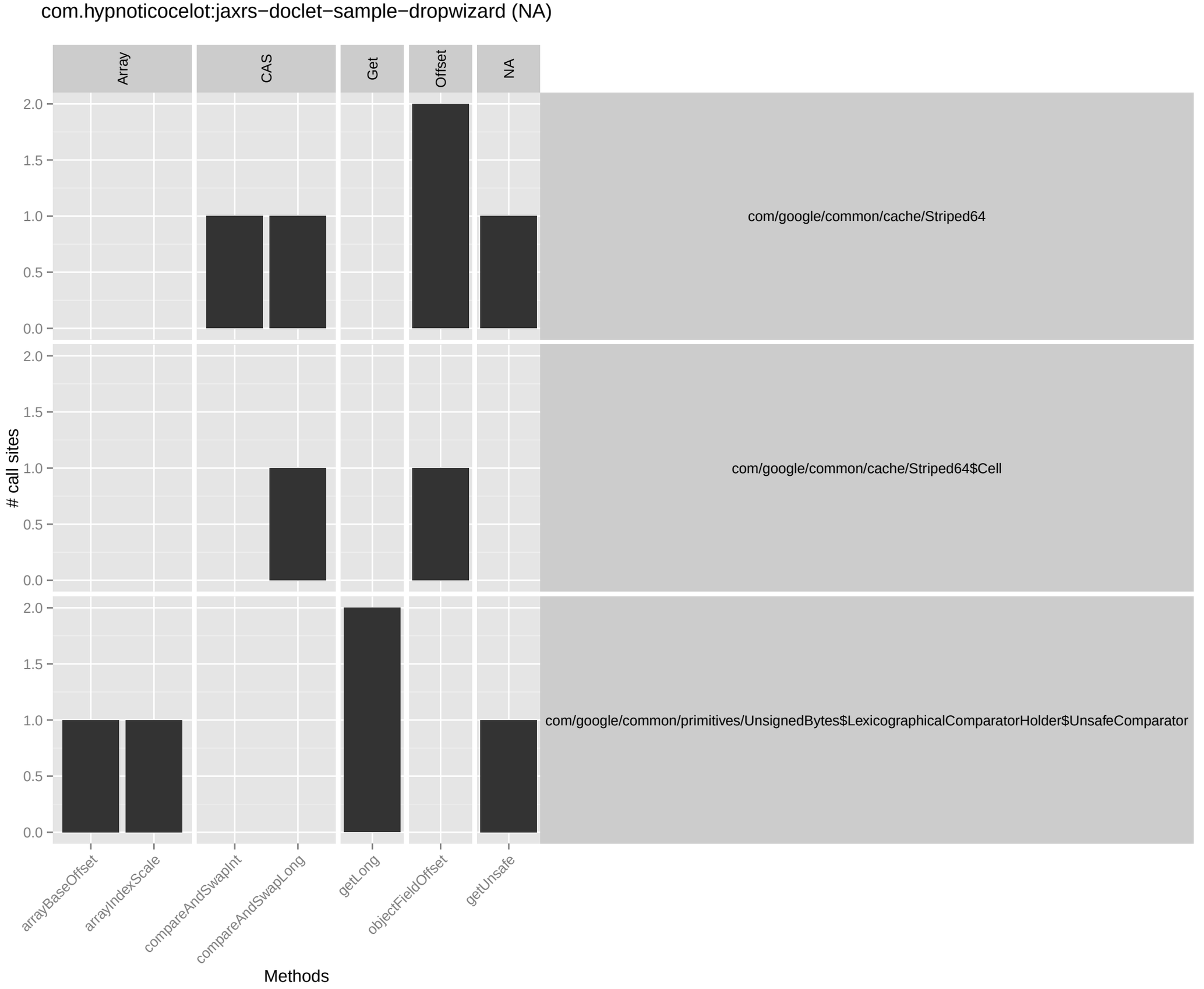

com.hazelcast:hazelcast−hibernate4 (NA)
Alloc
Get
Offset
Put Volatile
com/hazelcast/hibernate/serialization/Hibernate41CacheEntrySerializer
com/hazelcast/hibernate/serialization/Hibernate4CacheKeySerializer
call sites
0
1
2
3
4
5
allocateInstance
getBoolean
getInt
getObject
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

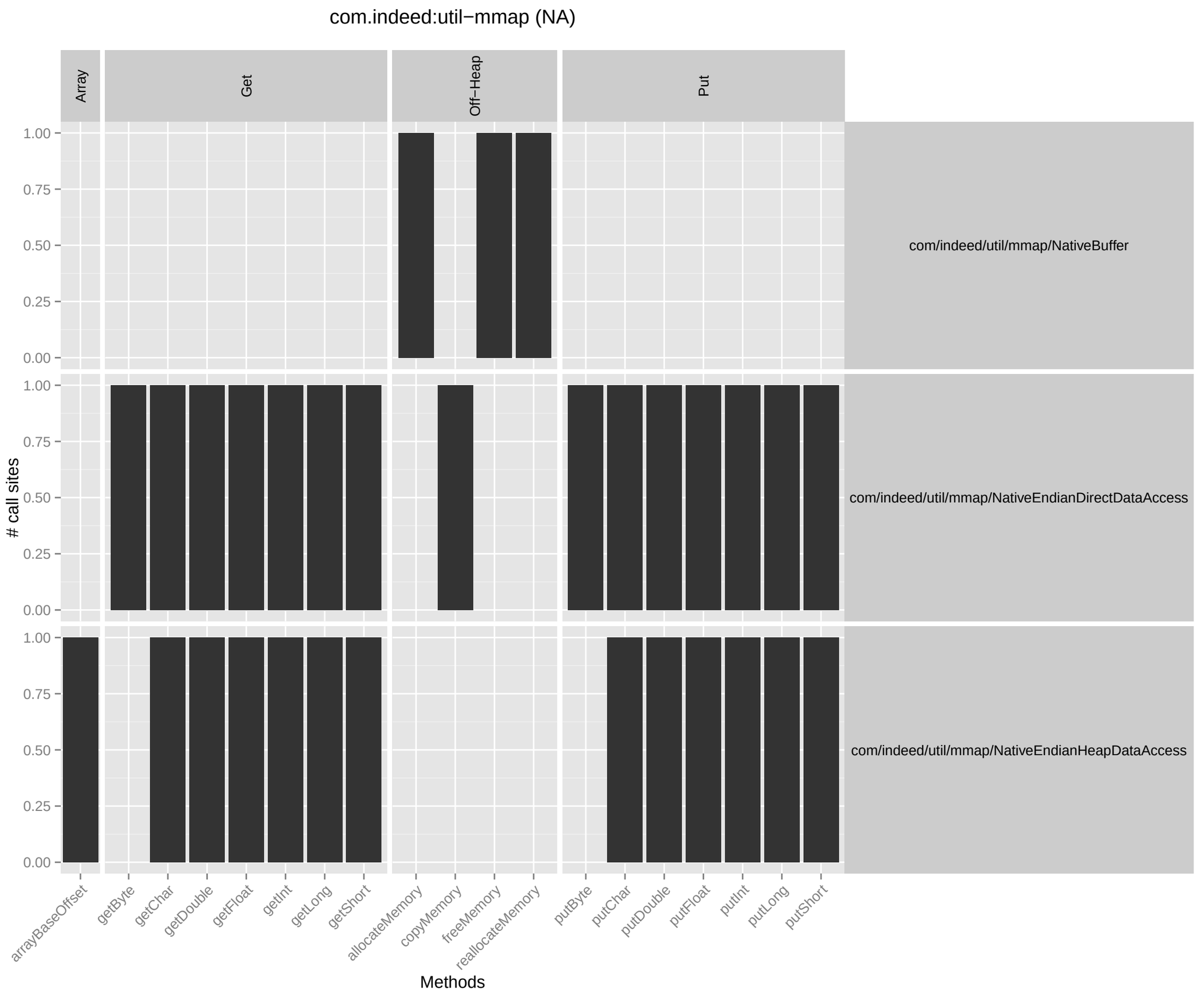

com.higherfrequencytrading:affinity (NA)
Get Volatile
com/higherfrequencytrading/busywaiting/impl/JNIBusyWaiting
com/higherfrequencytrading/busywaiting/impl/JavaBusyWaiting
call sites
0
1
2
3
4
getLongVolatile
Methods

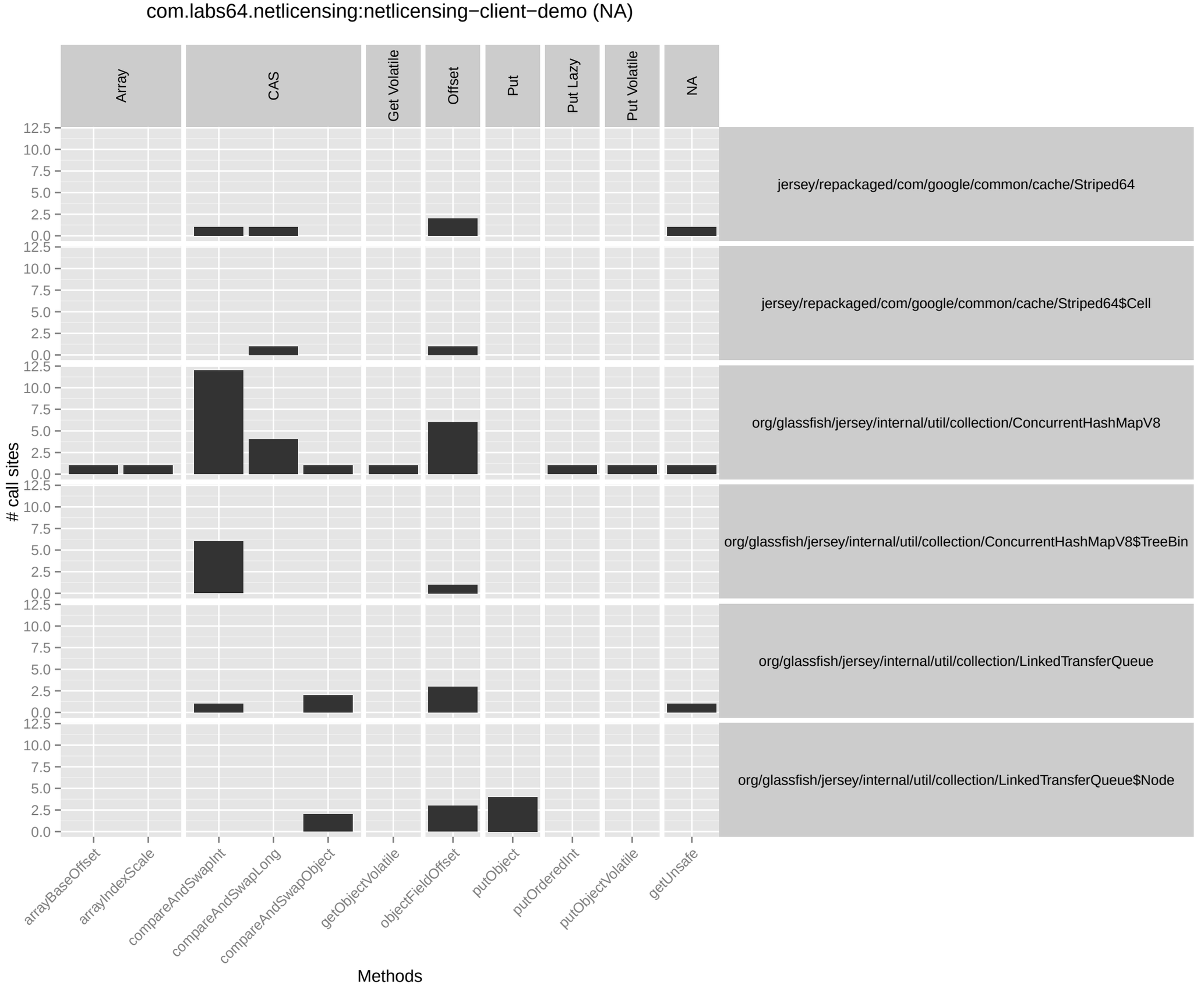

com.hubspot:BaragonAgentService (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

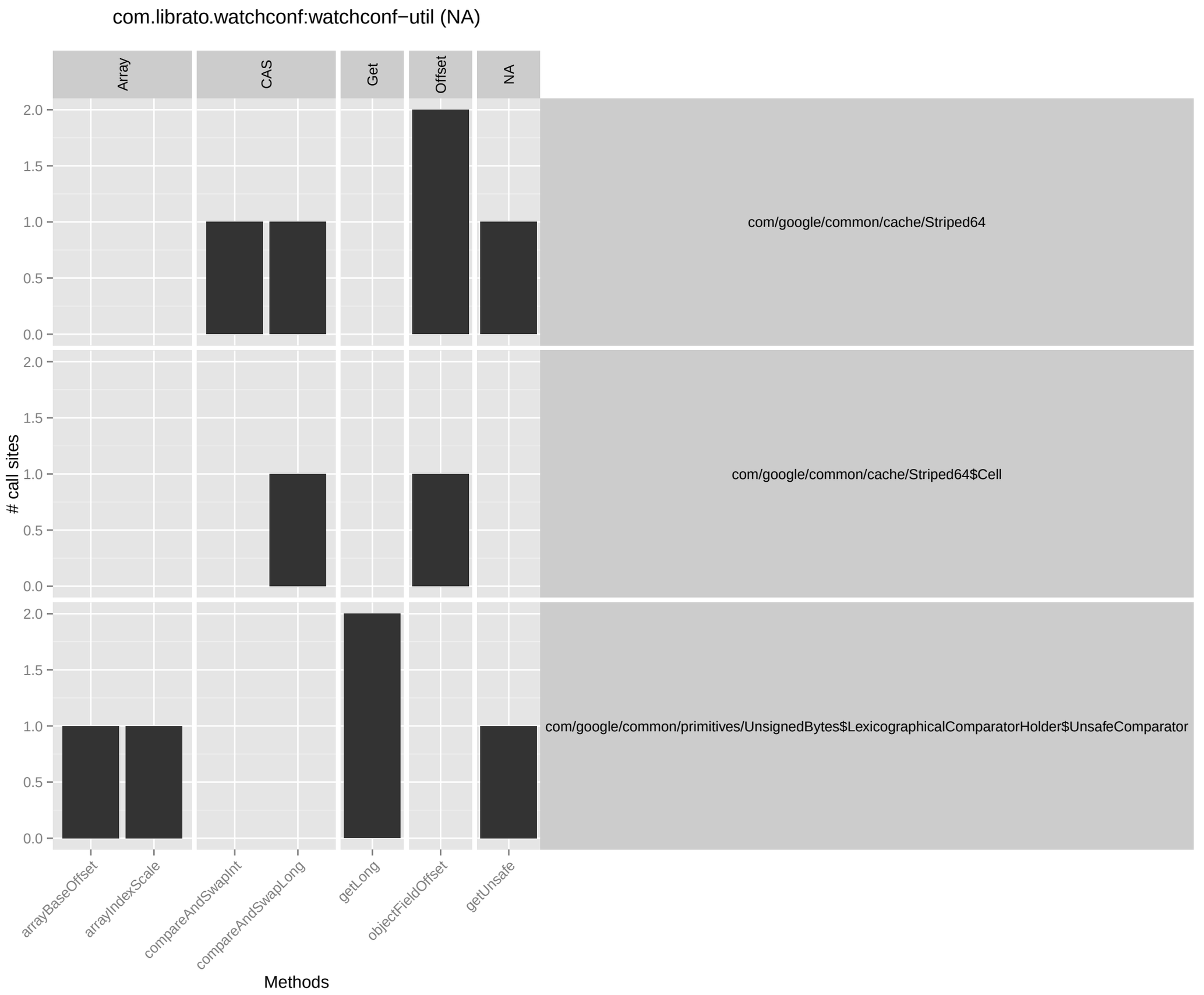

com.hubspot:BaragonService (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

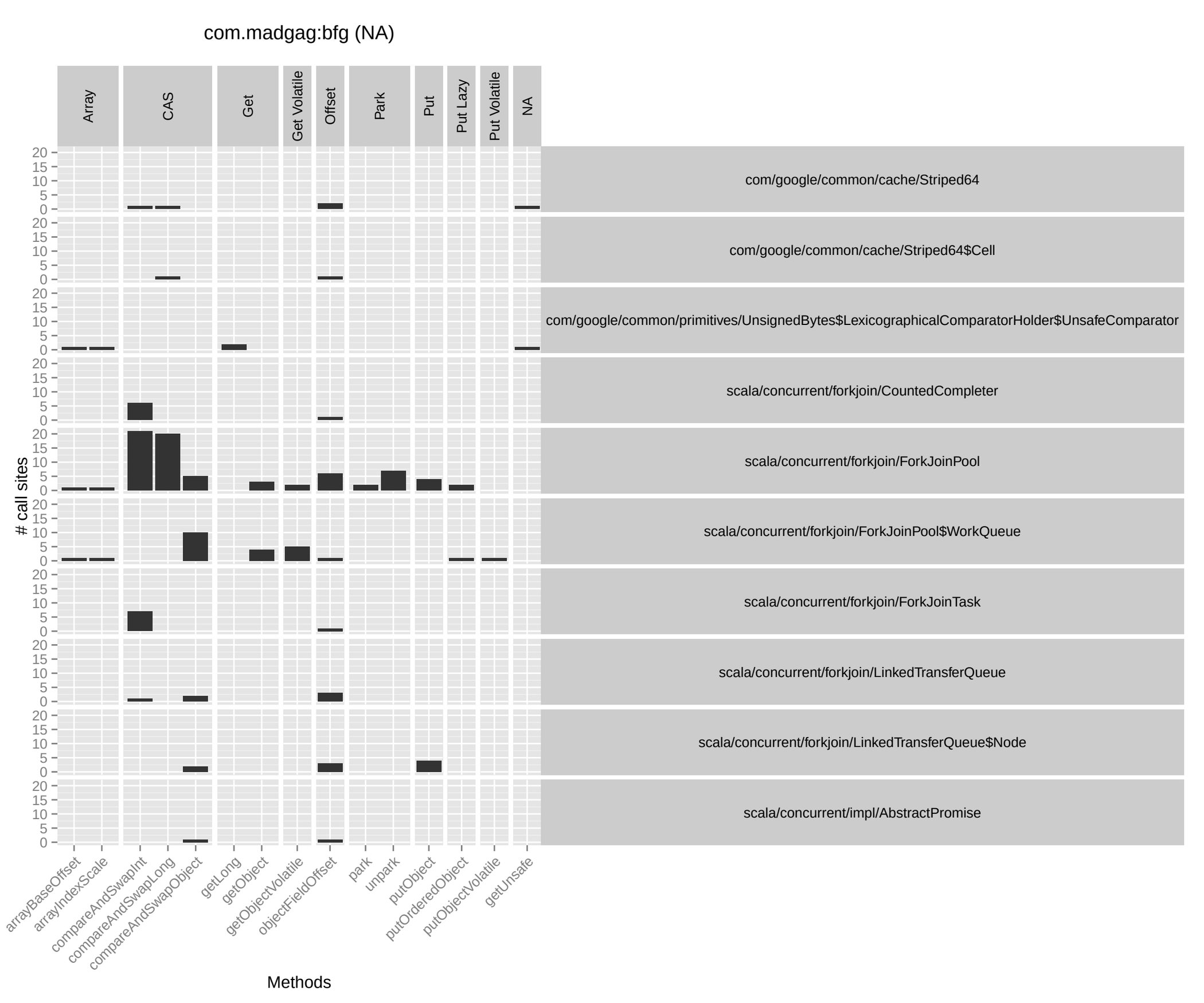

com.hypnoticocelot:jaxrs−doclet (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

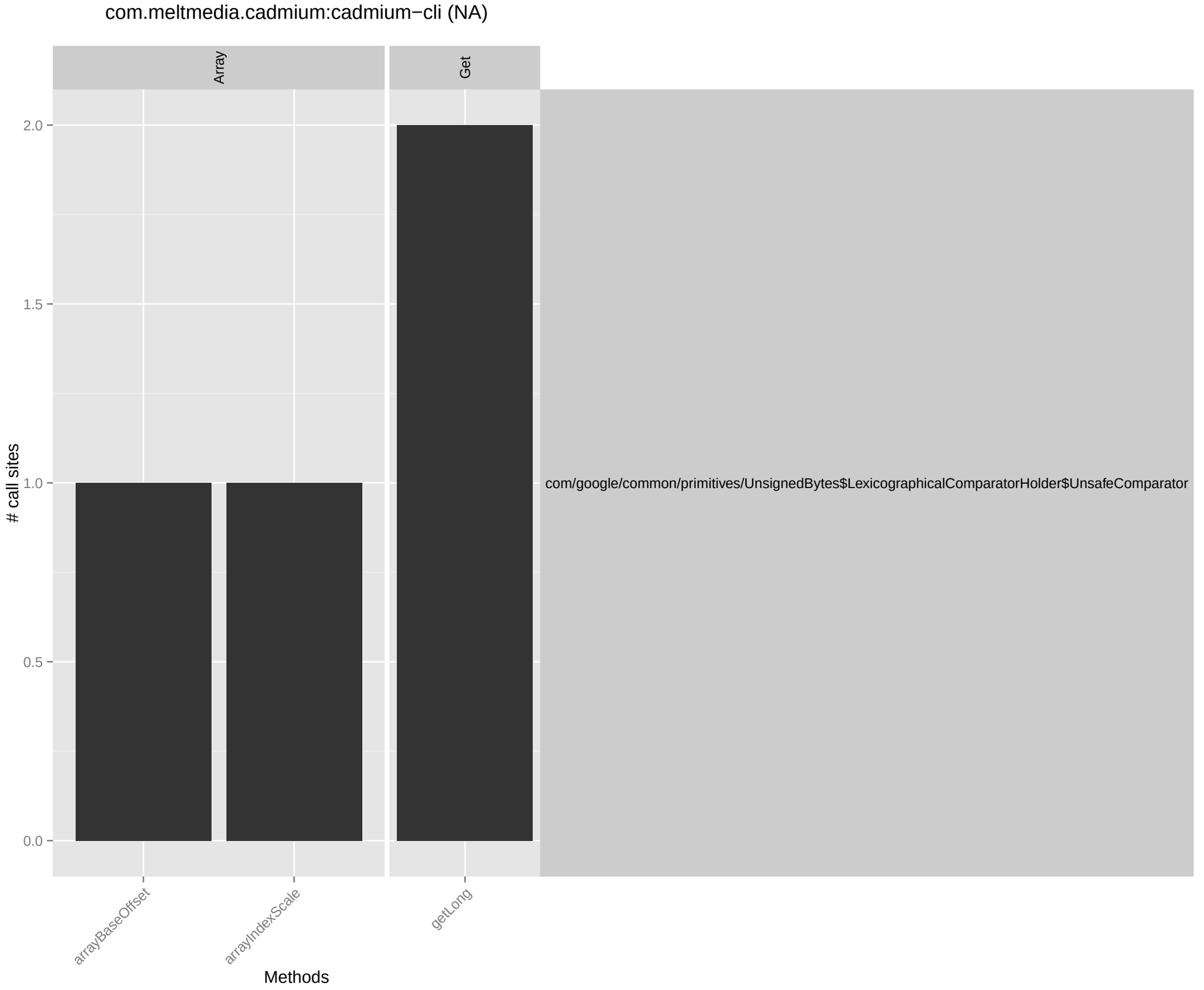

com.hypnoticocelot:jaxrs−doclet−sample−dropwizard (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods


com.indeed:util−mmap (NA)
Array
Get
Off−Heap
Put
com/indeed/util/mmap/NativeBuffer
com/indeed/util/mmap/NativeEndianDirectDataAccess
com/indeed/util/mmap/NativeEndianHeapDataAccess
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
reallocateMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

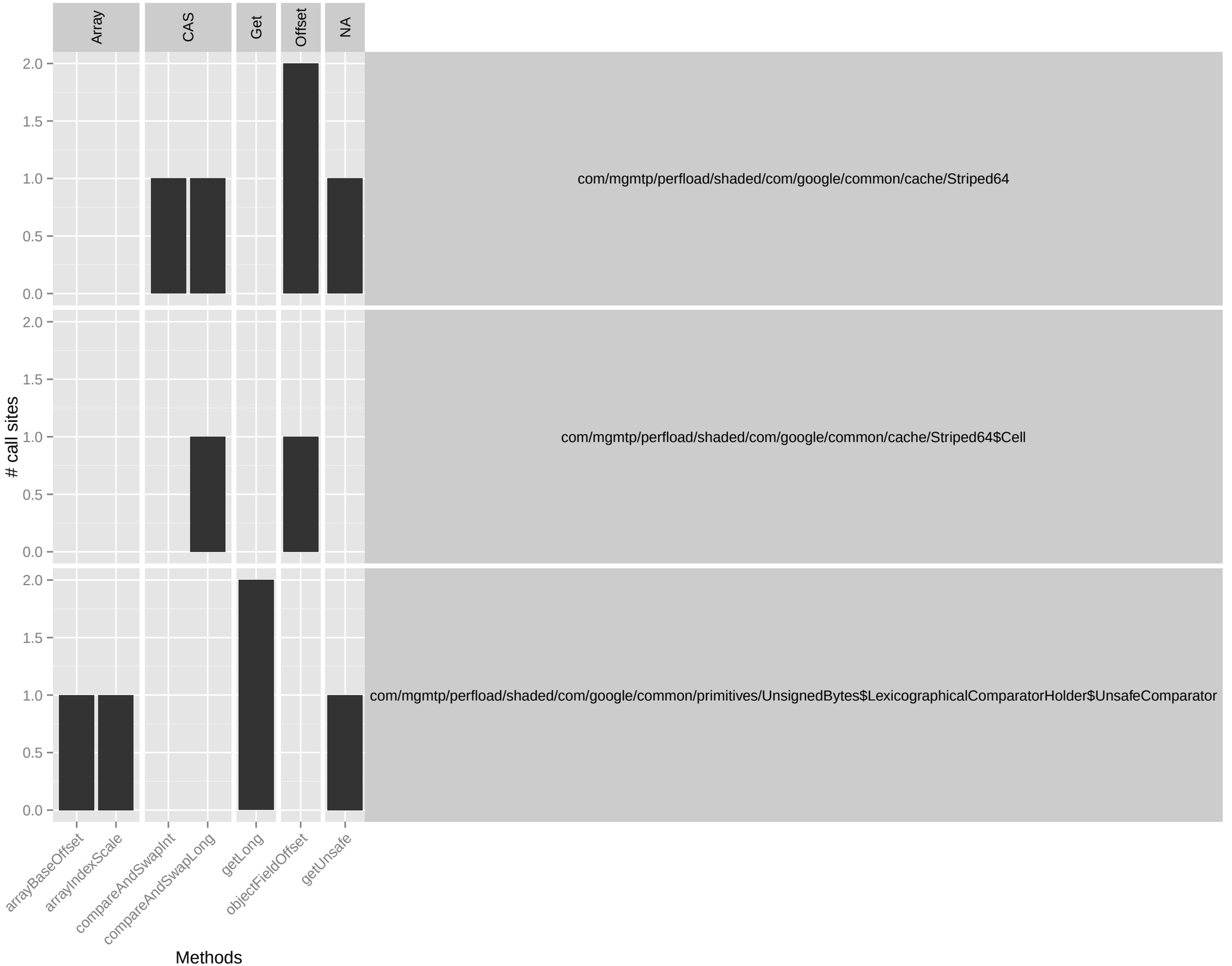

com.labs64.netlicensing:netlicensing−client−demo (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

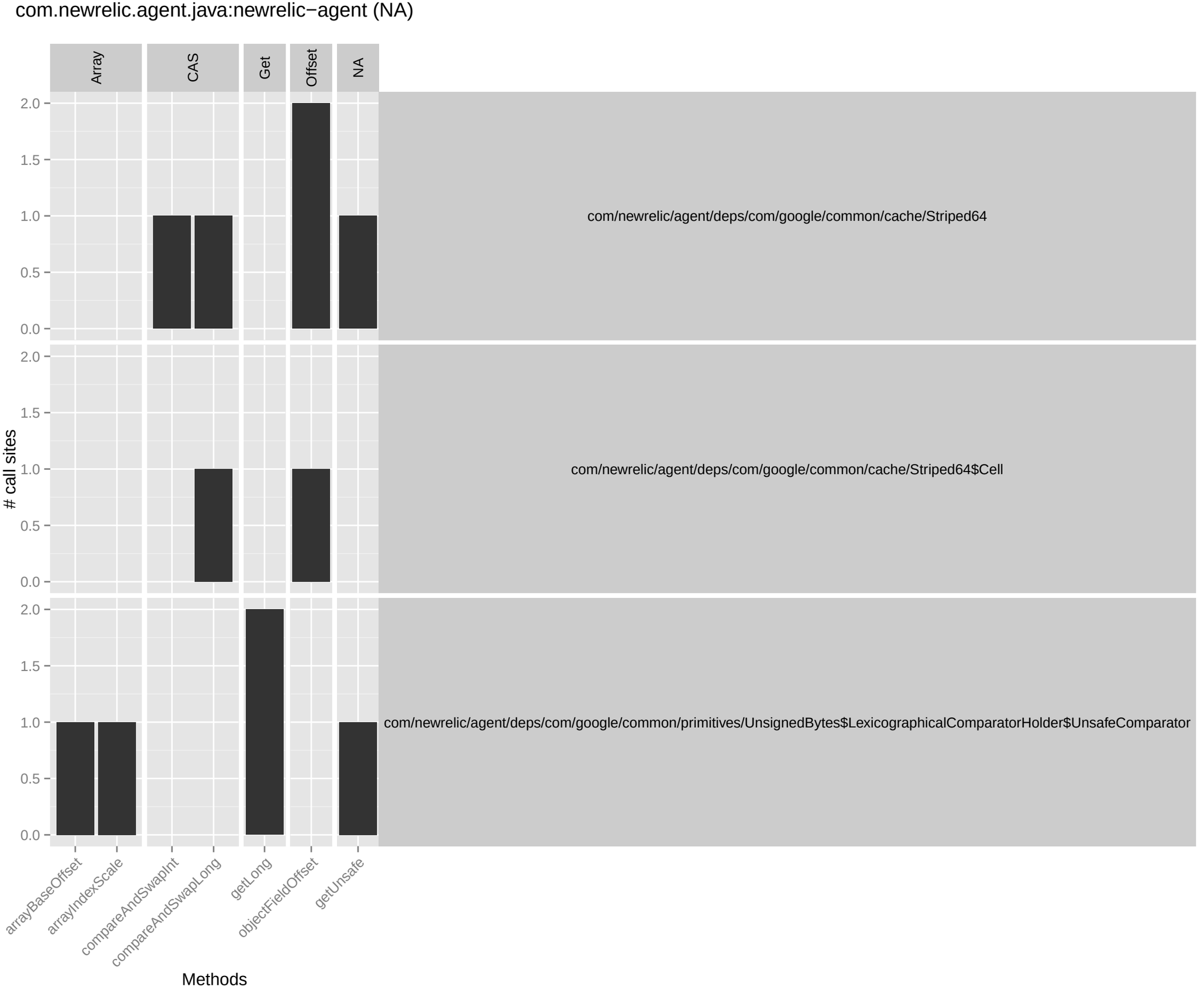

com.librato.watchconf:watchconf−util (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

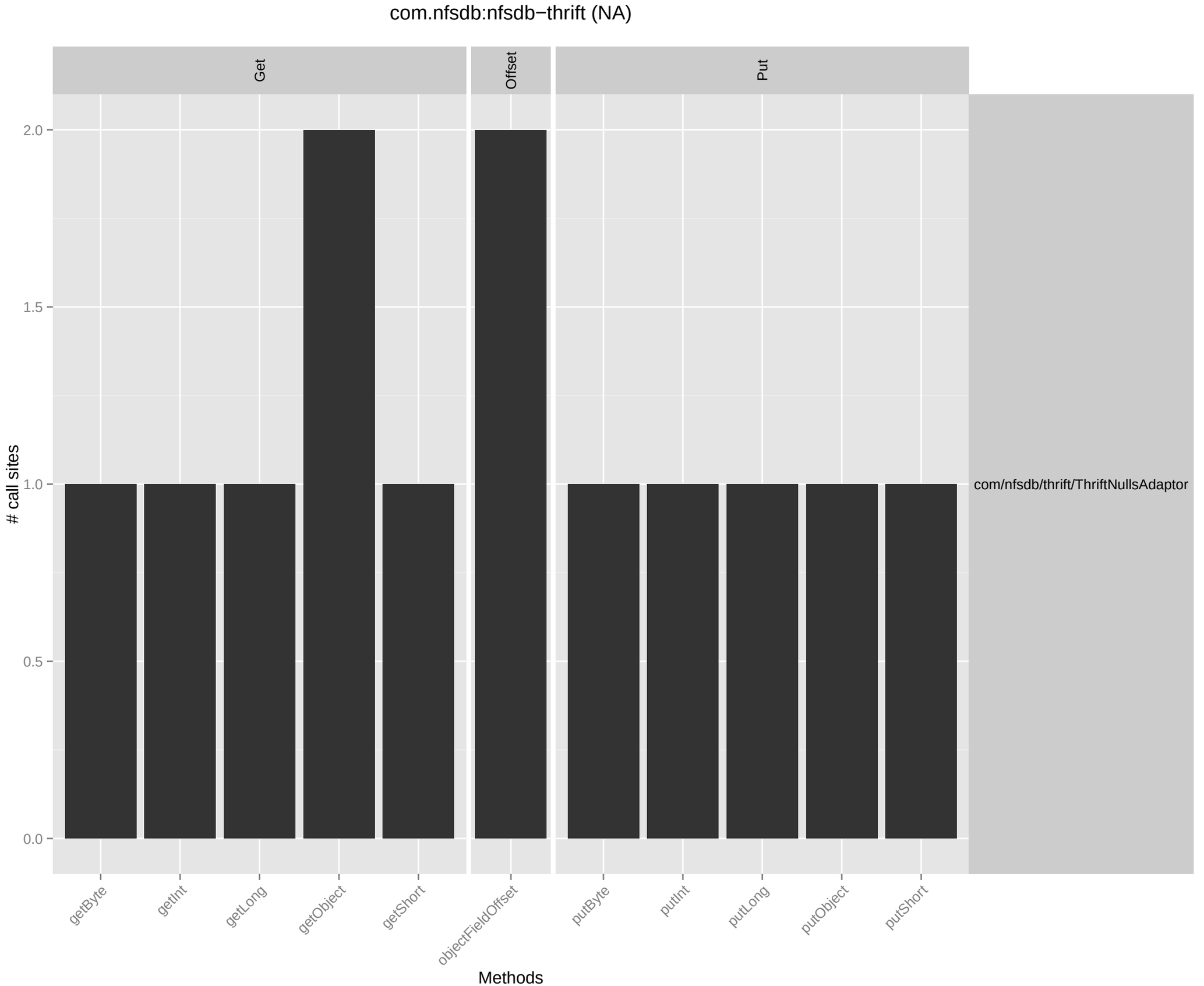

com.madgag:bfg (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

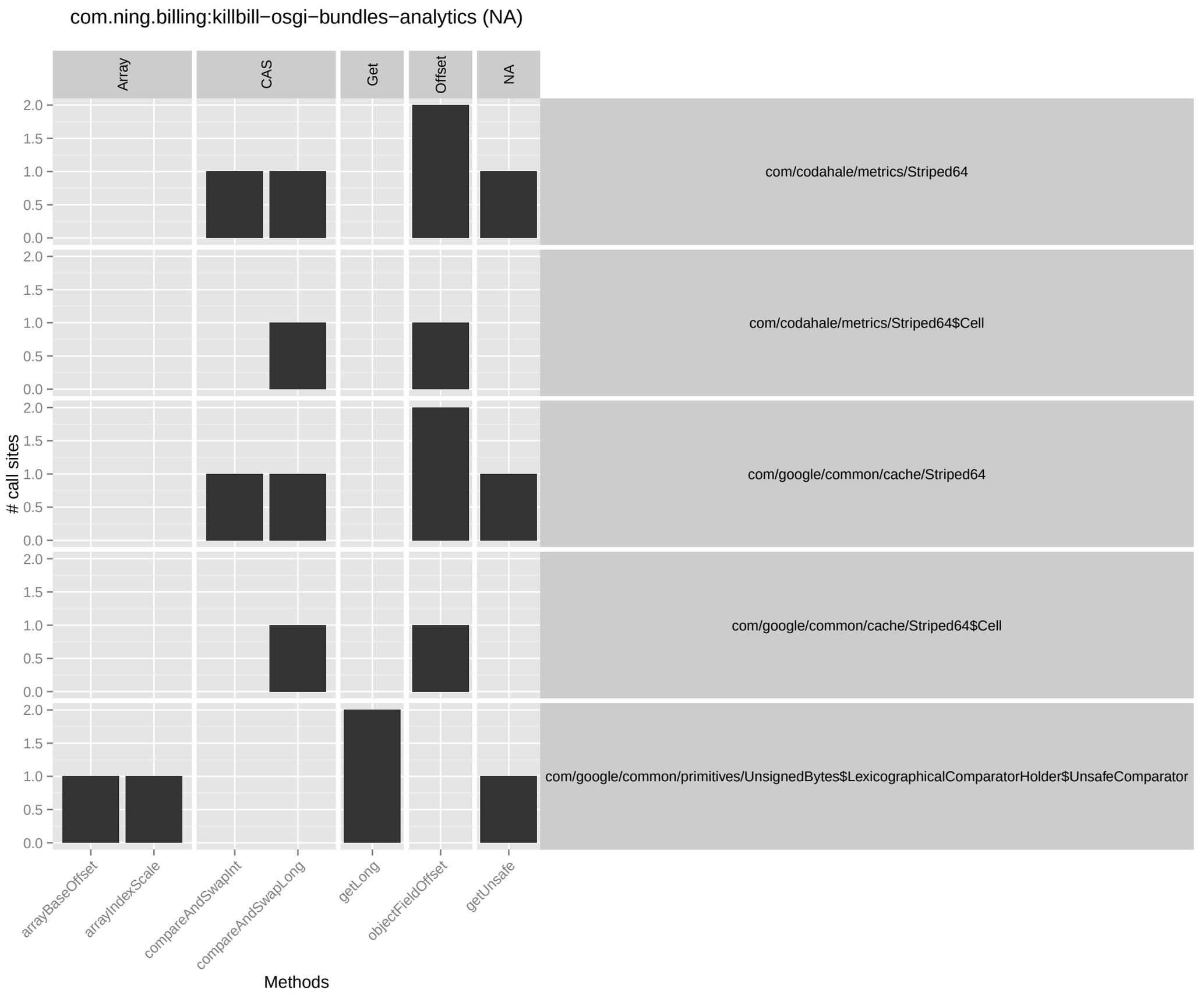

com.meltmedia.cadmium:cadmium−cli (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

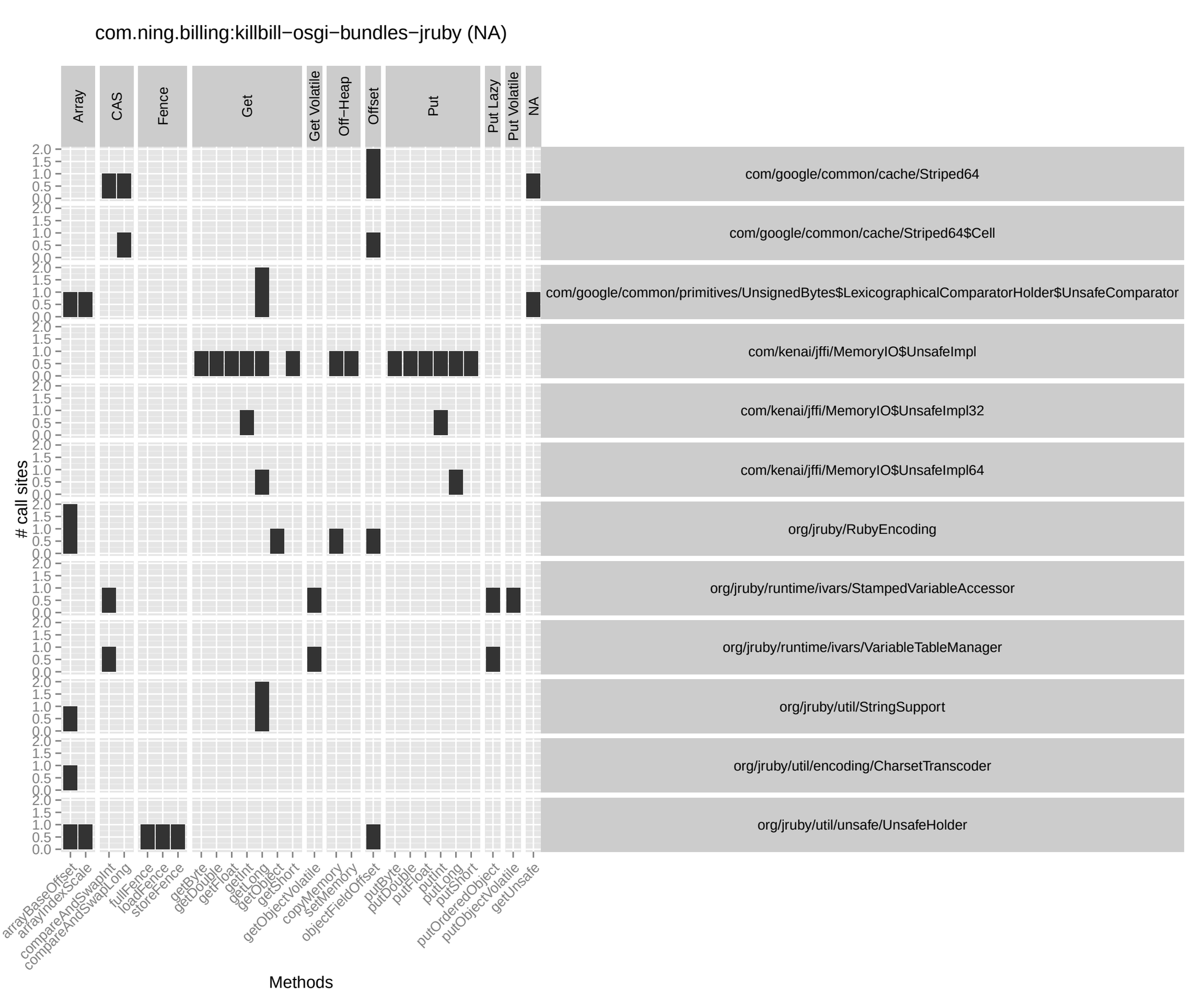
com.mgmtp.perfload:perfload−agent (NA)

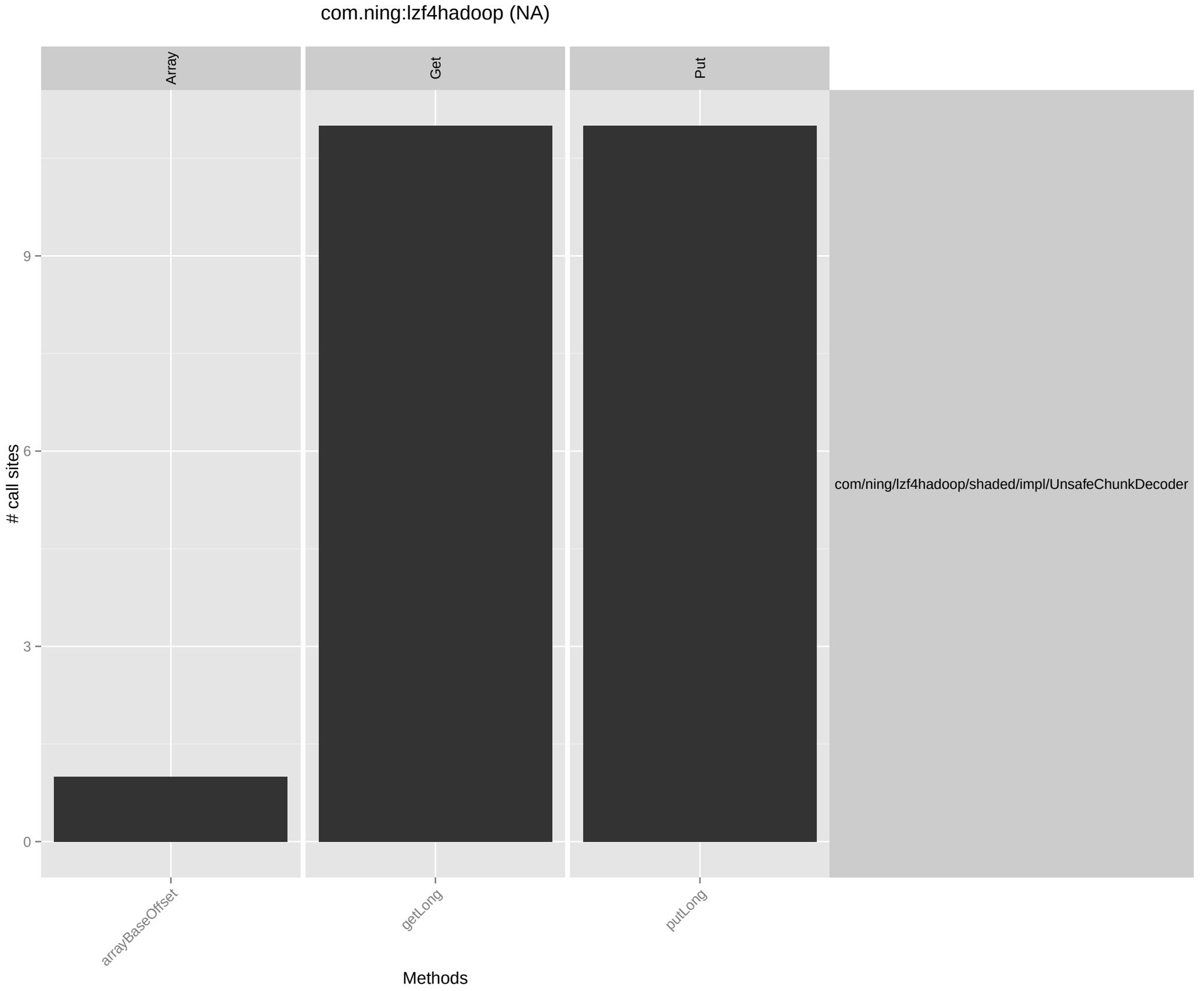


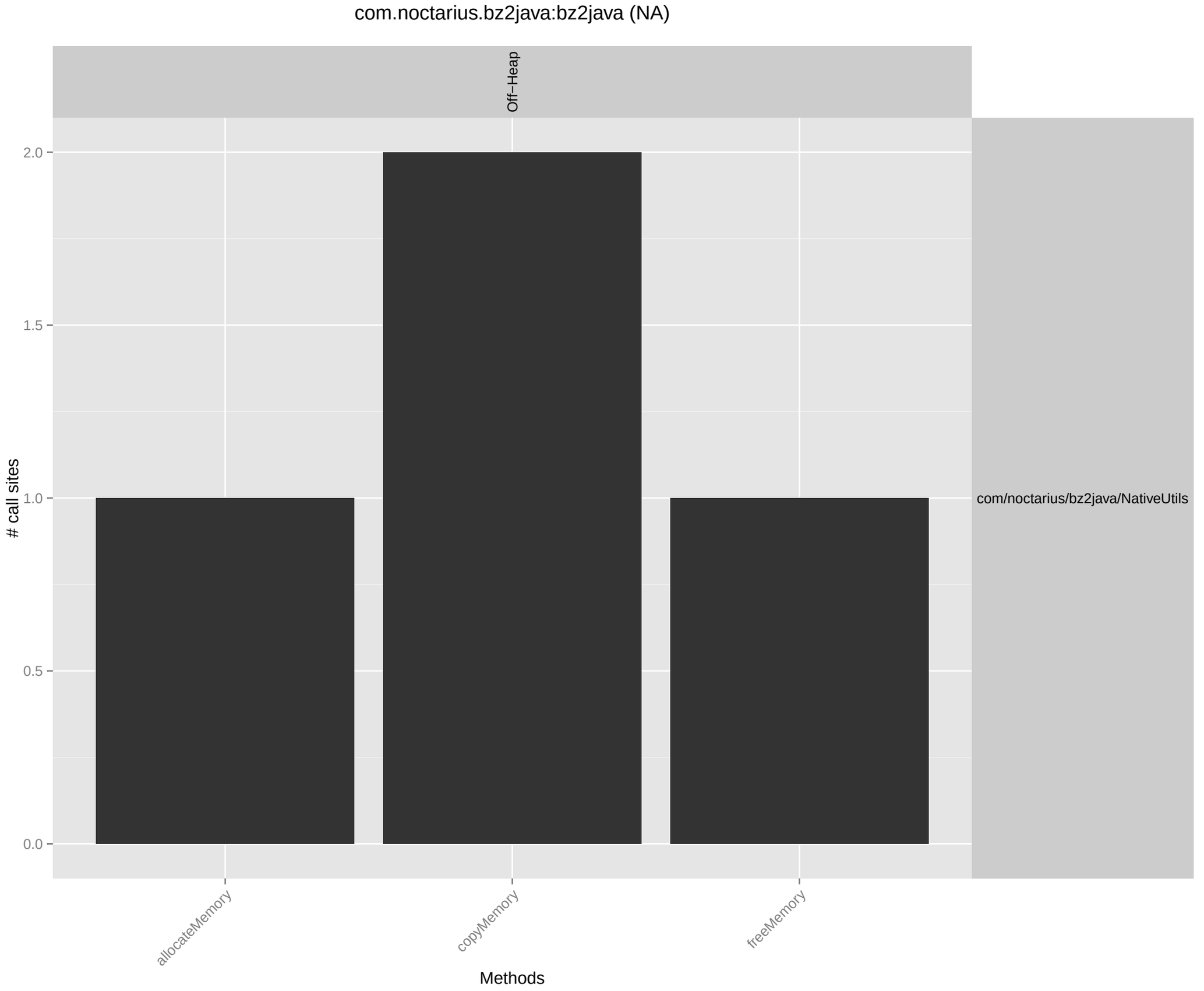

com.newrelic.agent.java:newrelic−agent (NA)
Array
CAS
Get
Offset
NA
com/newrelic/agent/deps/com/google/common/cache/Striped64
com/newrelic/agent/deps/com/google/common/cache/Striped64$Cell
com/newrelic/agent/deps/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

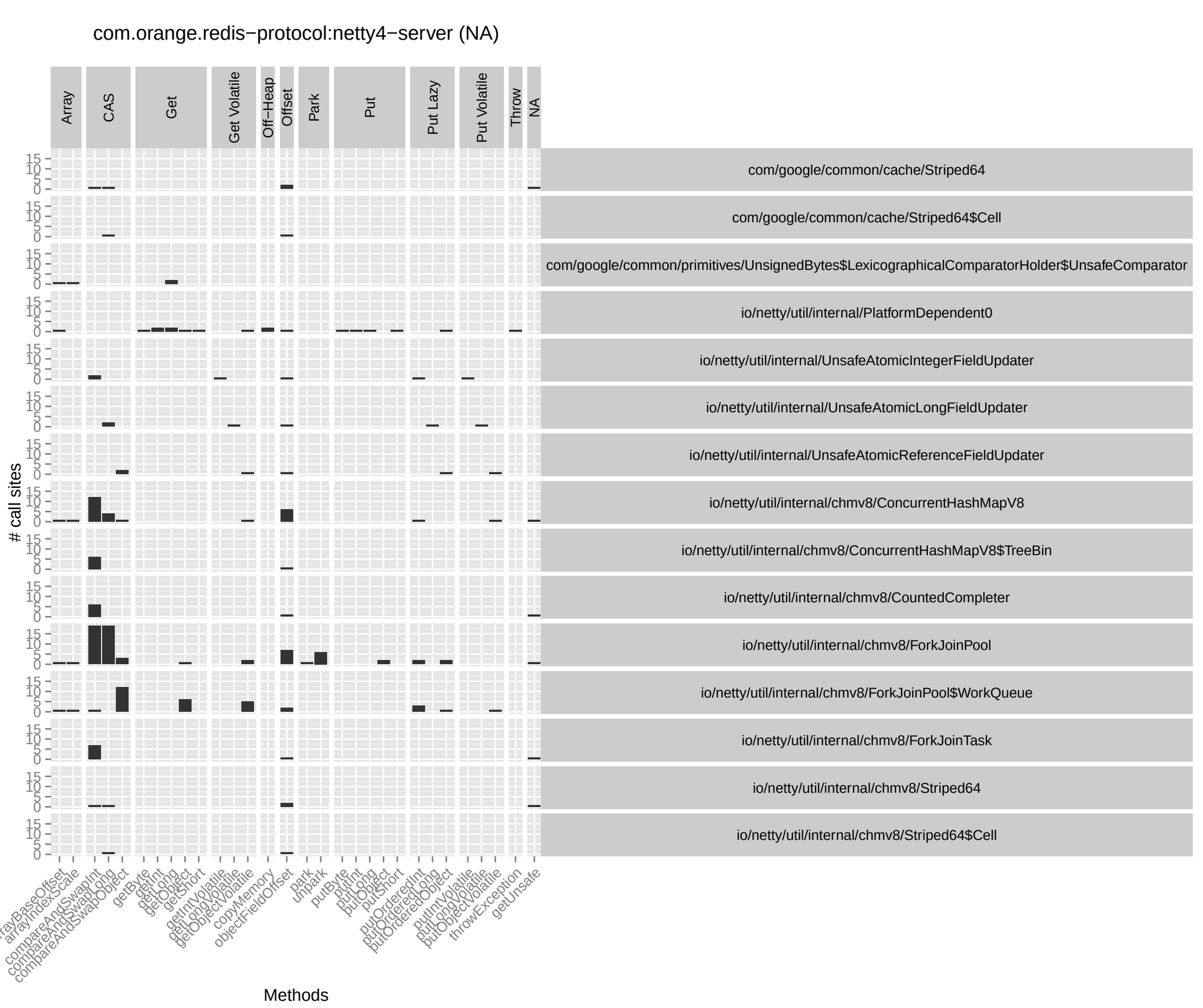

com.nfsdb:nfsdb−thrift (NA)
Get
Offset
Put
com/nfsdb/thrift/ThriftNullsAdaptor
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getInt
getLong
getObject
getShort
objectFieldOffset
putByte
putInt
putLong
putObject
putShort
Methods

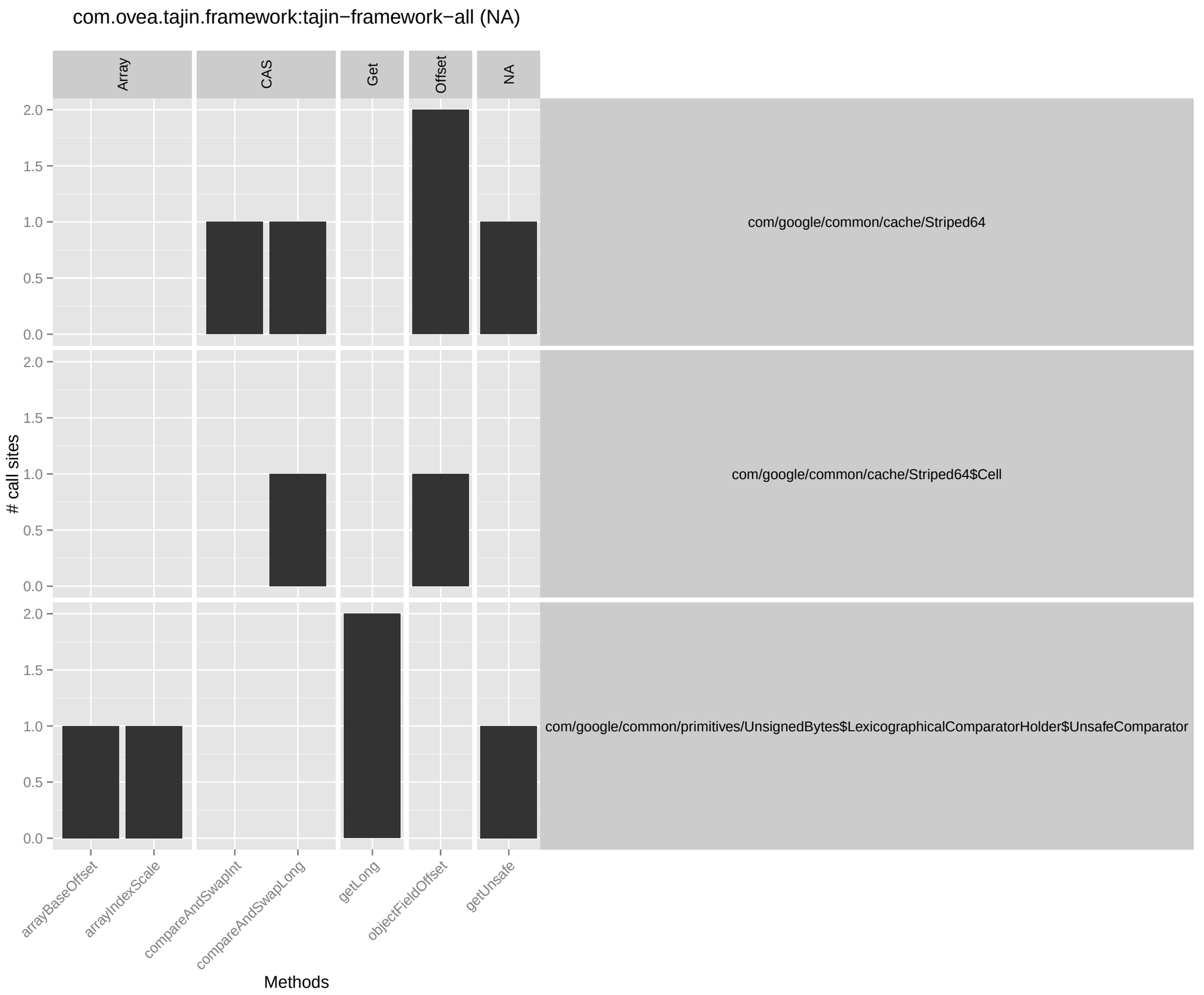

com.ning.billing:killbill−osgi−bundles−analytics (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

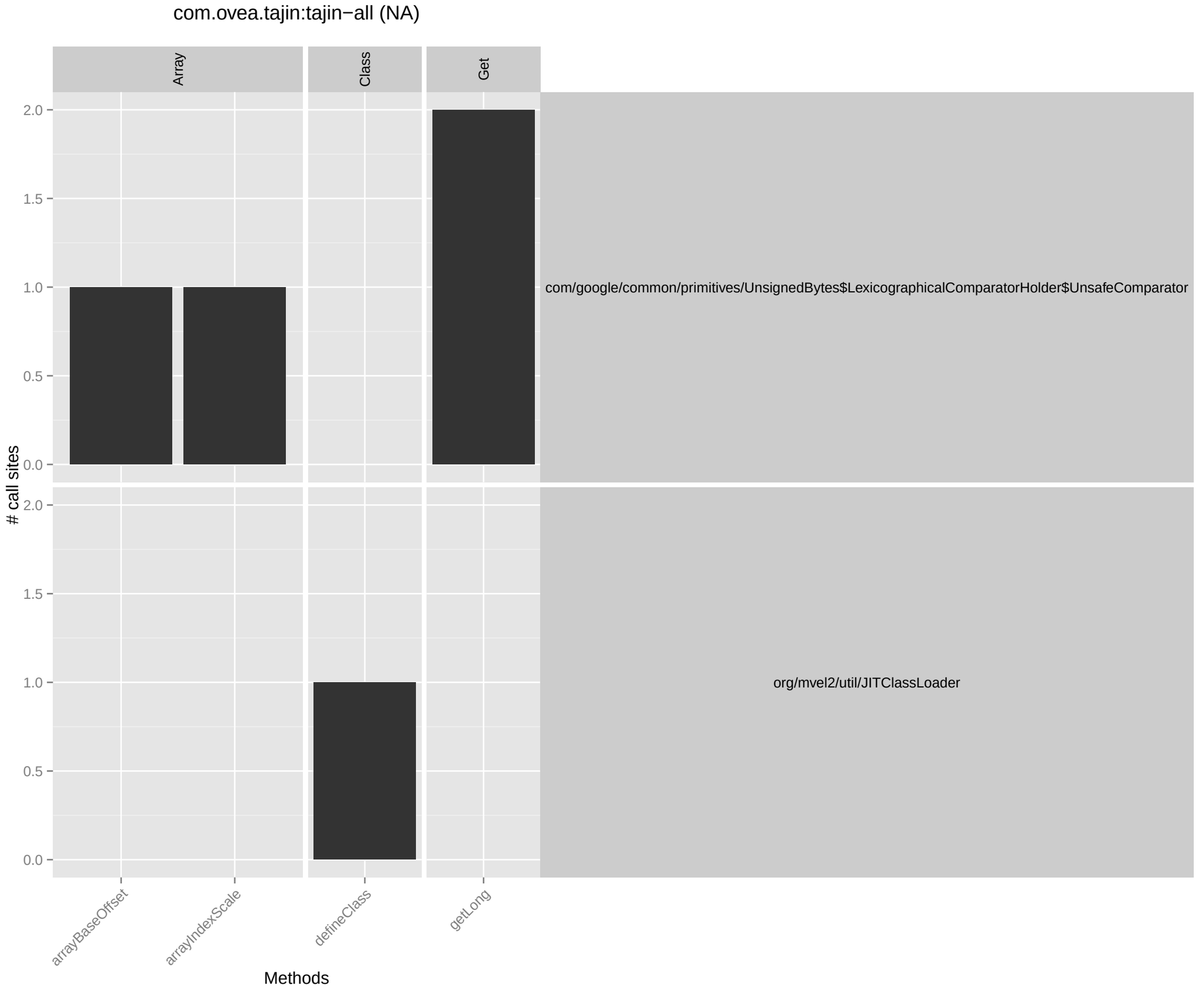

com.ning.billing:killbill−osgi−bundles−jruby (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
call sites
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

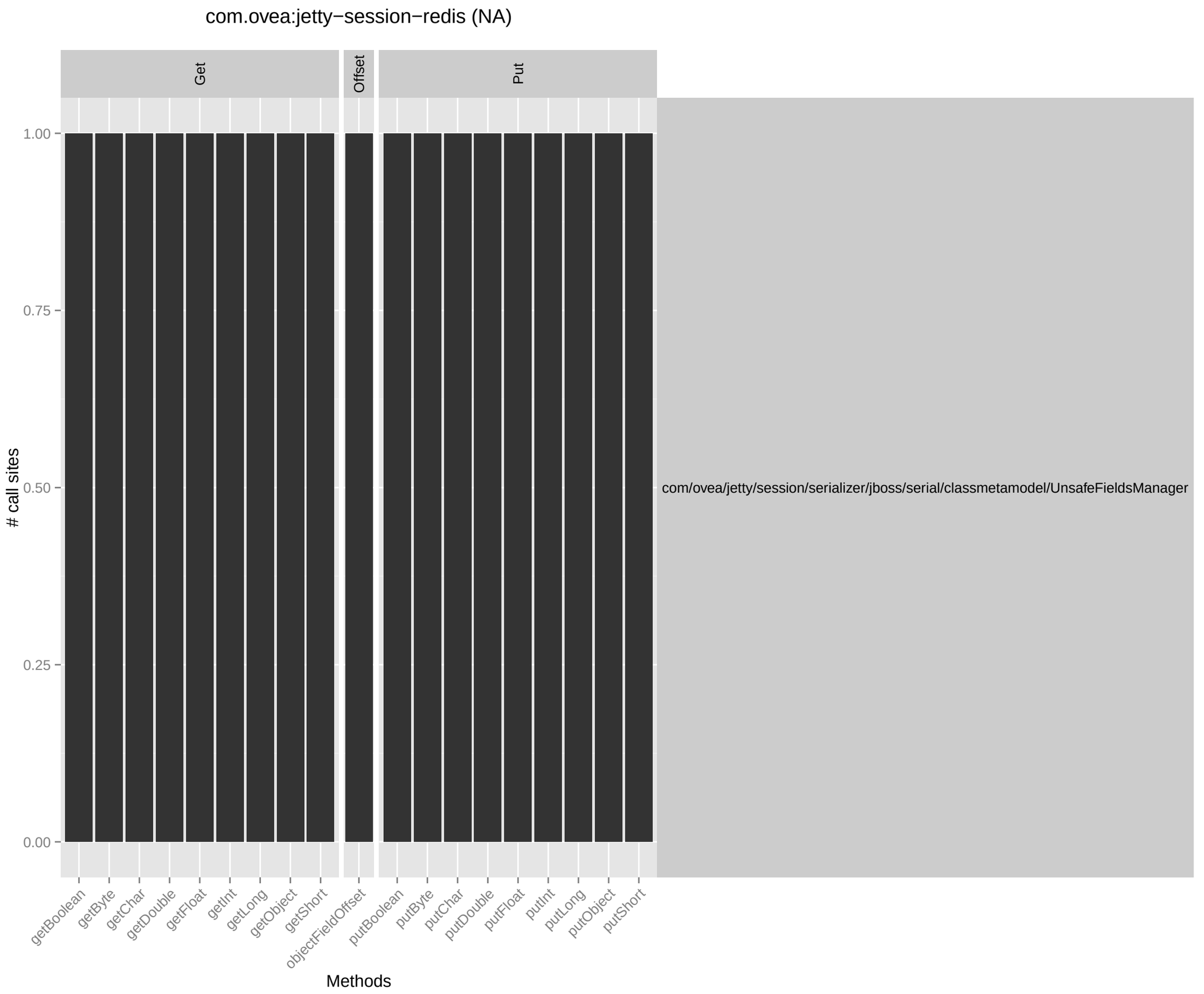

com.ning:lzf4hadoop (NA)
Array
Get
Put
com/ning/lzf4hadoop/shaded/impl/UnsafeChunkDecoder
call sites
0
3
6
9
arrayBaseOffset
getLong
putLong
Methods

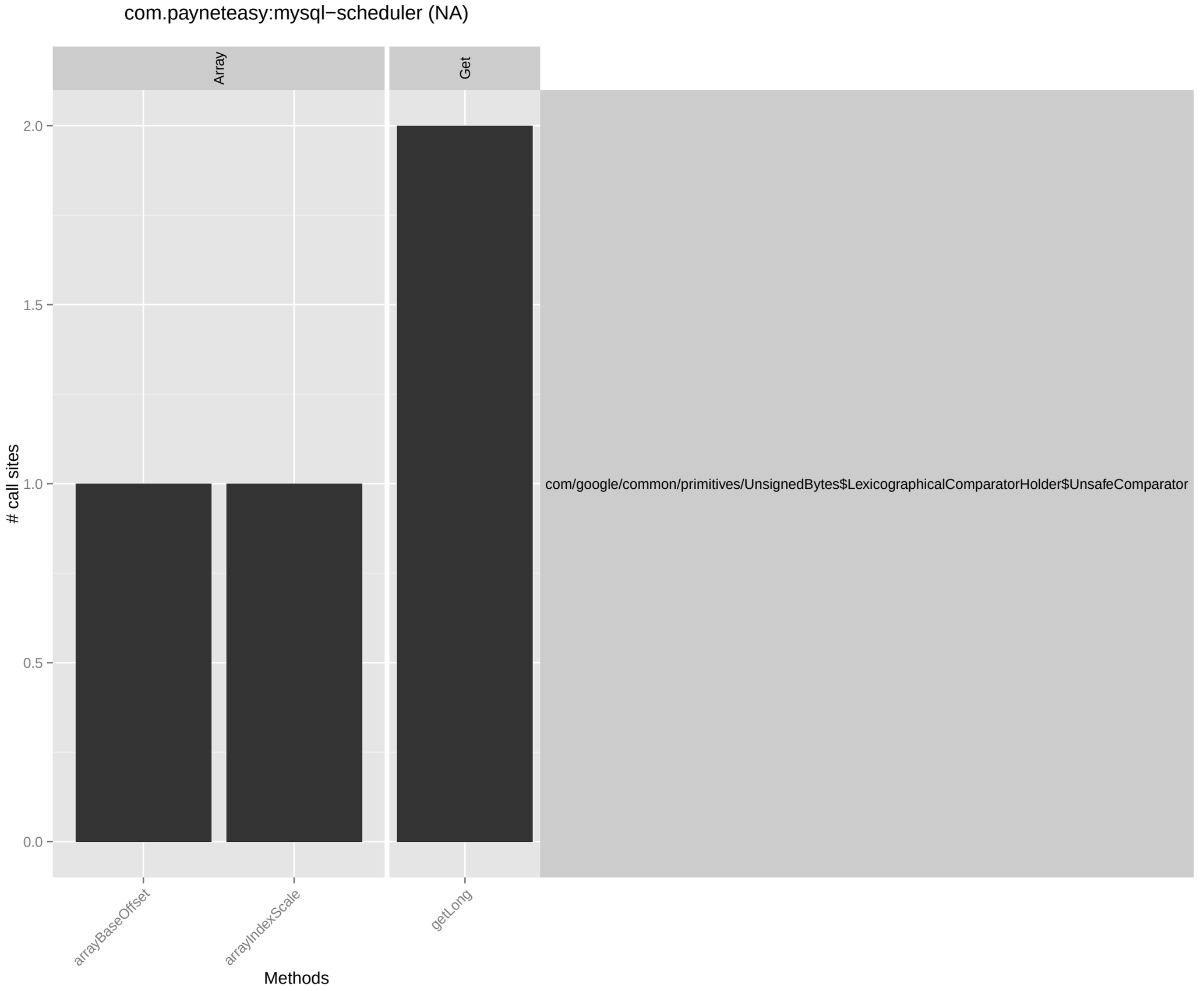

com.noctarius.bz2java:bz2java (NA)
Off−Heap
com/noctarius/bz2java/NativeUtils
call sites
2.0
1.5
1.0
0.5
0.0
allocateMemory
copyMemory
freeMemory
Methods

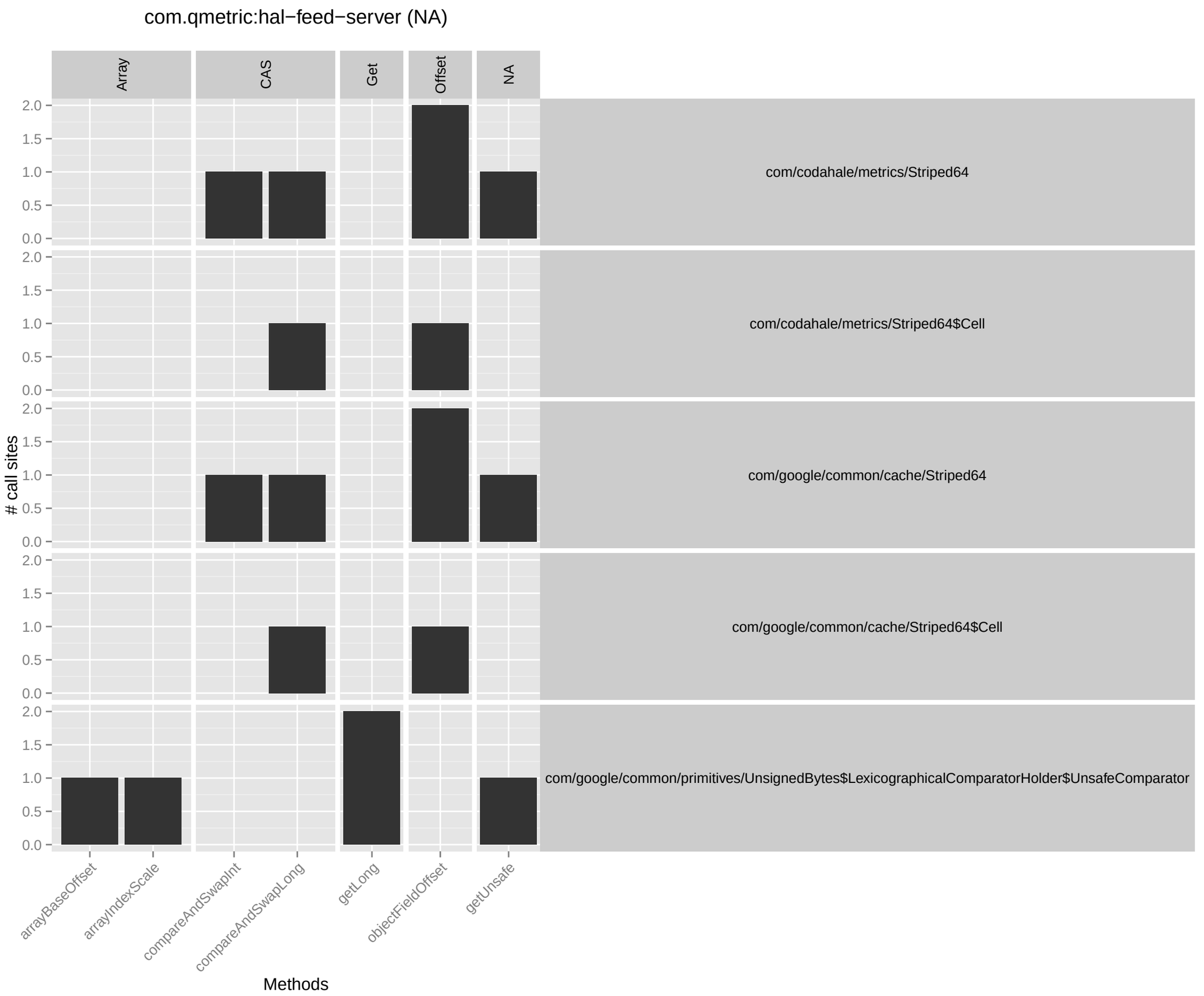

com.orange.redis−protocol:netty4−server (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

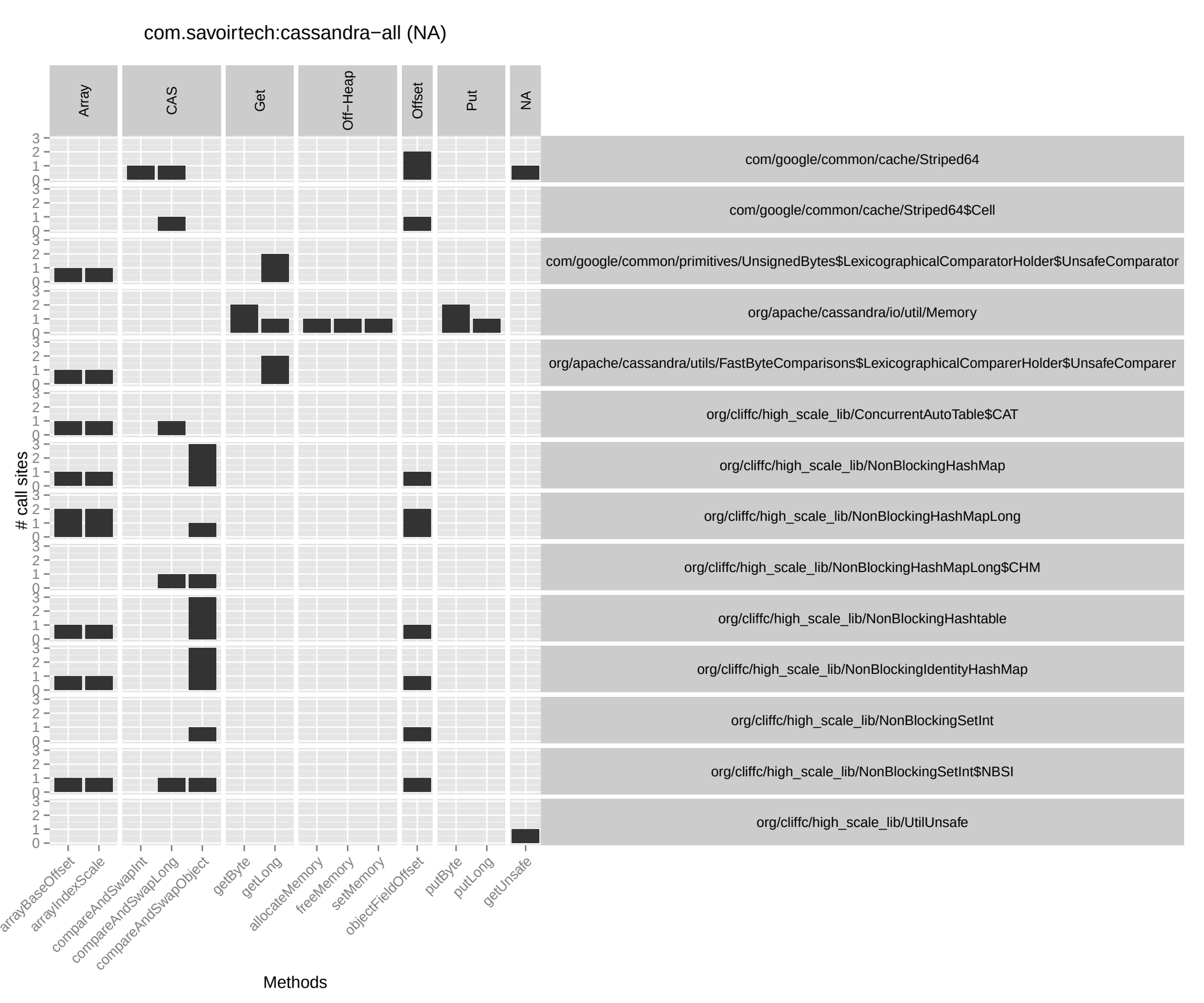

com.ovea.tajin.framework:tajin−framework−all (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

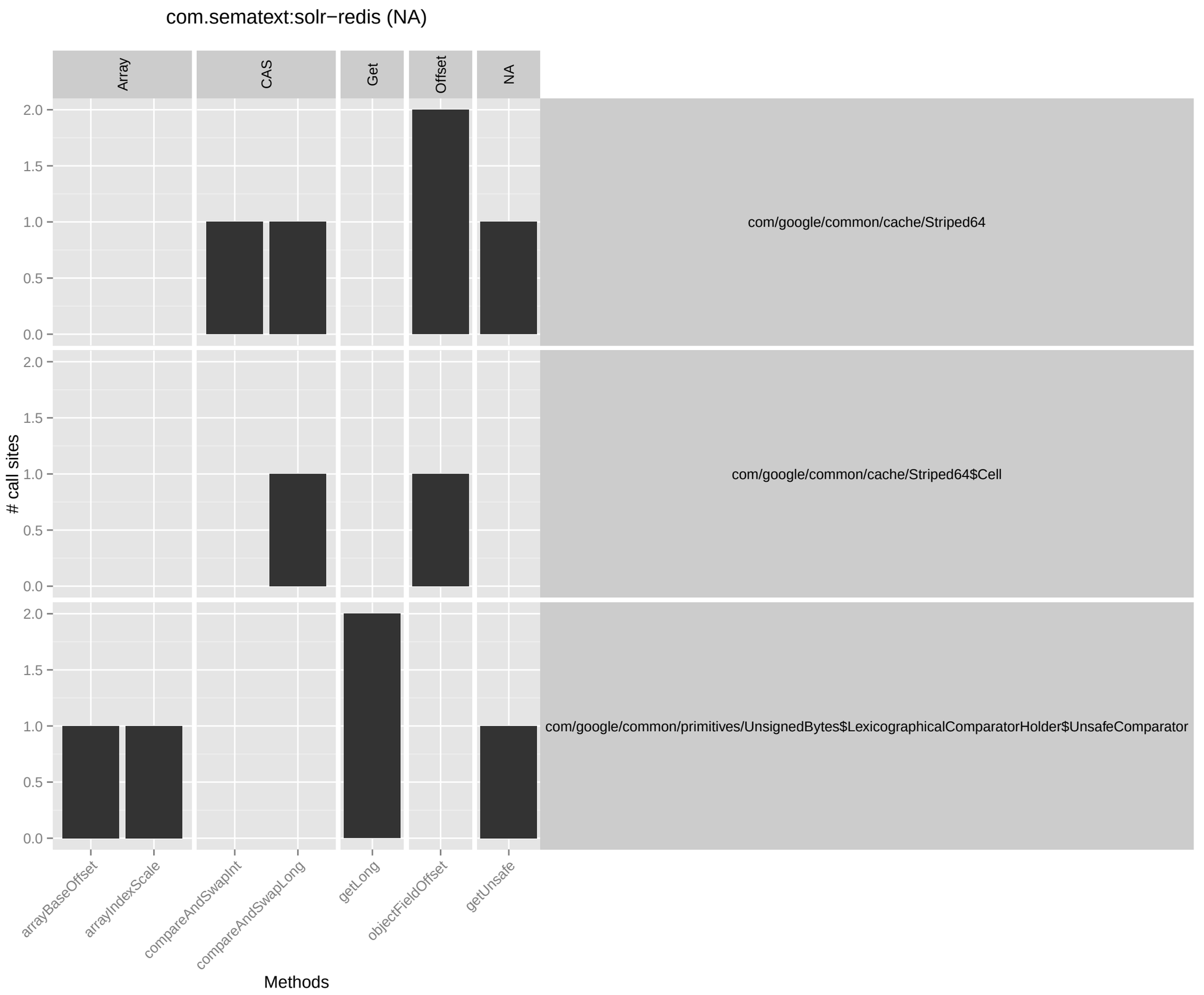

com.ovea.tajin:tajin−all (NA)
Array
Class
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/mvel2/util/JITClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
defineClass
getLong
Methods

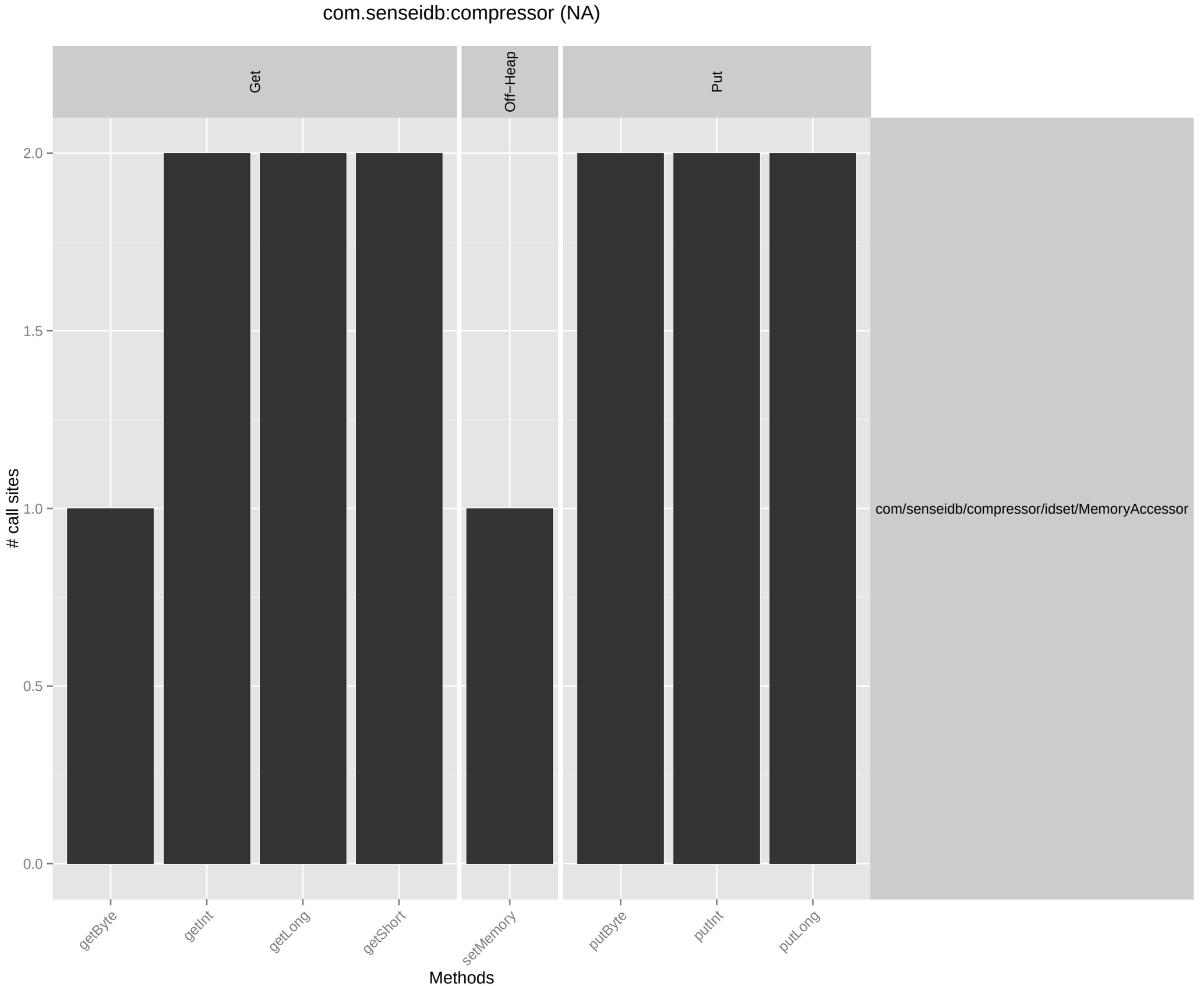

com.ovea:jetty−session−redis (NA)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/ovea/jetty/session/serializer/jboss/serial/classmetamodel/UnsafeFieldsManager
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

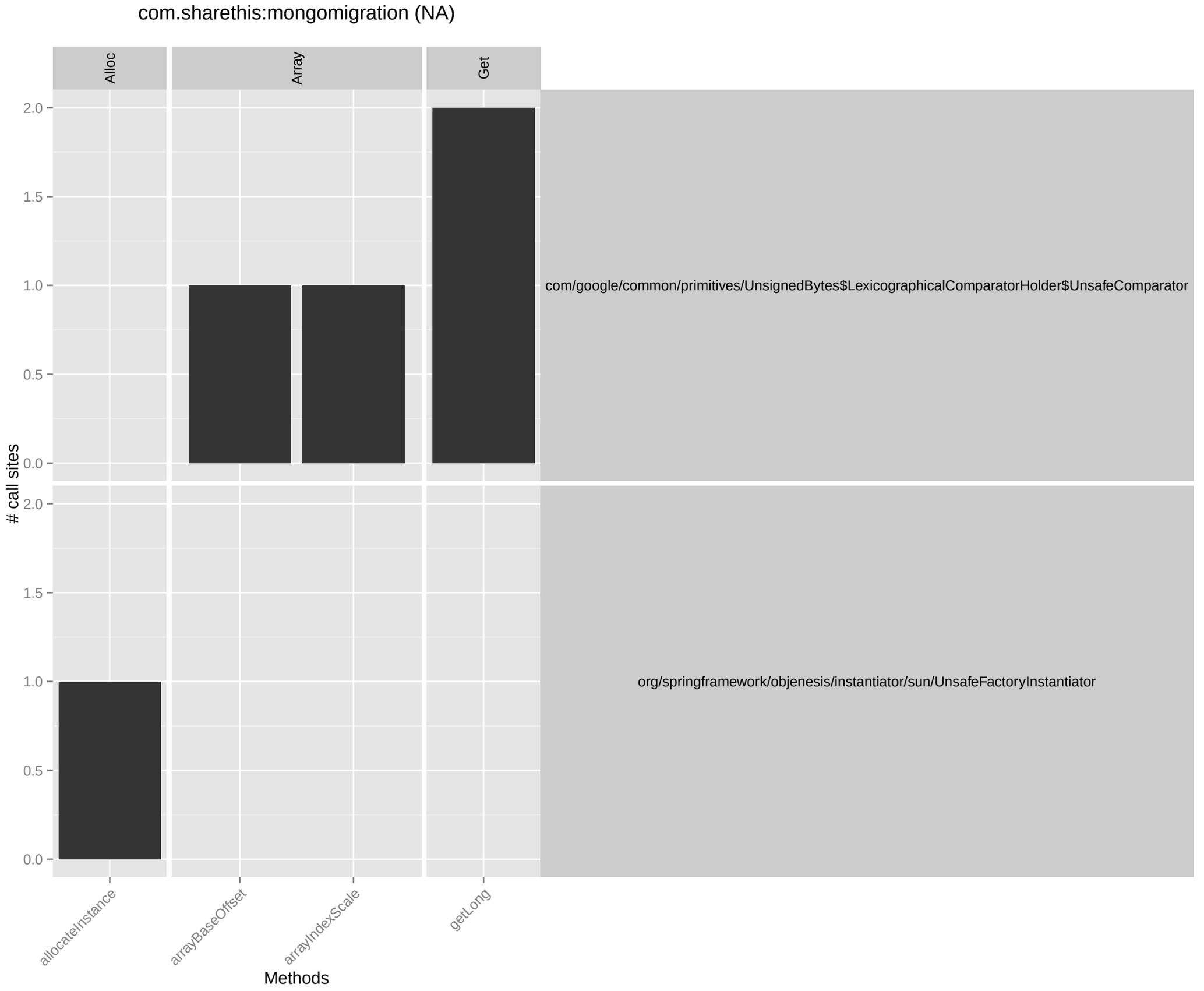

com.payneteasy:mysql−scheduler (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

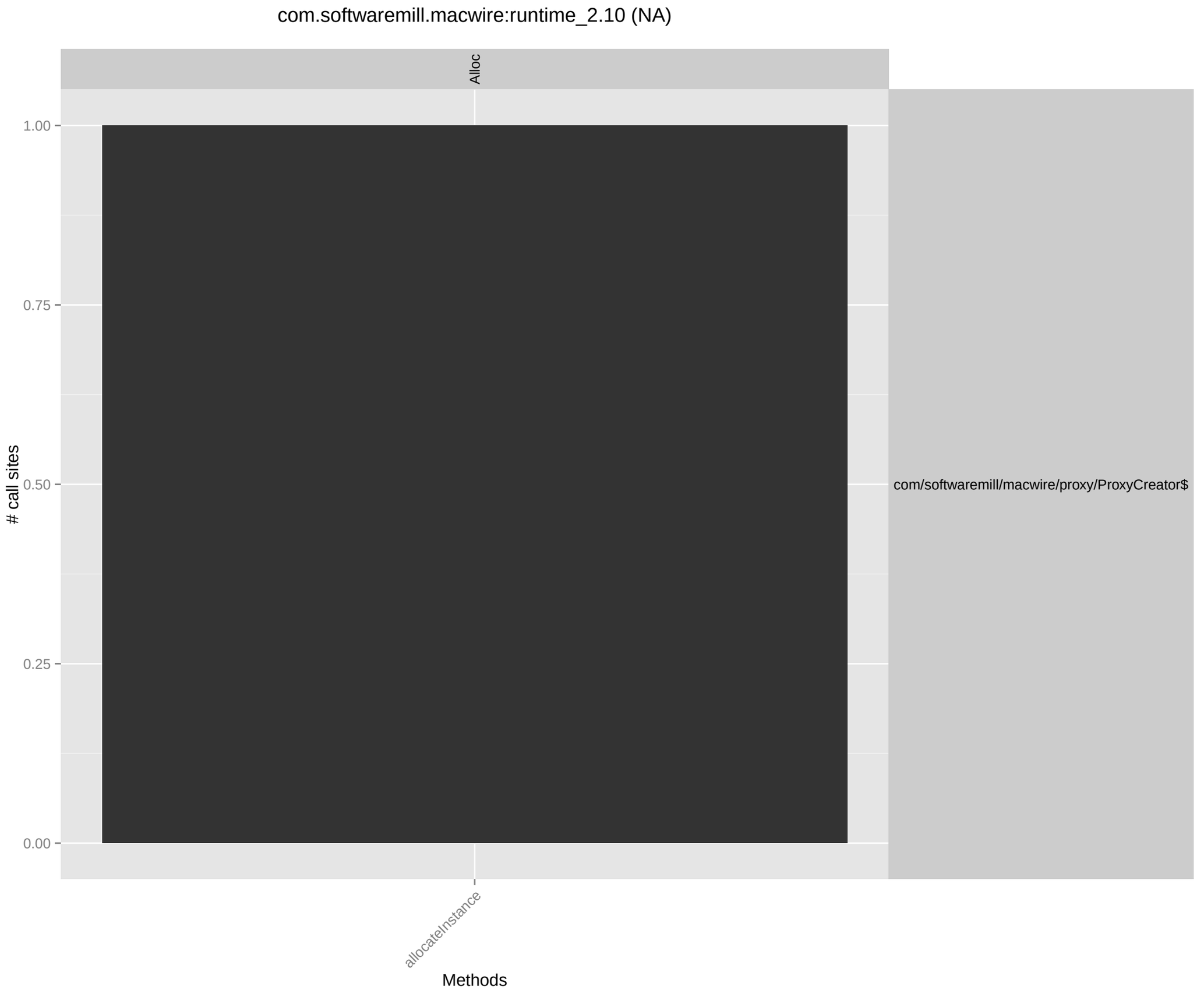

com.qmetric:hal−feed−server (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

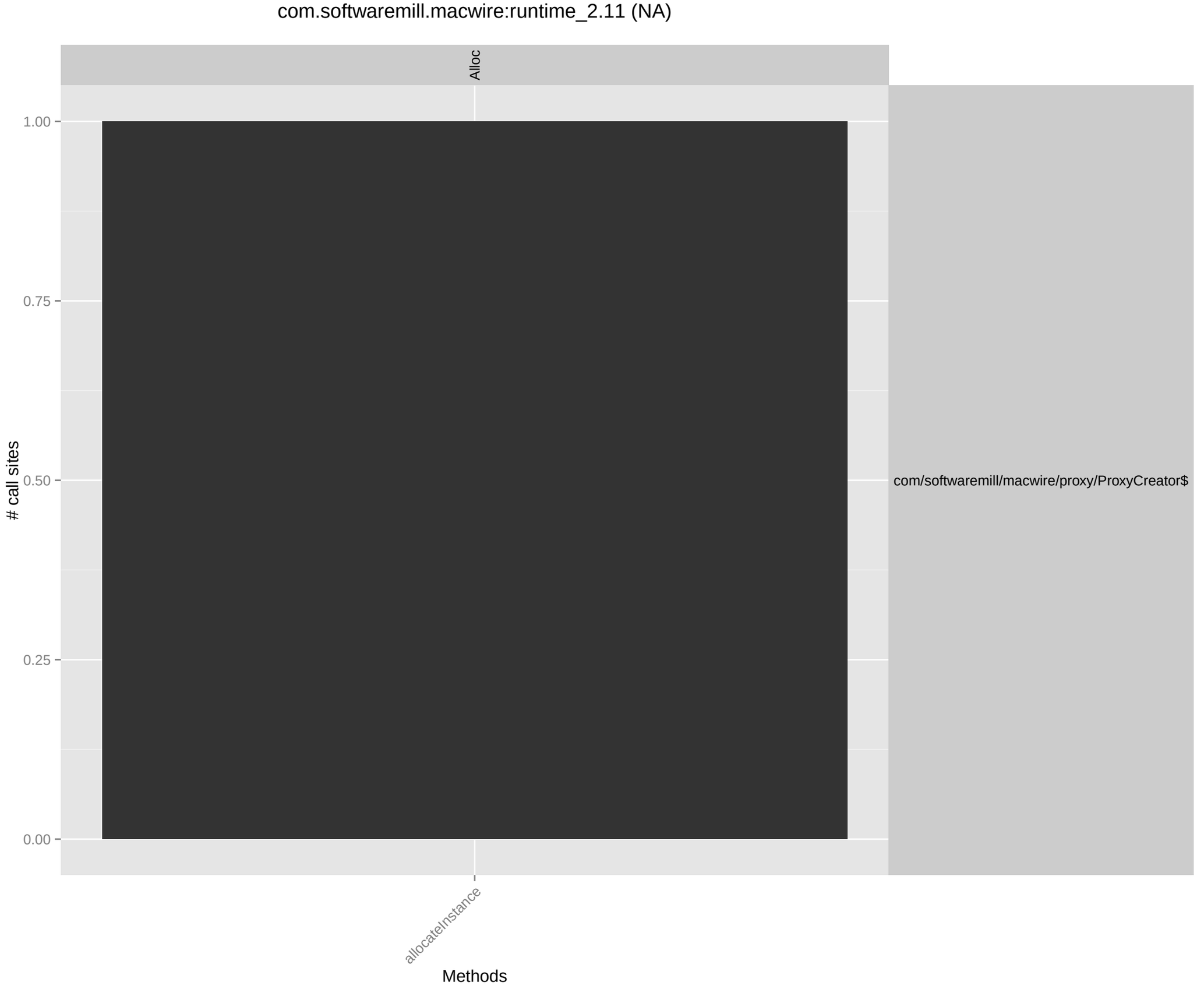

com.savoirtech:cassandra−all (NA)
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/cassandra/io/util/Memory
org/apache/cassandra/utils/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getLong
allocateMemory
freeMemory
setMemory
objectFieldOffset
putByte
putLong
getUnsafe
Methods

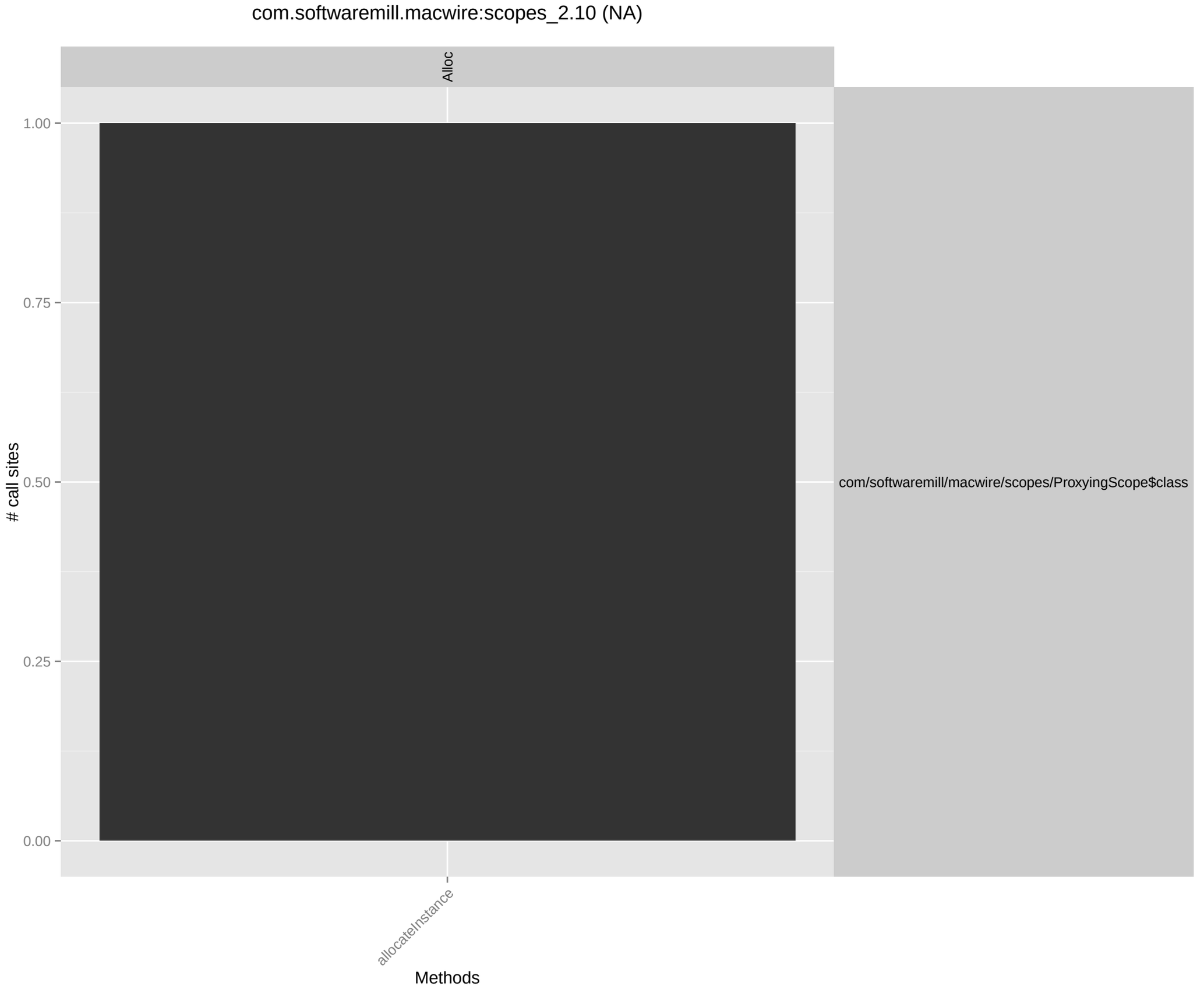

com.sematext:solr−redis (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

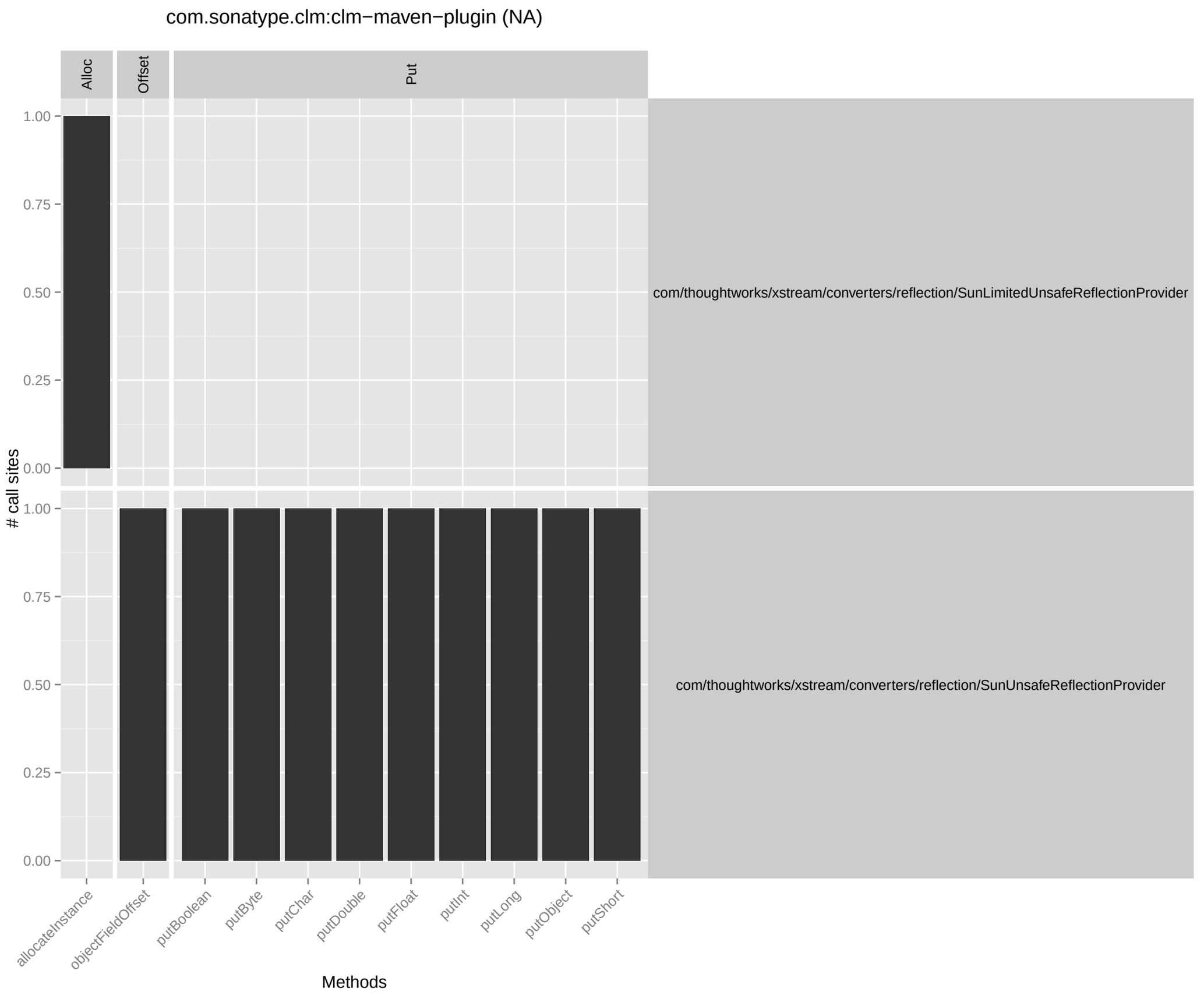

com.senseidb:compressor (NA)
Get
Off−Heap
Put
com/senseidb/compressor/idset/MemoryAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getInt
getLong
getShort
setMemory
putByte
putInt
putLong
Methods

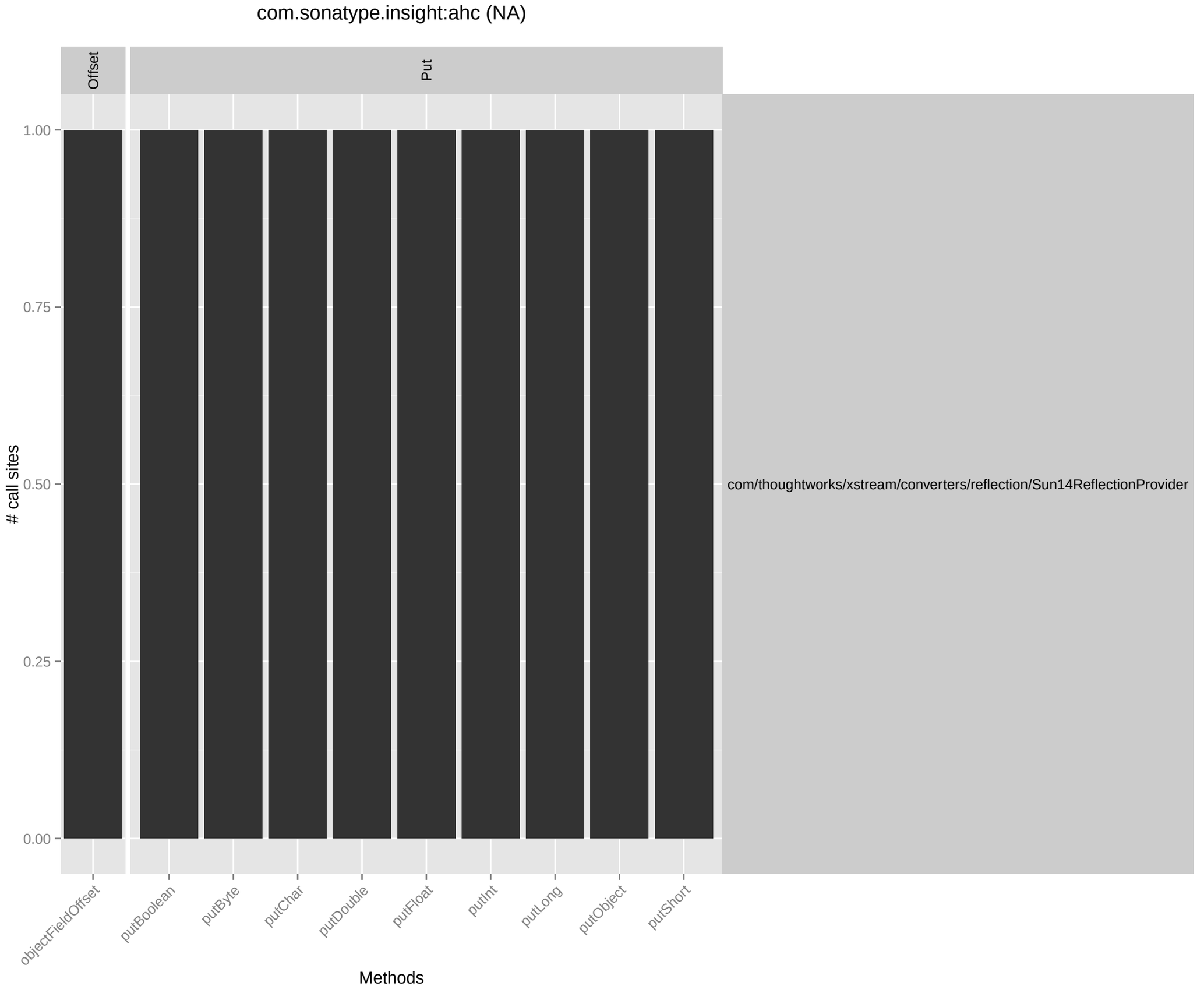

com.sharethis:mongomigration (NA)
Alloc
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0.0
0.5
1.0
1.5
2.0
allocateInstance
arrayBaseOffset
arrayIndexScale
getLong
Methods

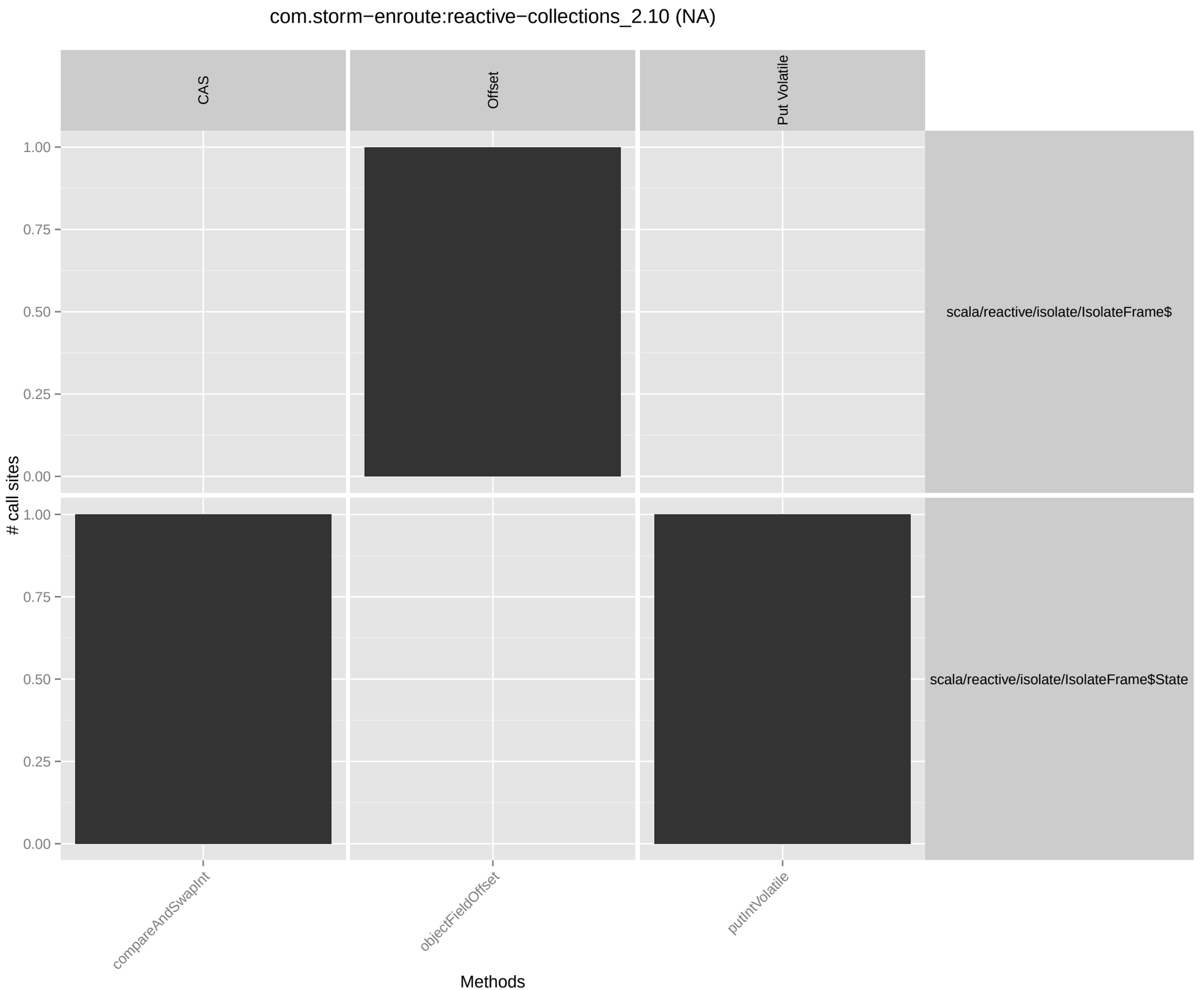

com.softwaremill.macwire:runtime_2.10 (NA)
Alloc
com/softwaremill/macwire/proxy/ProxyCreator$
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
Methods

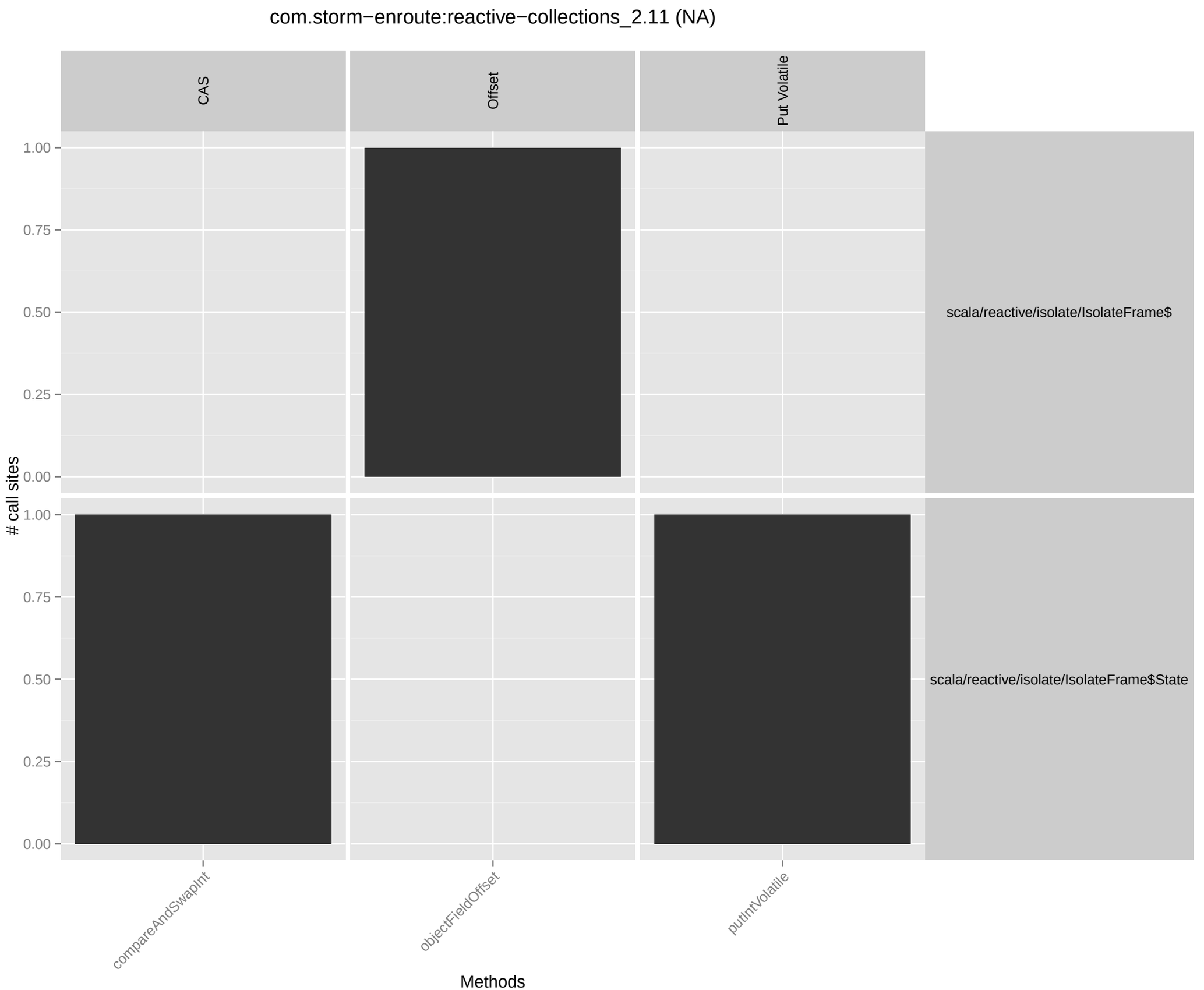

com.softwaremill.macwire:runtime_2.11 (NA)
Alloc
com/softwaremill/macwire/proxy/ProxyCreator$
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
Methods

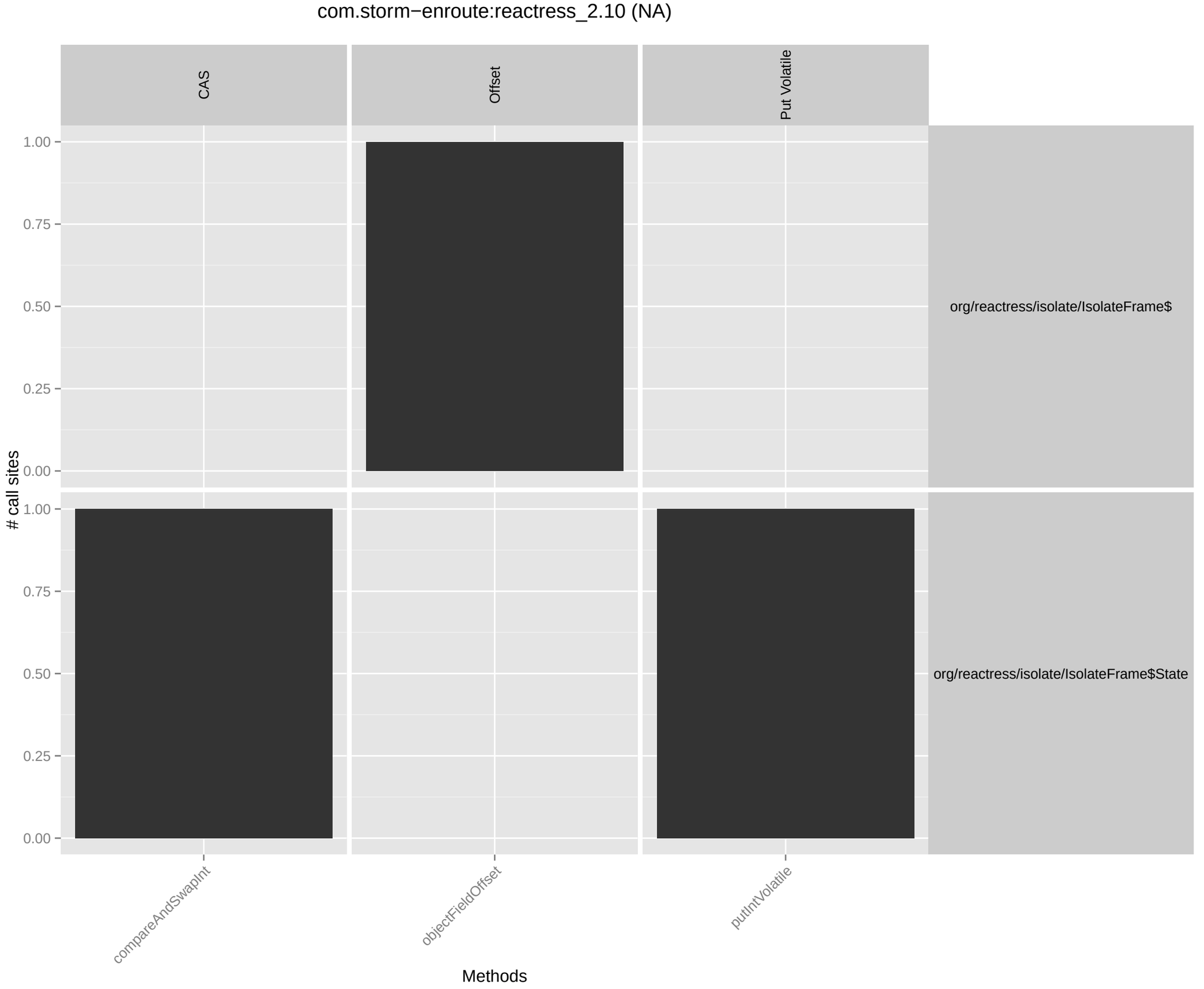

com.softwaremill.macwire:scopes_2.10 (NA)
Alloc
com/softwaremill/macwire/scopes/ProxyingScope$class
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
Methods

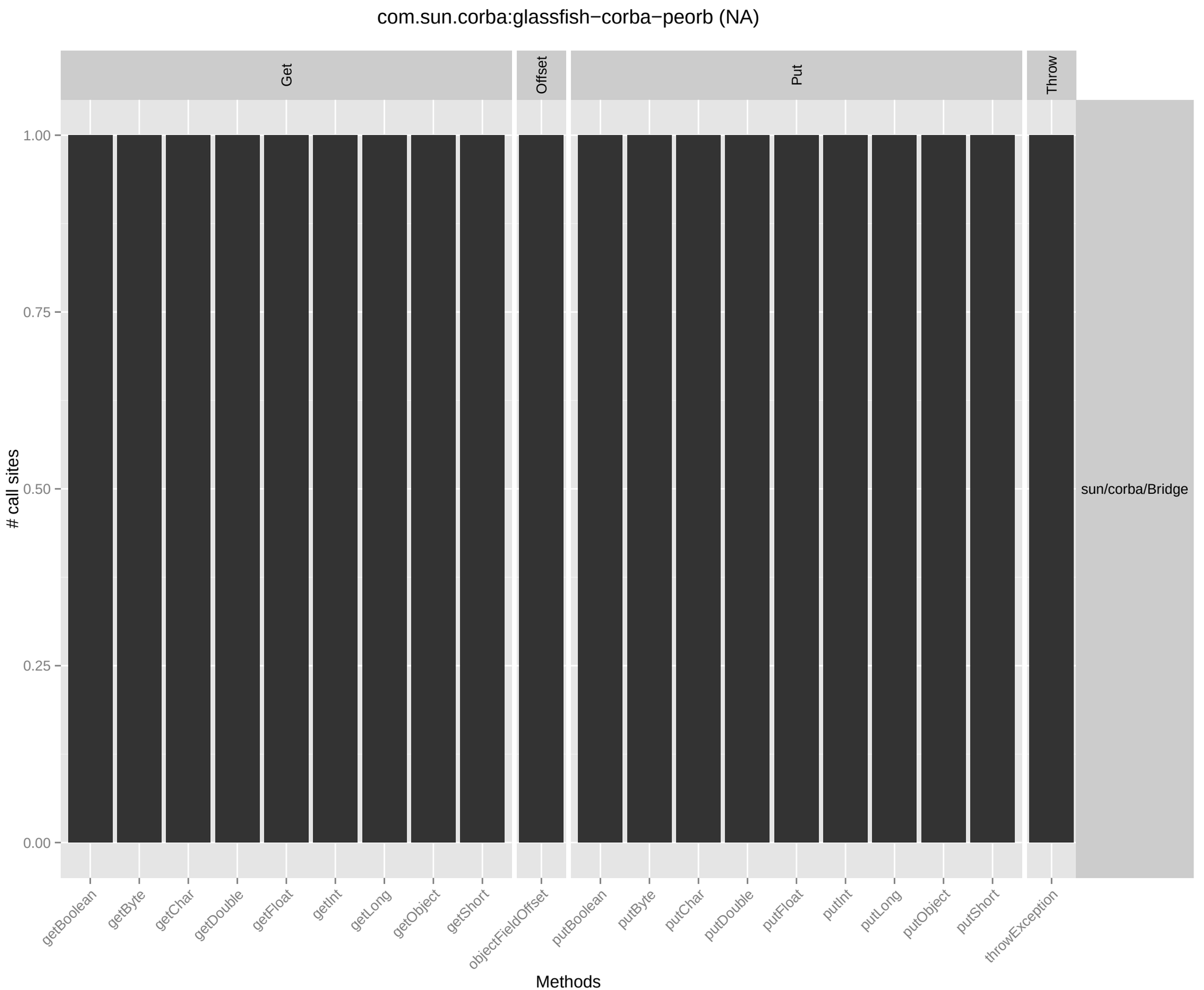

com.sonatype.clm:clm−maven−plugin (NA)
Alloc
Offset
Put
com/thoughtworks/xstream/converters/reflection/SunLimitedUnsafeReflectionProvider
com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

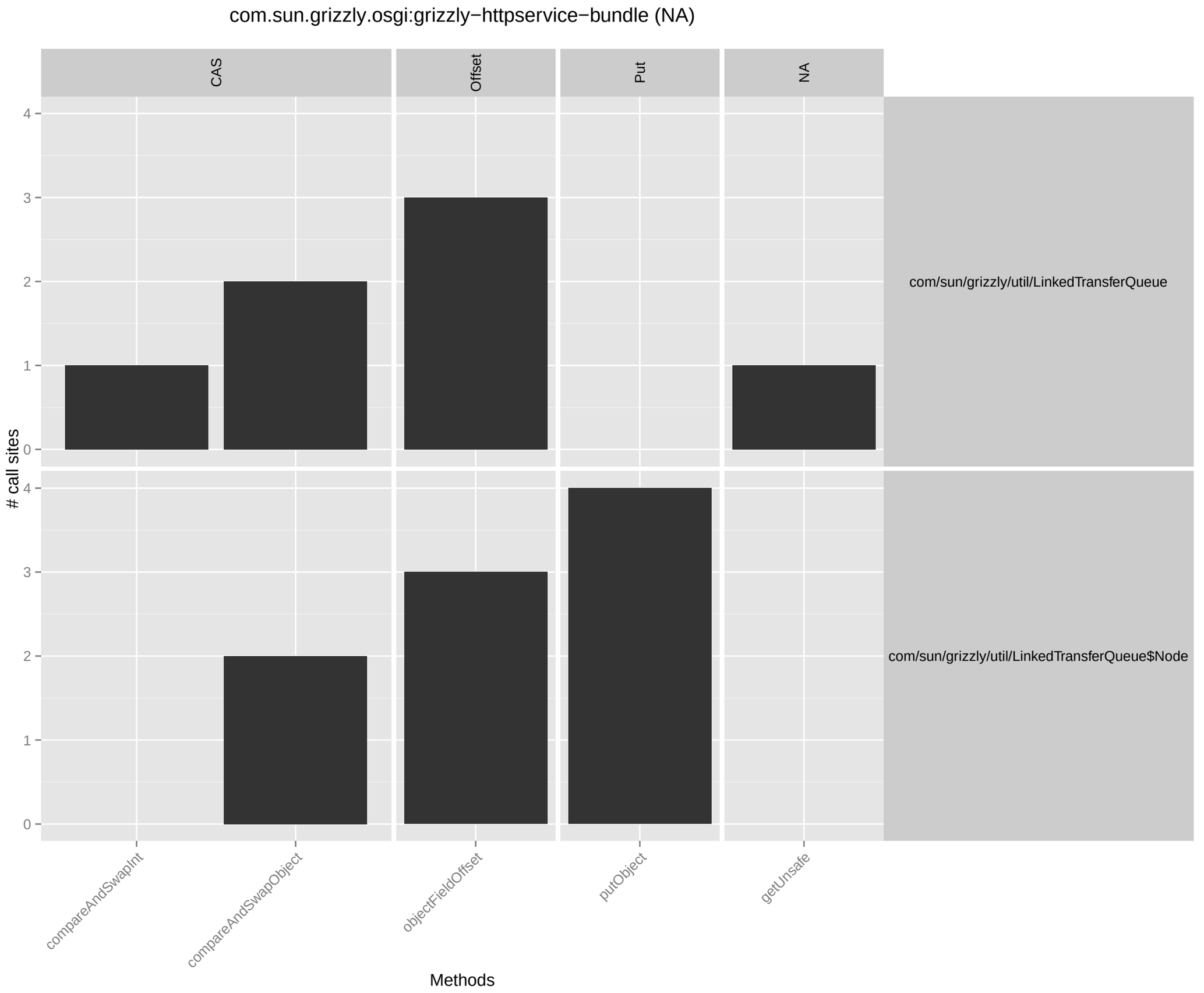

com.sonatype.insight:ahc (NA)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

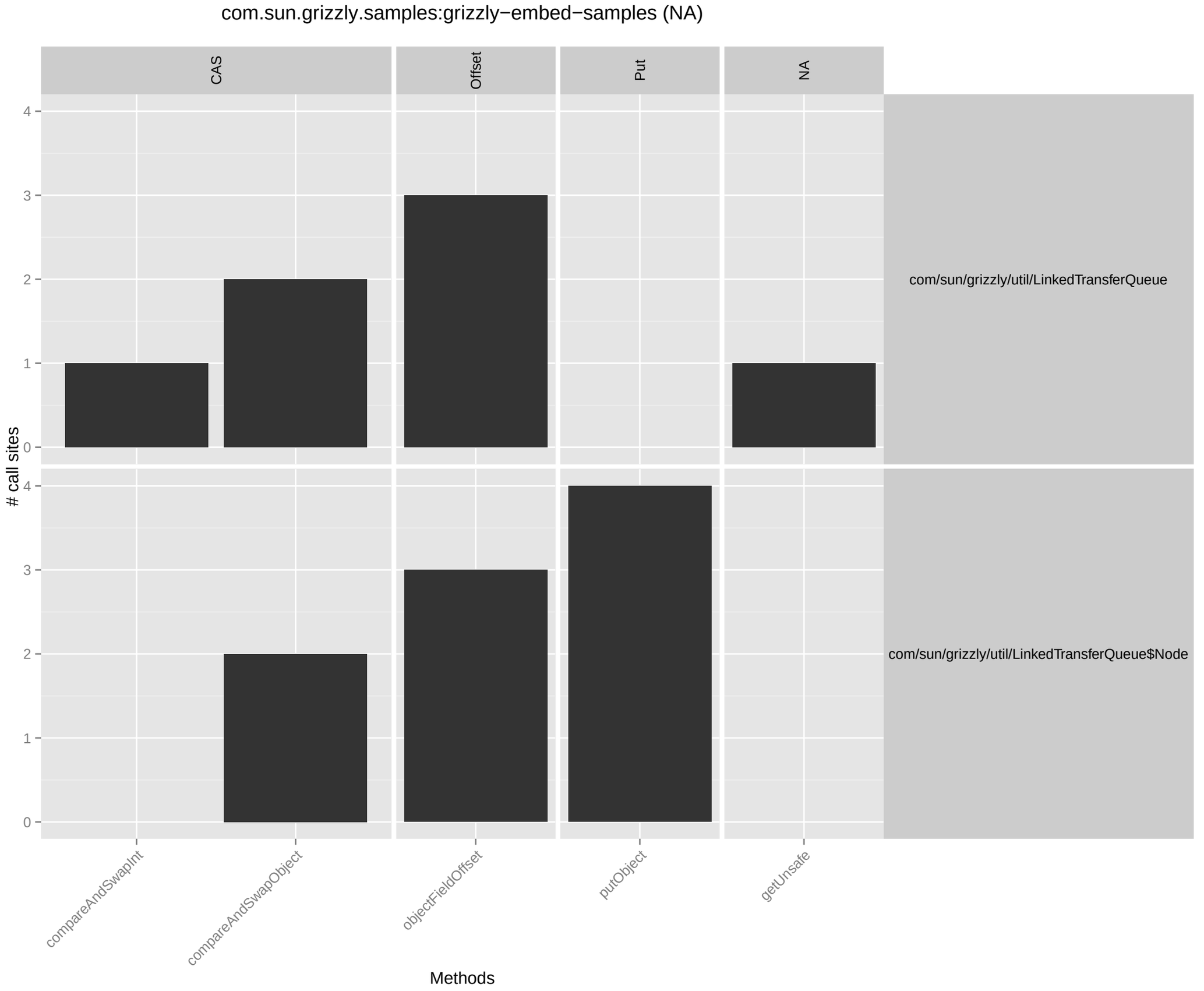

com.storm−enroute:reactive−collections_2.10 (NA)
CAS
Offset
Put Volatile
scala/reactive/isolate/IsolateFrame$
scala/reactive/isolate/IsolateFrame$State
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapInt
objectFieldOffset
putIntVolatile
Methods

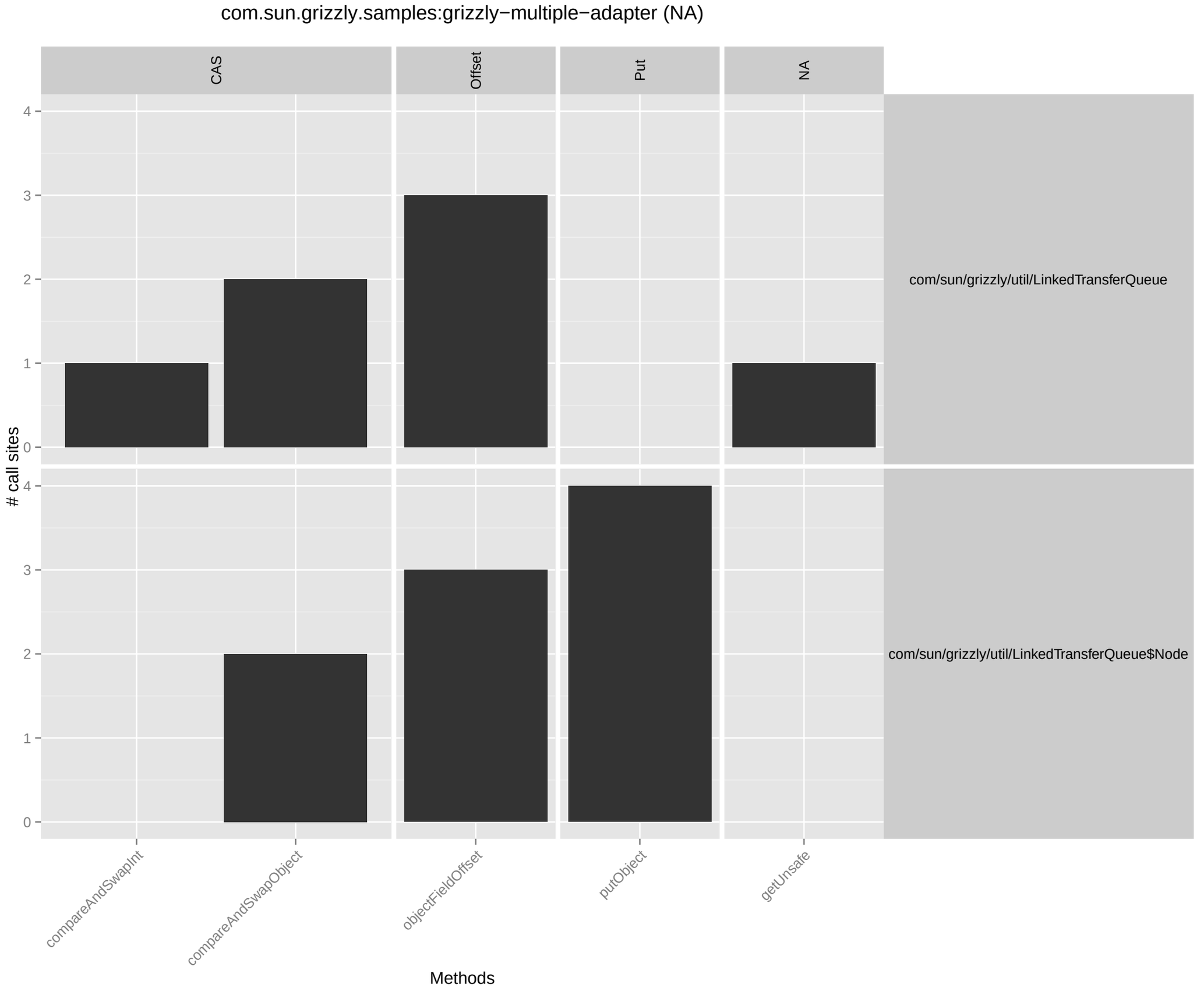

com.storm−enroute:reactive−collections_2.11 (NA)
CAS
Offset
Put Volatile
scala/reactive/isolate/IsolateFrame$
scala/reactive/isolate/IsolateFrame$State
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapInt
objectFieldOffset
putIntVolatile
Methods

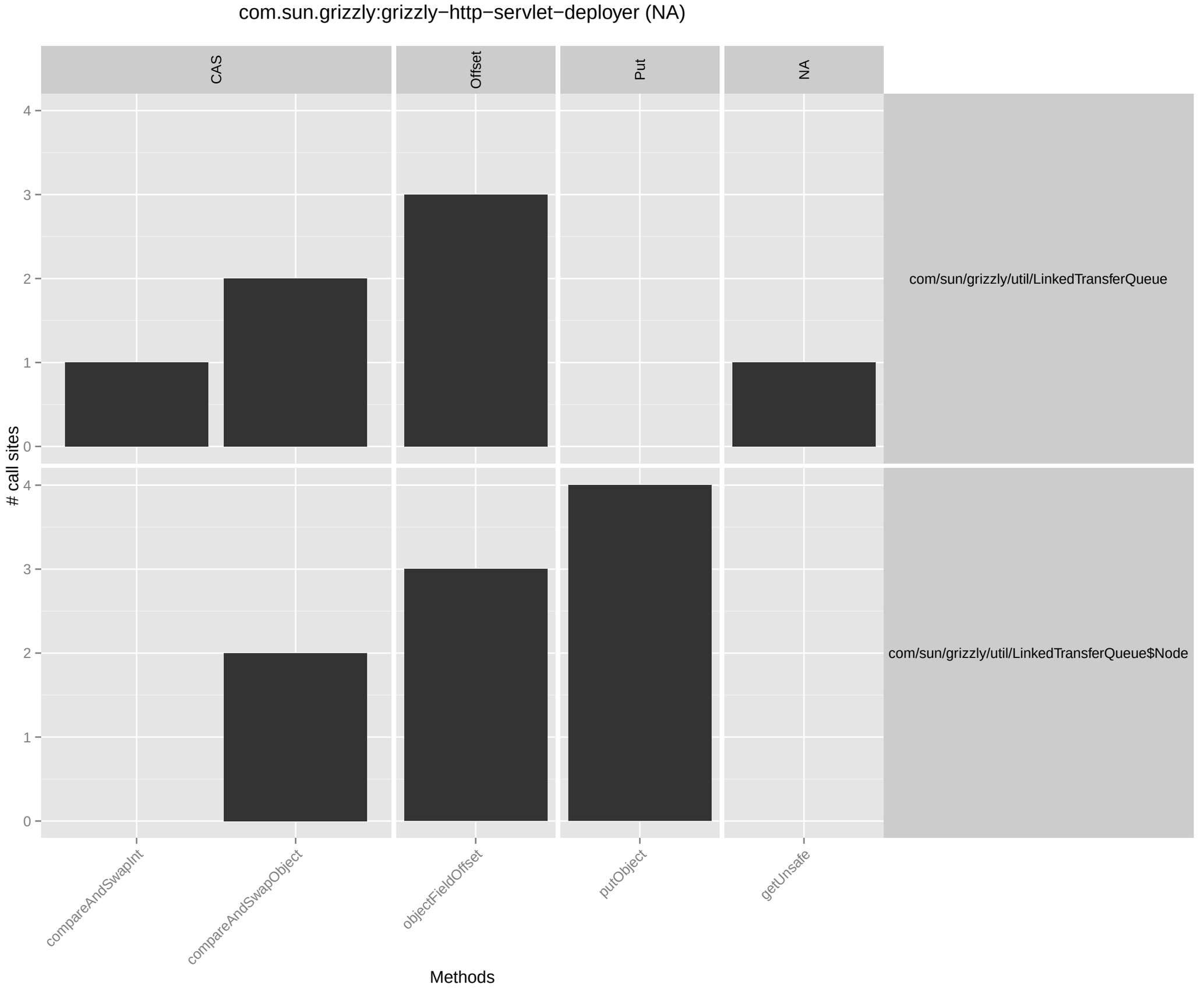

com.storm−enroute:reactress_2.10 (NA)
CAS
Offset
Put Volatile
org/reactress/isolate/IsolateFrame$
org/reactress/isolate/IsolateFrame$State
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapInt
objectFieldOffset
putIntVolatile
Methods

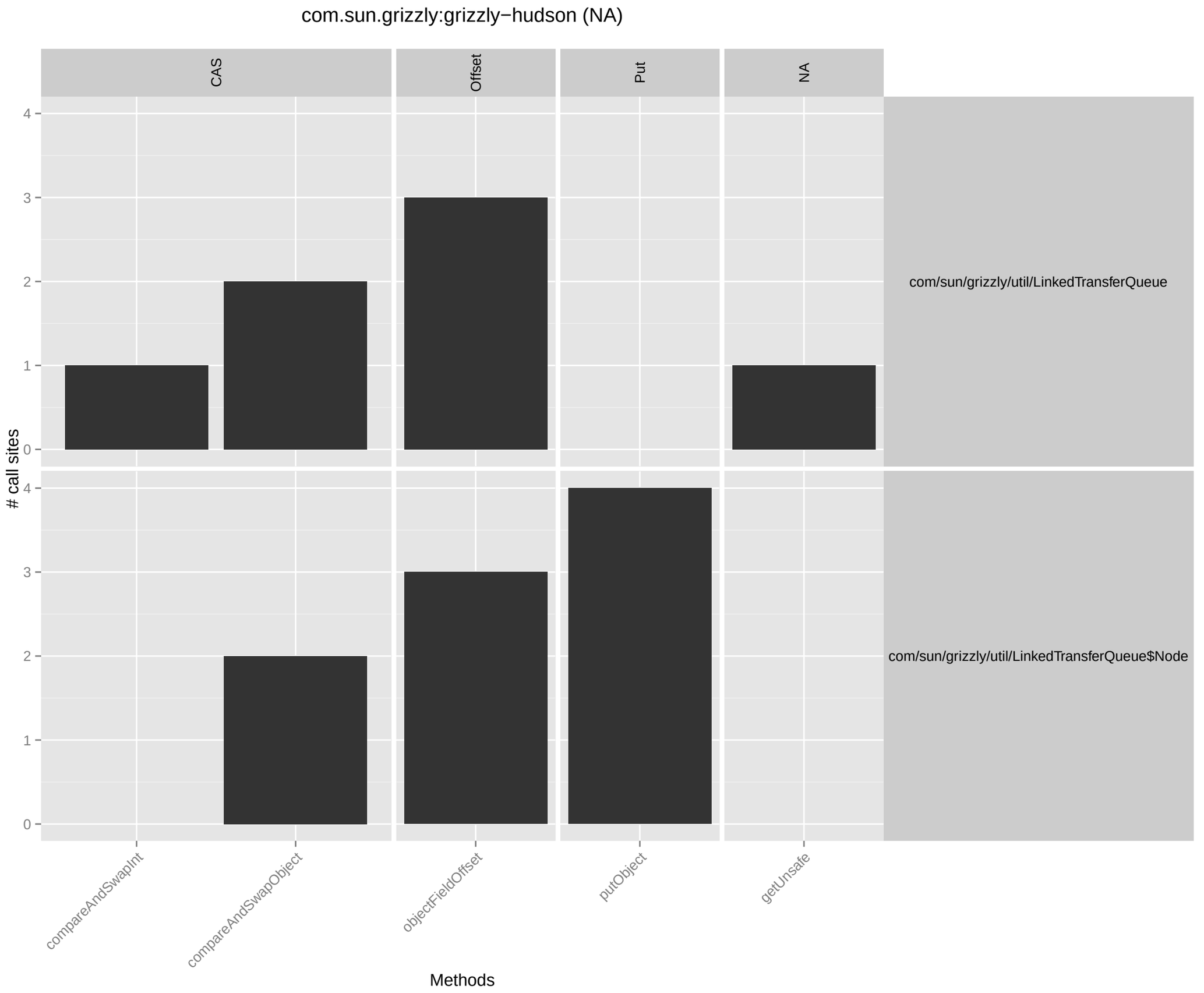

com.sun.corba:glassfish−corba−peorb (NA)
Get
Offset
Put
Throw
sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

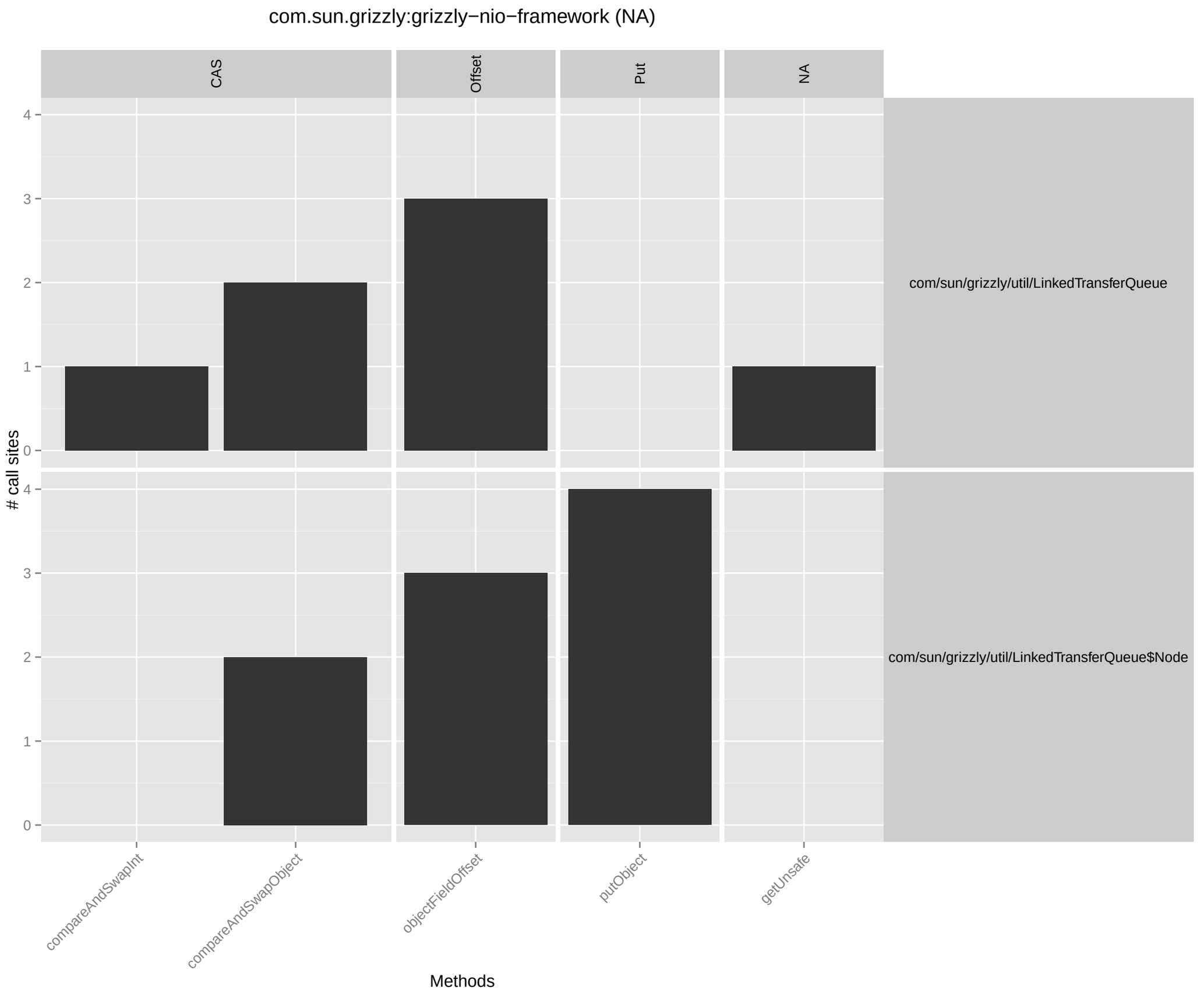

com.sun.grizzly.osgi:grizzly−httpservice−bundle (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

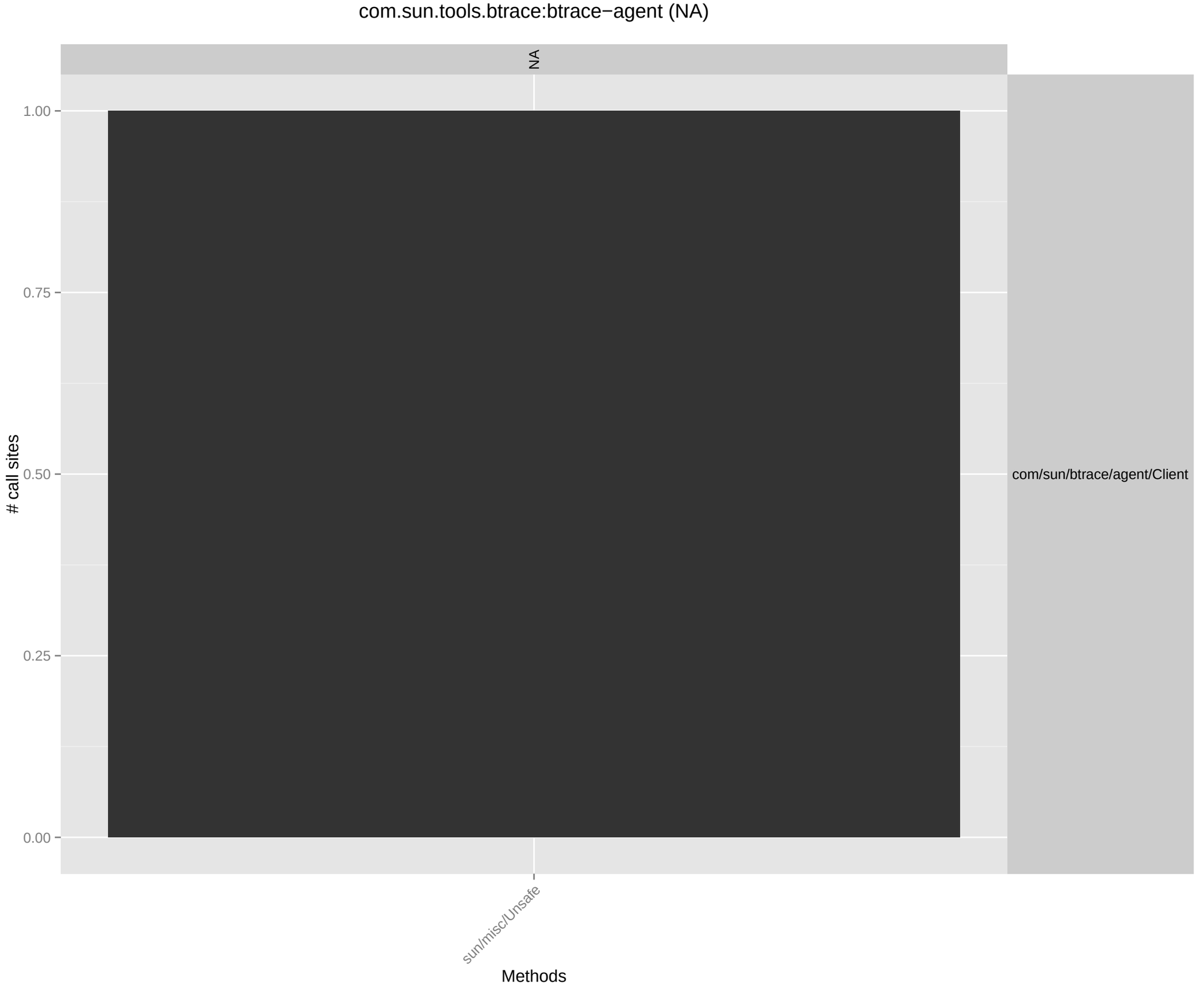

com.sun.grizzly.samples:grizzly−embed−samples (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

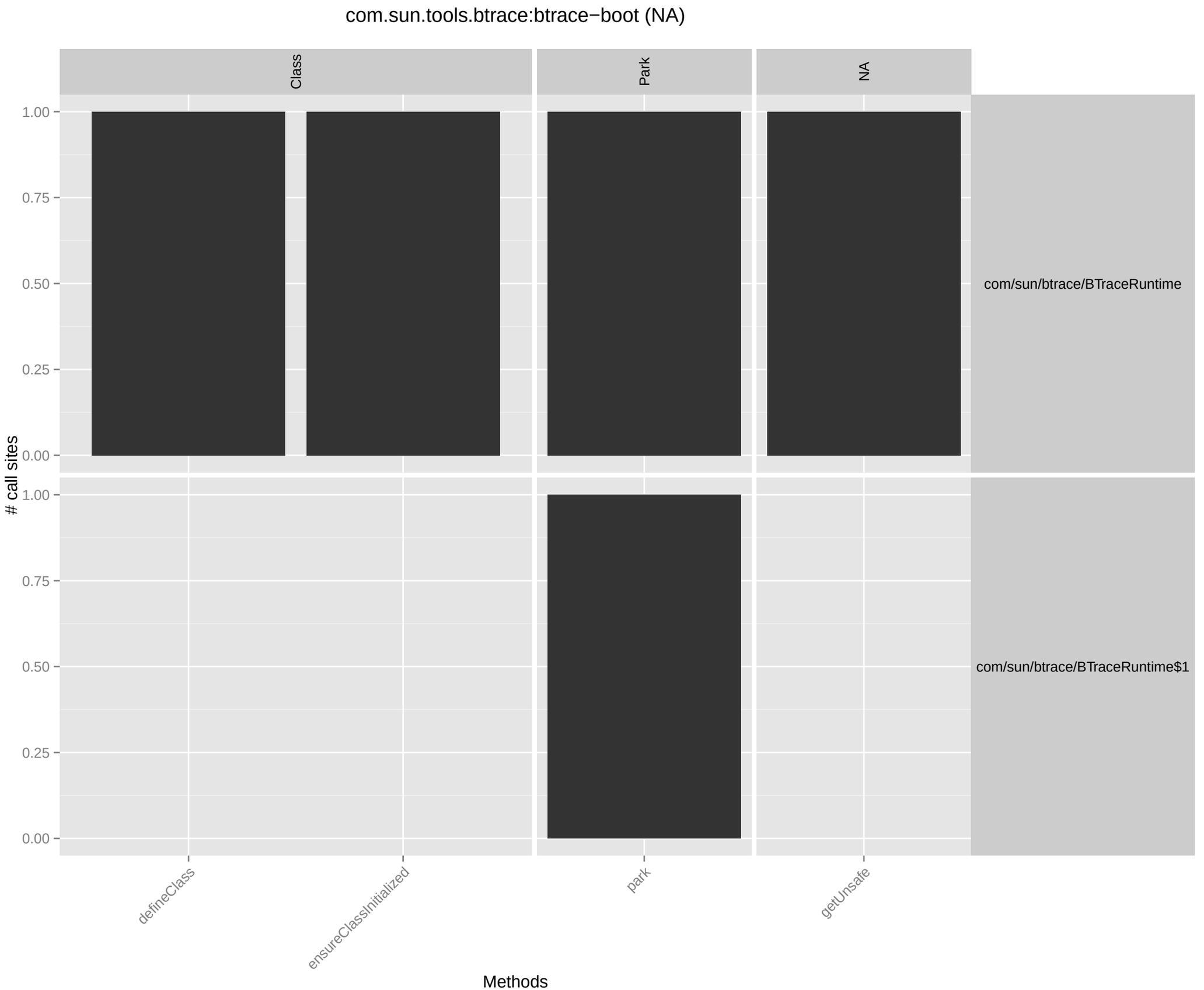

com.sun.grizzly.samples:grizzly−multiple−adapter (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

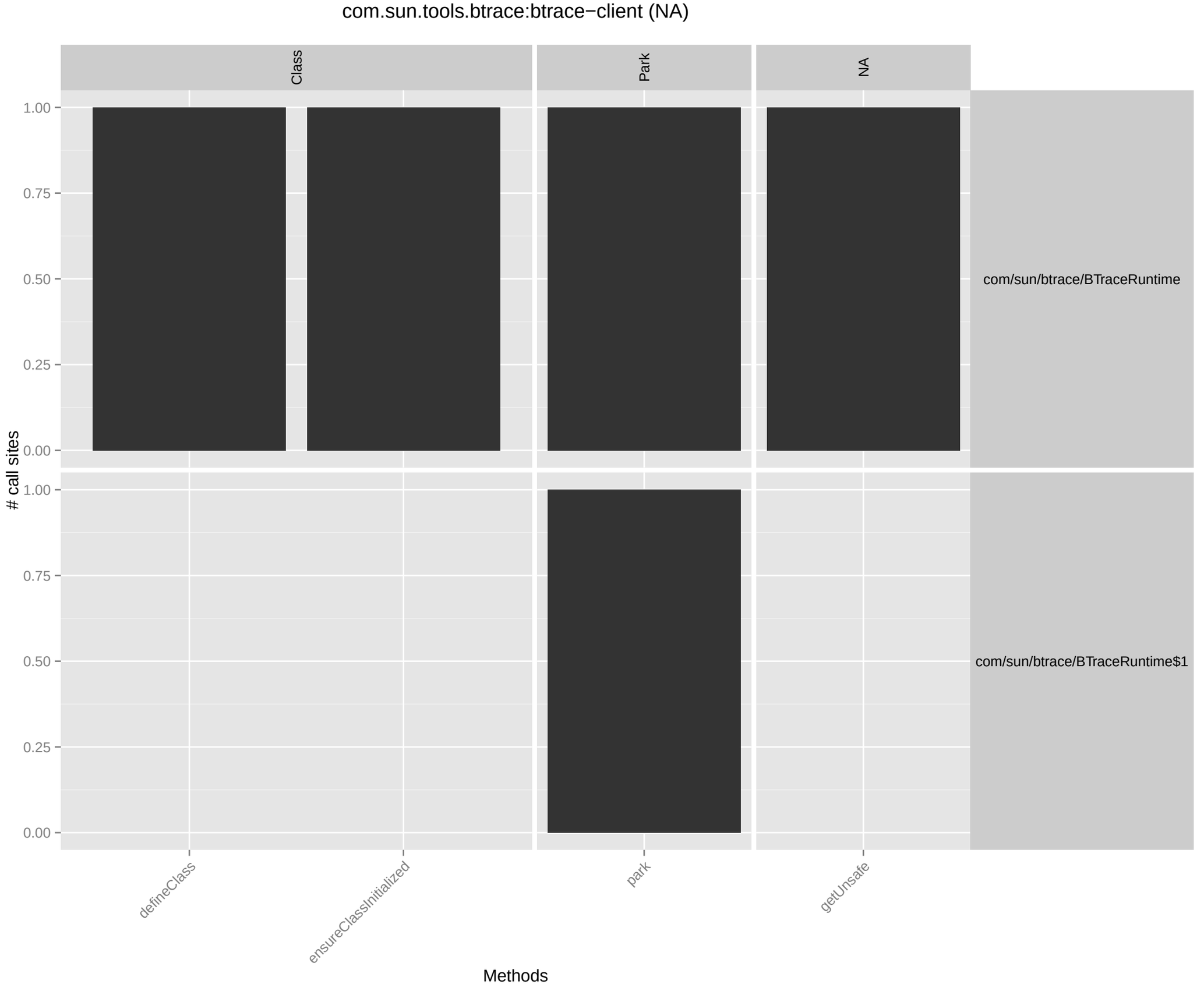

com.sun.grizzly:grizzly−http−servlet−deployer (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

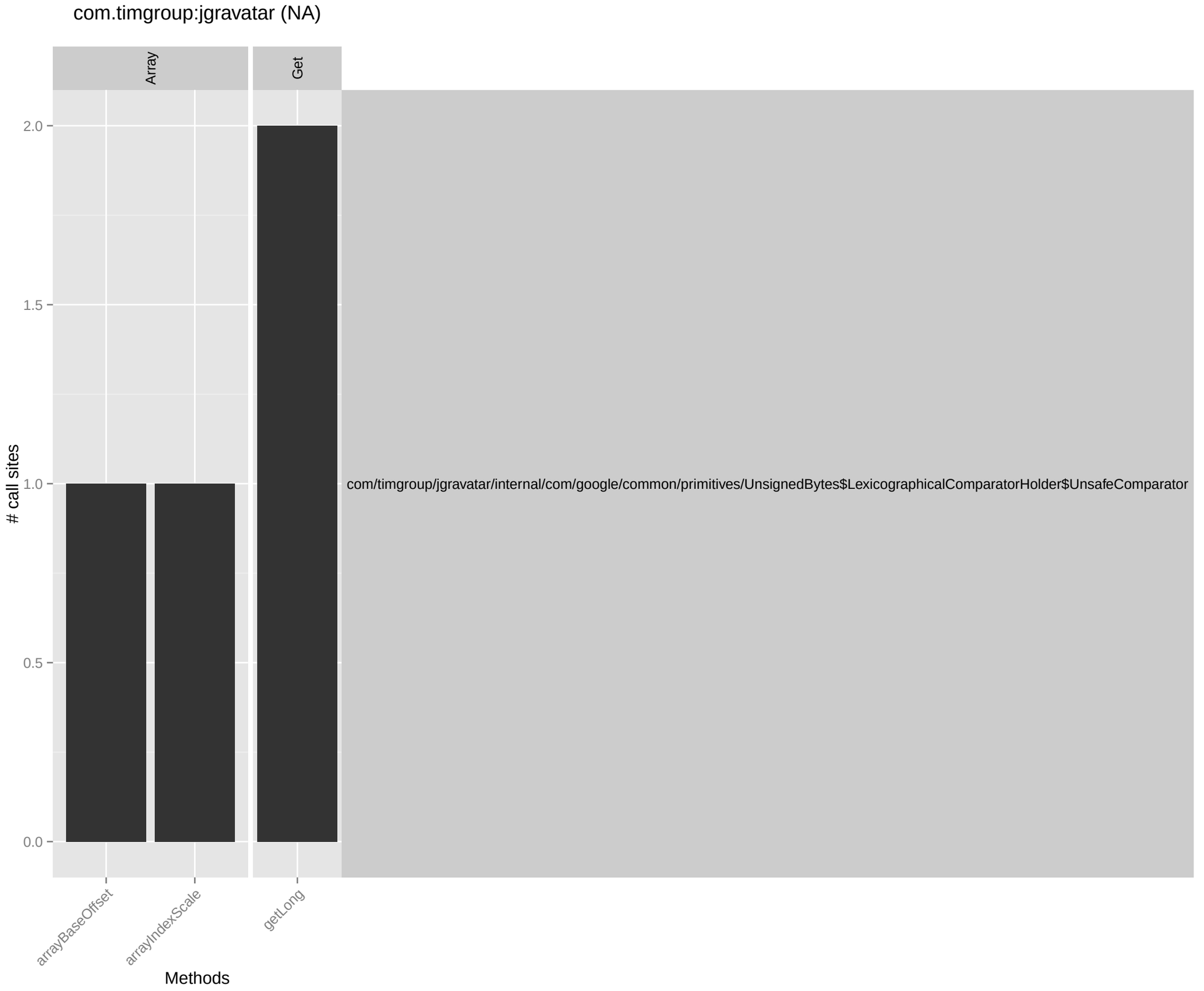

com.sun.grizzly:grizzly−hudson (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

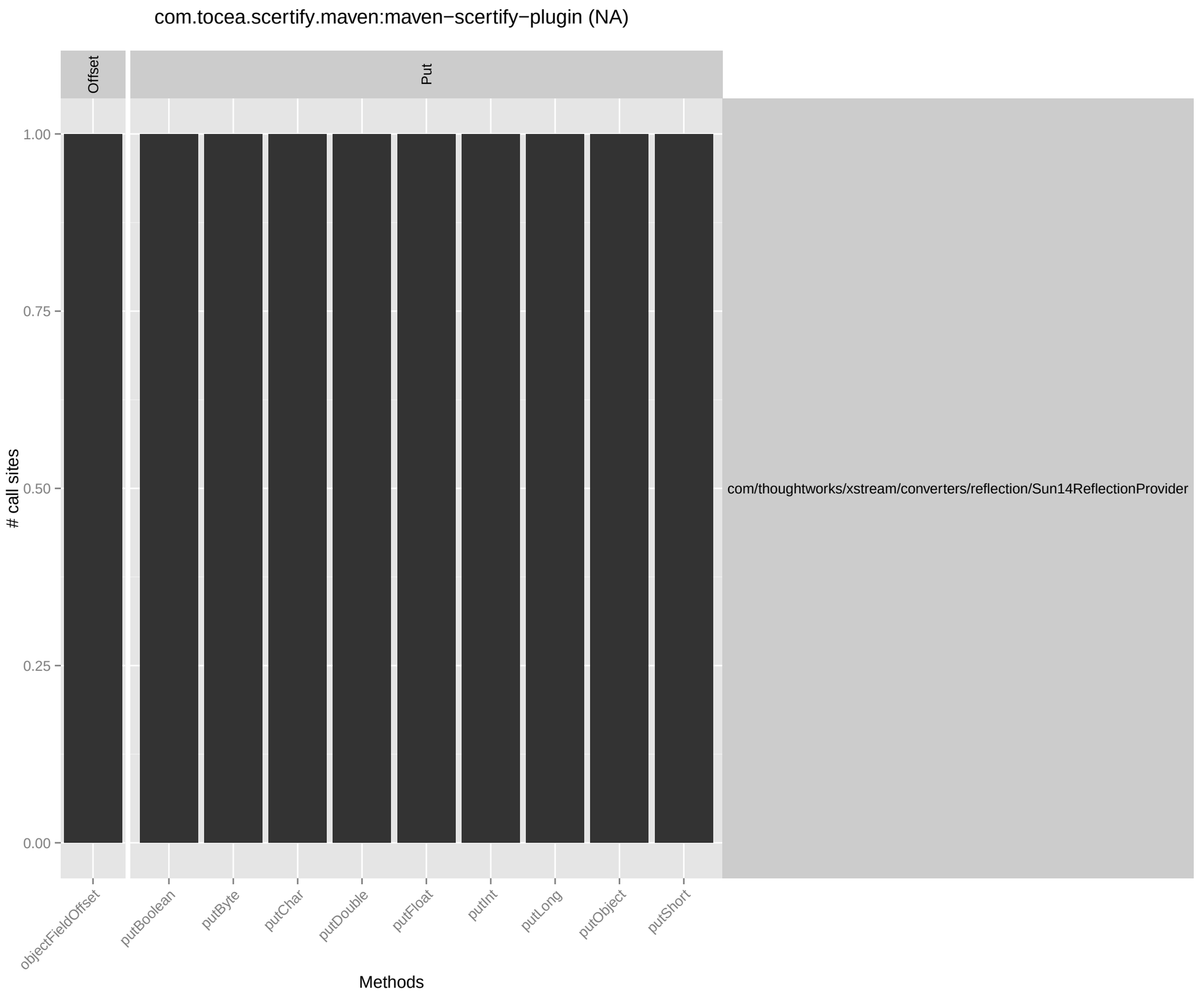

com.sun.grizzly:grizzly−nio−framework (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

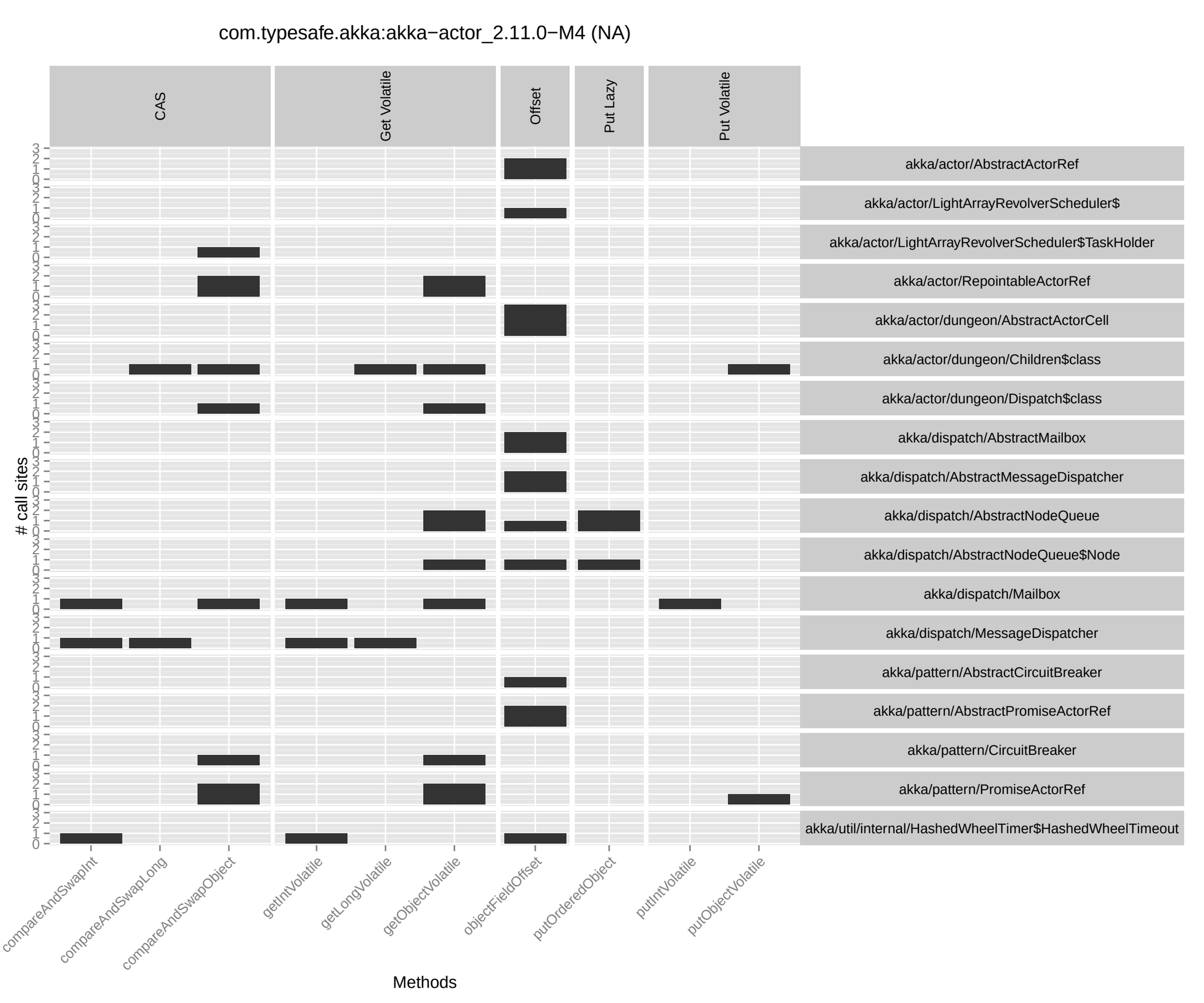

com.sun.tools.btrace:btrace−agent (NA)
NA
1.00
0.75
0.50
0.25
0.00
call sites
com/sun/btrace/agent/Client
sun/misc/Unsafe
Methods

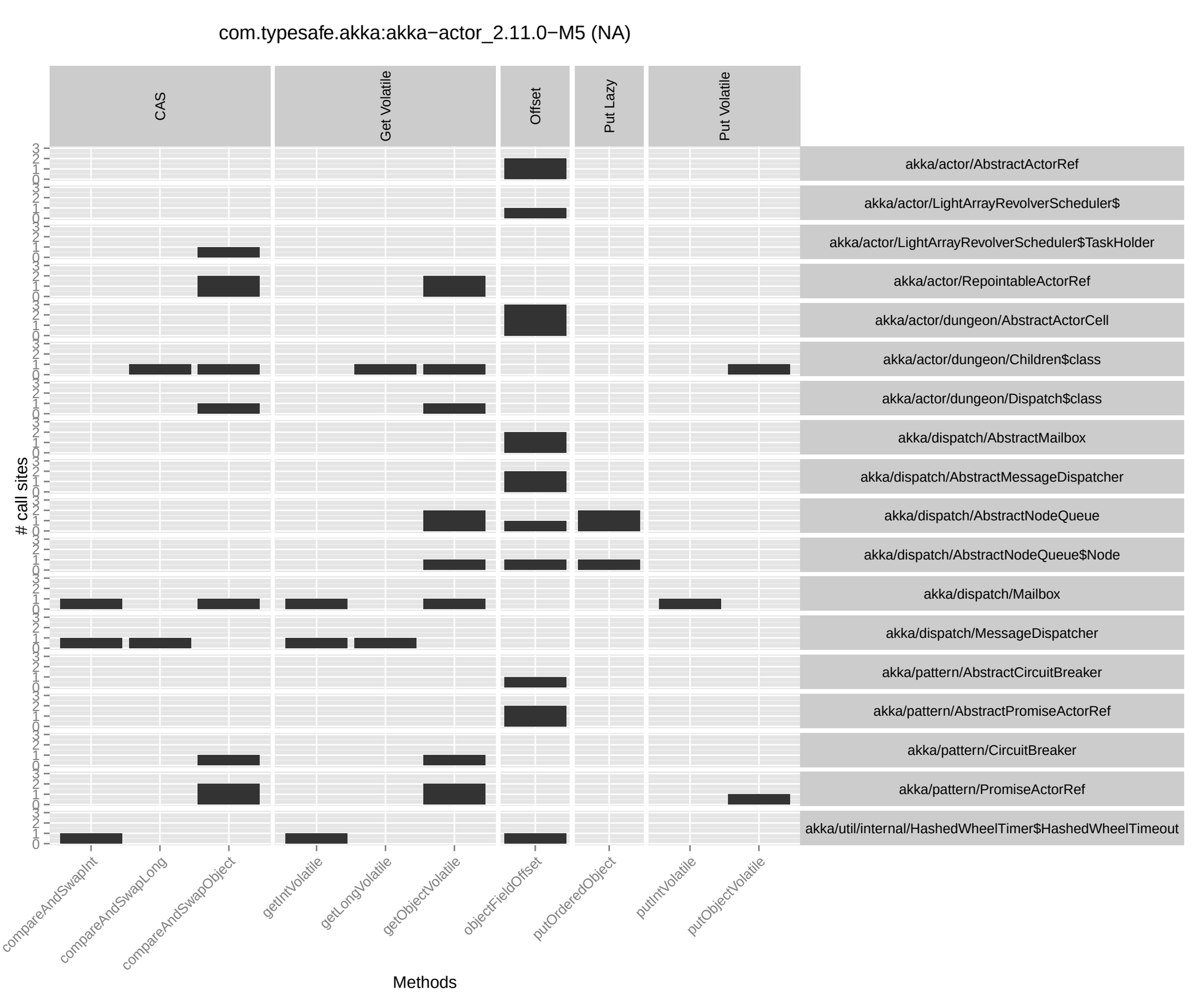

com.sun.tools.btrace:btrace−boot (NA)
Class
Park
NA
com/sun/btrace/BTraceRuntime
com/sun/btrace/BTraceRuntime$1
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
park
getUnsafe
Methods

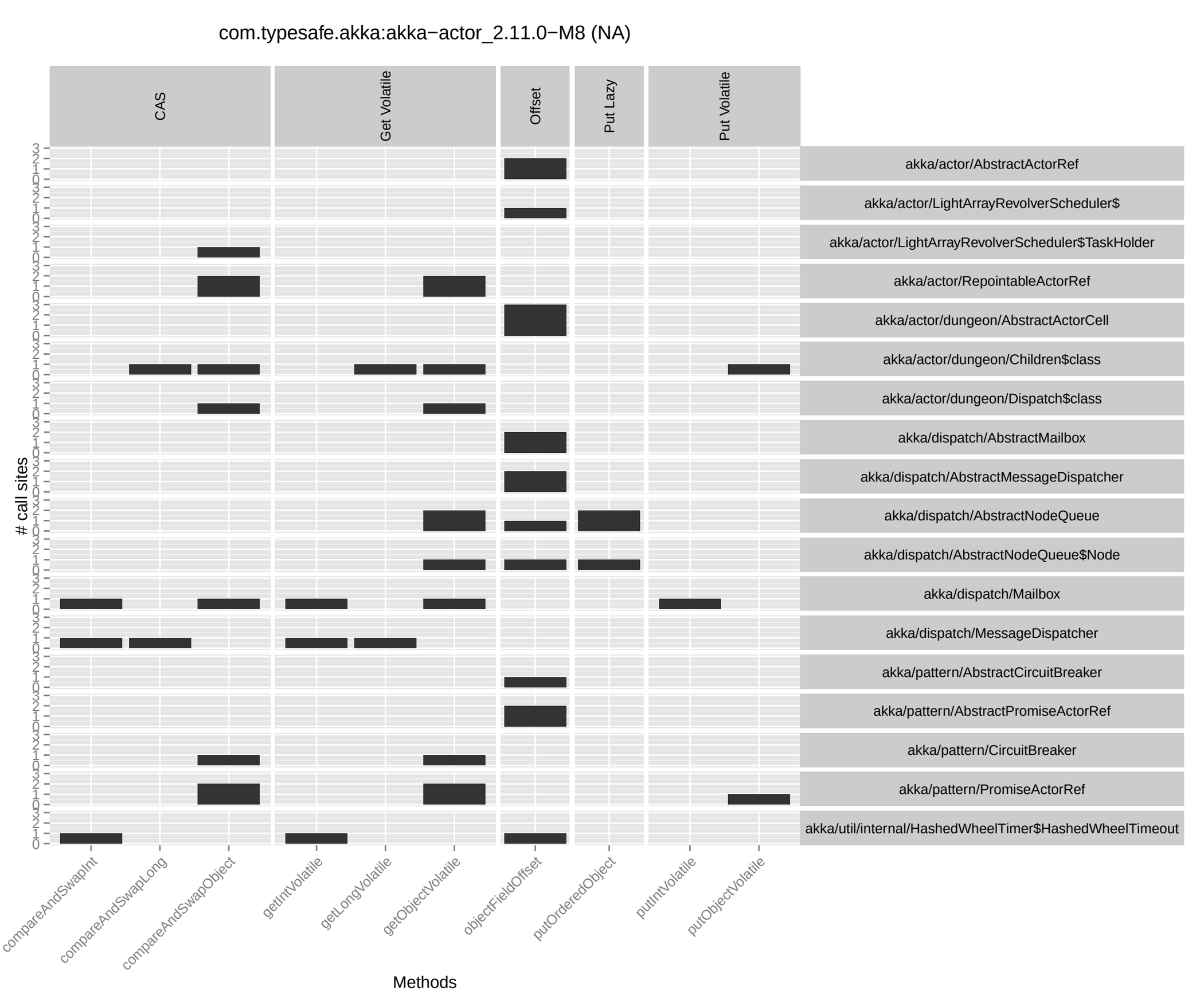

com.sun.tools.btrace:btrace−client (NA)
Class
Park
NA
com/sun/btrace/BTraceRuntime
com/sun/btrace/BTraceRuntime$1
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
park
getUnsafe
Methods

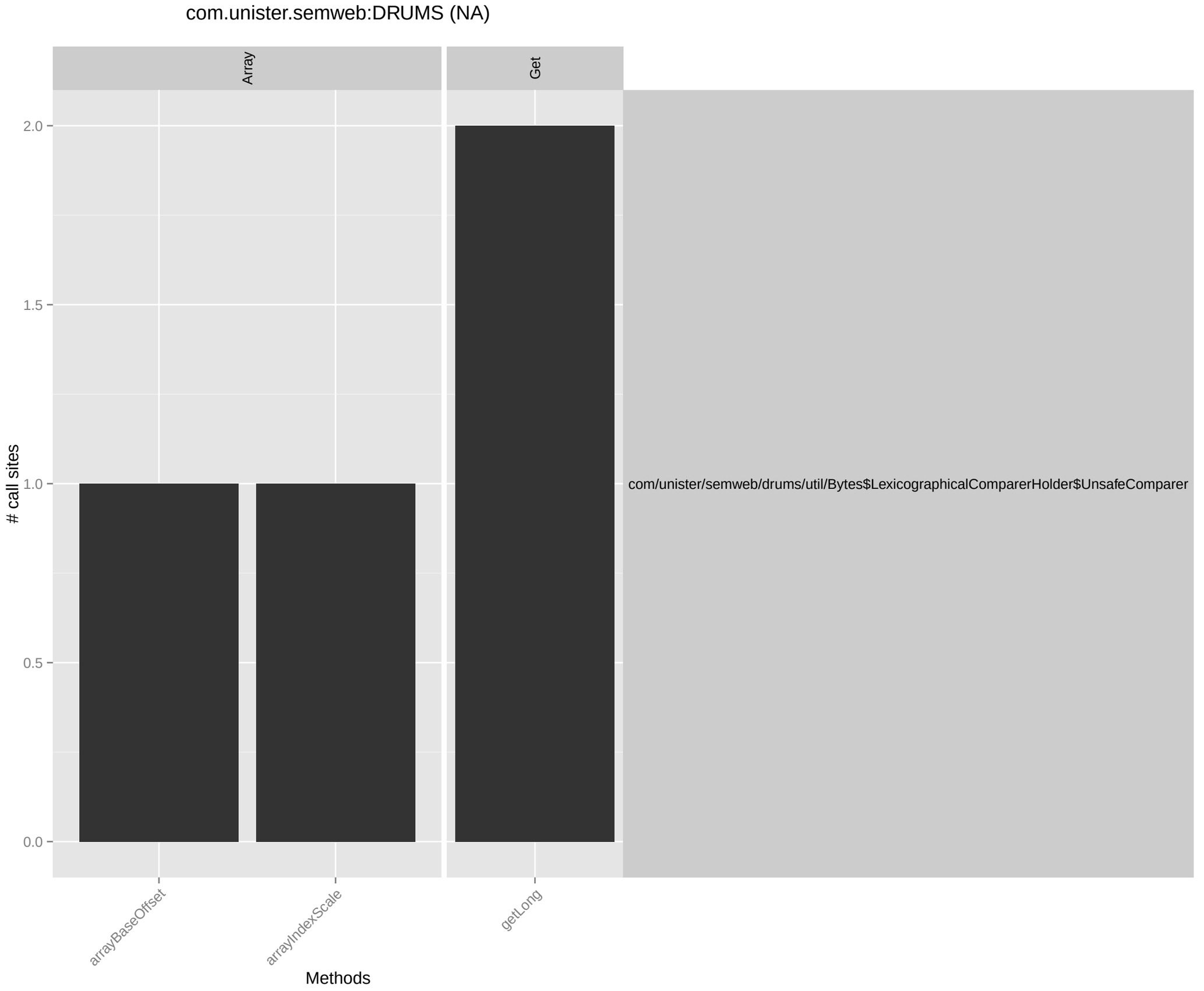

com.timgroup:jgravatar (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/timgroup/jgravatar/internal/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

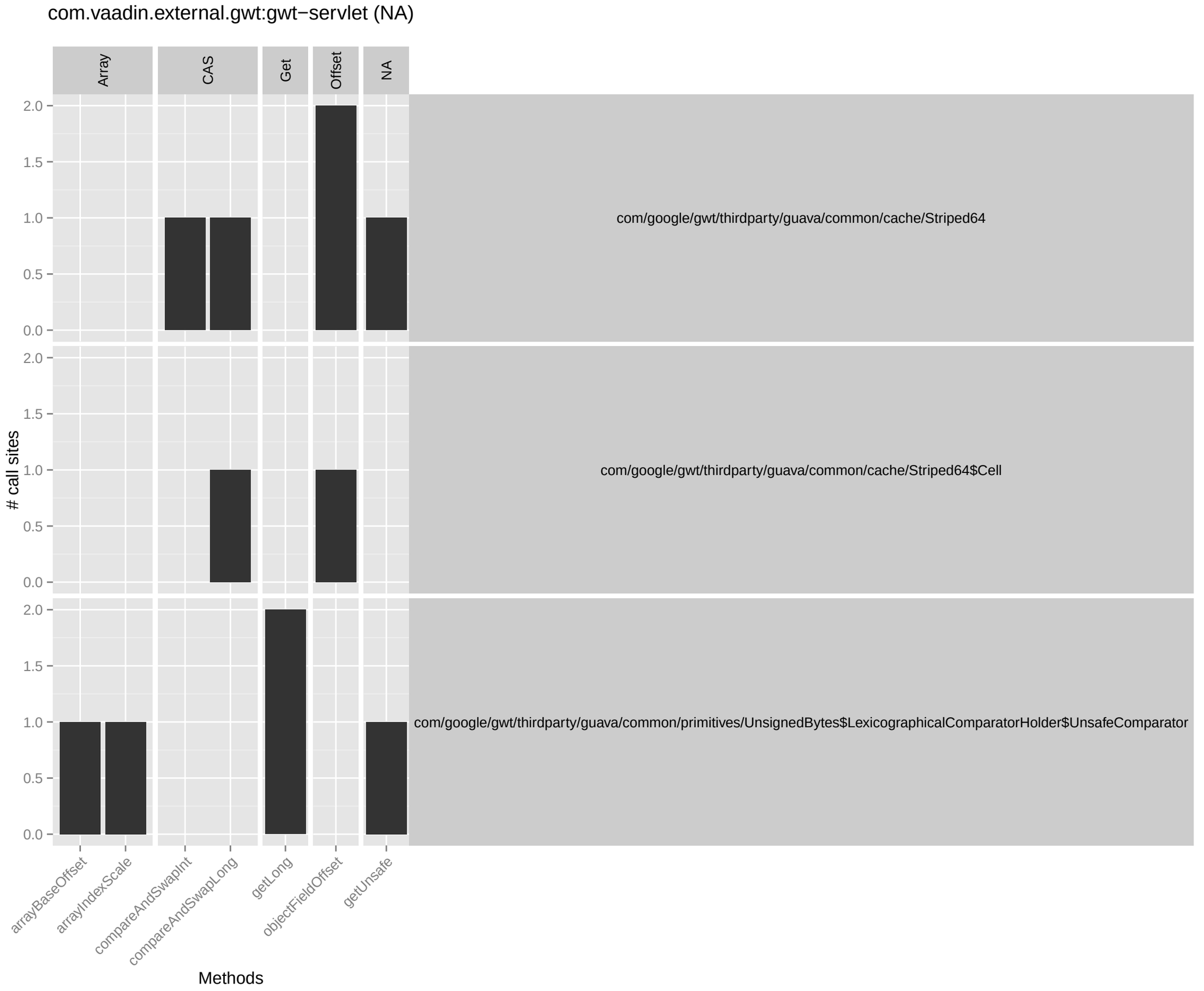

com.tocea.scertify.maven:maven−scertify−plugin (NA)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

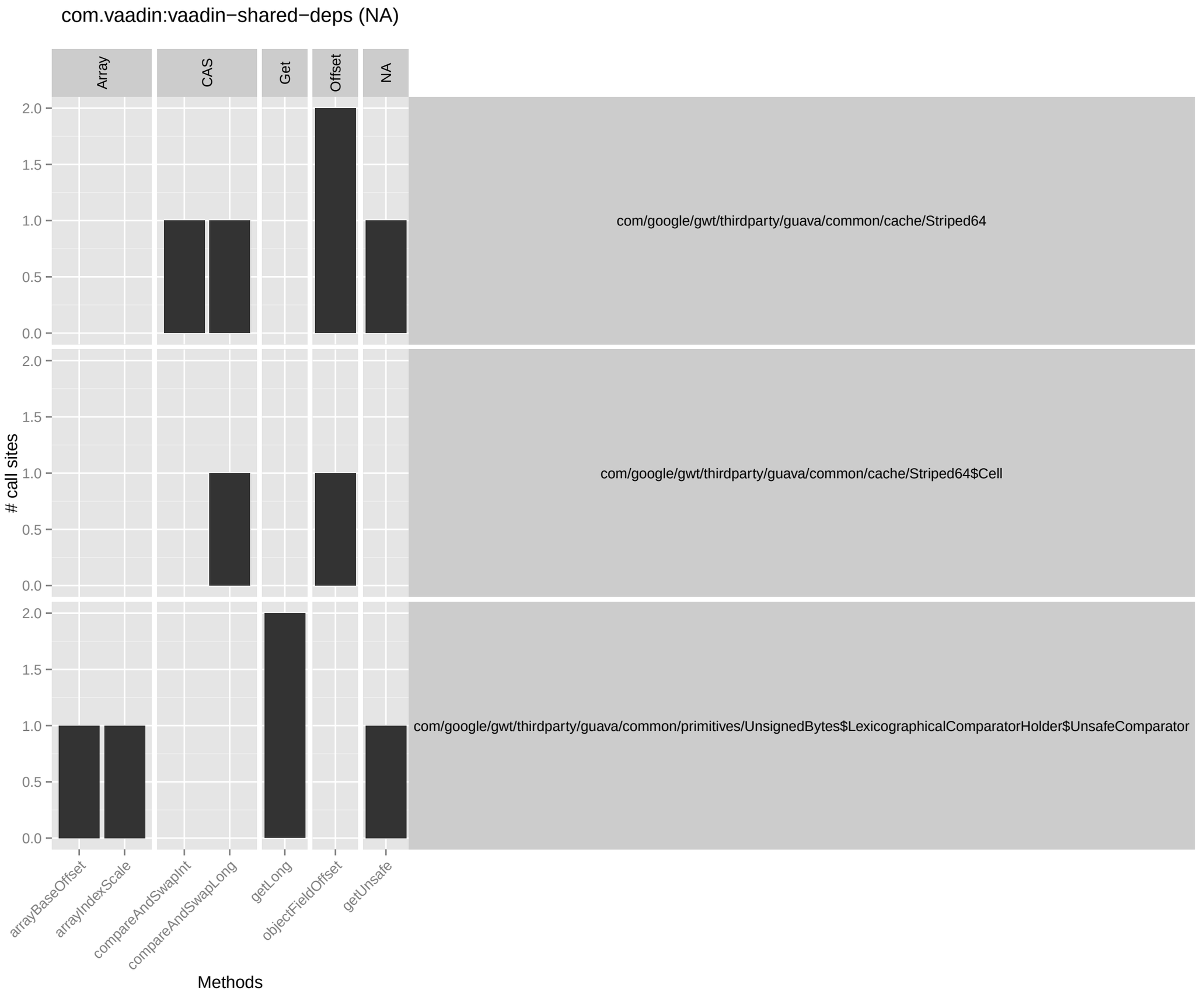

com.typesafe.akka:akka−actor_2.11.0−M4 (NA)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

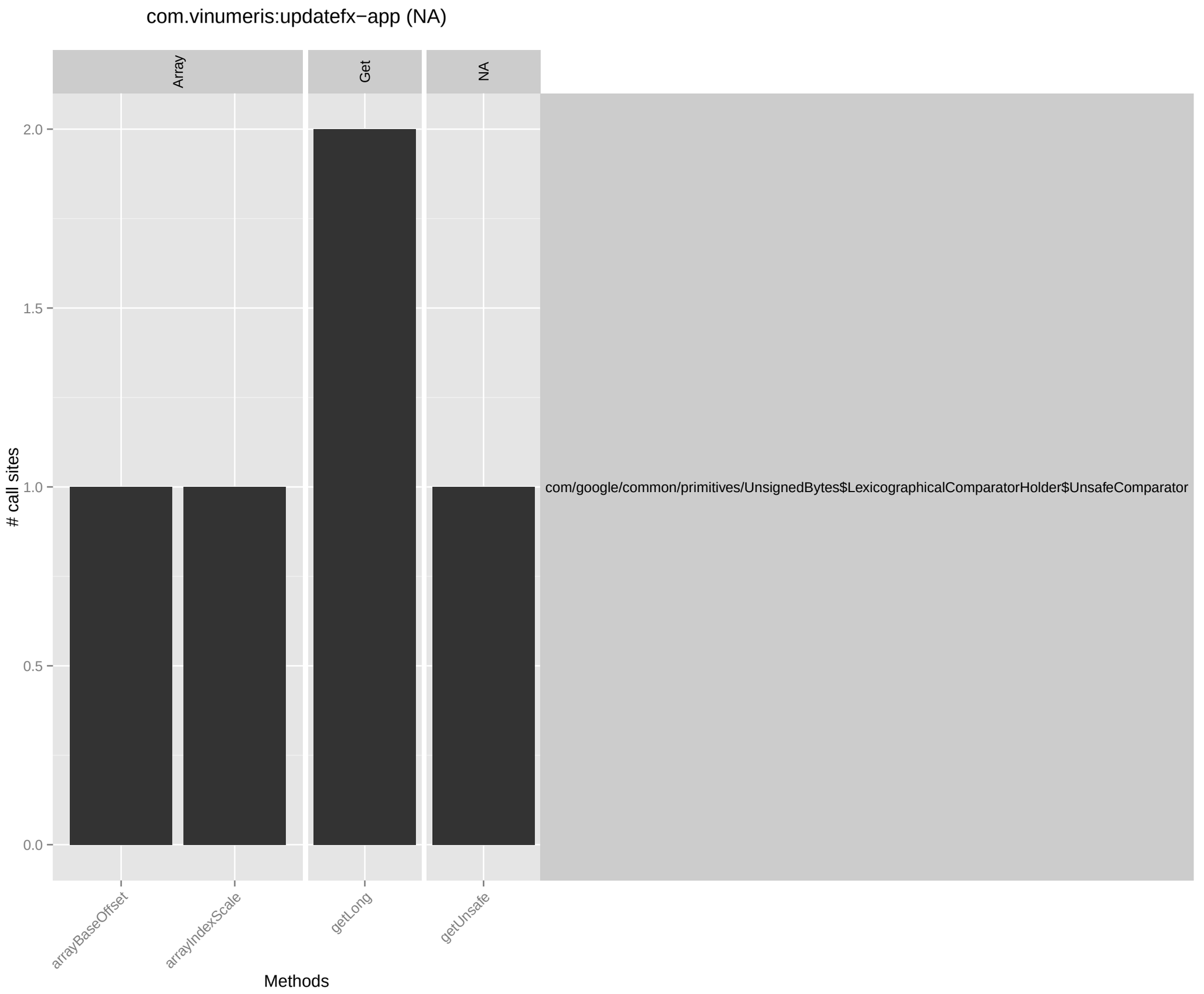

com.typesafe.akka:akka−actor_2.11.0−M5 (NA)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

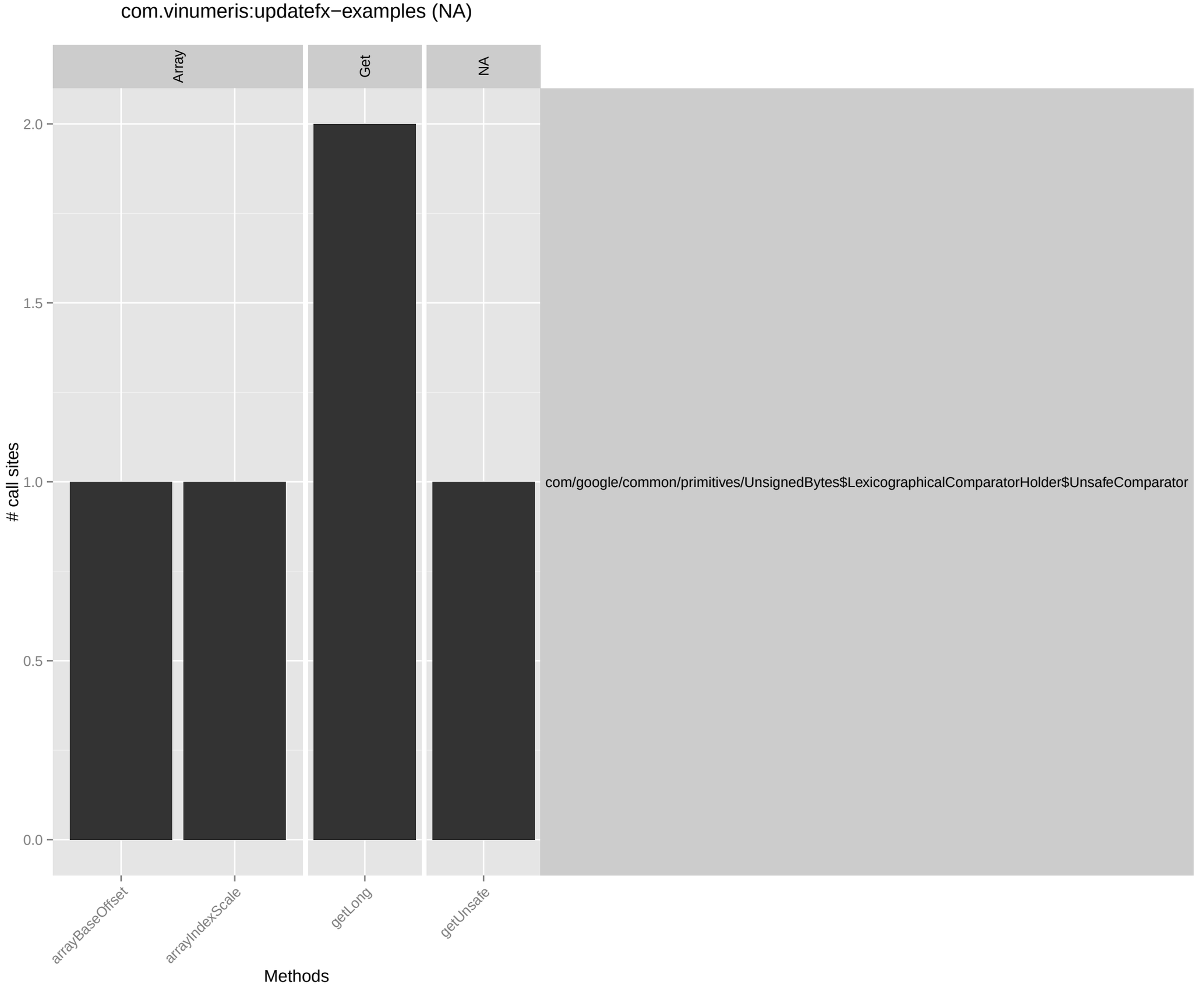

com.typesafe.akka:akka−actor_2.11.0−M8 (NA)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

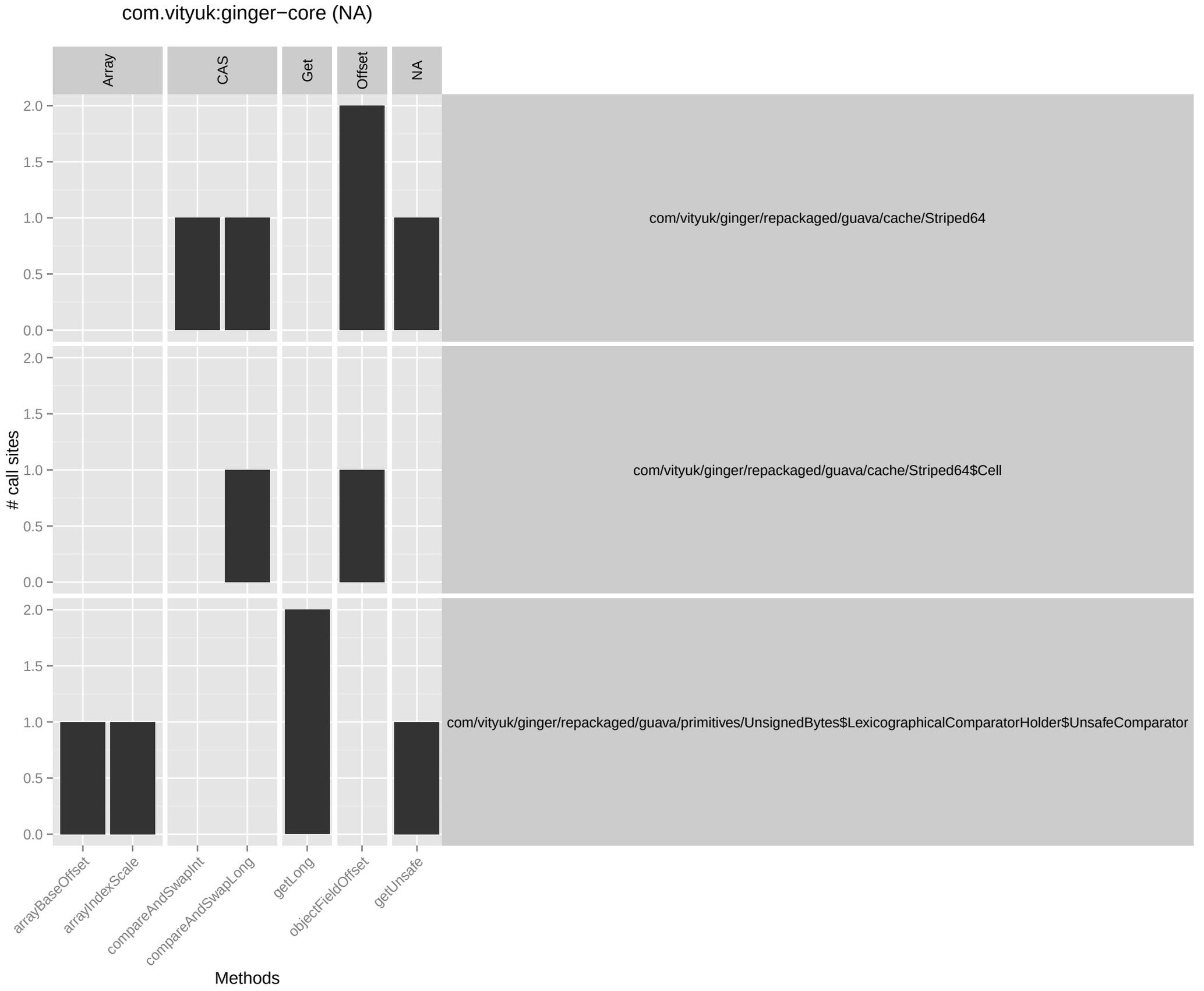

com.unister.semweb:DRUMS (NA)
Array
Get
com/unister/semweb/drums/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

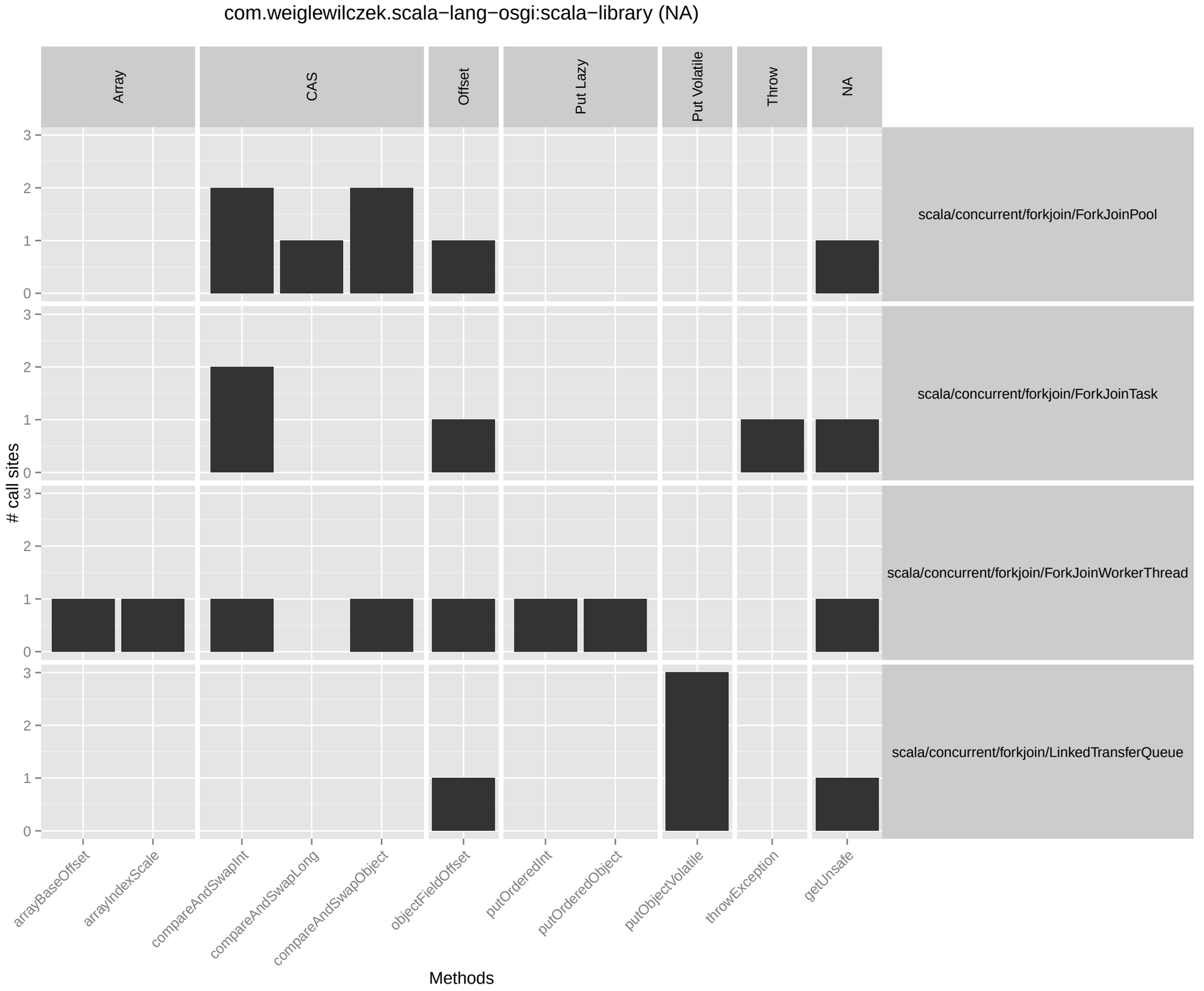

com.vaadin.external.gwt:gwt−servlet (NA)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

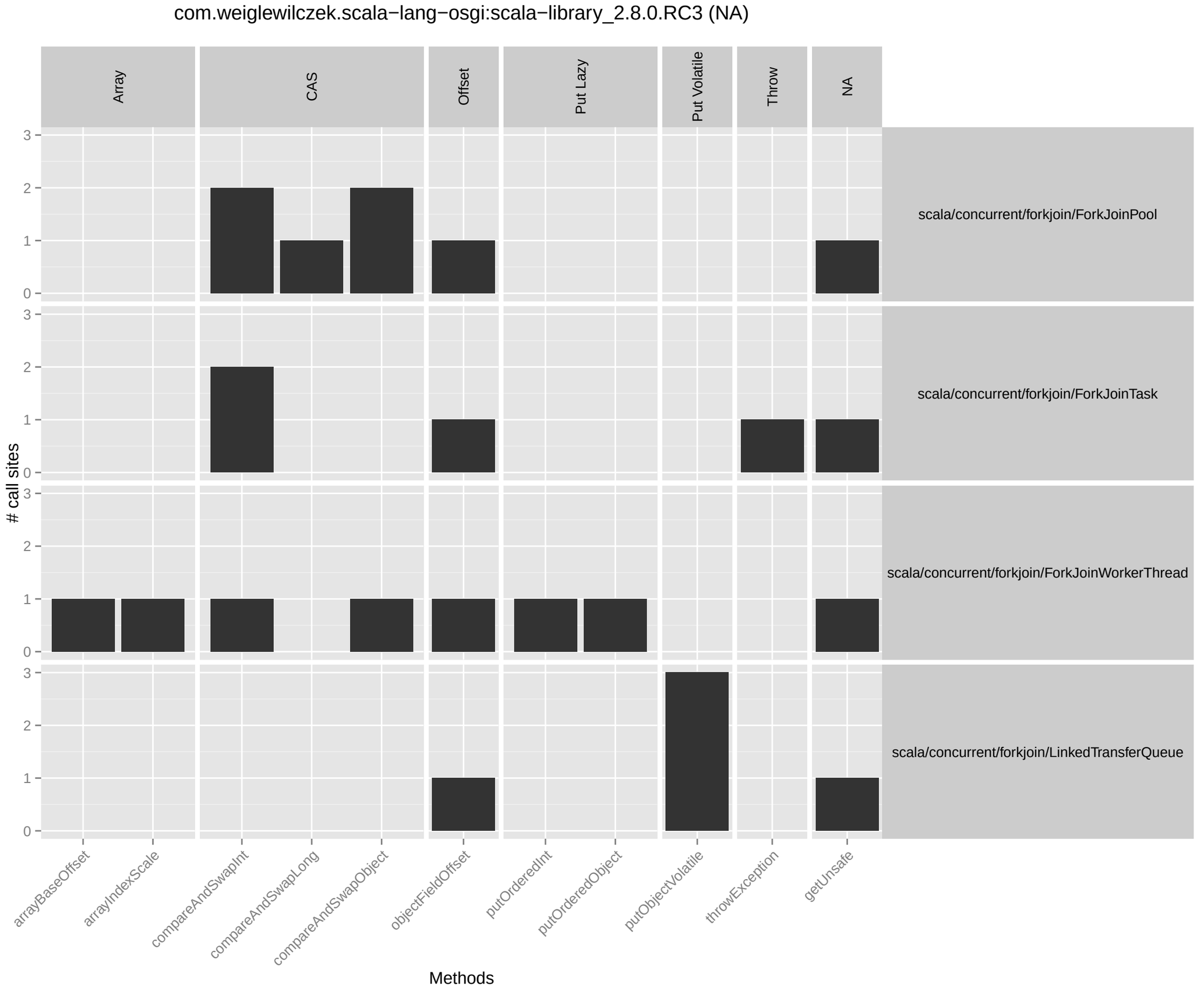

com.vaadin:vaadin−shared−deps (NA)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

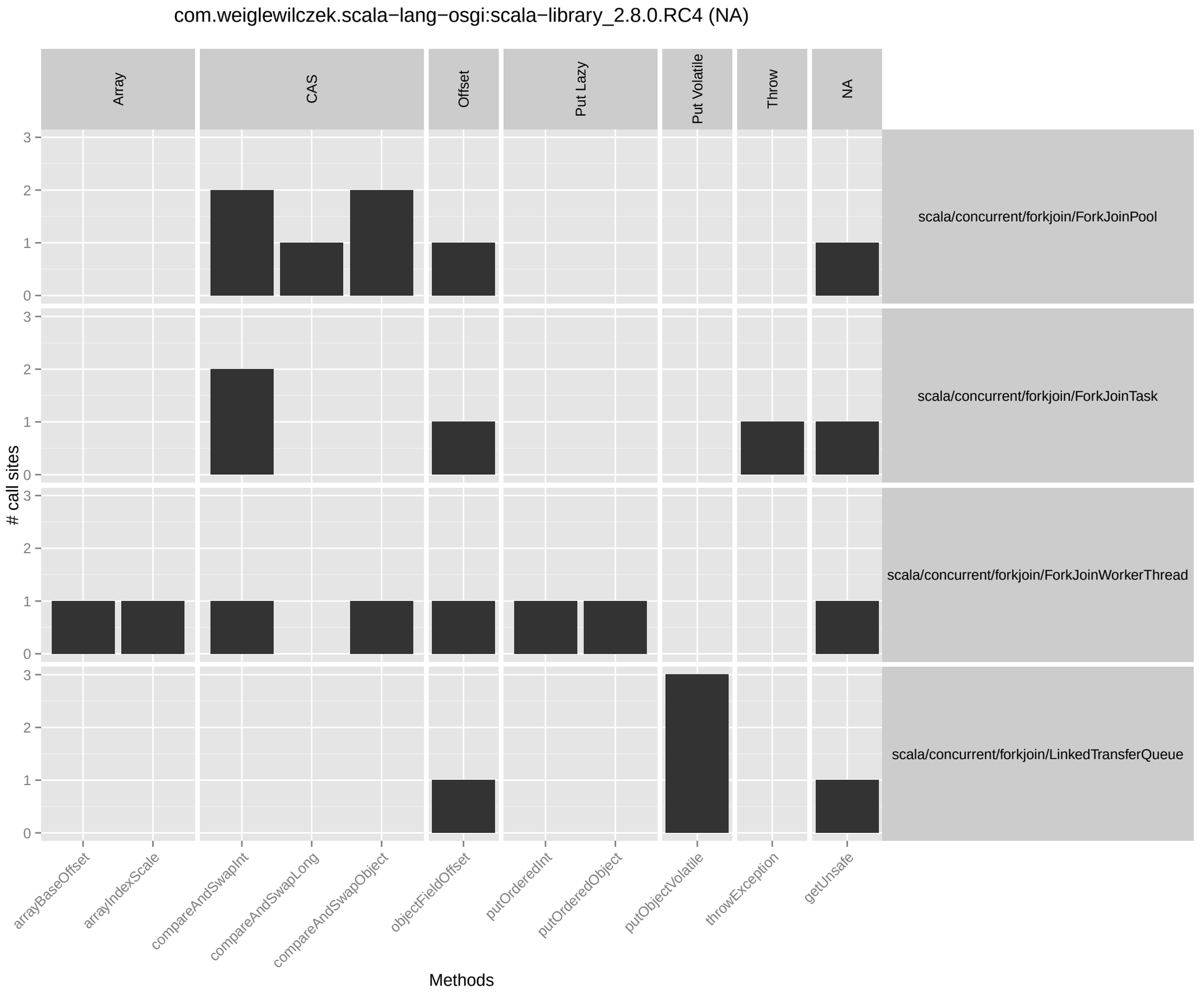

com.vinumeris:updatefx−app (NA)
Array
Get
NA
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
getUnsafe
Methods

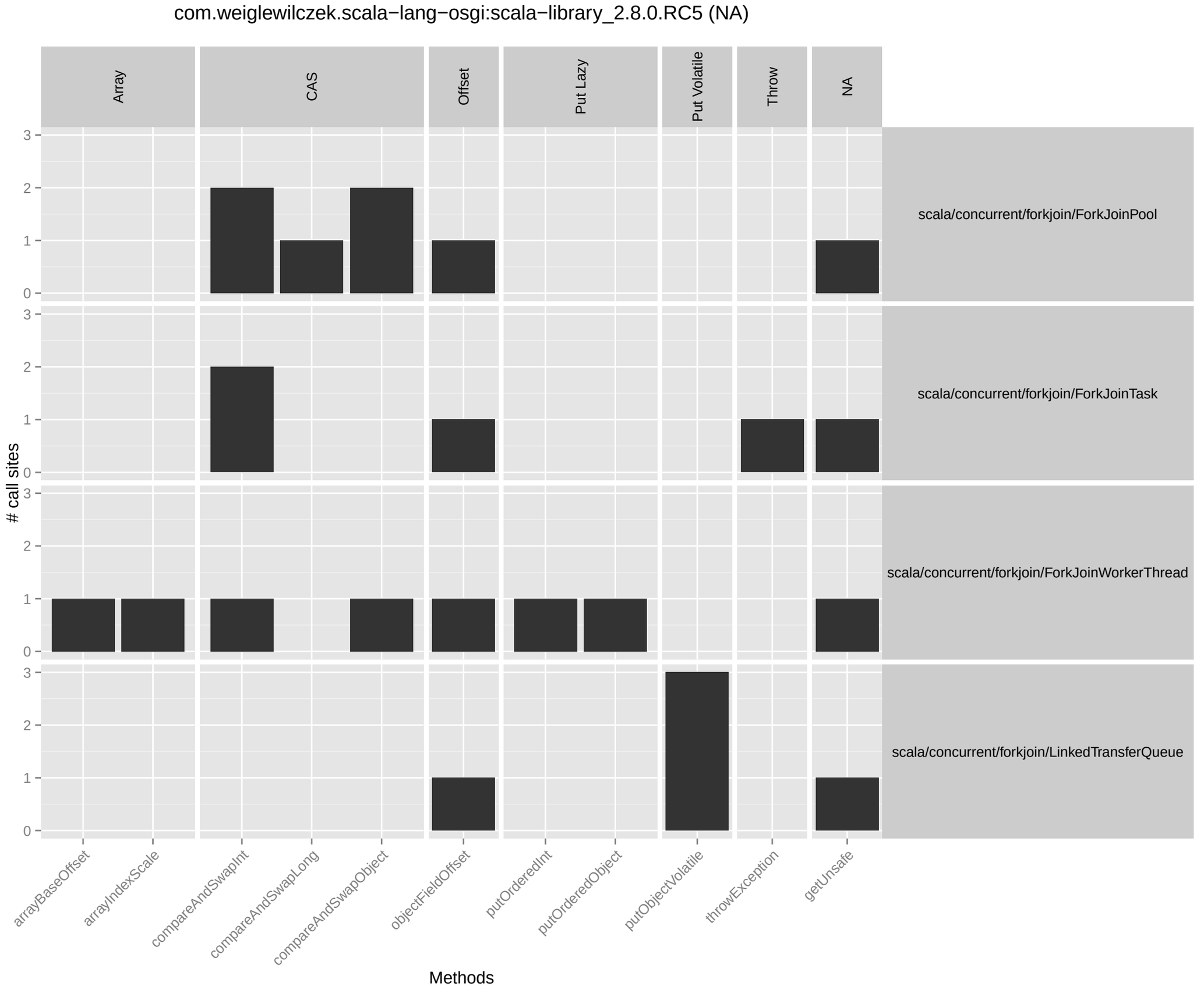

com.vinumeris:updatefx−examples (NA)
Array
Get
NA
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
getUnsafe
Methods

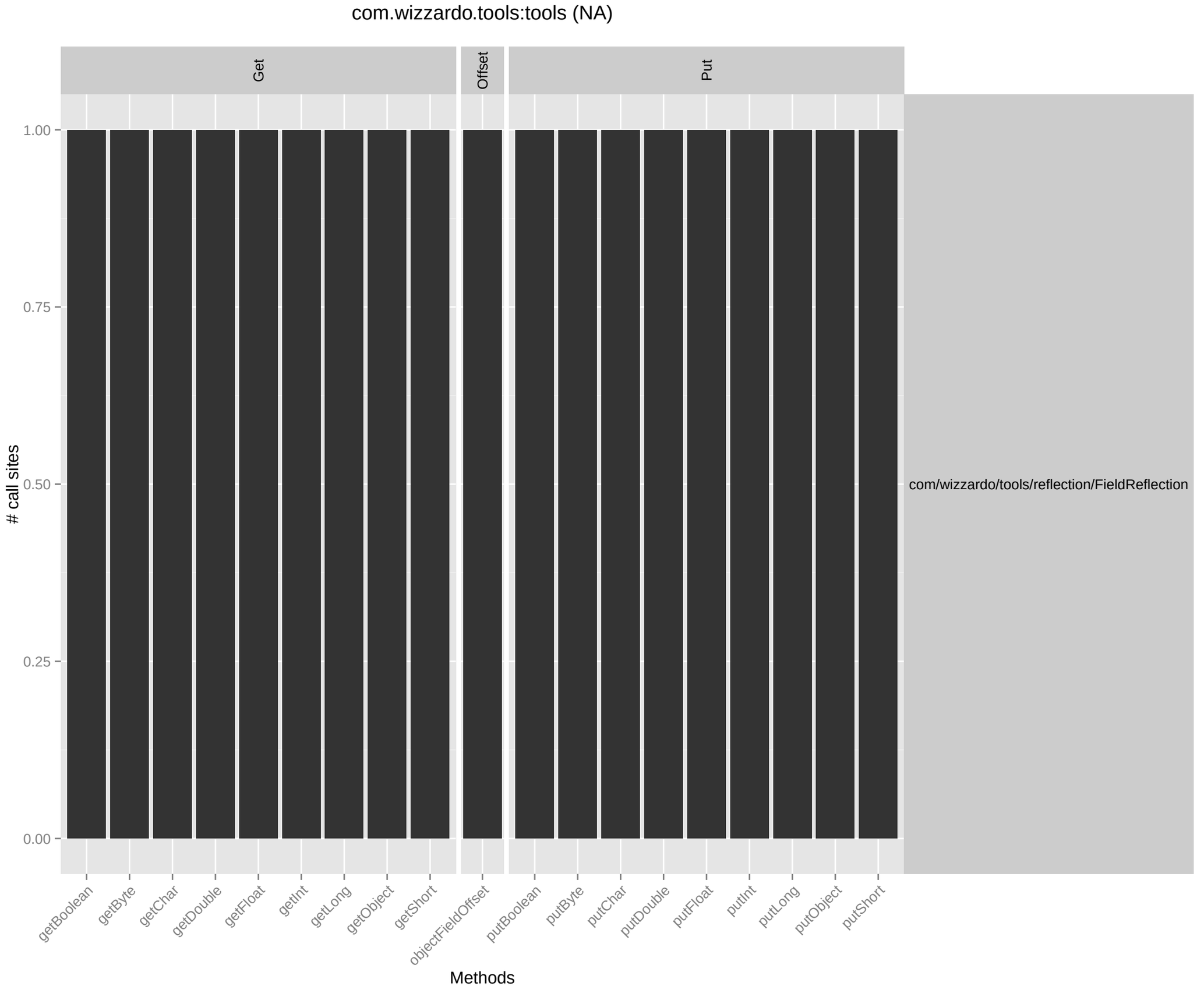

com.vityuk:ginger−core (NA)
Array
CAS
Get
Offset
NA
com/vityuk/ginger/repackaged/guava/cache/Striped64
com/vityuk/ginger/repackaged/guava/cache/Striped64$Cell
com/vityuk/ginger/repackaged/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods


com.weiglewilczek.scala−lang−osgi:scala−library (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

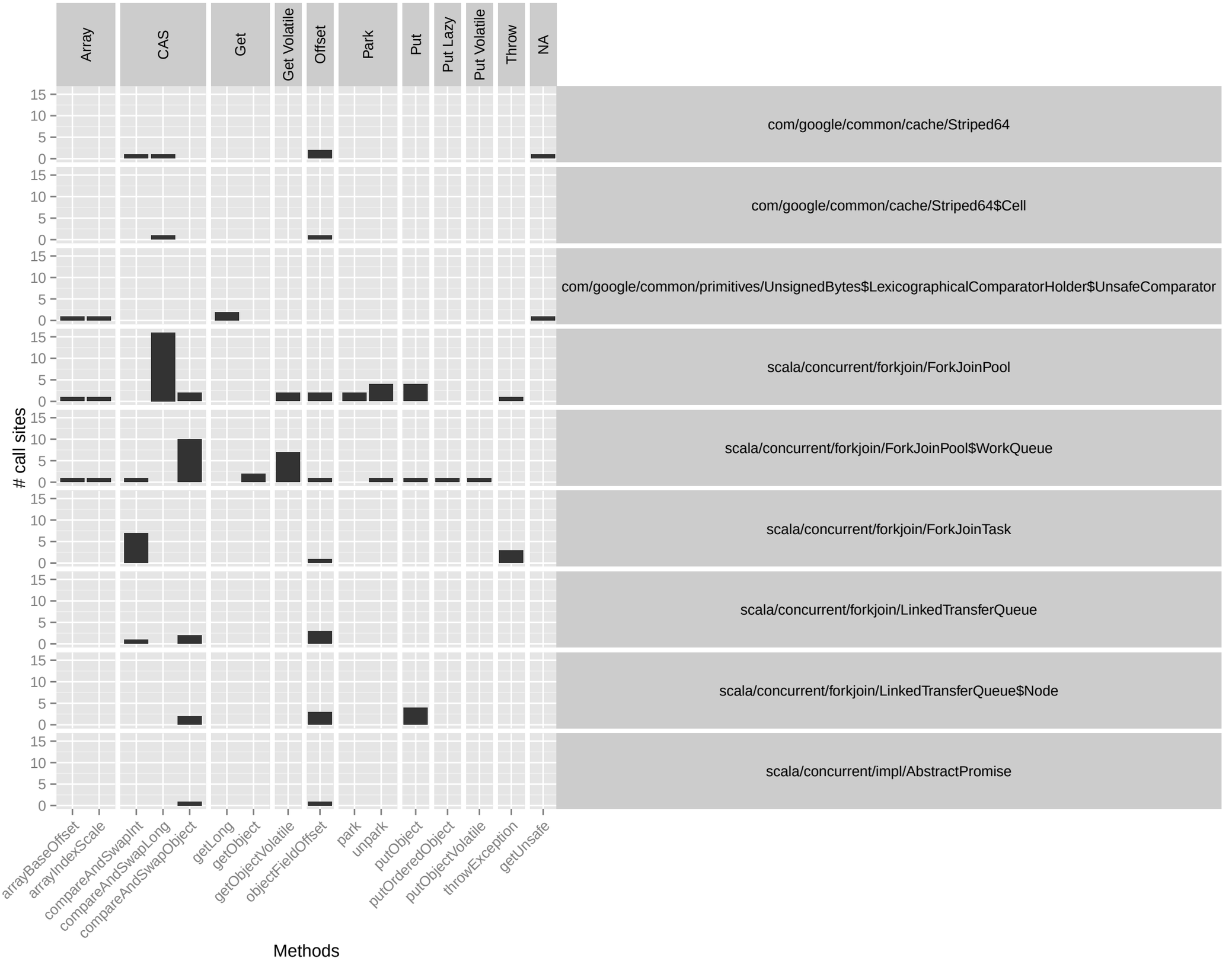

com.weiglewilczek.scala−lang−osgi:scala−library_2.8.0.RC3 (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods


com.weiglewilczek.scala−lang−osgi:scala−library_2.8.0.RC4 (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

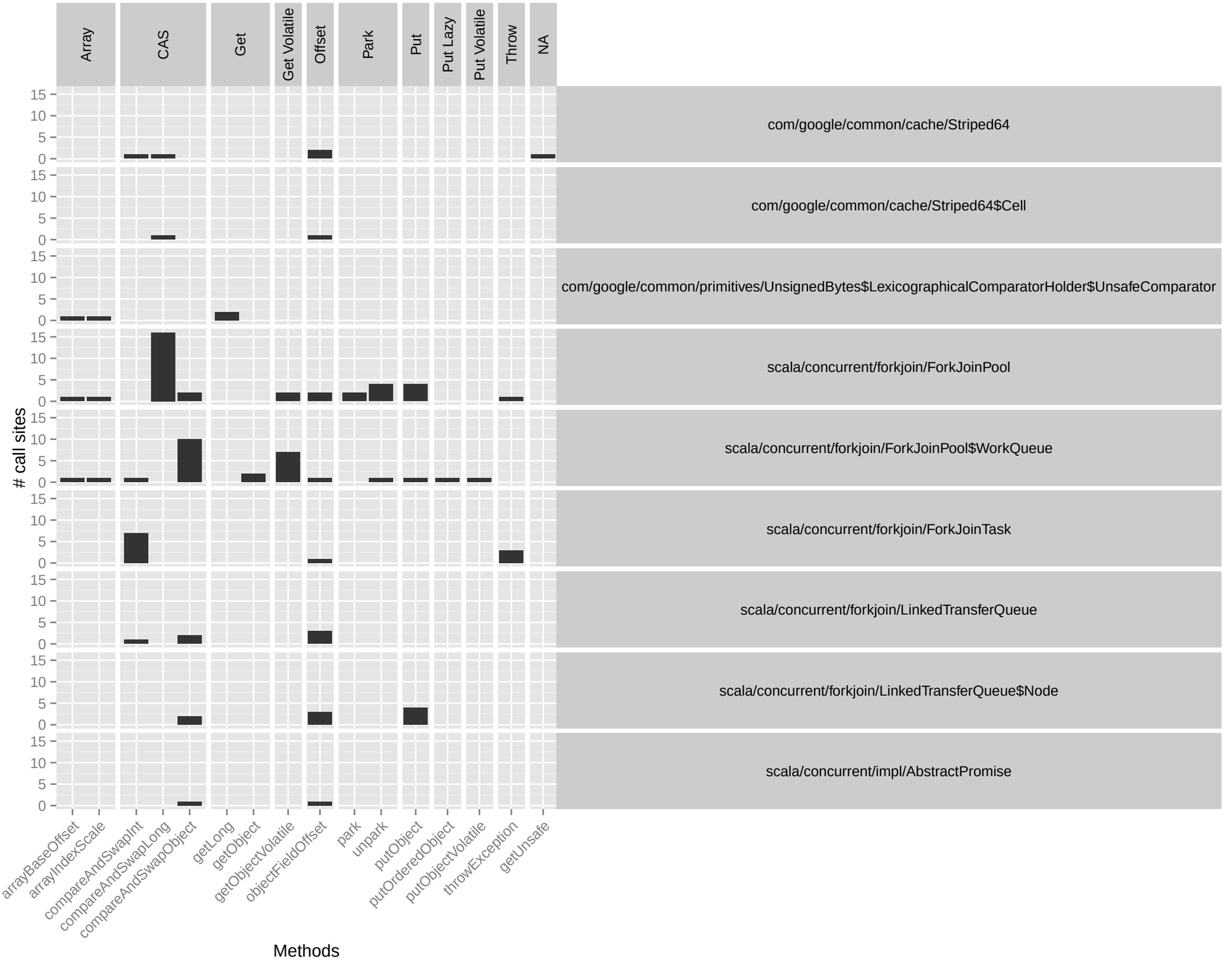

com.weiglewilczek.scala−lang−osgi:scala−library_2.8.0.RC5 (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods


com.wizzardo.tools:tools (NA)
Get
Offset
Put
com/wizzardo/tools/reflection/FieldReflection
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

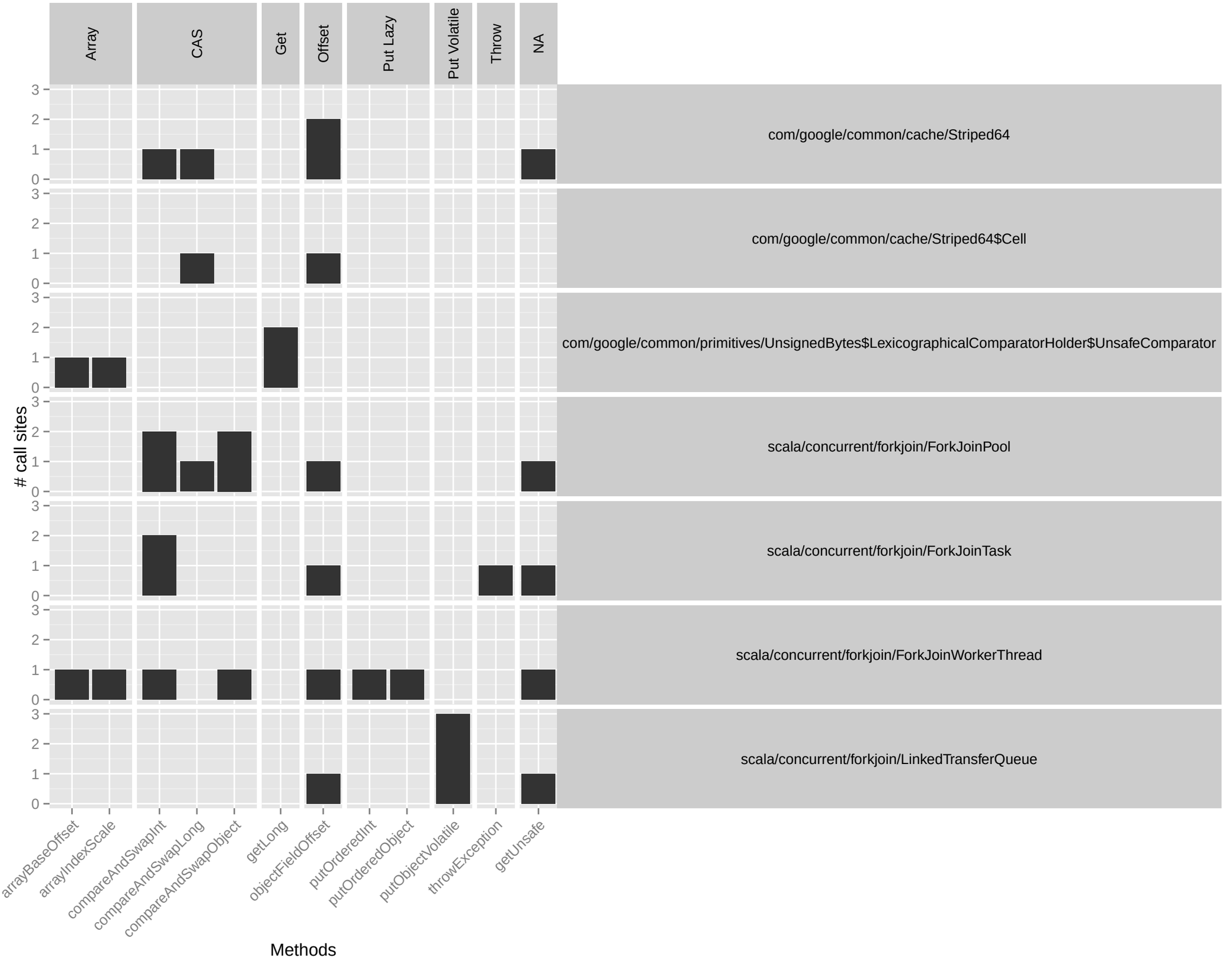
com.wordnik:swagger−java−dropwizard−sample−app_2.10 (NA)

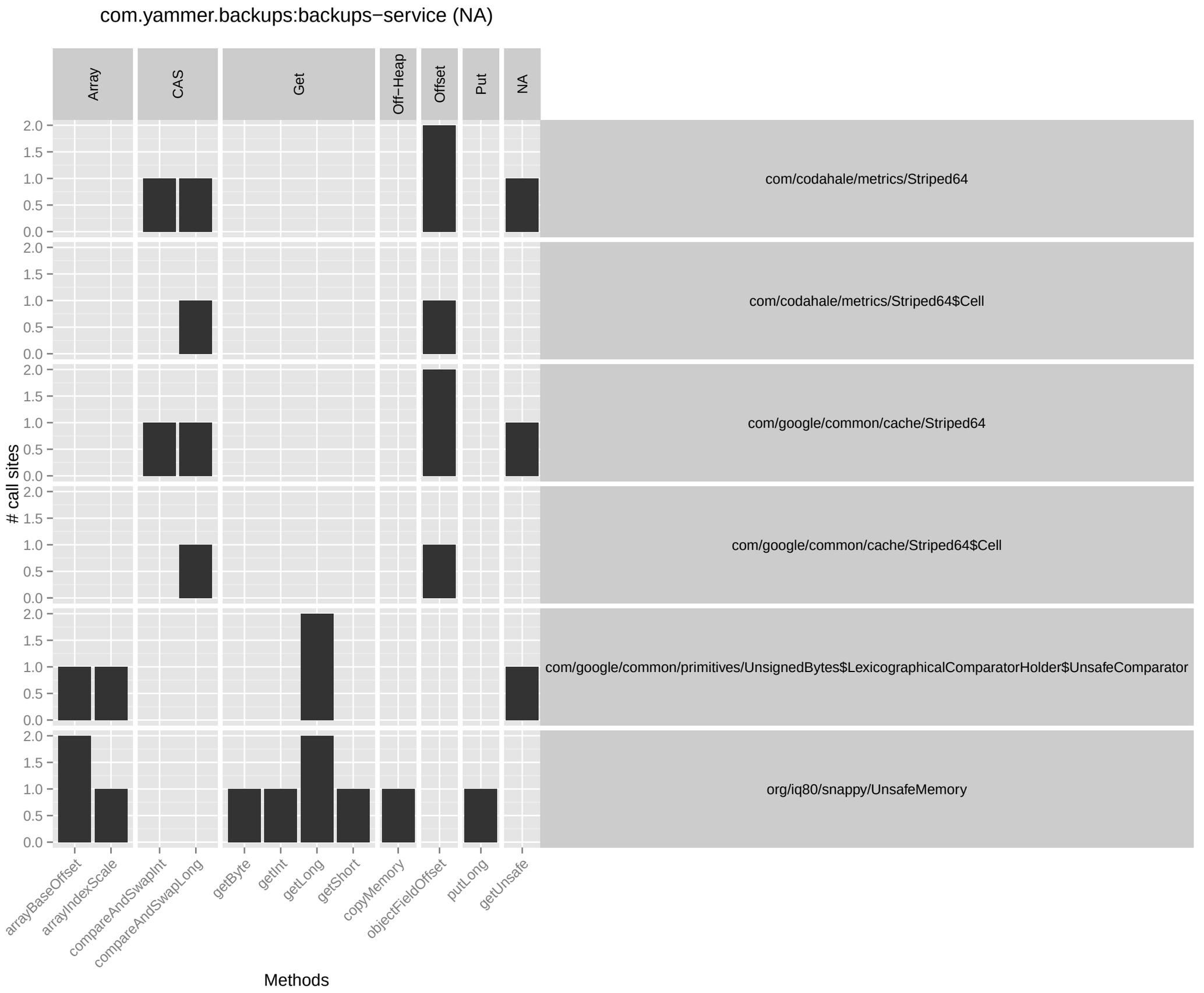


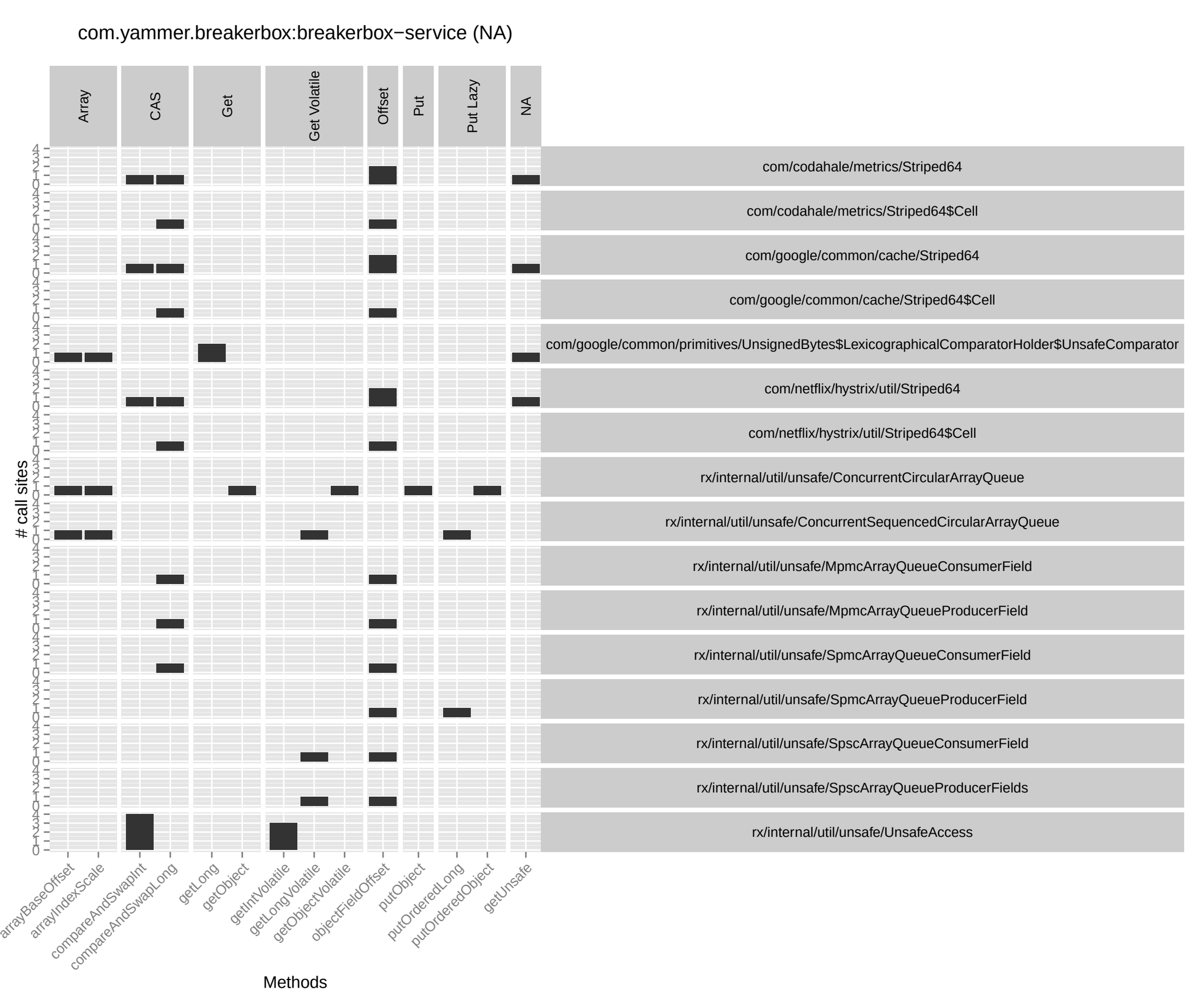
com.wordnik:swagger−java−dropwizard−sample−app_2.10.0 (NA)

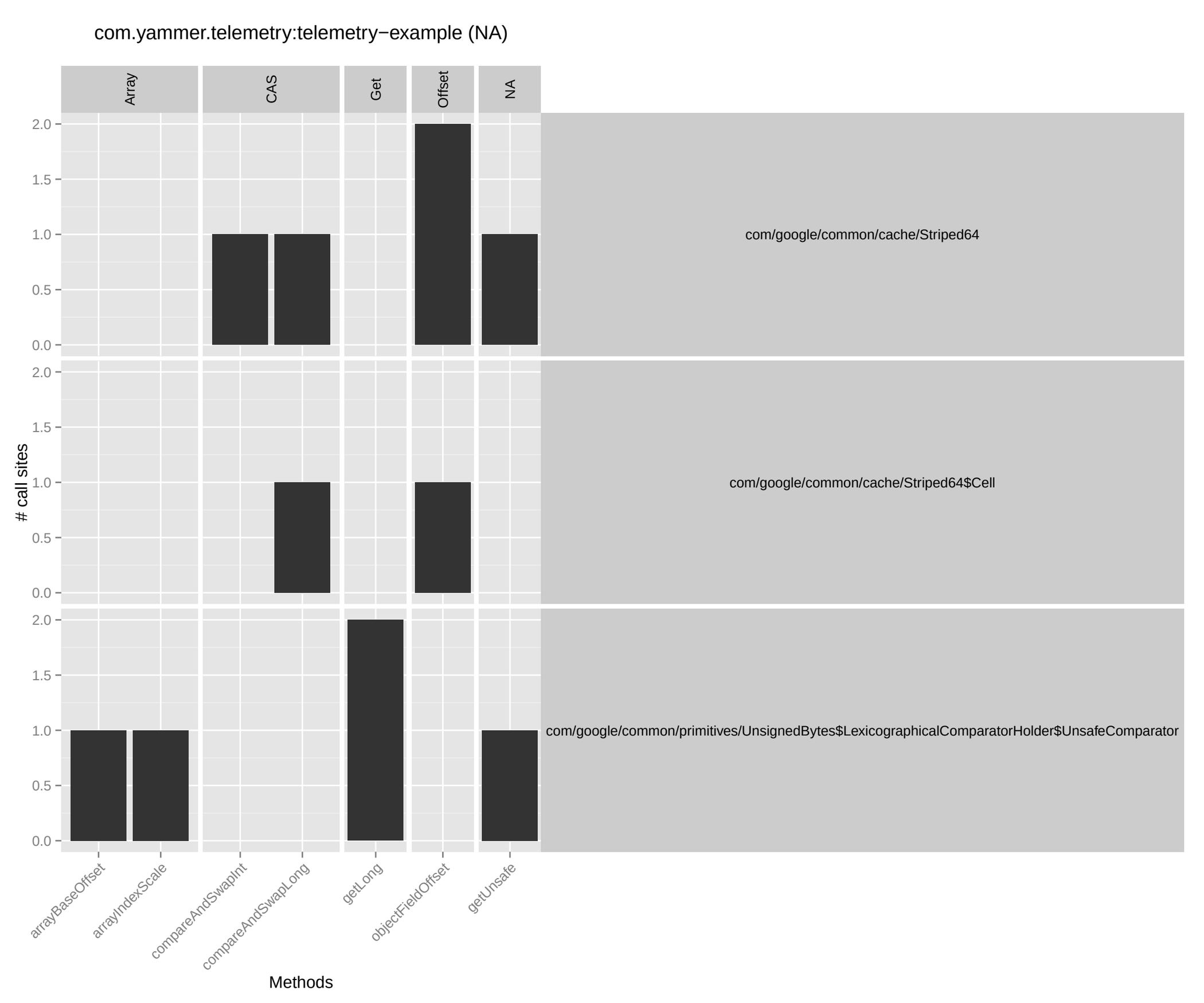


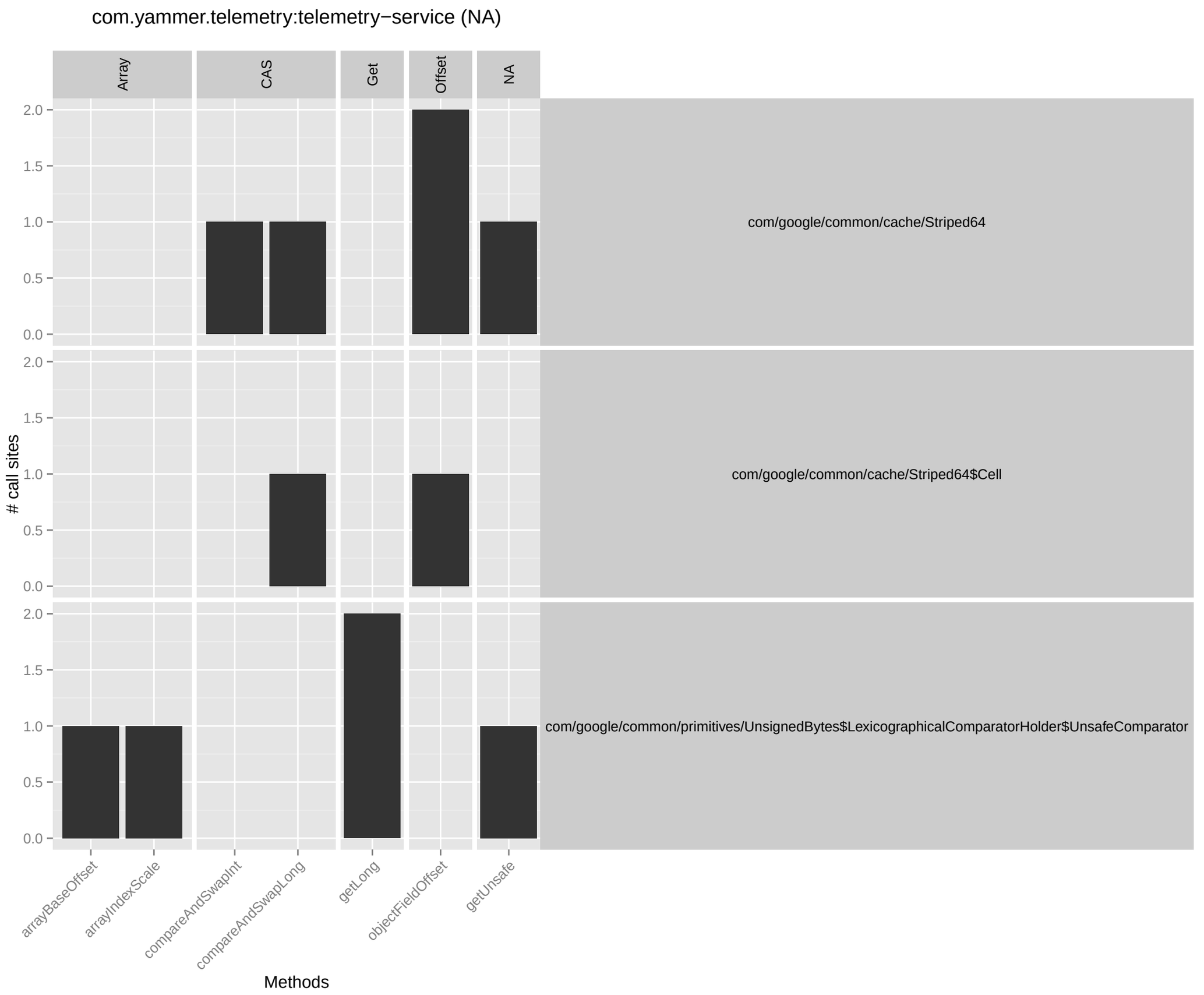
com.wordnik:swagger−java−dropwizard−sample−app_2.9.1 (NA)

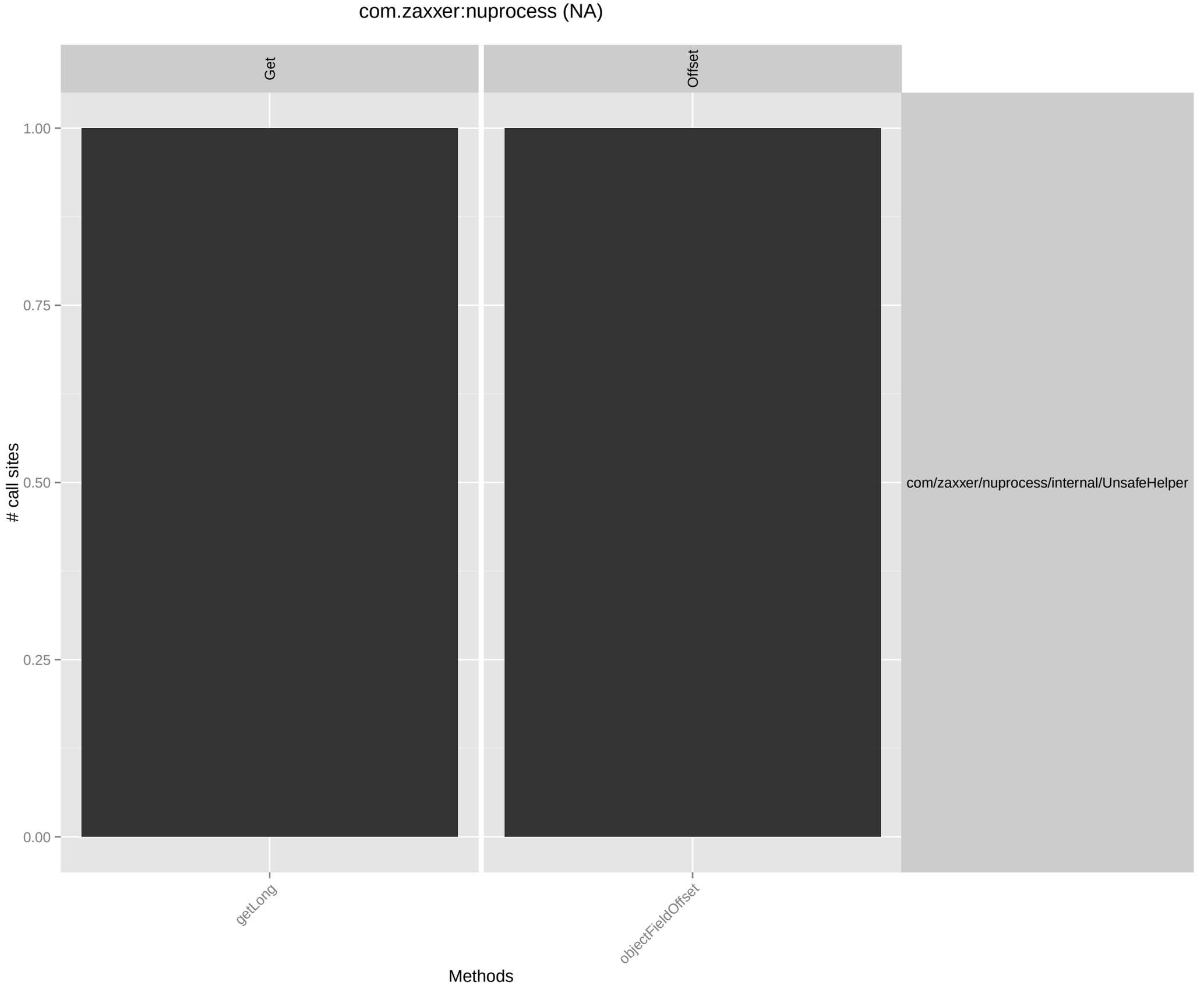


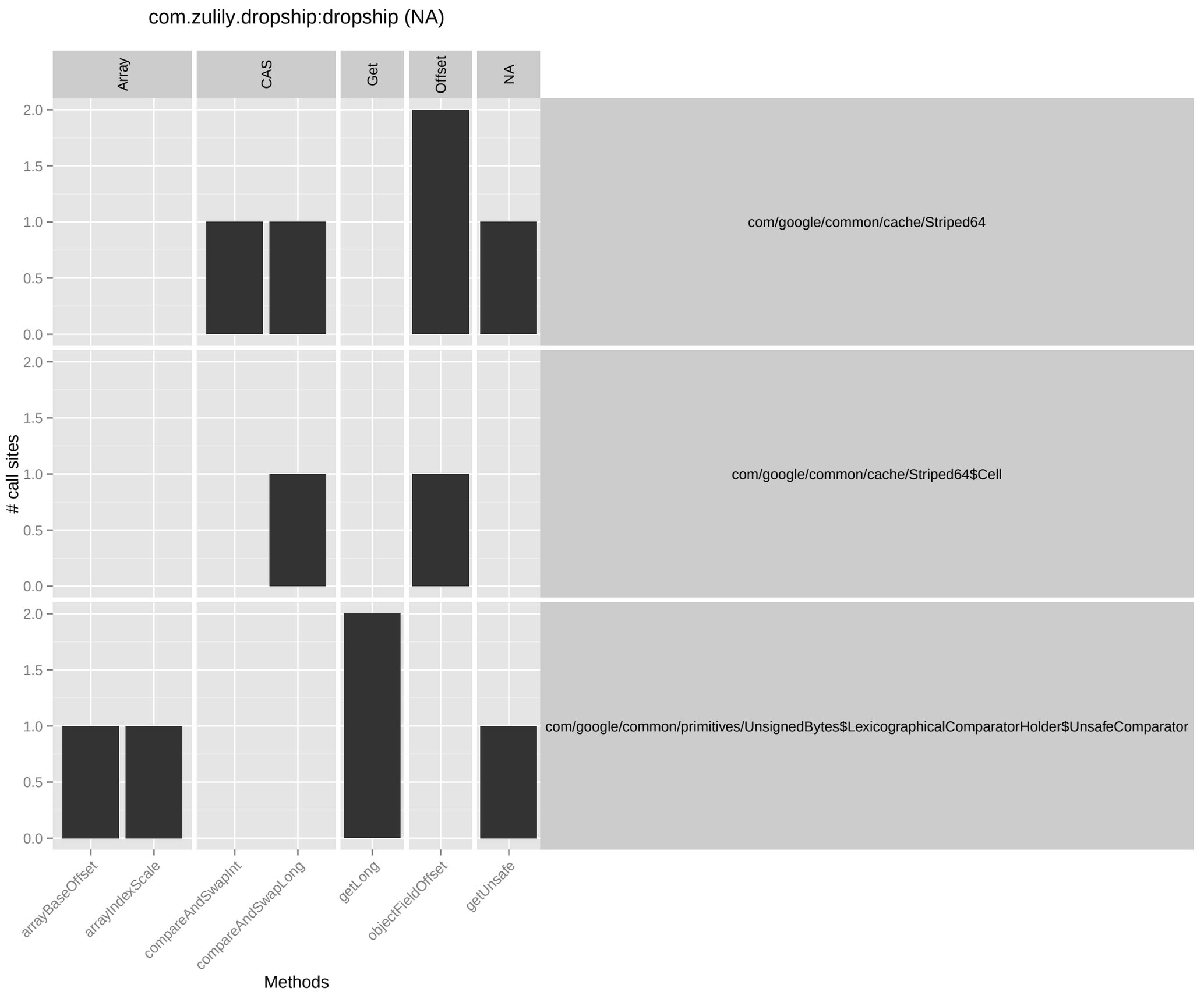

com.yammer.backups:backups−service (NA)
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/iq80/snappy/UnsafeMemory
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getByte
getInt
getLong
getShort
copyMemory
objectFieldOffset
putLong
getUnsafe
Methods

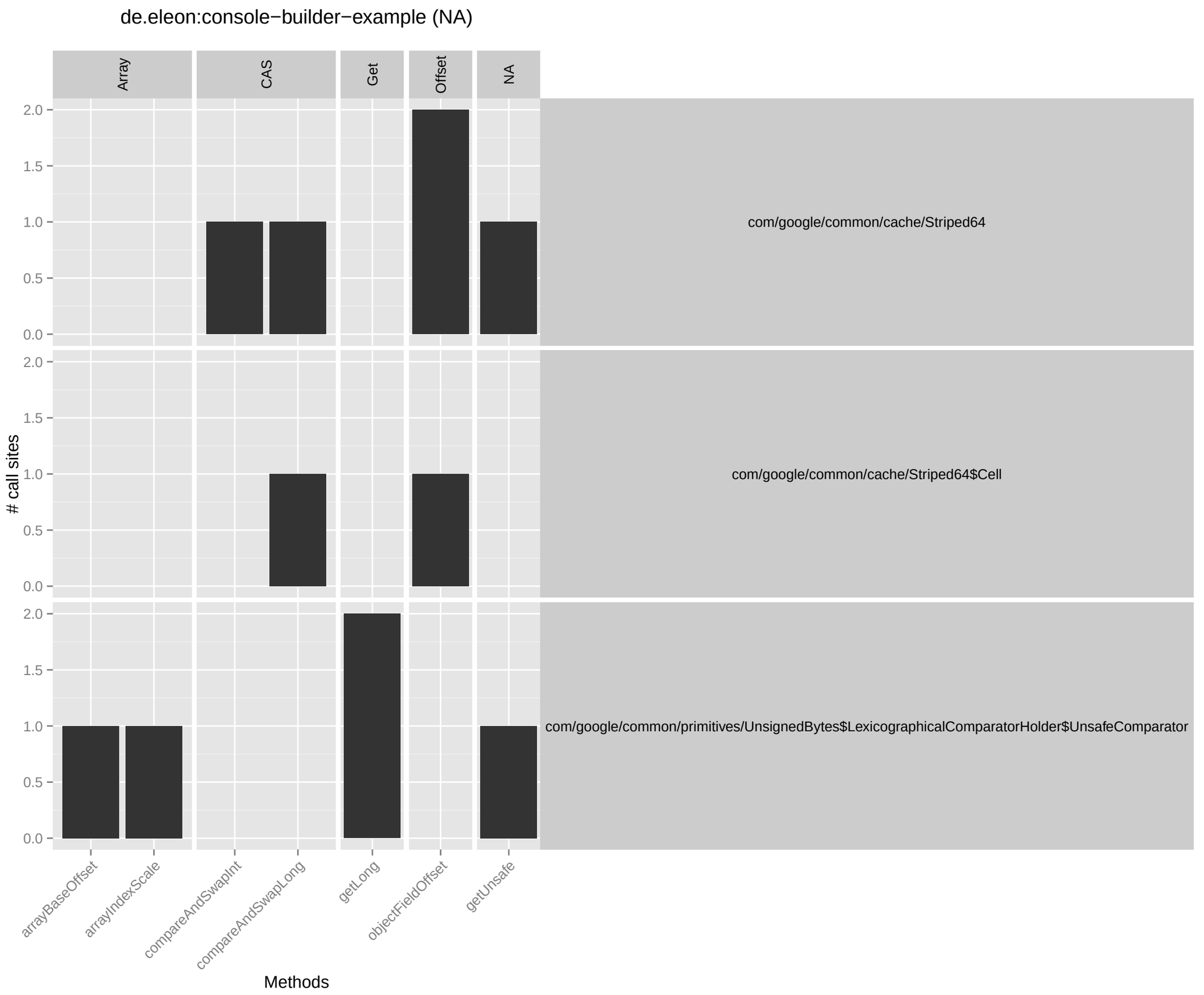

com.yammer.breakerbox:breakerbox−service (NA)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/netflix/hystrix/util/Striped64
com/netflix/hystrix/util/Striped64$Cell
rx/internal/util/unsafe/ConcurrentCircularArrayQueue
rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue
rx/internal/util/unsafe/MpmcArrayQueueConsumerField
rx/internal/util/unsafe/MpmcArrayQueueProducerField
rx/internal/util/unsafe/SpmcArrayQueueConsumerField
rx/internal/util/unsafe/SpmcArrayQueueProducerField
rx/internal/util/unsafe/SpscArrayQueueConsumerField
rx/internal/util/unsafe/SpscArrayQueueProducerFields
rx/internal/util/unsafe/UnsafeAccess
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
getUnsafe
Methods

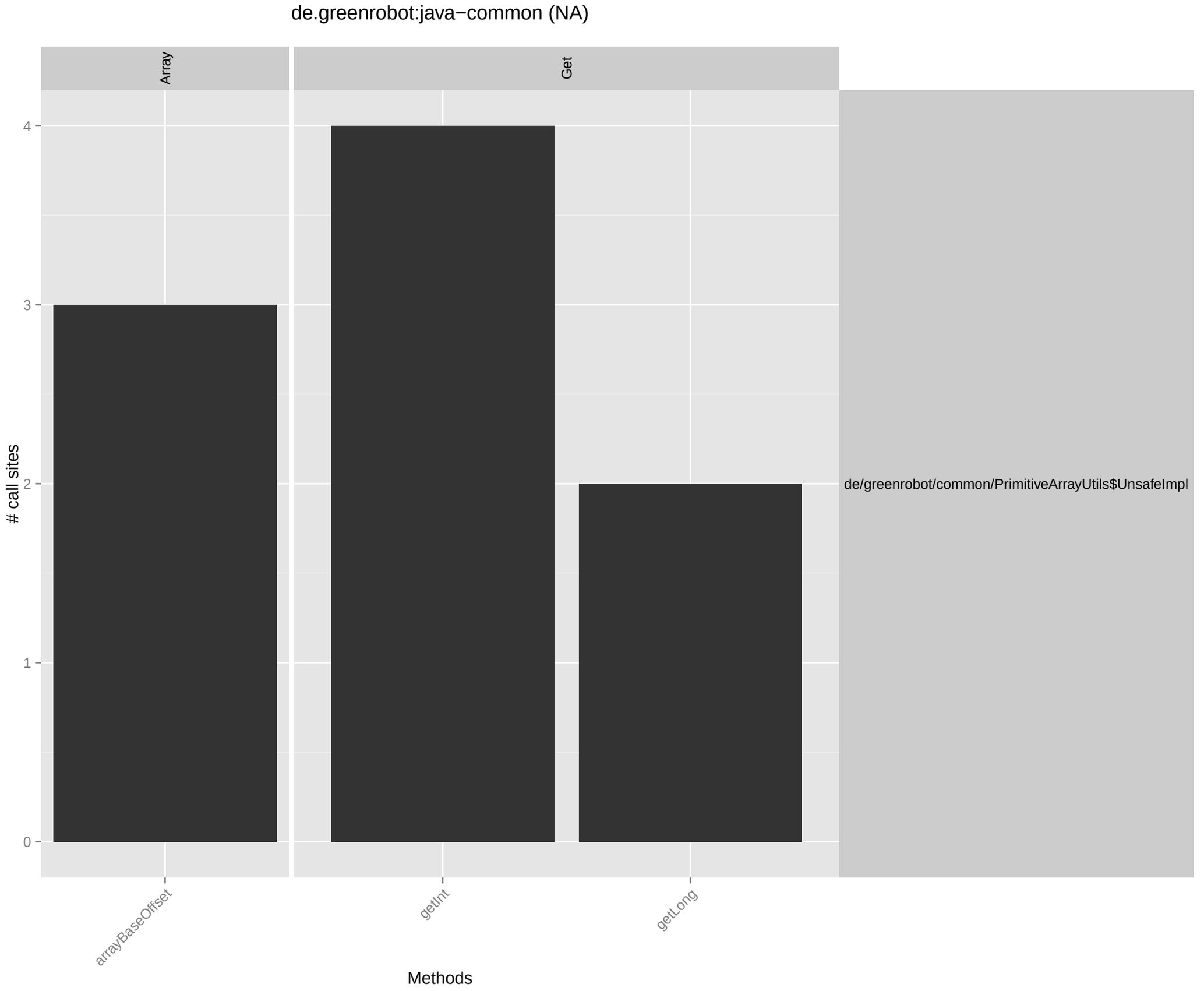

com.yammer.telemetry:telemetry−example (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

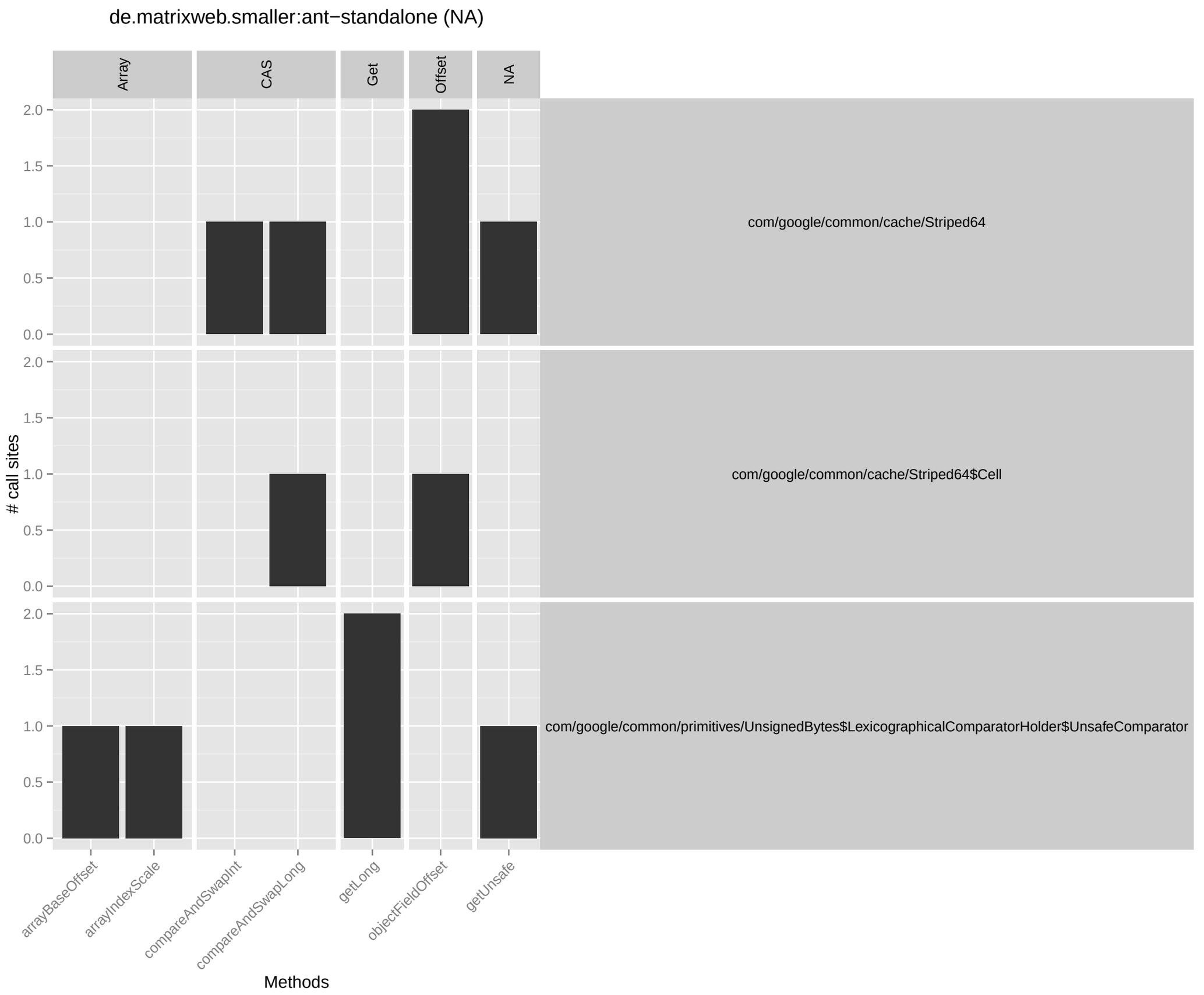

com.yammer.telemetry:telemetry−service (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

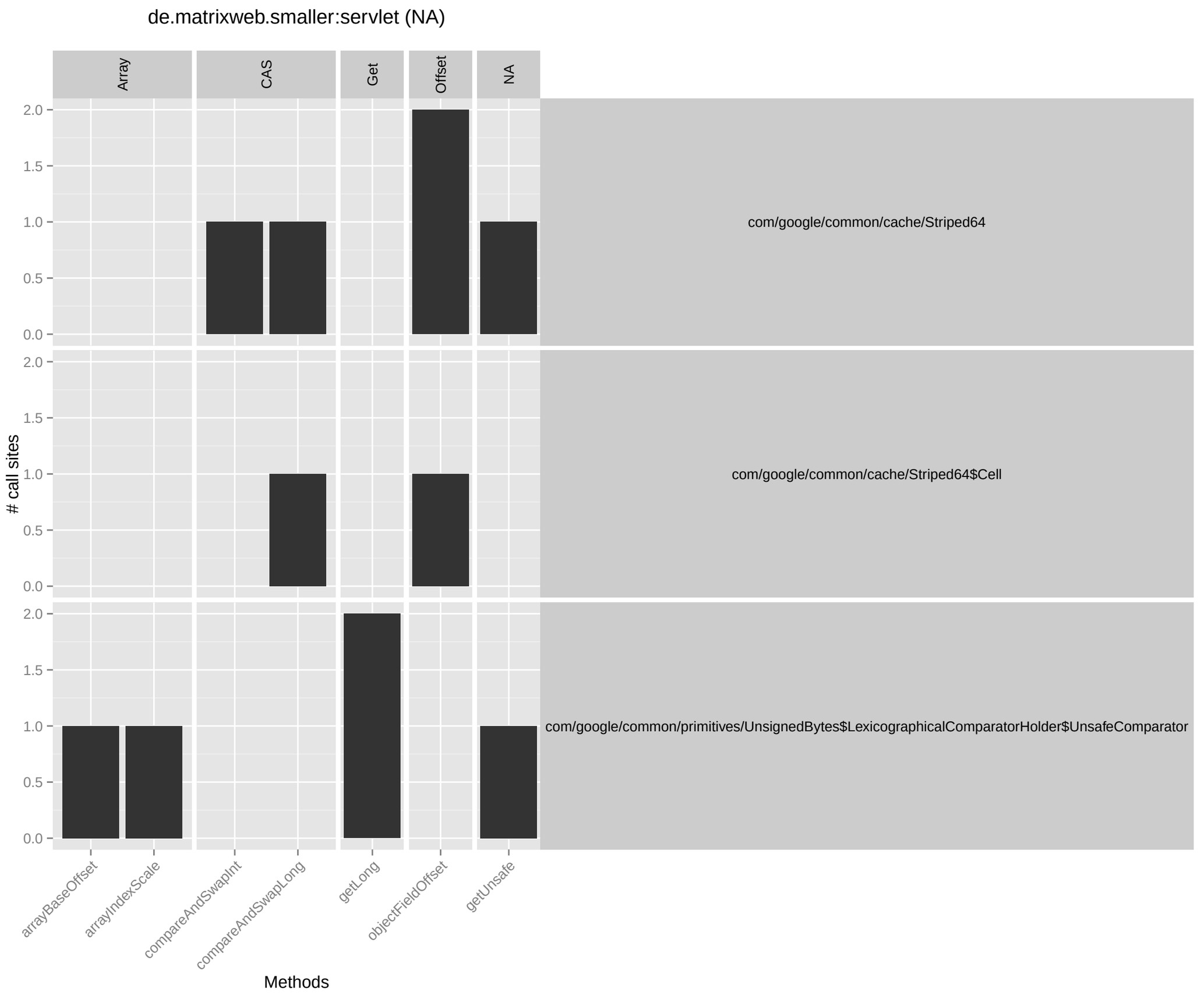

com.zaxxer:nuprocess (NA)
Get
Offset
com/zaxxer/nuprocess/internal/UnsafeHelper
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

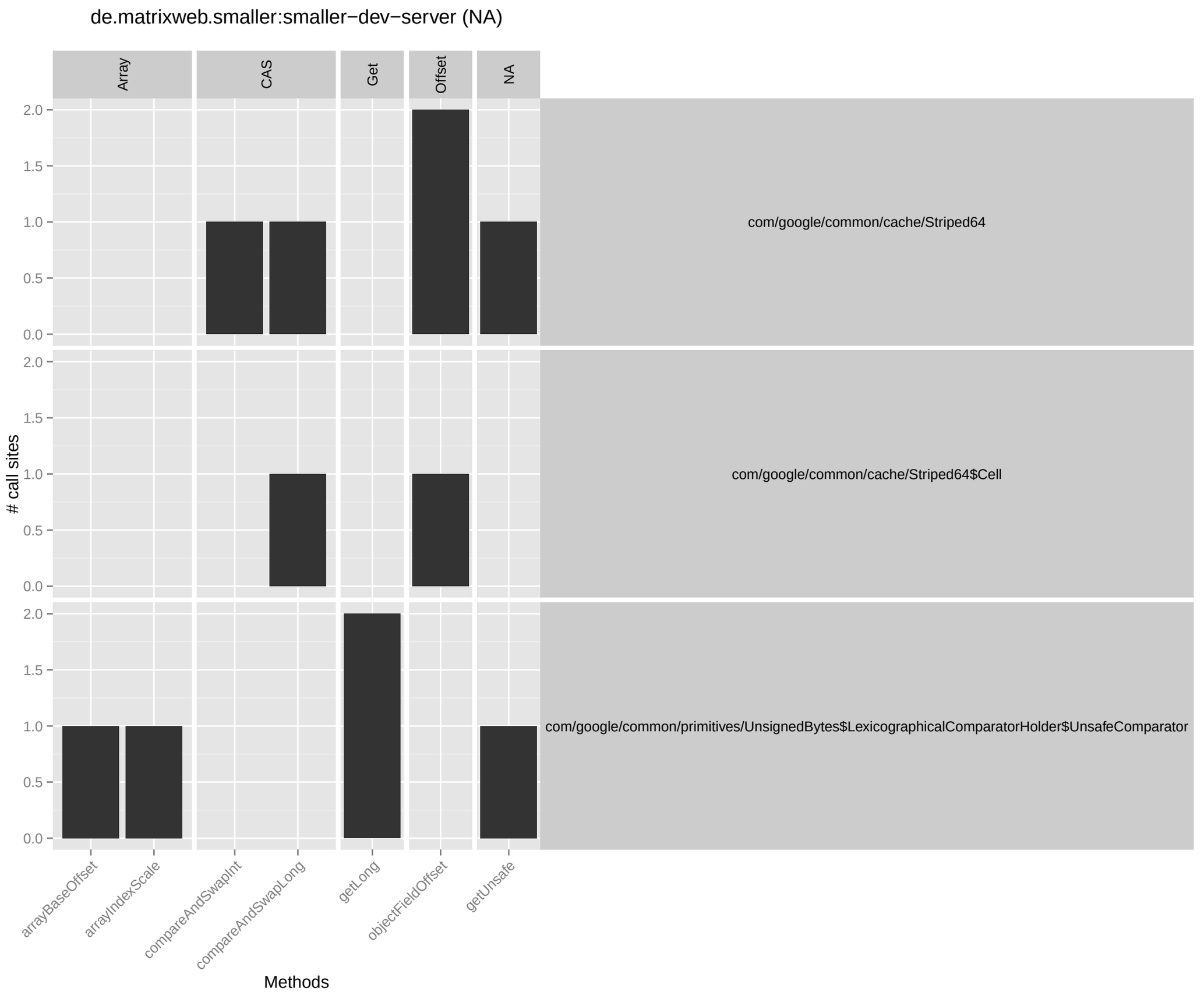

com.zulily.dropship:dropship (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

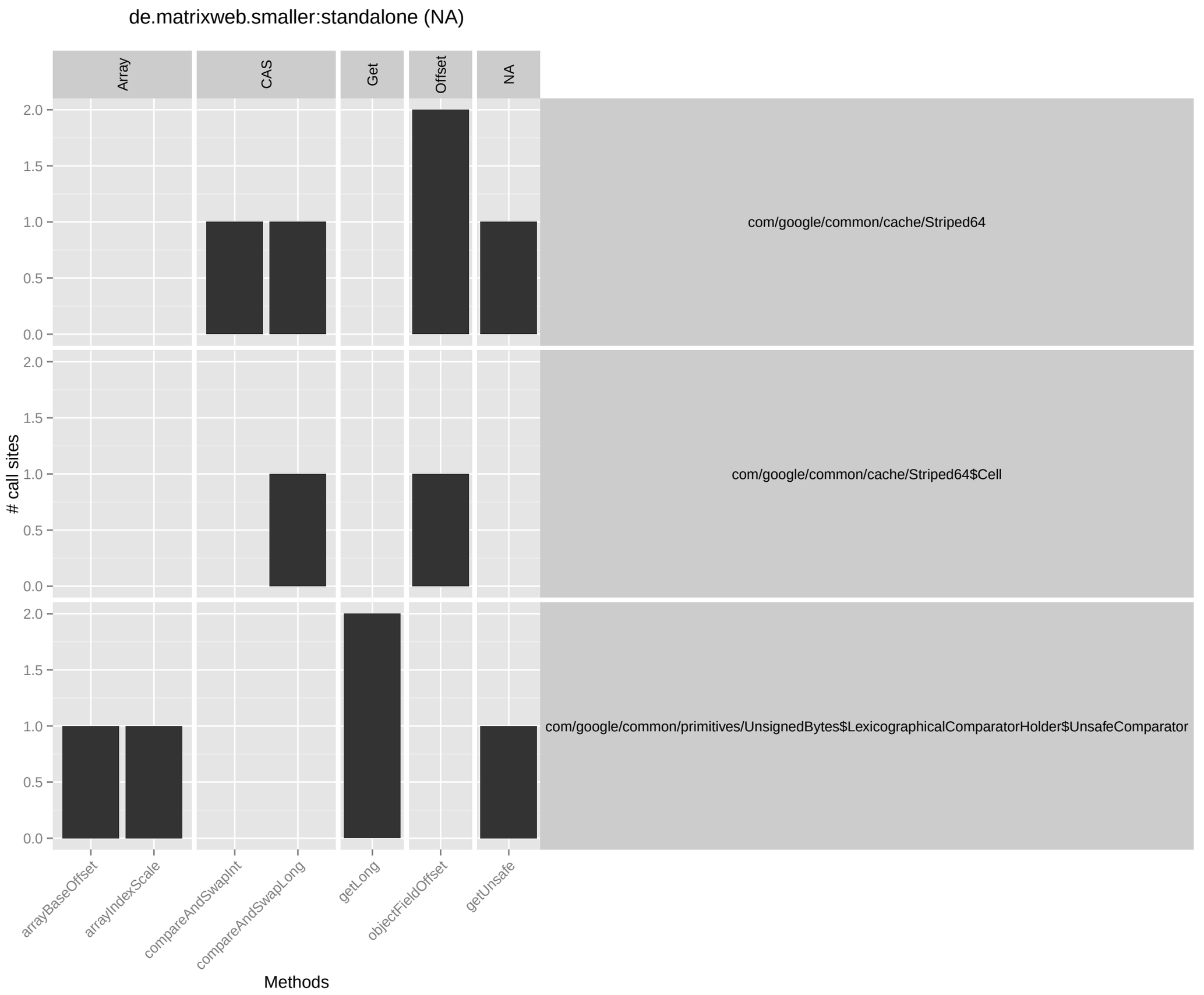

de.eleon:console−builder−example (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

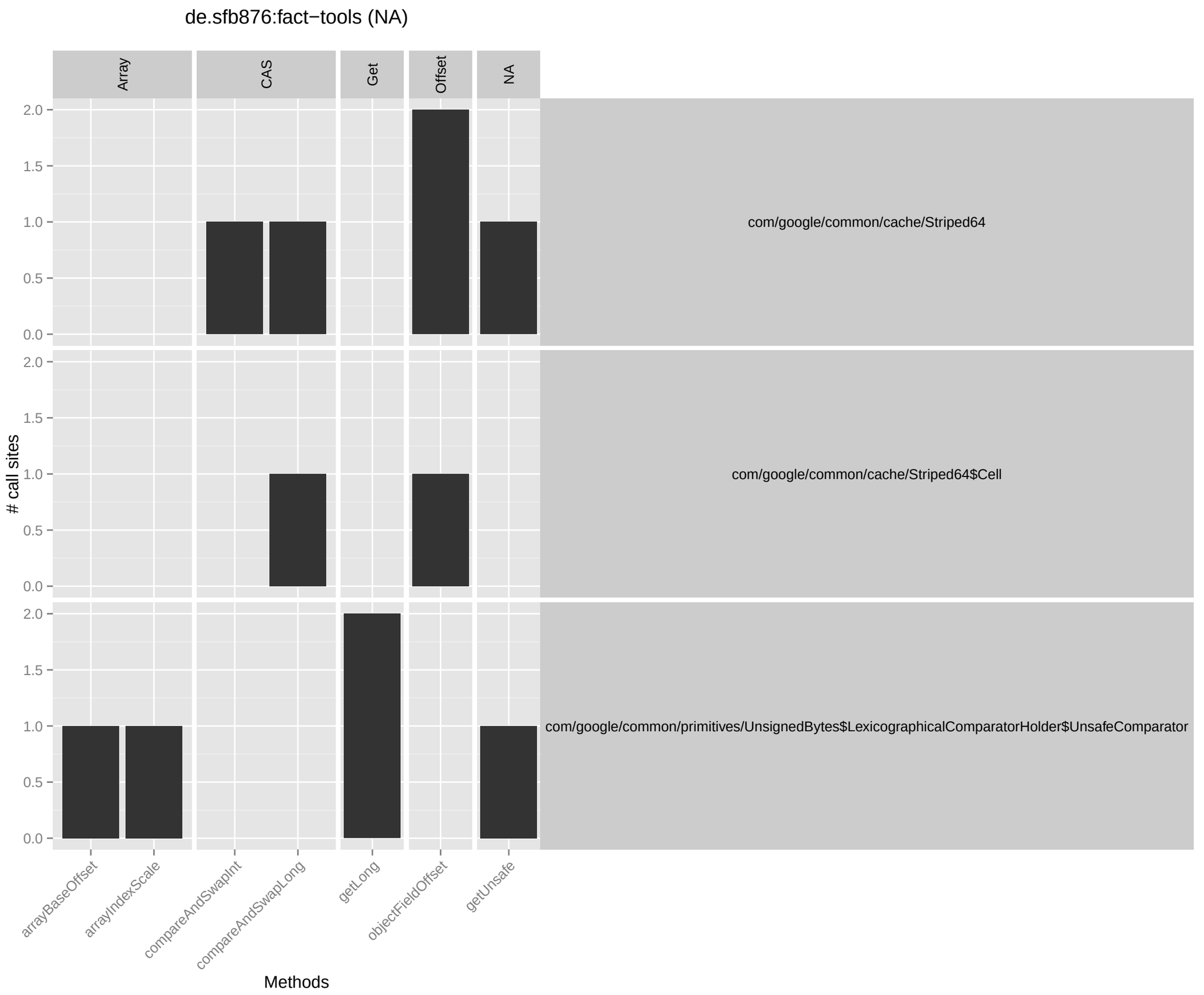

de.greenrobot:java−common (NA)
Array
Get
de/greenrobot/common/PrimitiveArrayUtils$UnsafeImpl
call sites
0
1
2
3
4
arrayBaseOffset
getInt
getLong
Methods

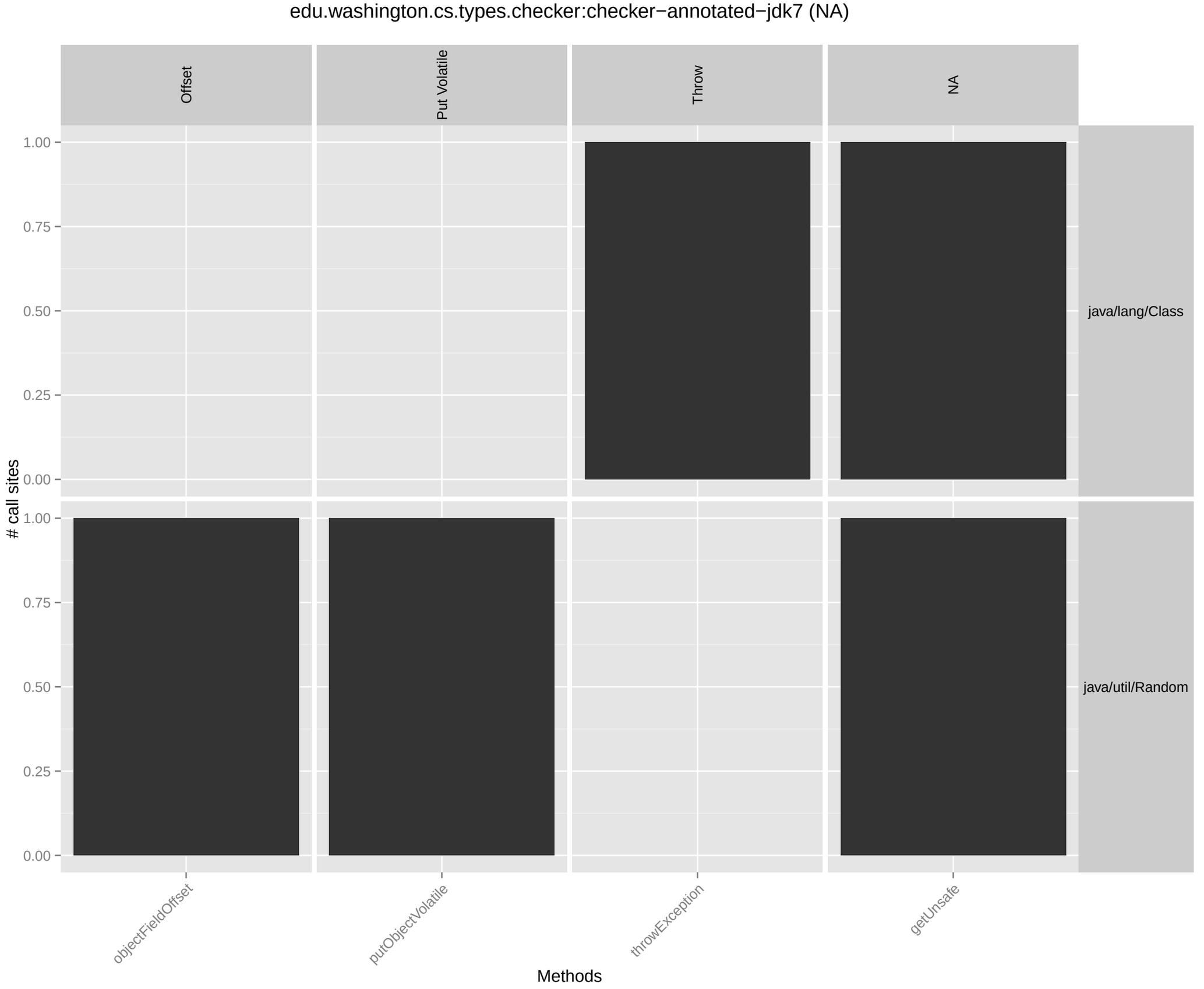

de.matrixweb.smaller:ant−standalone (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

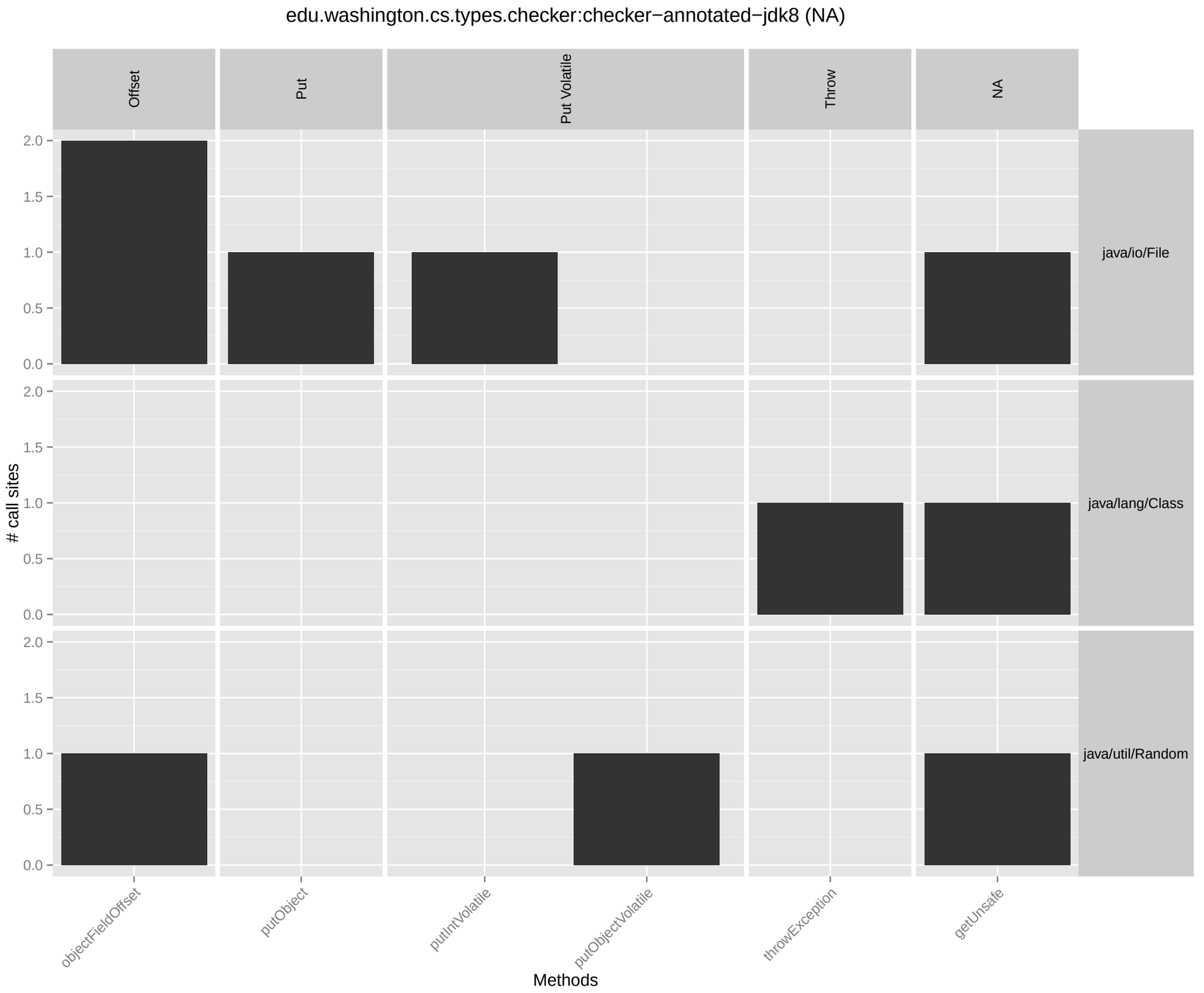

de.matrixweb.smaller:servlet (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

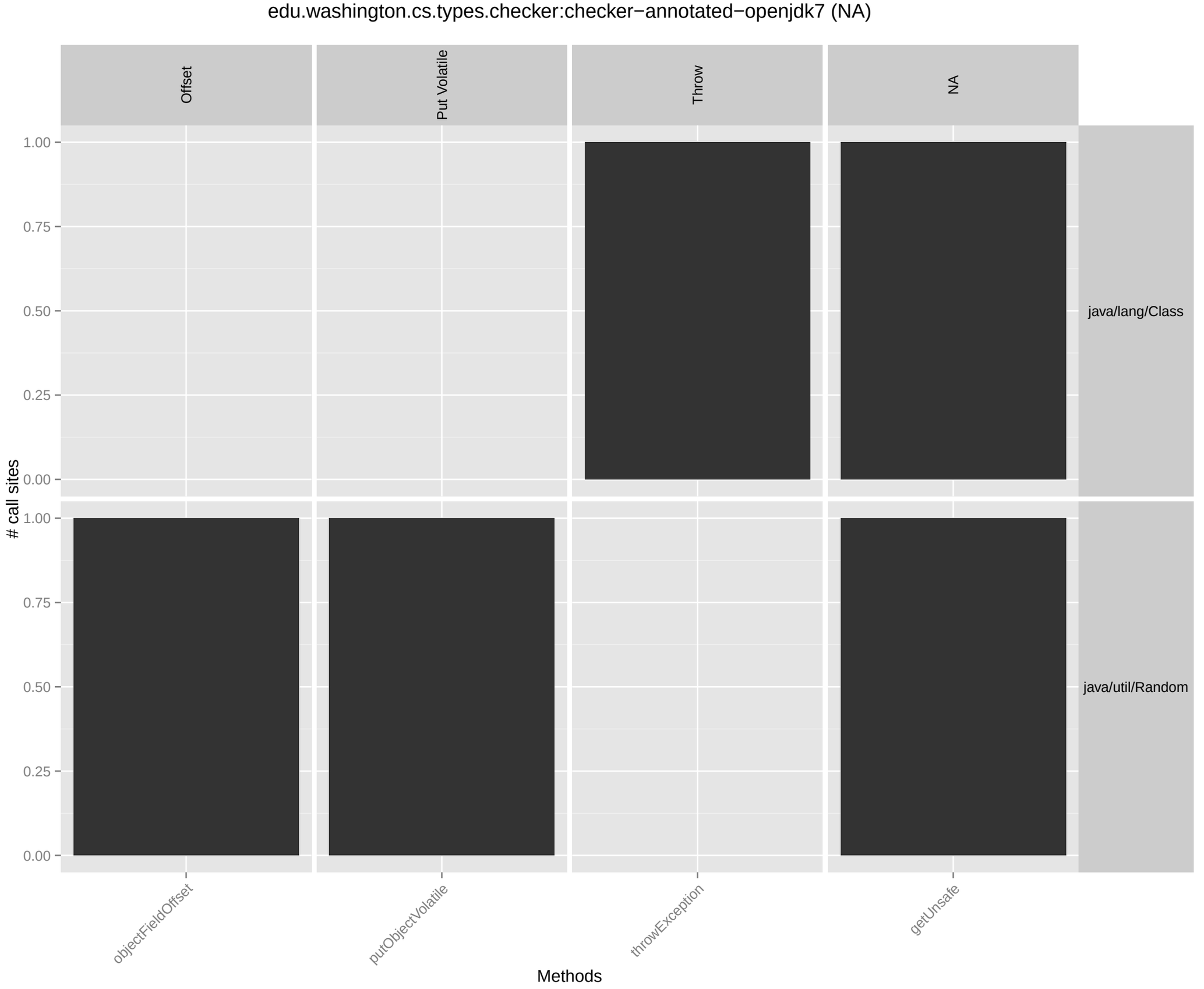

de.matrixweb.smaller:smaller−dev−server (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

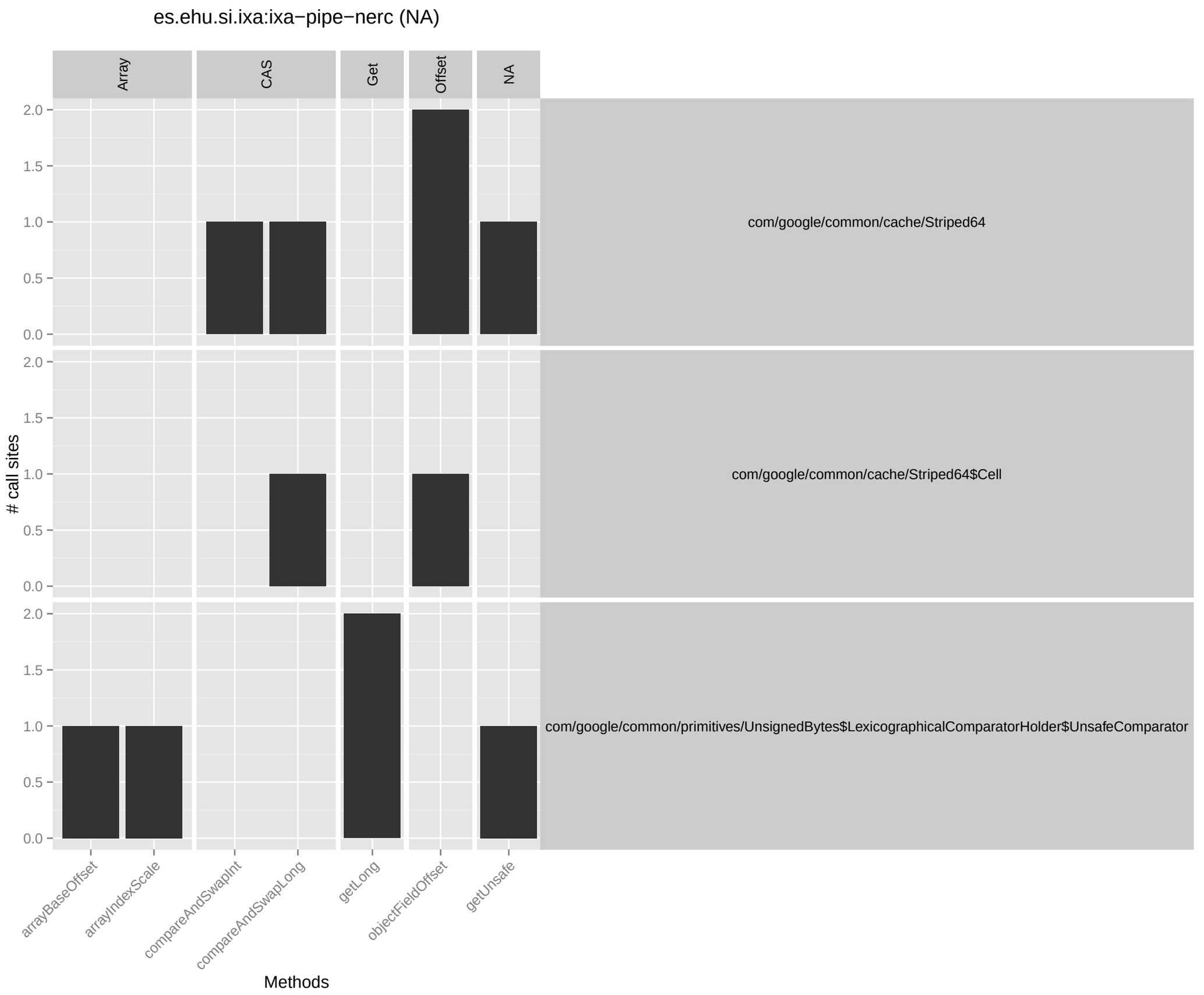

de.matrixweb.smaller:standalone (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

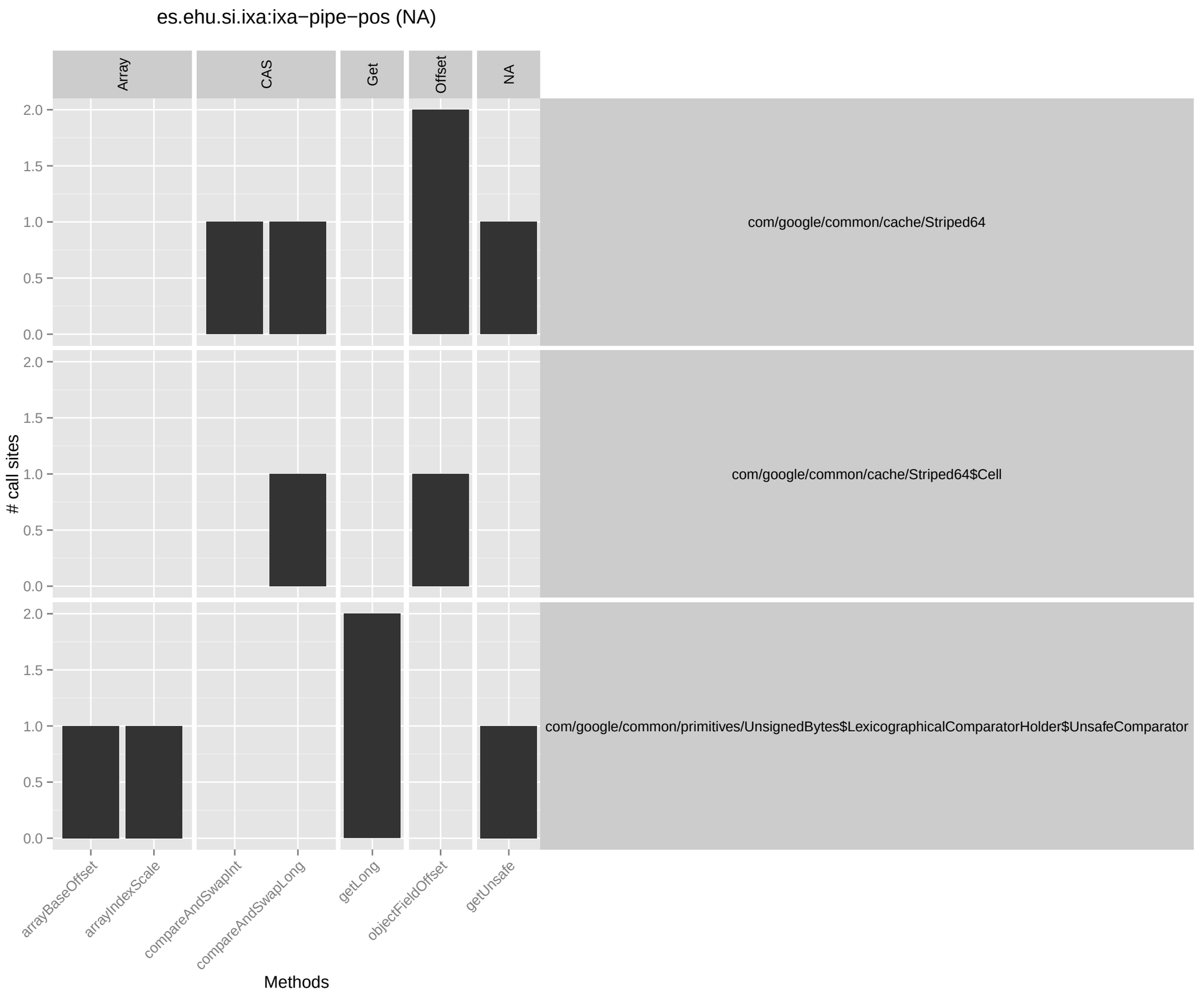

de.sfb876:fact−tools (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

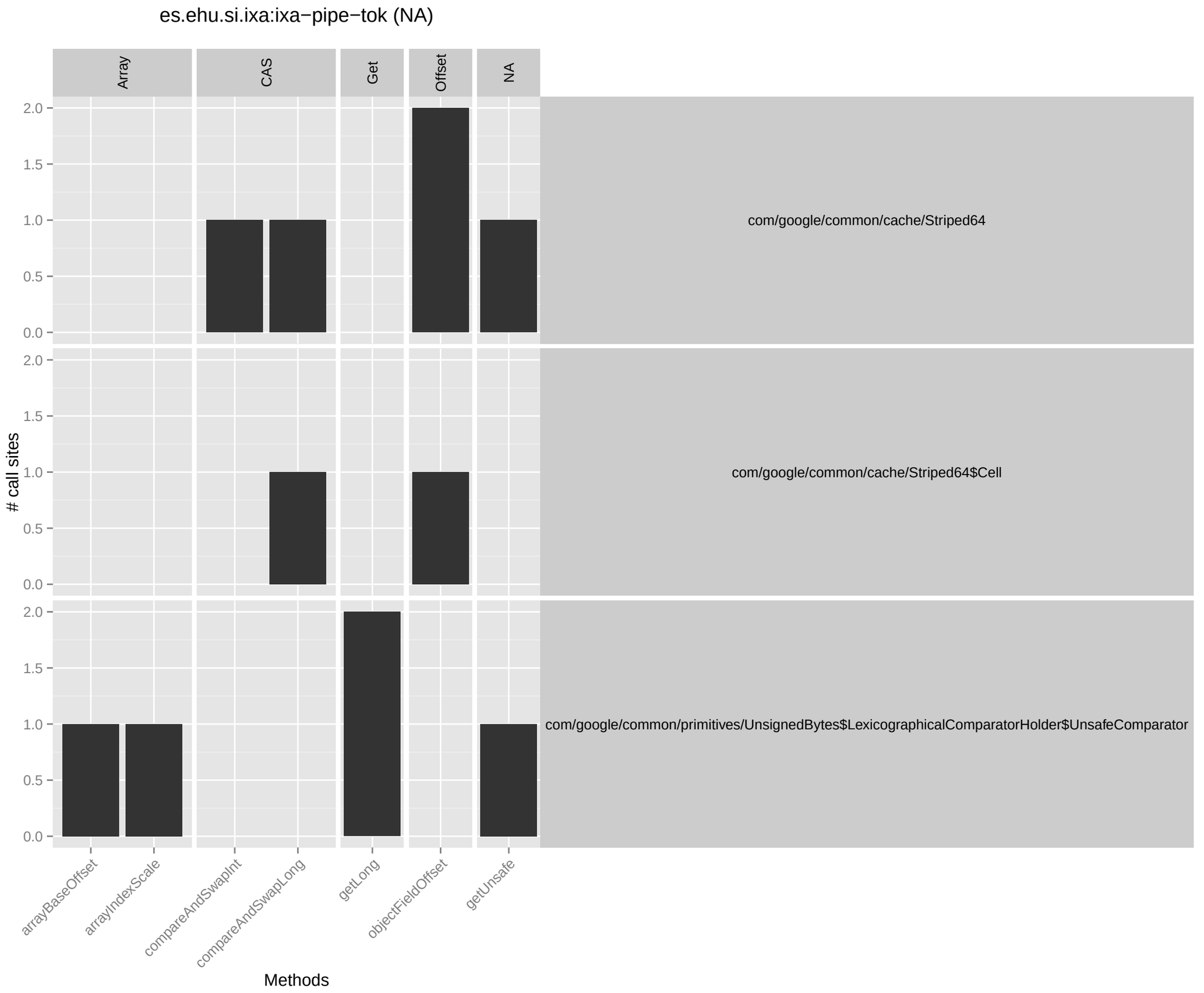

edu.washington.cs.types.checker:checker−annotated−jdk7 (NA)
Offset
Put Volatile
Throw
NA
java/lang/Class
java/util/Random
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putObjectVolatile
throwException
getUnsafe
Methods

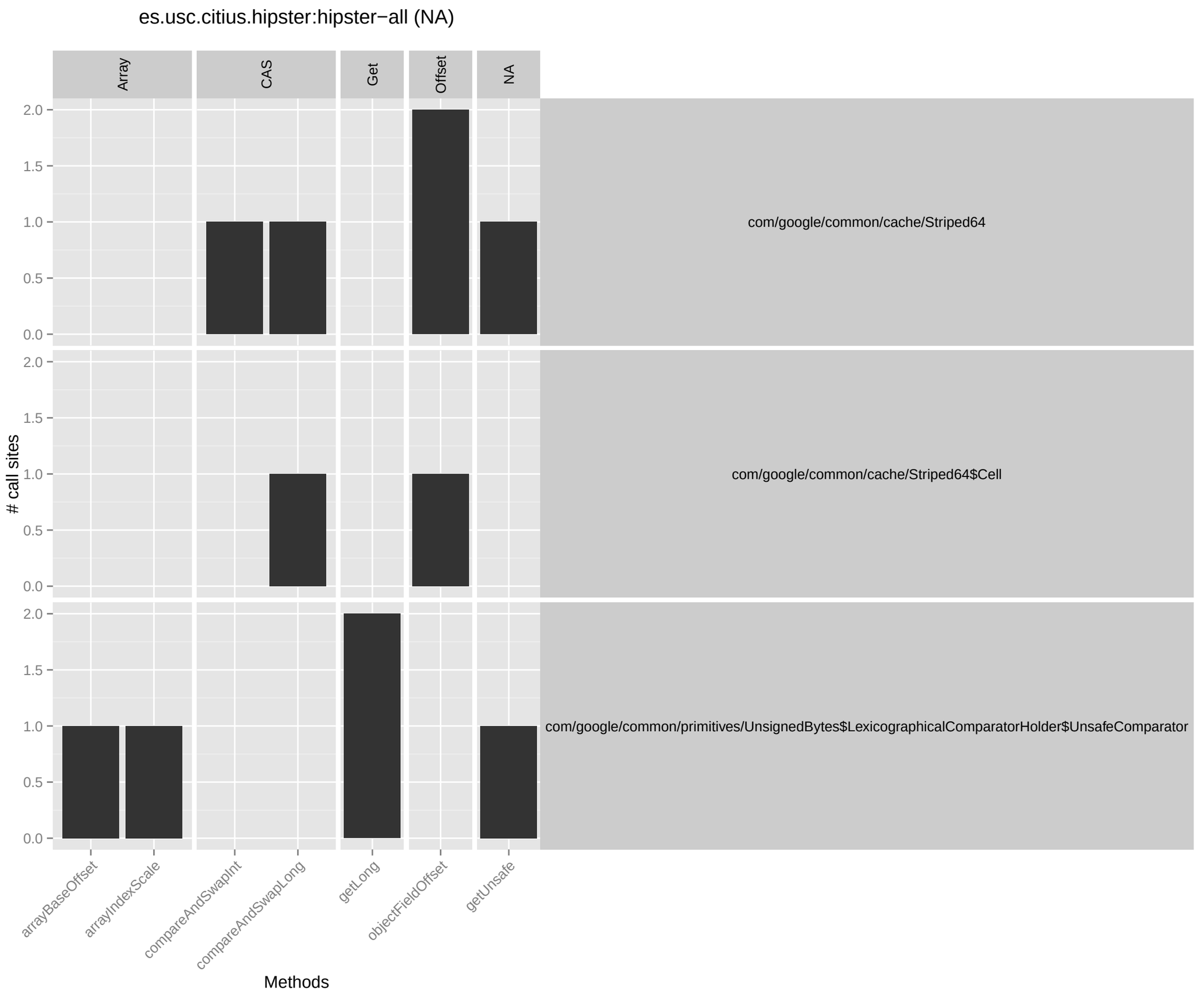

edu.washington.cs.types.checker:checker−annotated−jdk8 (NA)
Offset
Put
Put Volatile
Throw
NA
java/io/File
java/lang/Class
java/util/Random
call sites
2.0
1.5
1.0
0.5
0.0
objectFieldOffset
putObject
putIntVolatile
putObjectVolatile
throwException
getUnsafe
Methods

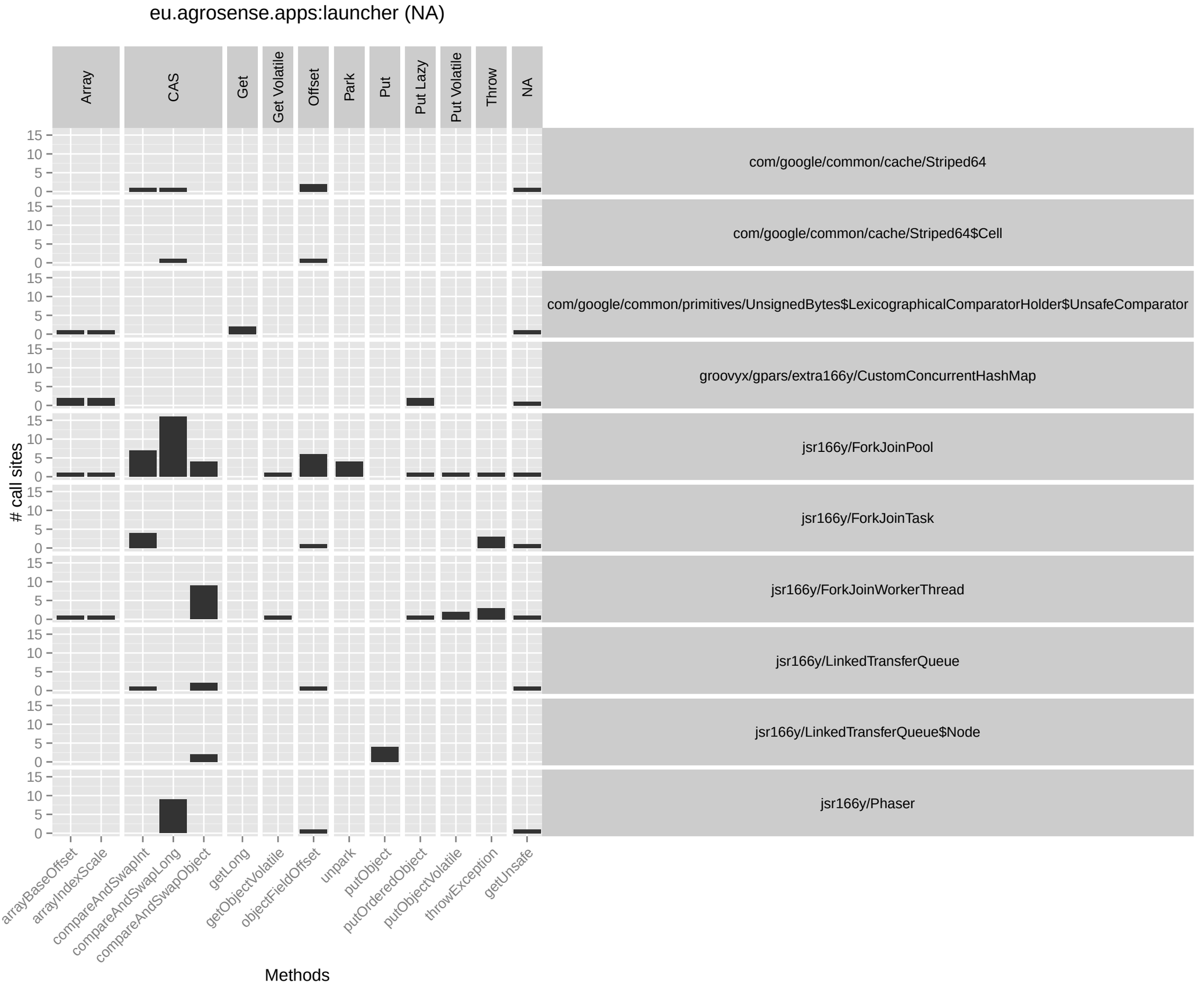

edu.washington.cs.types.checker:checker−annotated−openjdk7 (NA)
Offset
Put Volatile
Throw
NA
java/lang/Class
java/util/Random
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putObjectVolatile
throwException
getUnsafe
Methods

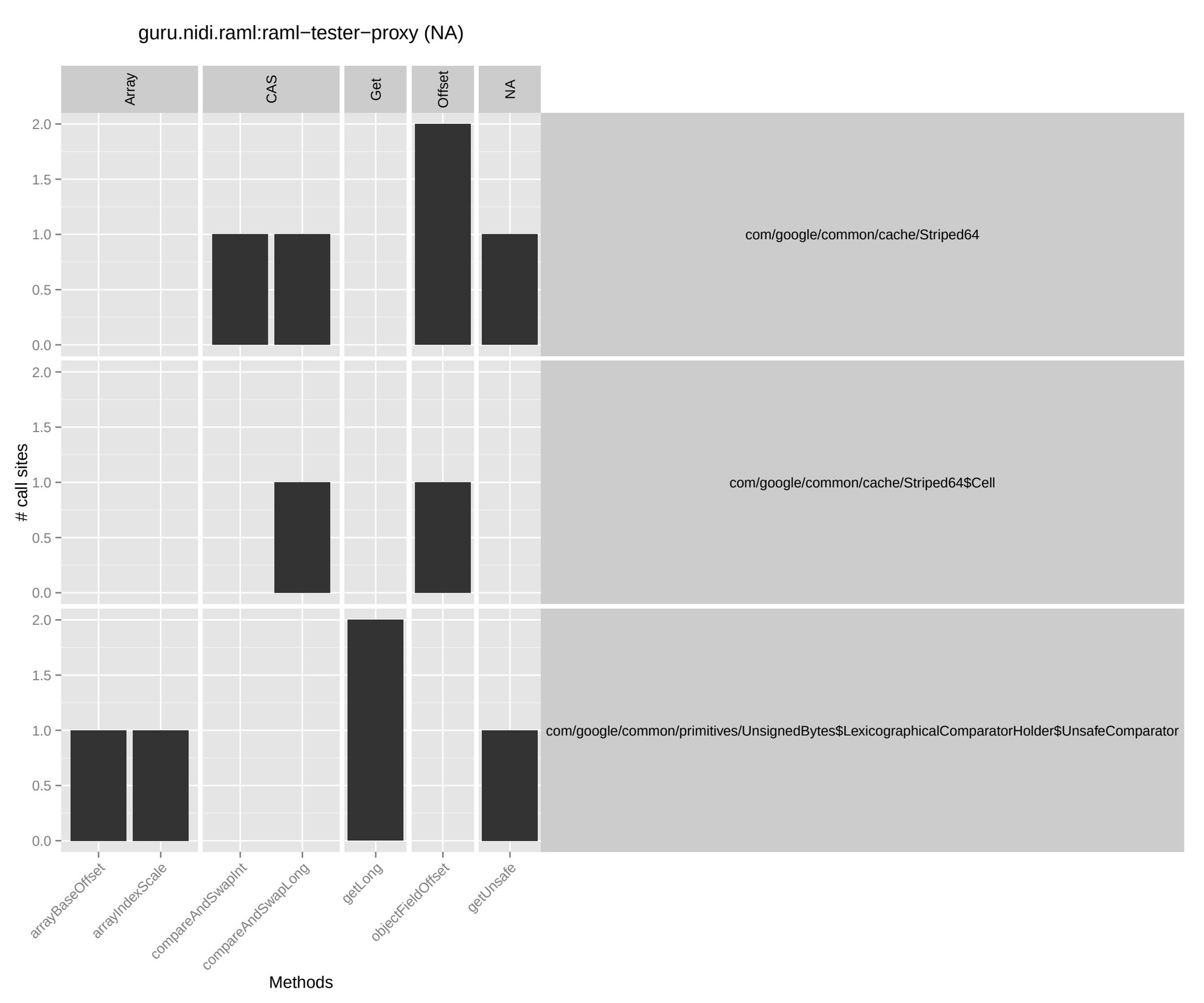

es.ehu.si.ixa:ixa−pipe−nerc (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

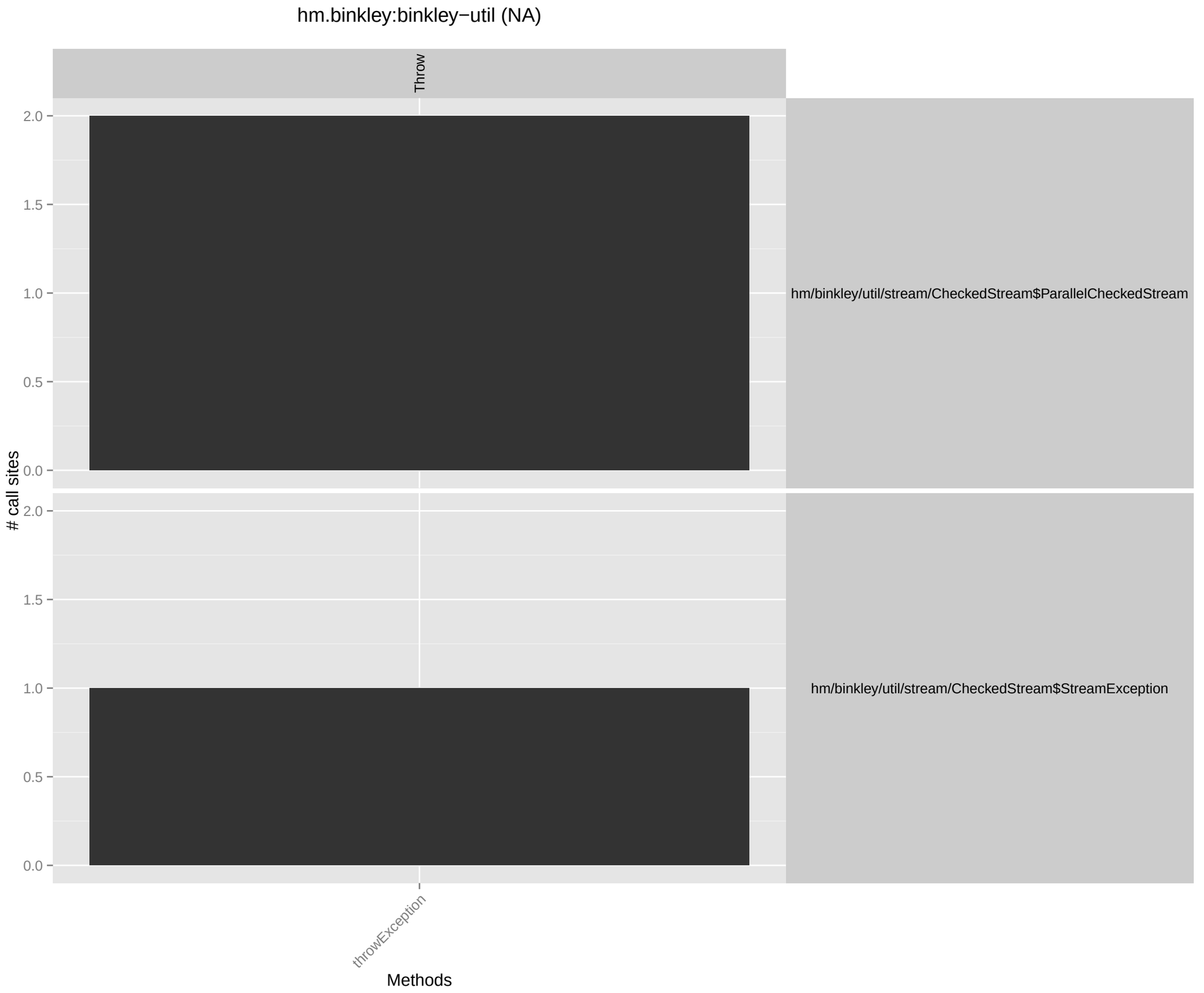

es.ehu.si.ixa:ixa−pipe−pos (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

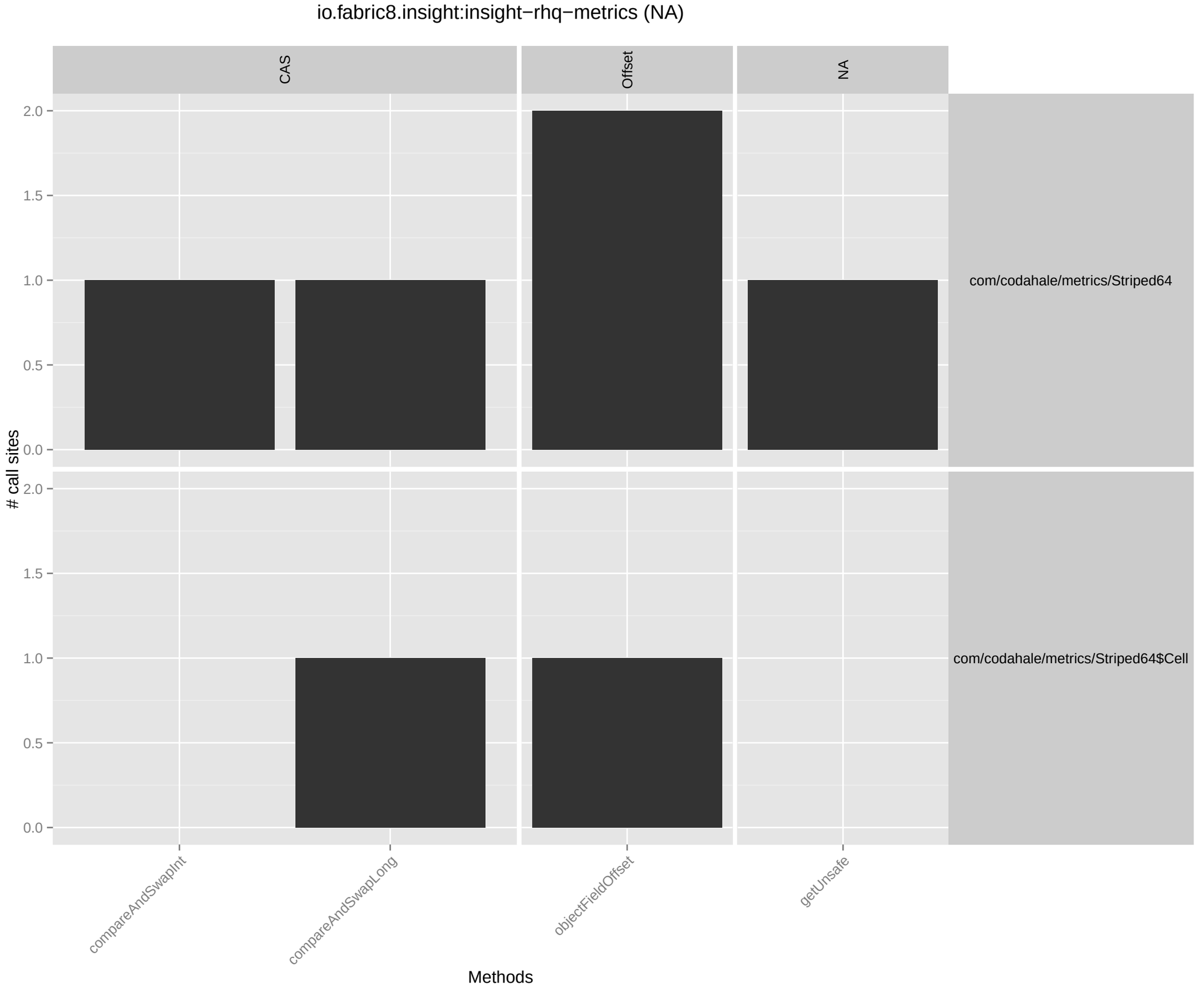

es.ehu.si.ixa:ixa−pipe−tok (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

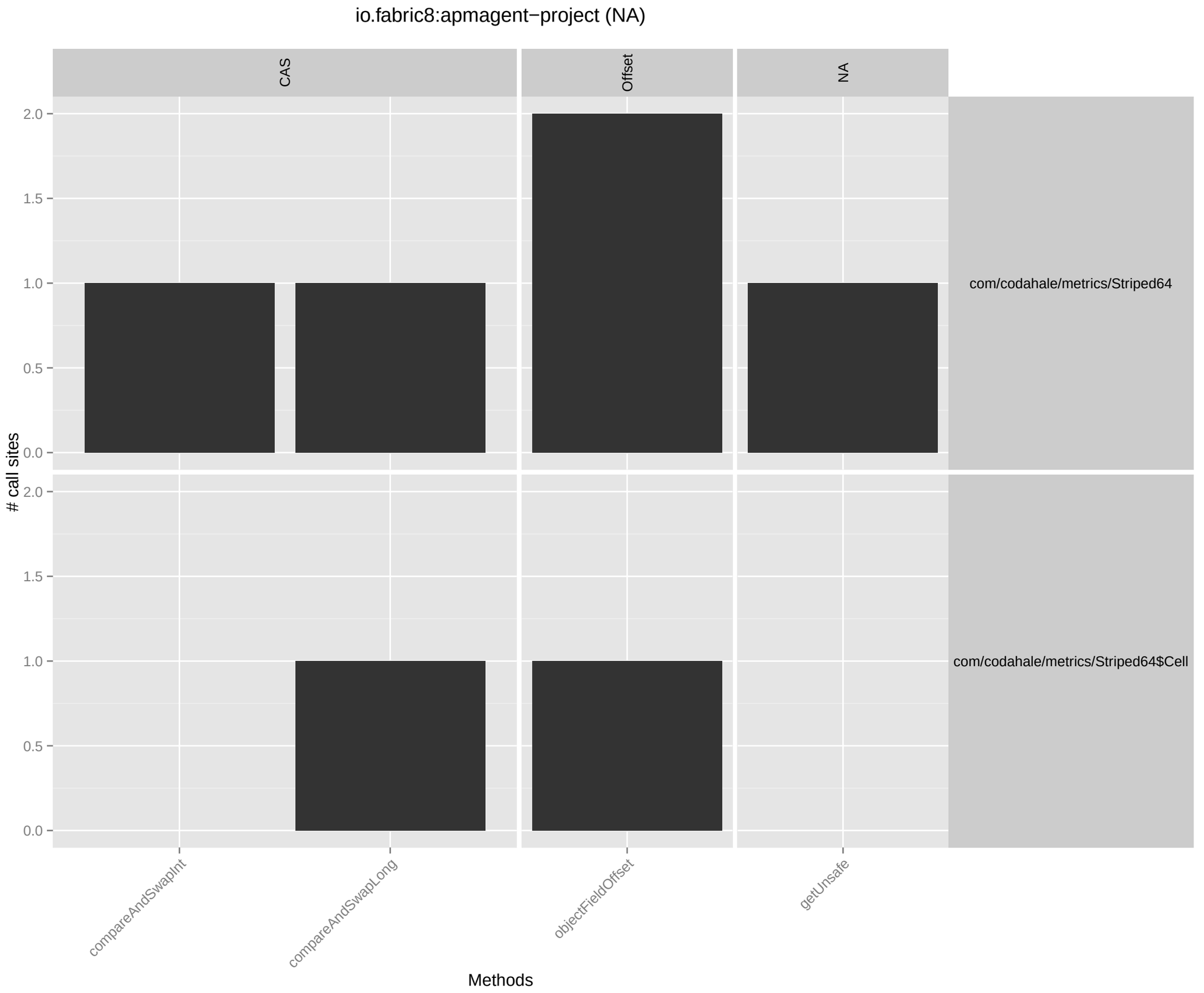

es.usc.citius.hipster:hipster−all (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

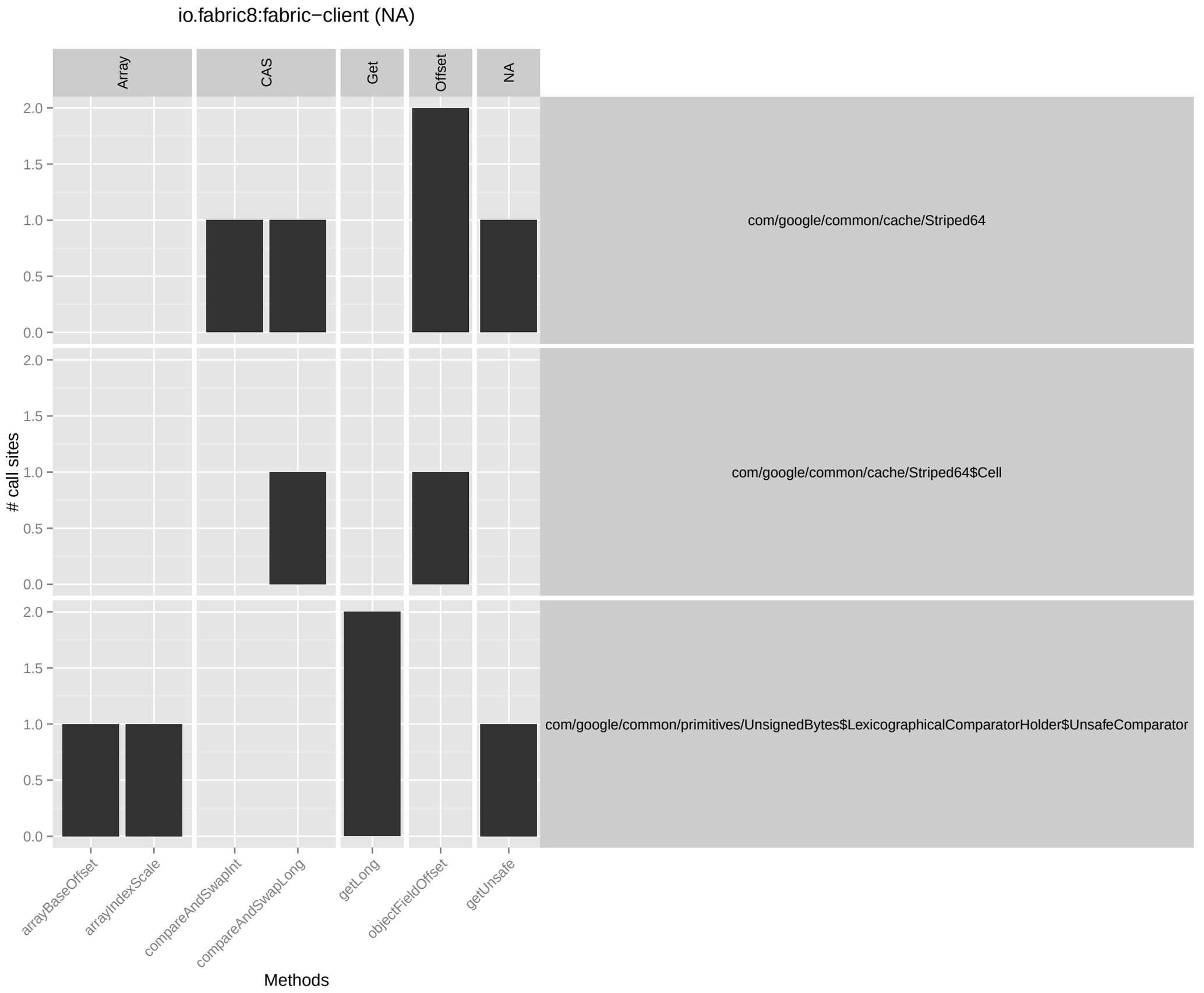

eu.agrosense.apps:launcher (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
groovyx/gpars/extra166y/CustomConcurrentHashMap
jsr166y/ForkJoinPool
jsr166y/ForkJoinTask
jsr166y/ForkJoinWorkerThread
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
unpark
putObject
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

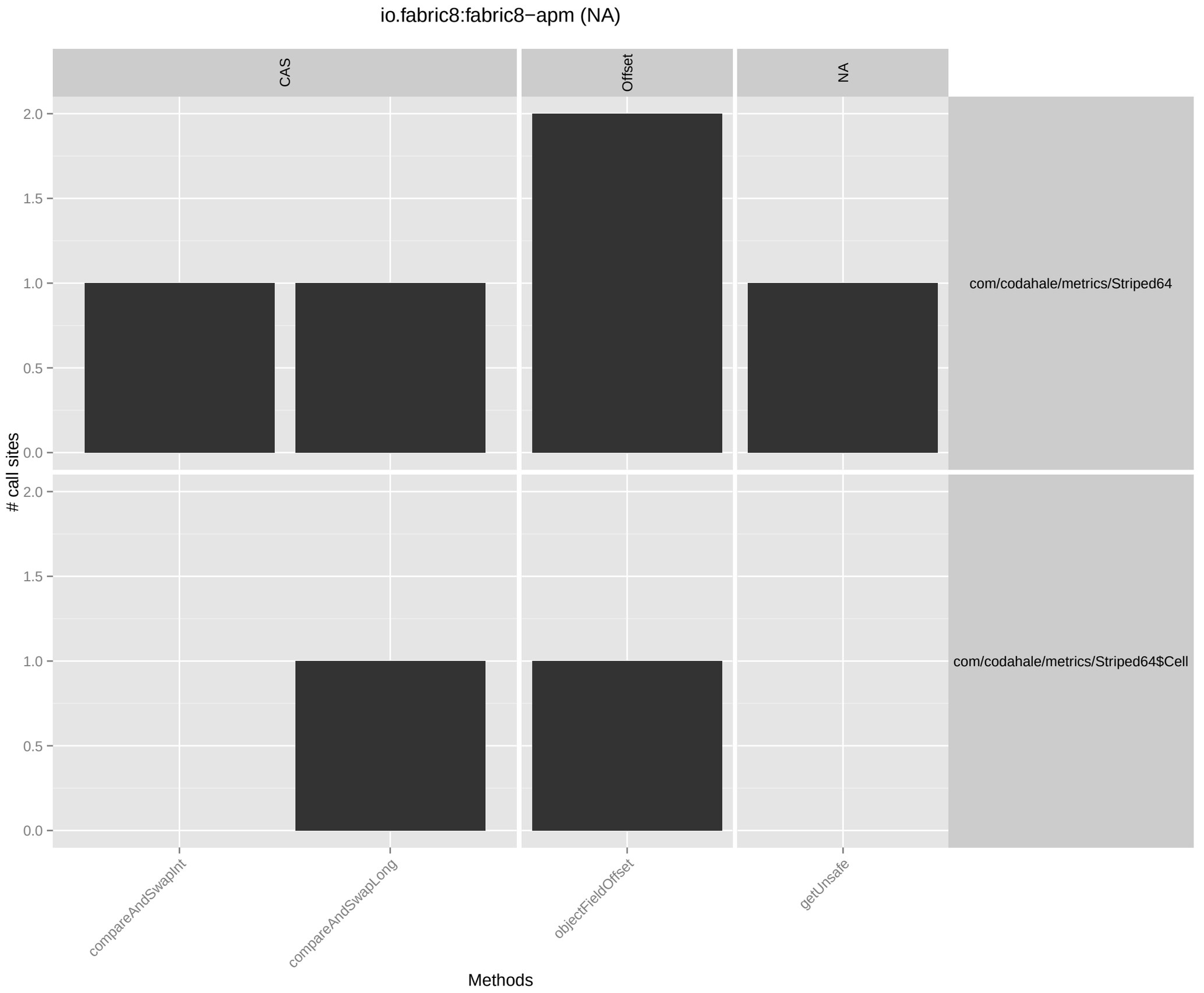

guru.nidi.raml:raml−tester−proxy (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

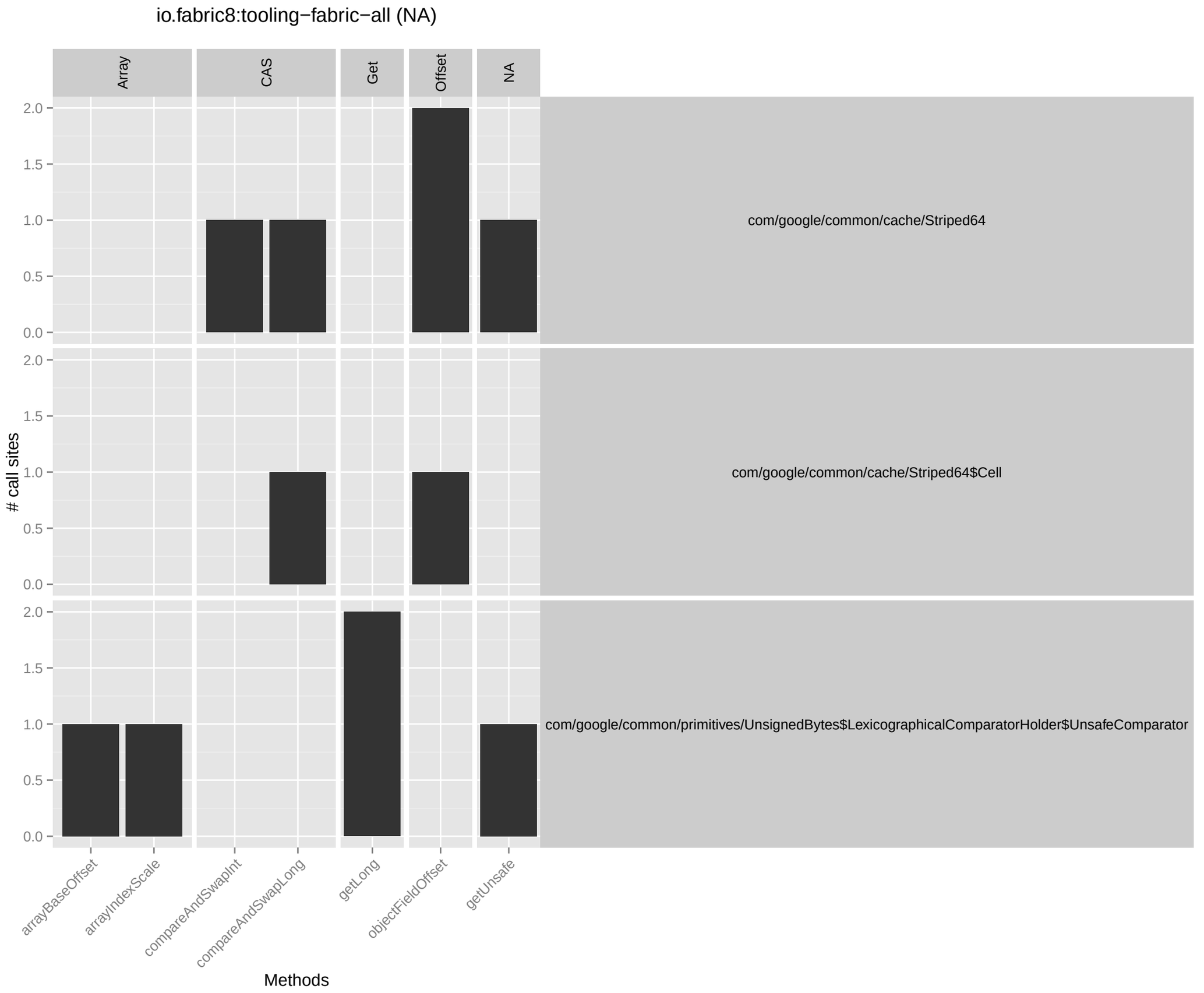

hm.binkley:binkley−util (NA)
Throw
2.0
1.5
1.0
0.5
0.0
hm/binkley/util/stream/CheckedStream$ParallelCheckedStream
hm/binkley/util/stream/CheckedStream$StreamException
call sites
throwException
Methods

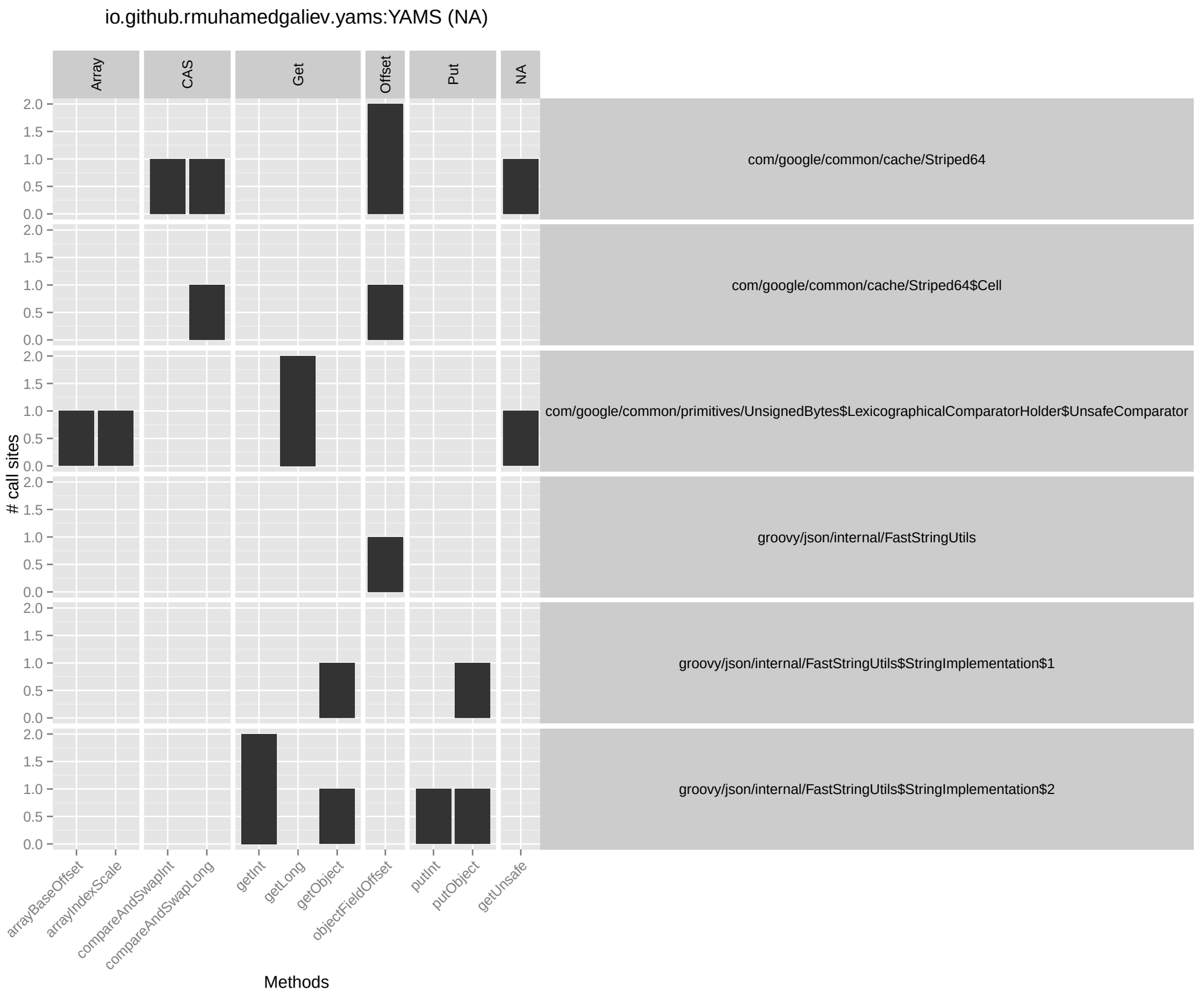

io.fabric8.insight:insight−rhq−metrics (NA)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

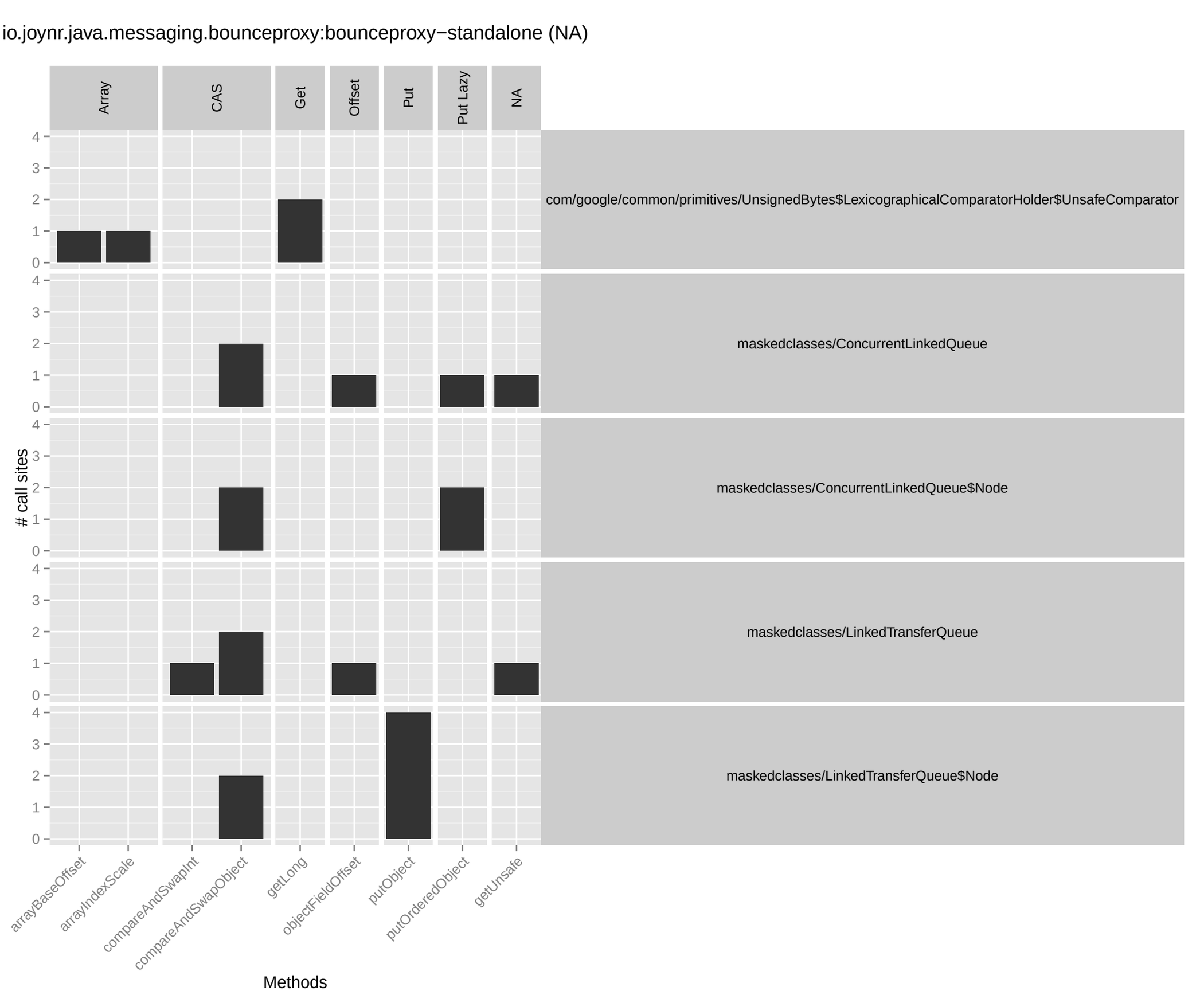

io.fabric8:apmagent−project (NA)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

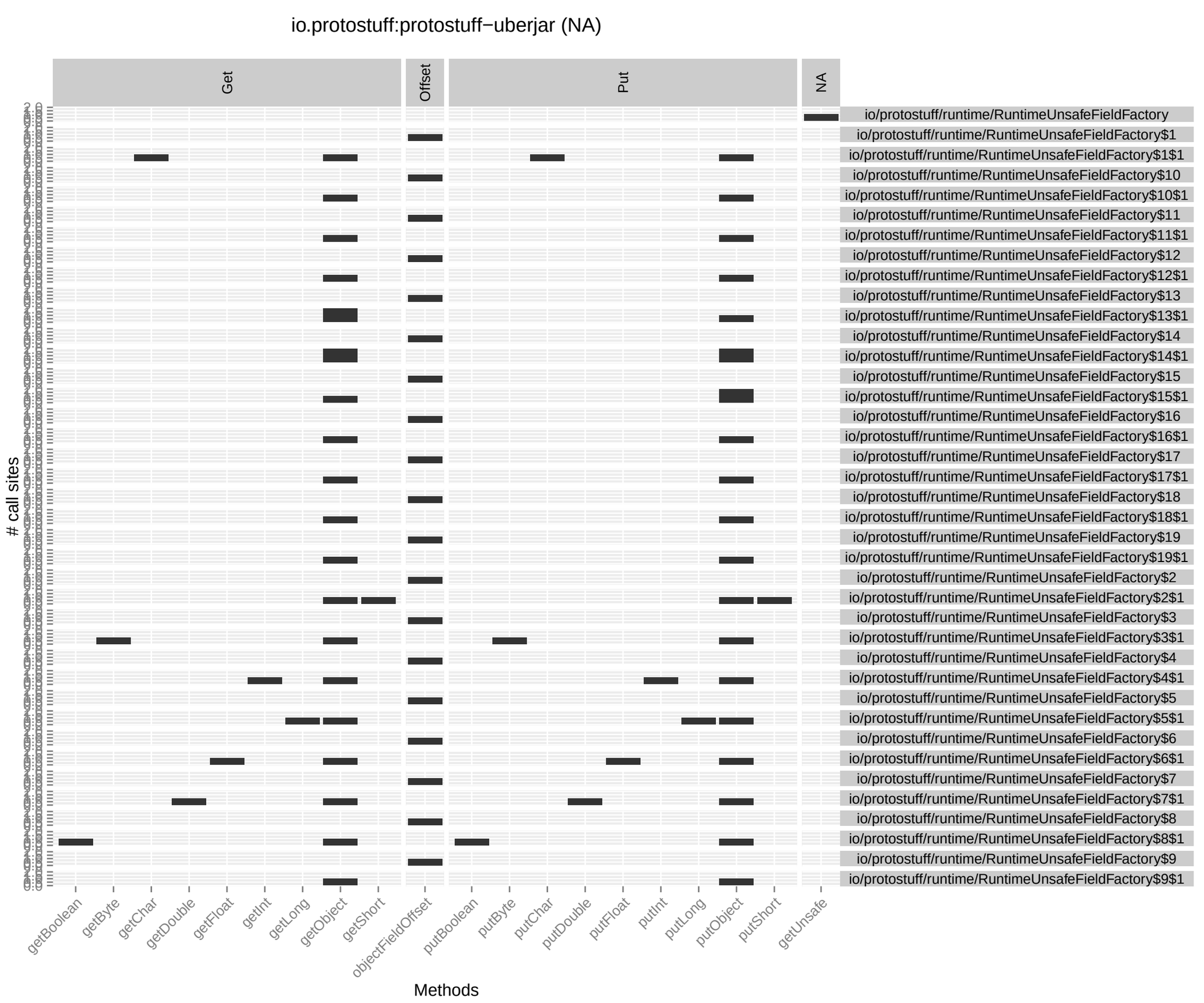

io.fabric8:fabric−client (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

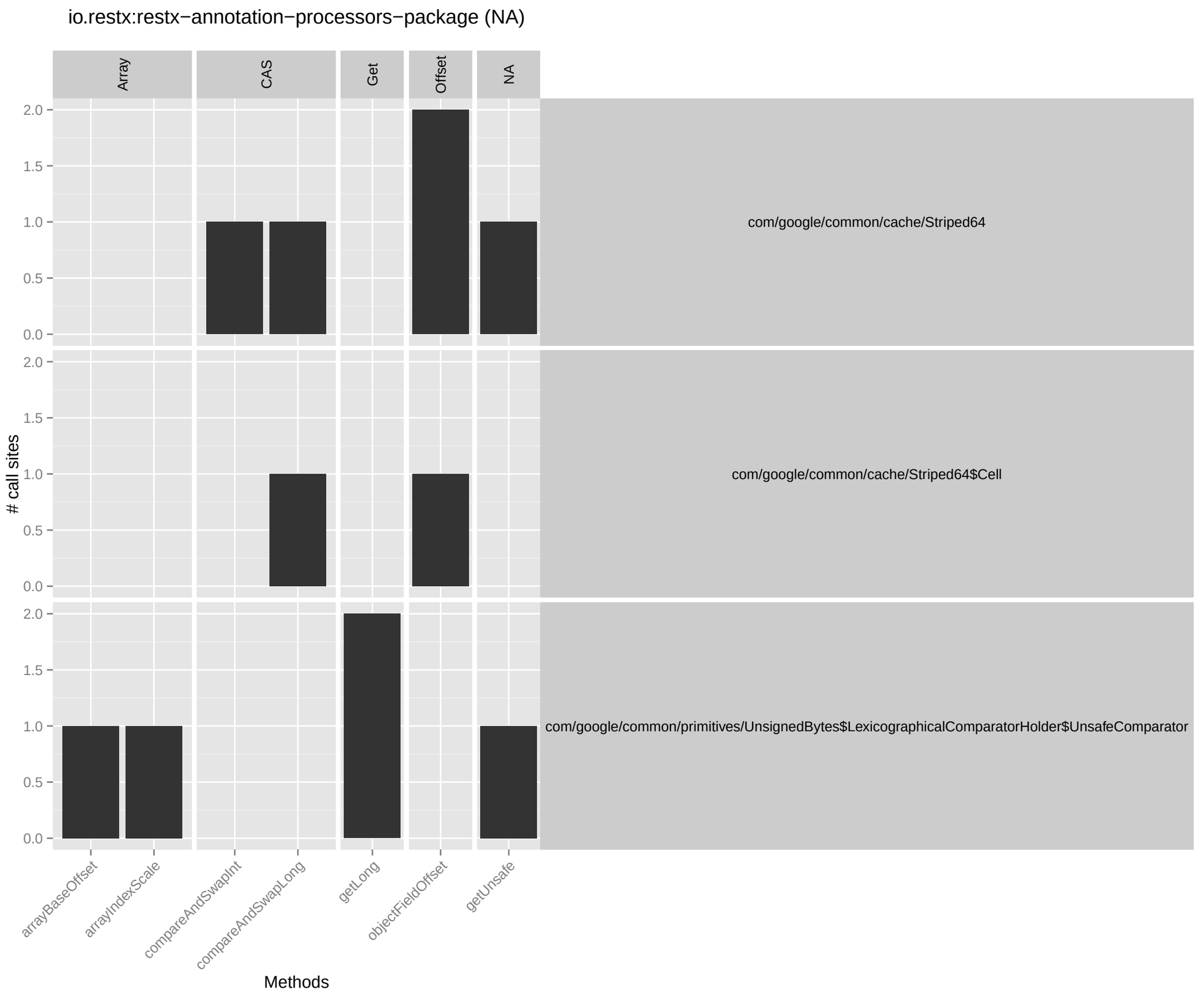

io.fabric8:fabric8−apm (NA)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

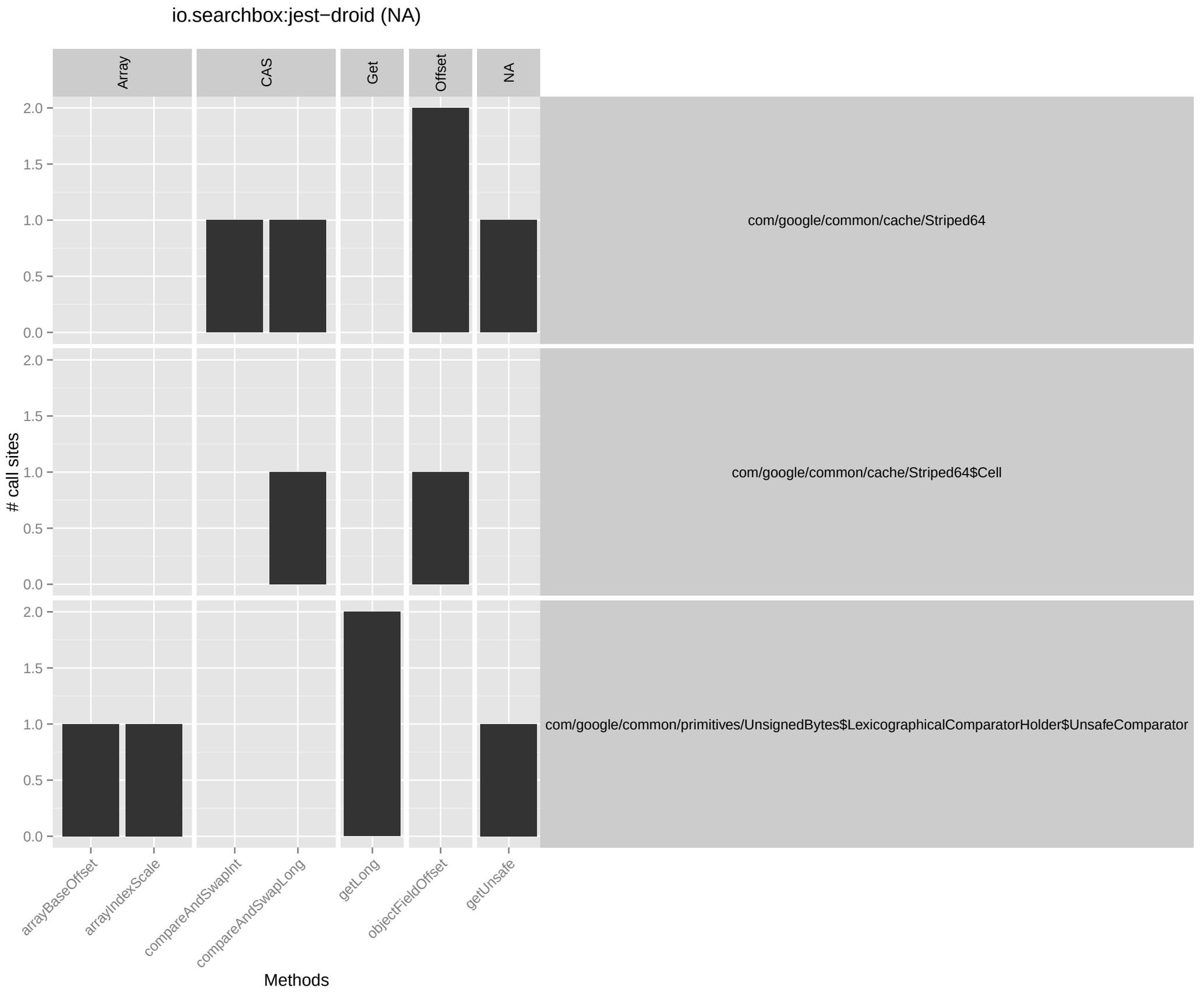

io.fabric8:tooling−fabric−all (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

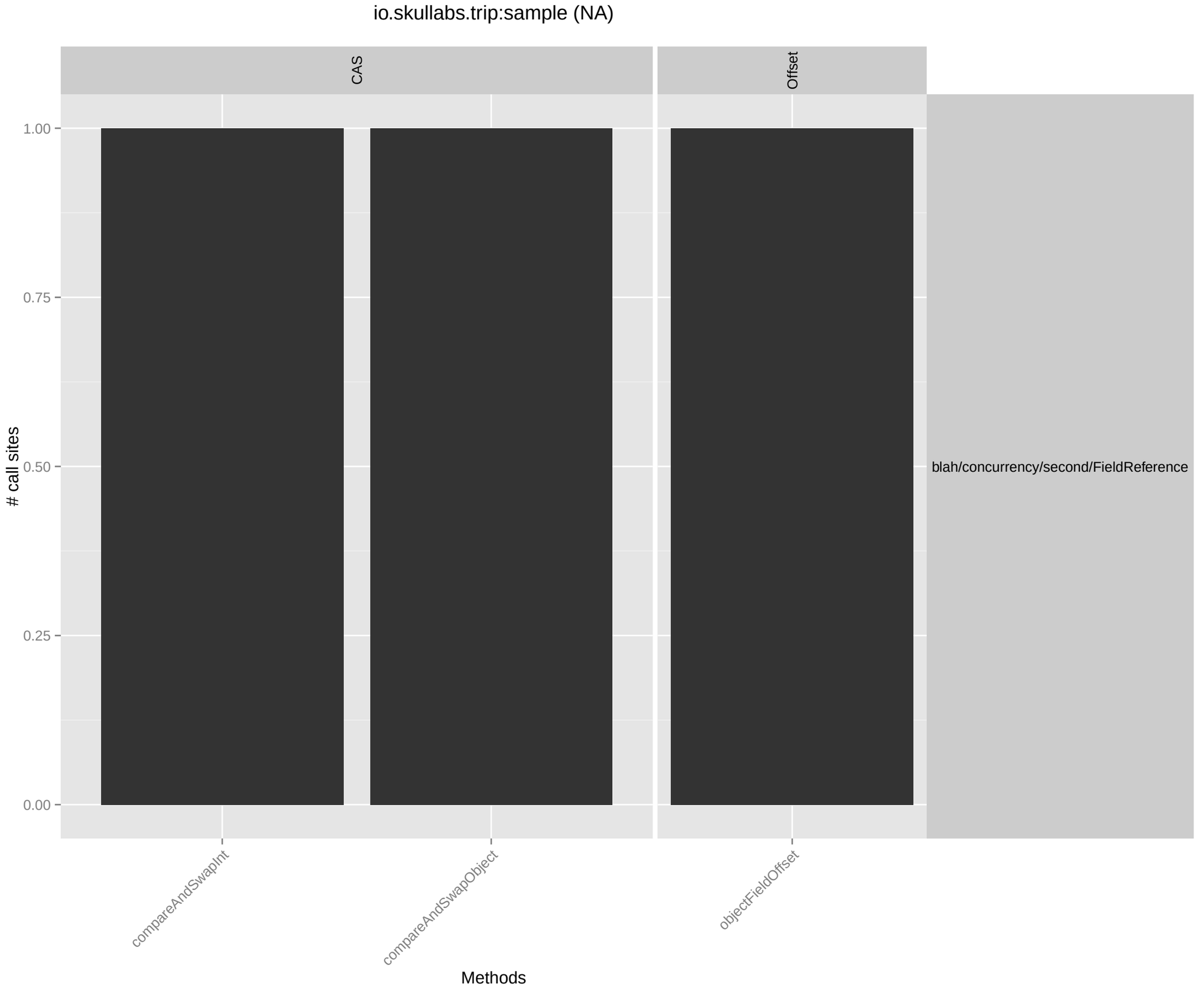

io.github.rmuhamedgaliev.yams:YAMS (NA)
Array
CAS
Get
Offset
Put
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getInt
getLong
getObject
objectFieldOffset
putInt
putObject
getUnsafe
Methods

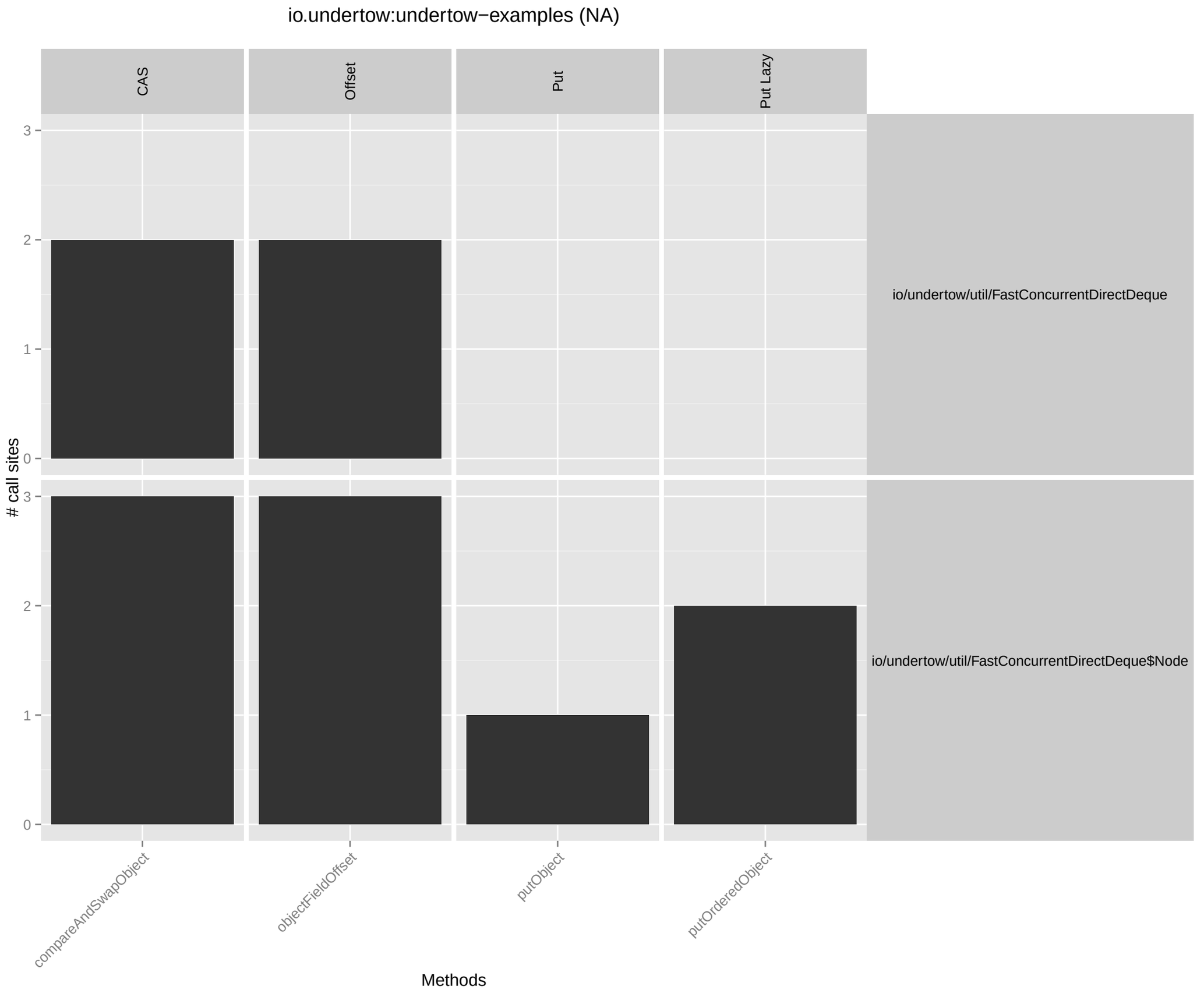

io.joynr.java.messaging.bounceproxy:bounceproxy−standalone (NA)
Array
CAS
Get
Offset
Put
Put Lazy
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapObject
getLong
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

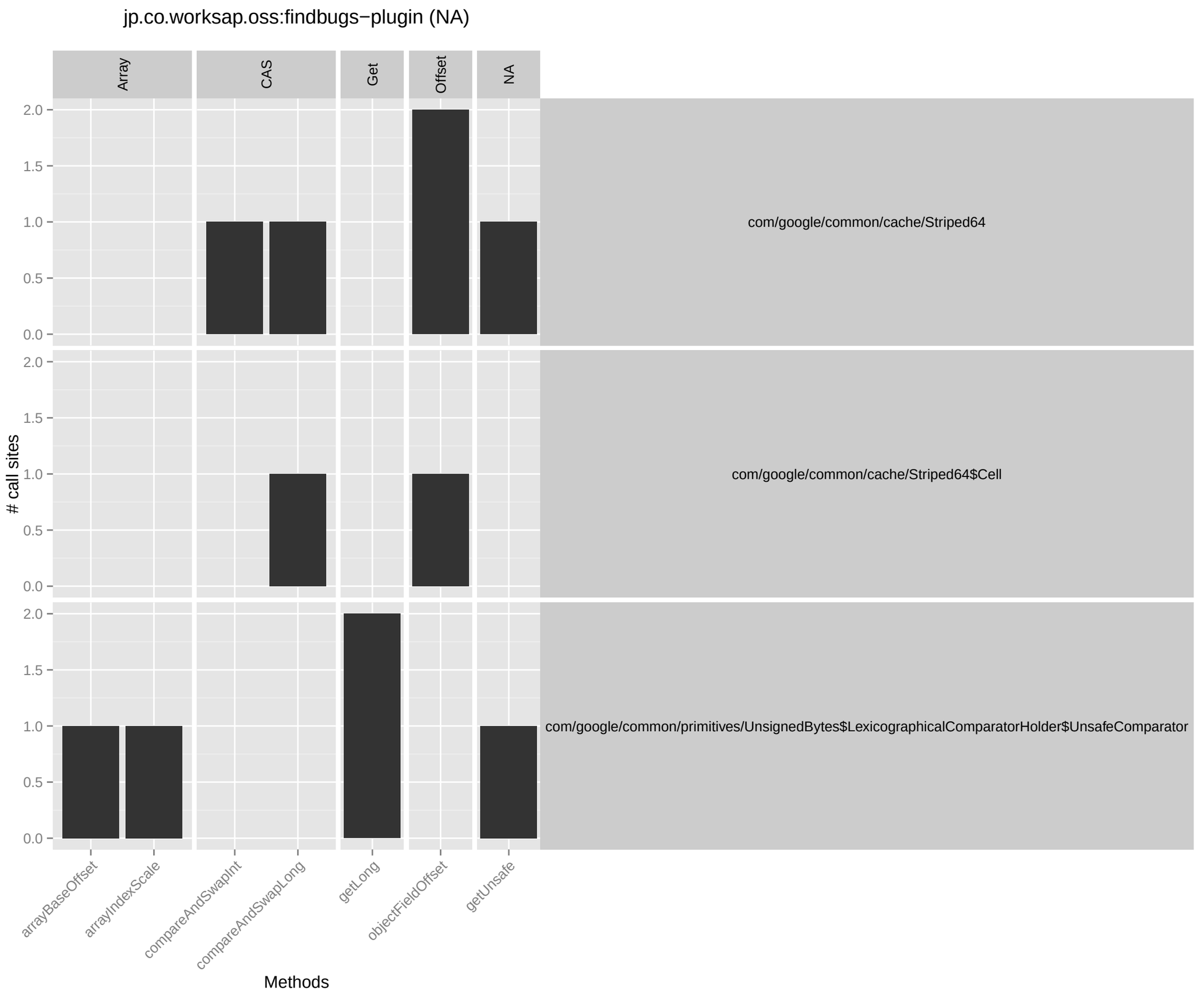

io.protostuff:protostuff−uberjar (NA)
Get
Offset
Put
NA
call sites
Methods
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
io/protostuff/runtime/RuntimeUnsafeFieldFactory
io/protostuff/runtime/RuntimeUnsafeFieldFactory$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$1$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$10
io/protostuff/runtime/RuntimeUnsafeFieldFactory$10$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$11
io/protostuff/runtime/RuntimeUnsafeFieldFactory$11$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$12
io/protostuff/runtime/RuntimeUnsafeFieldFactory$12$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$13
io/protostuff/runtime/RuntimeUnsafeFieldFactory$13$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$14
io/protostuff/runtime/RuntimeUnsafeFieldFactory$14$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$15
io/protostuff/runtime/RuntimeUnsafeFieldFactory$15$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$16
io/protostuff/runtime/RuntimeUnsafeFieldFactory$16$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$17
io/protostuff/runtime/RuntimeUnsafeFieldFactory$17$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$18
io/protostuff/runtime/RuntimeUnsafeFieldFactory$18$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$19
io/protostuff/runtime/RuntimeUnsafeFieldFactory$19$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$2
io/protostuff/runtime/RuntimeUnsafeFieldFactory$2$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$3
io/protostuff/runtime/RuntimeUnsafeFieldFactory$3$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$4
io/protostuff/runtime/RuntimeUnsafeFieldFactory$4$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$5
io/protostuff/runtime/RuntimeUnsafeFieldFactory$5$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$6
io/protostuff/runtime/RuntimeUnsafeFieldFactory$6$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$7
io/protostuff/runtime/RuntimeUnsafeFieldFactory$7$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$8
io/protostuff/runtime/RuntimeUnsafeFieldFactory$8$1
io/protostuff/runtime/RuntimeUnsafeFieldFactory$9
io/protostuff/runtime/RuntimeUnsafeFieldFactory$9$1

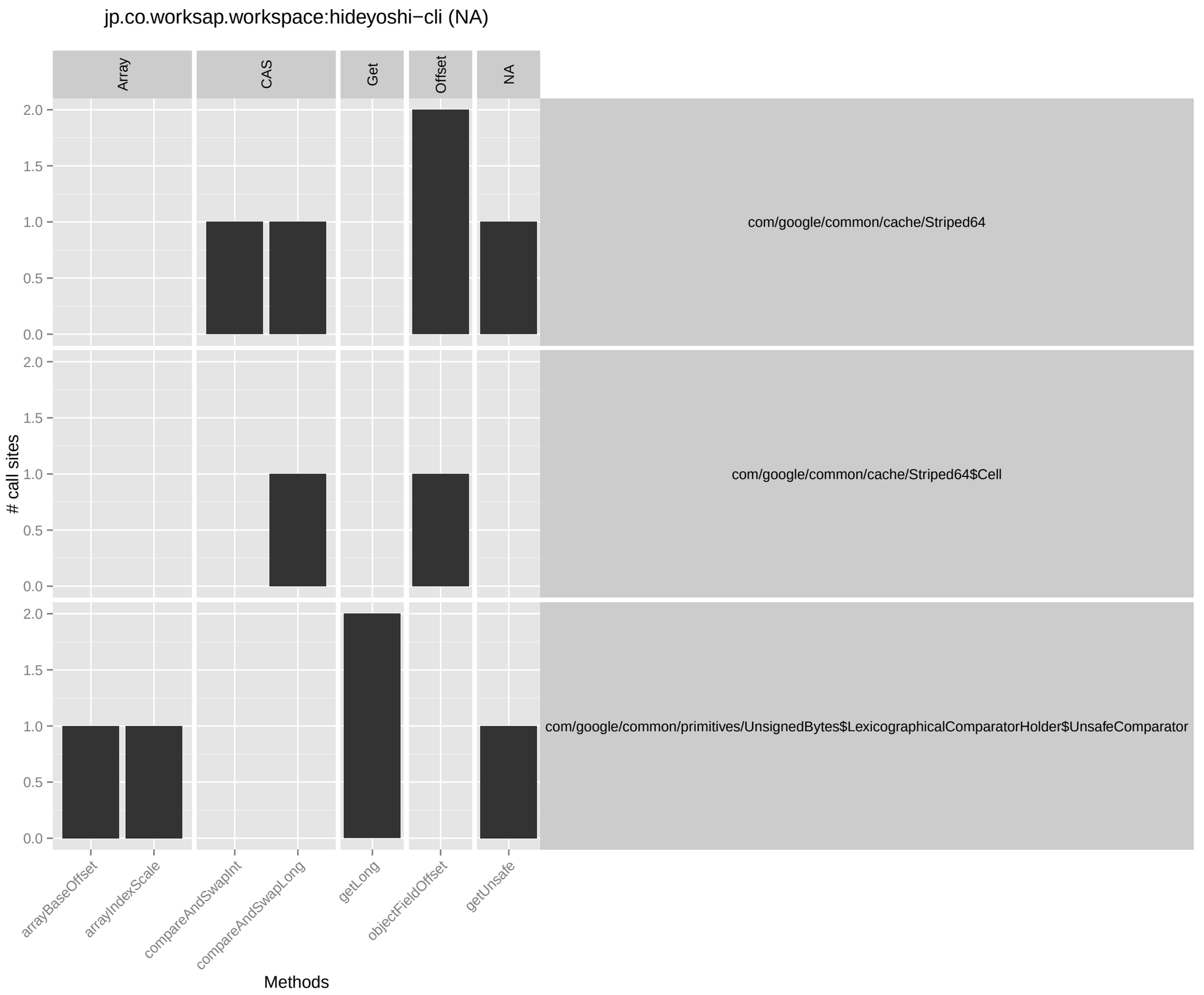

io.restx:restx−annotation−processors−package (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

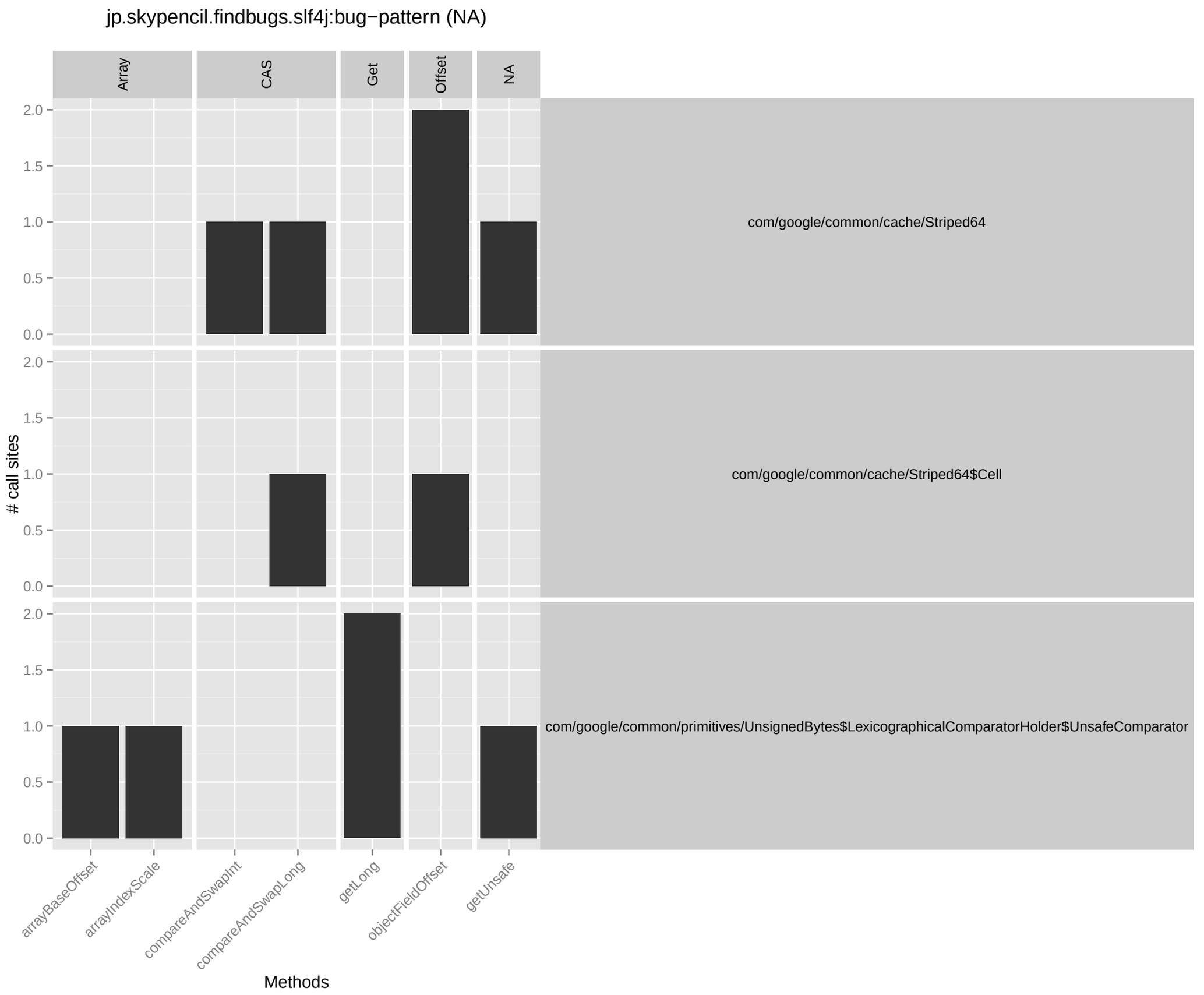

io.searchbox:jest−droid (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

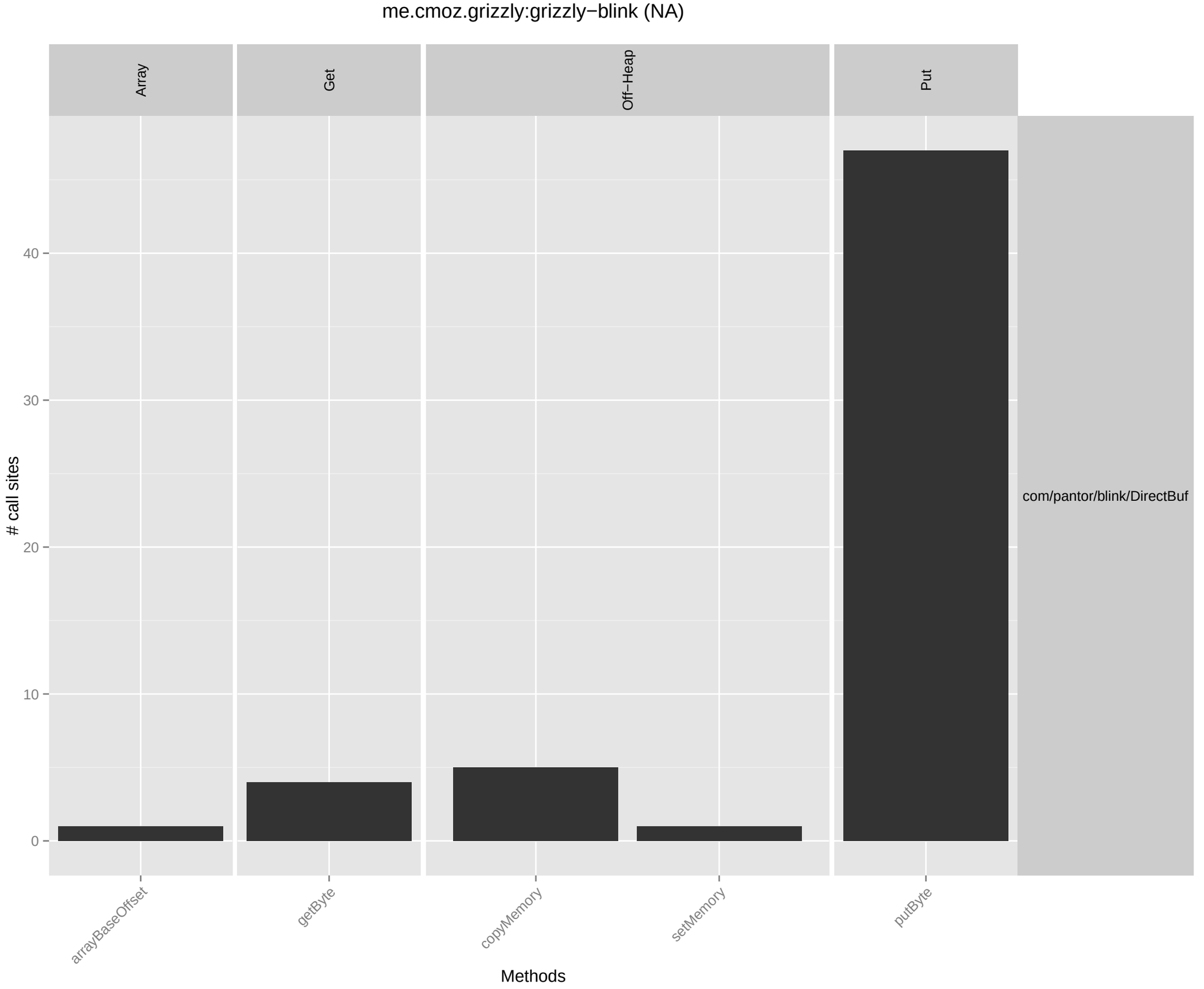

io.skullabs.trip:sample (NA)
CAS
Offset
blah/concurrency/second/FieldReference
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
Methods

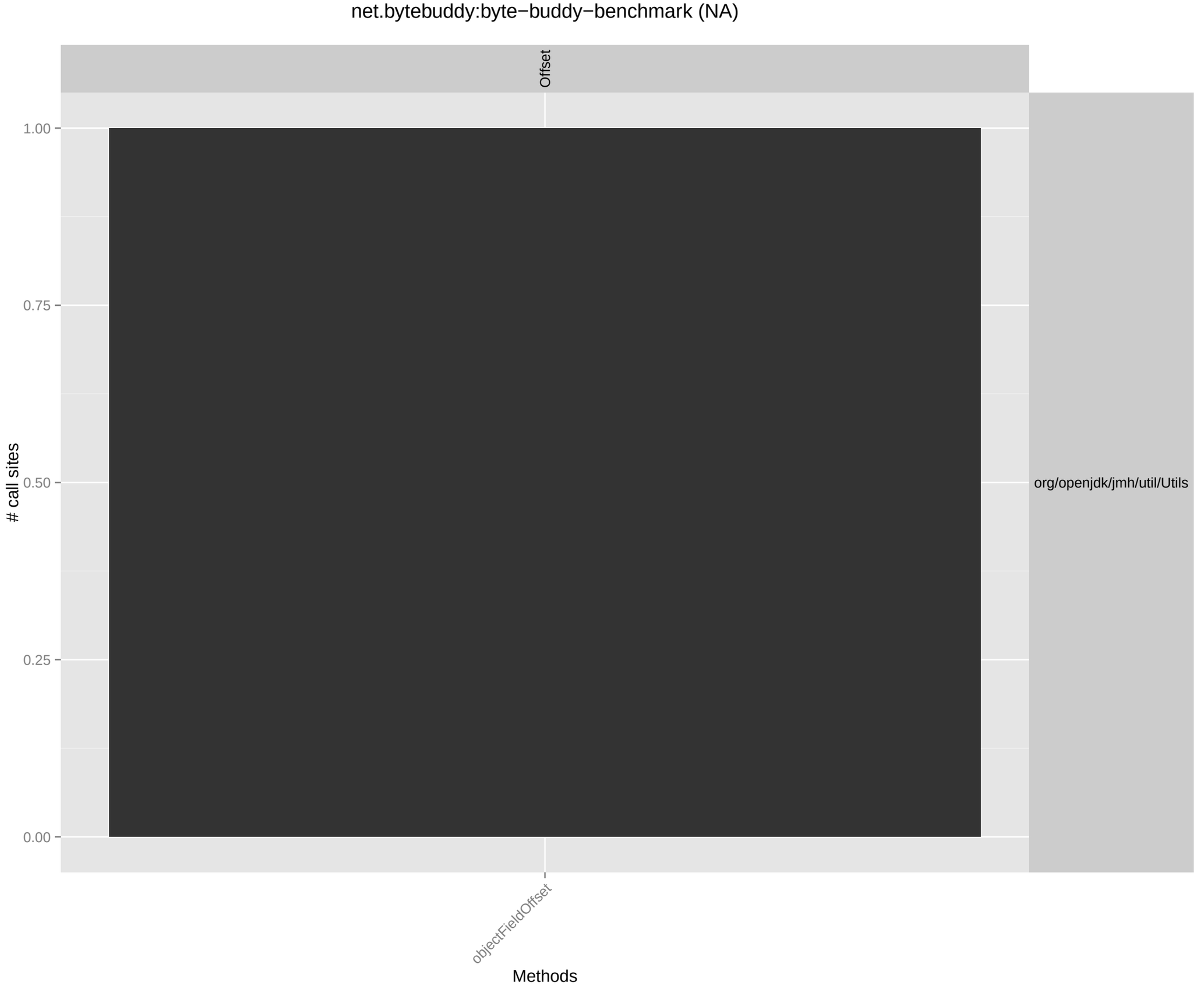

io.undertow:undertow−examples (NA)
CAS
Offset
Put
Put Lazy
io/undertow/util/FastConcurrentDirectDeque
io/undertow/util/FastConcurrentDirectDeque$Node
call sites
0
1
2
3
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
Methods

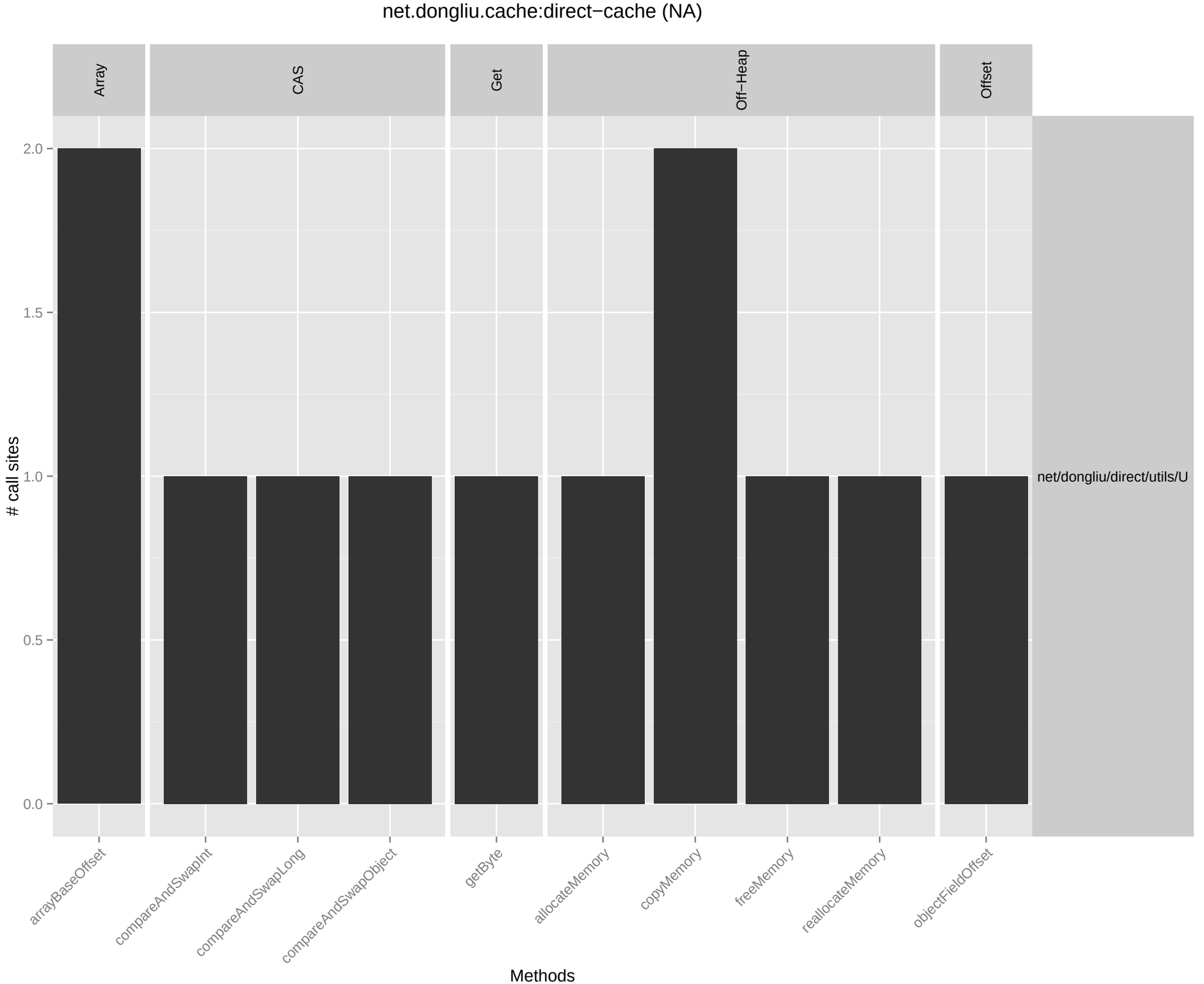

jp.co.worksap.oss:findbugs−plugin (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

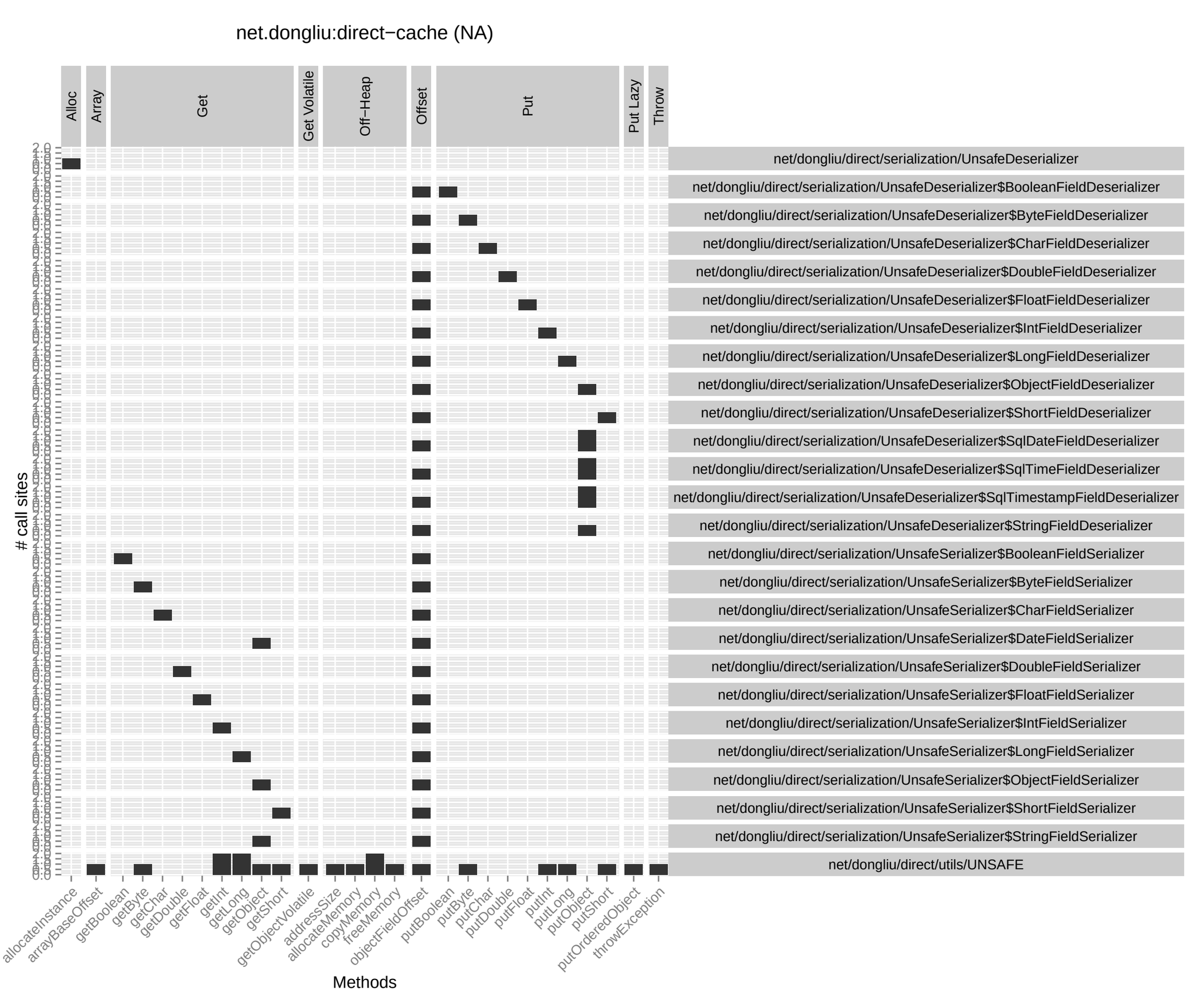

jp.co.worksap.workspace:hideyoshi−cli (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

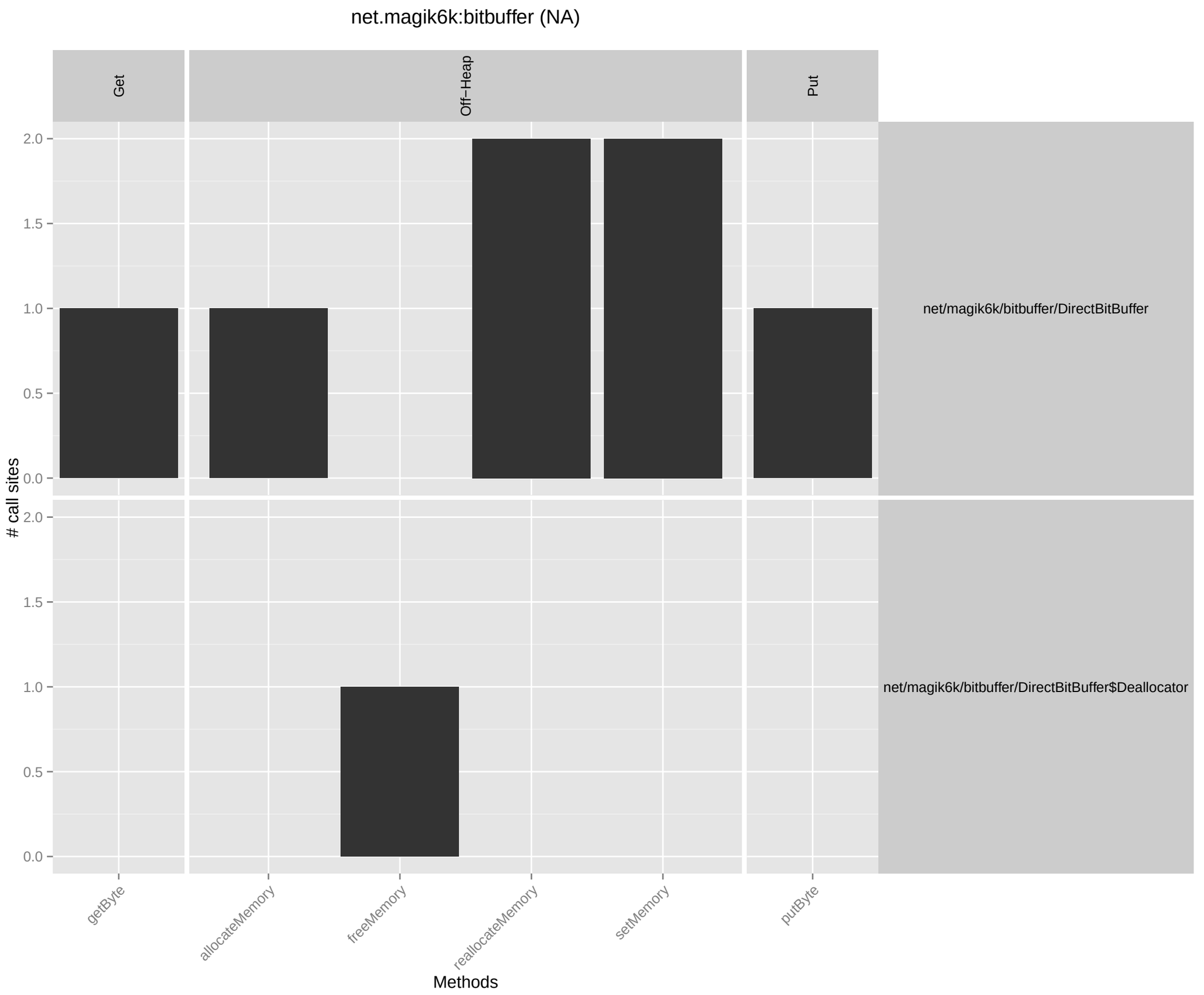

jp.skypencil.findbugs.slf4j:bug−pattern (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

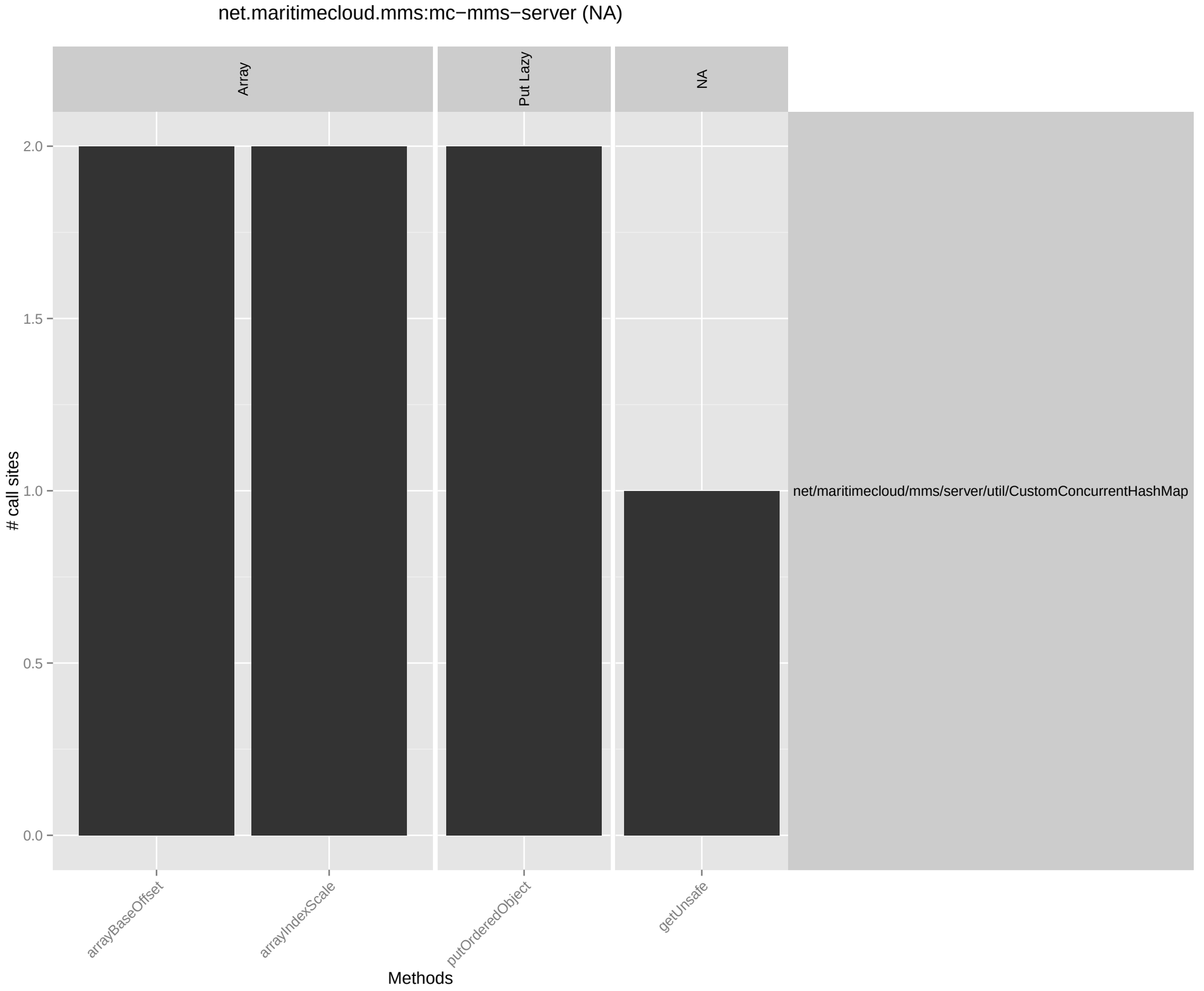

me.cmoz.grizzly:grizzly−blink (NA)
Array
Get
Off−Heap
Put
com/pantor/blink/DirectBuf
call sites
0
10
20
30
40
arrayBaseOffset
getByte
copyMemory
setMemory
putByte
Methods


net.bytebuddy:byte−buddy−benchmark (NA)
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/openjdk/jmh/util/Utils
objectFieldOffset
Methods

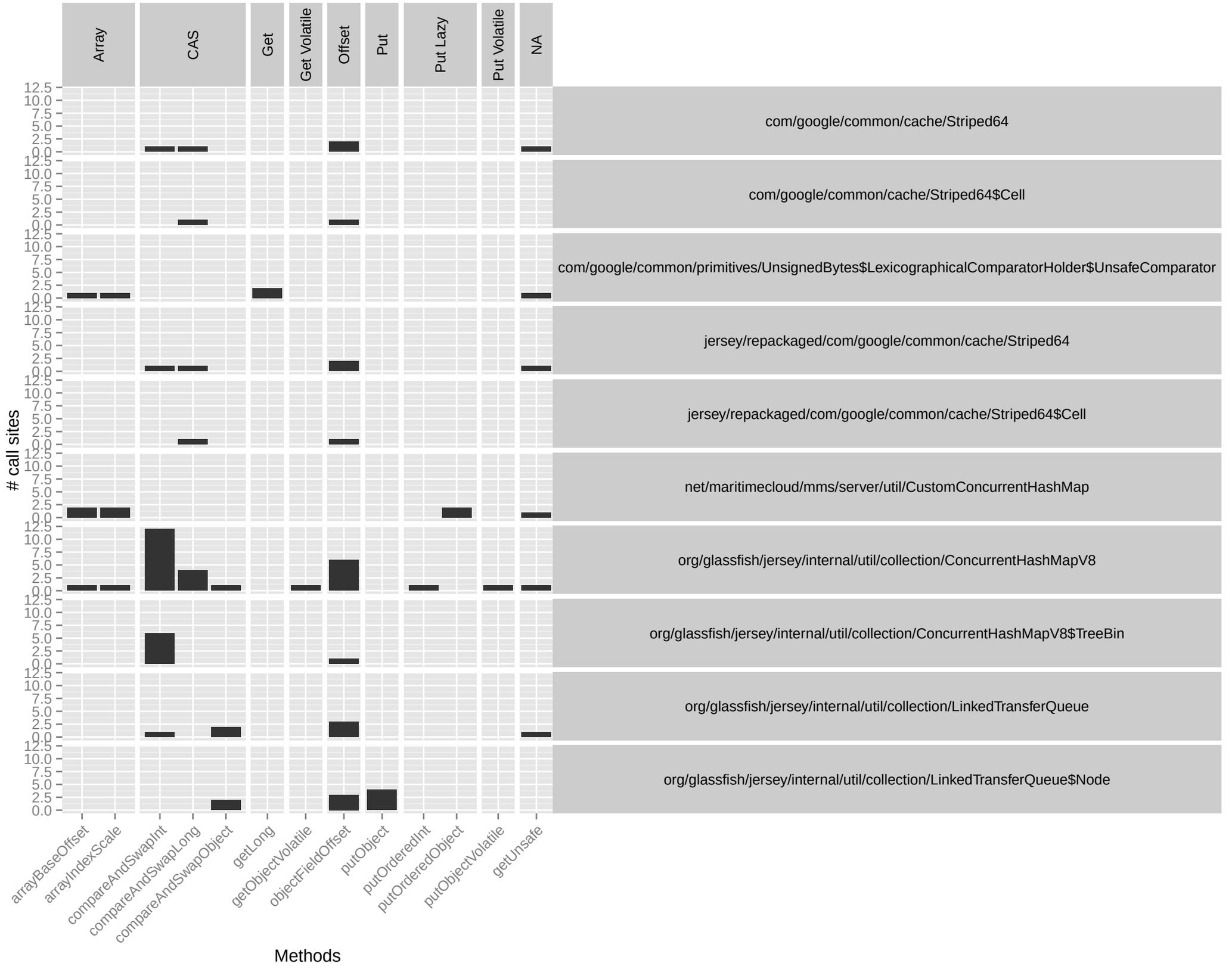

net.dongliu.cache:direct−cache (NA)
Array
CAS
Get
Off−Heap
Offset
net/dongliu/direct/utils/U
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
allocateMemory
copyMemory
freeMemory
reallocateMemory
objectFieldOffset
Methods

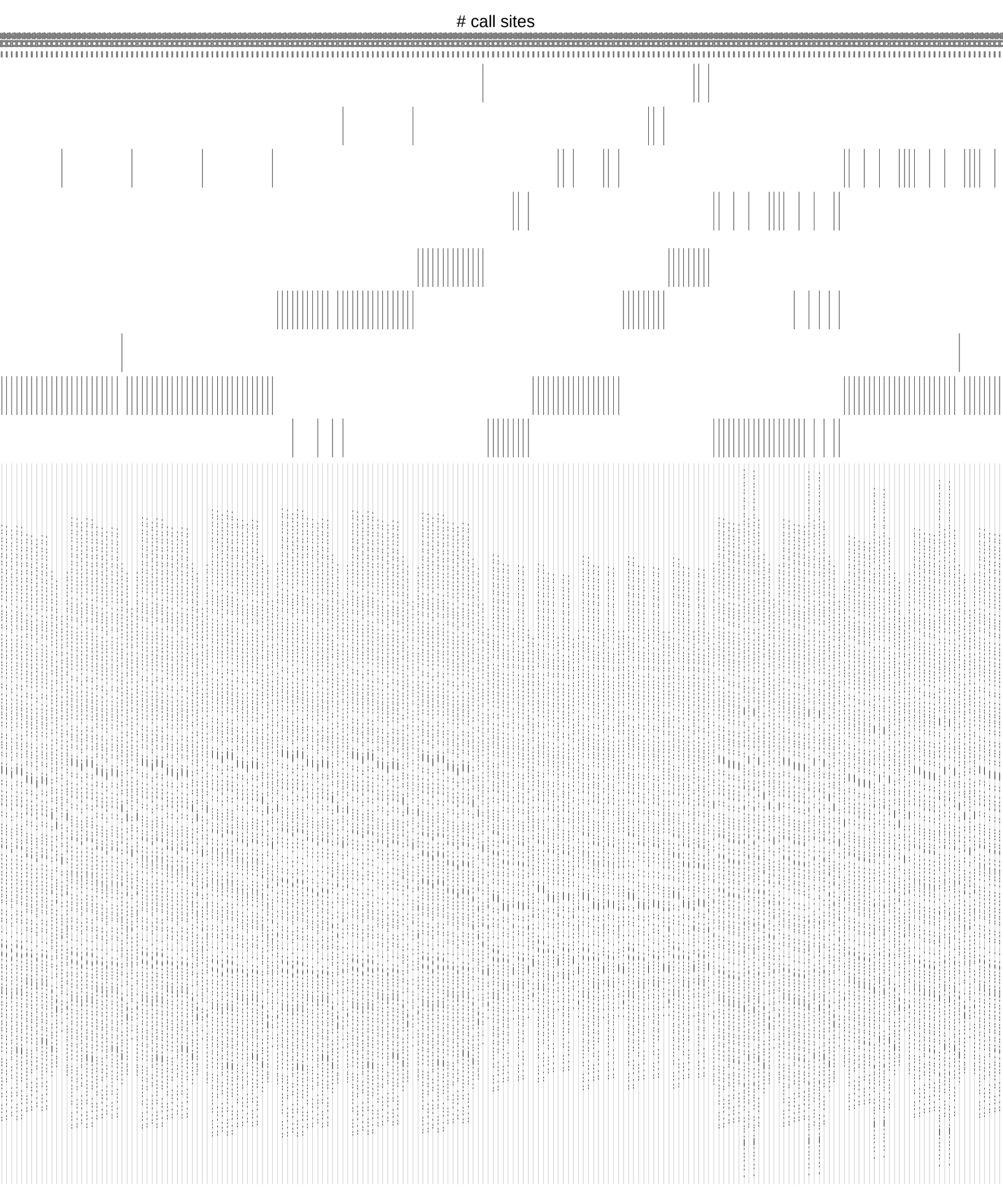

net.dongliu:direct−cache (NA)
Alloc
Array
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Throw
net/dongliu/direct/serialization/UnsafeDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$BooleanFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ByteFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$CharFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$DoubleFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$FloatFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$IntFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$LongFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ObjectFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ShortFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlDateFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlTimeFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlTimestampFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$StringFieldDeserializer
net/dongliu/direct/serialization/UnsafeSerializer$BooleanFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ByteFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$CharFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$DateFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$DoubleFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$FloatFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$IntFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$LongFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ObjectFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ShortFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$StringFieldSerializer
net/dongliu/direct/utils/UNSAFE
call sites
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
throwException
Methods

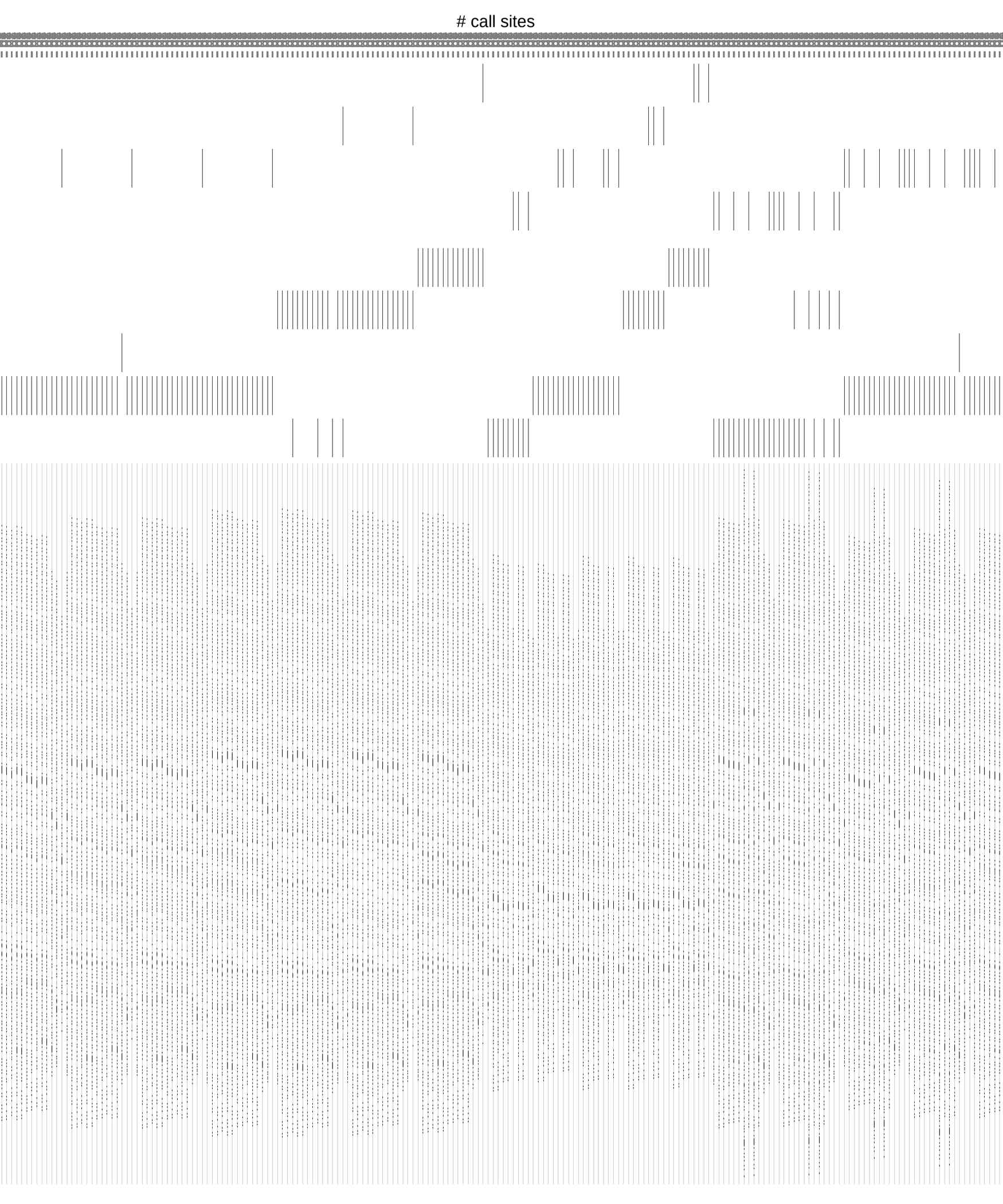

net.magik6k:bitbuffer (NA)
Get
Off−Heap
Put
net/magik6k/bitbuffer/DirectBitBuffer
net/magik6k/bitbuffer/DirectBitBuffer$Deallocator
call sites
2.0
1.5
1.0
0.5
0.0
getByte
allocateMemory
freeMemory
reallocateMemory
setMemory
putByte
Methods

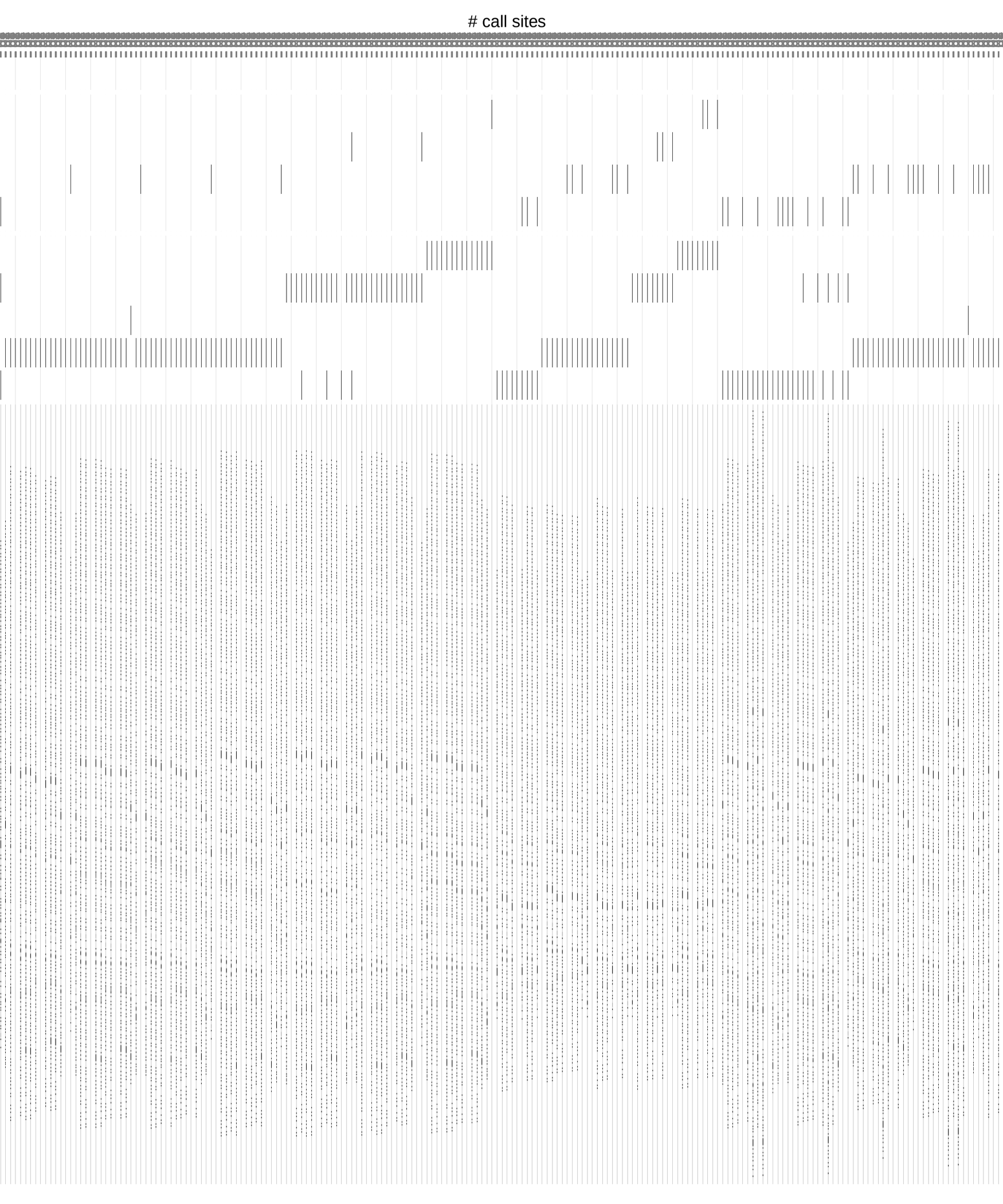

net.maritimecloud.mms:mc−mms−server (NA)
Array
Put Lazy
NA
net/maritimecloud/mms/server/util/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

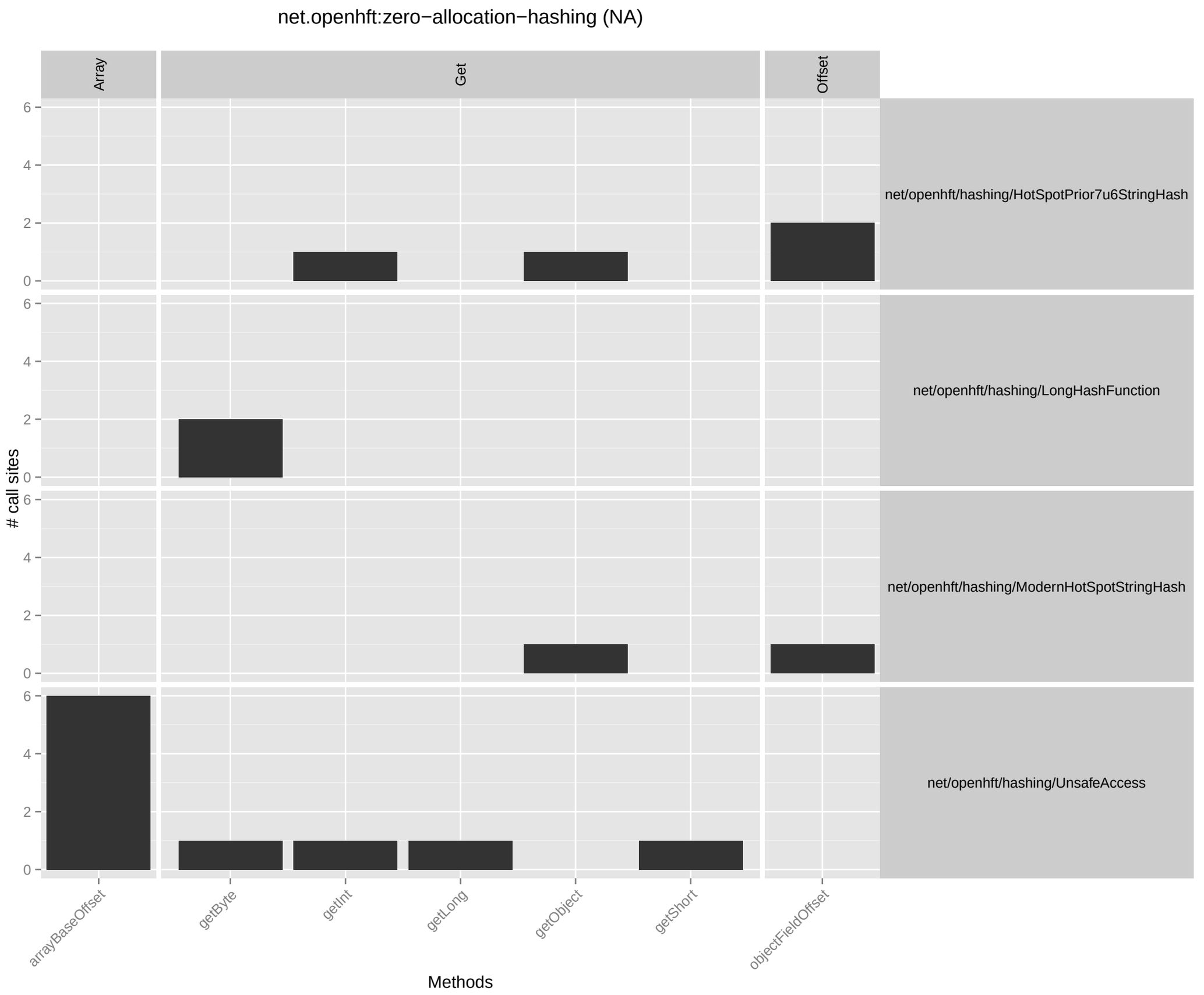
net.maritimecloud.mms:mc−mms−server−standalone (NA)

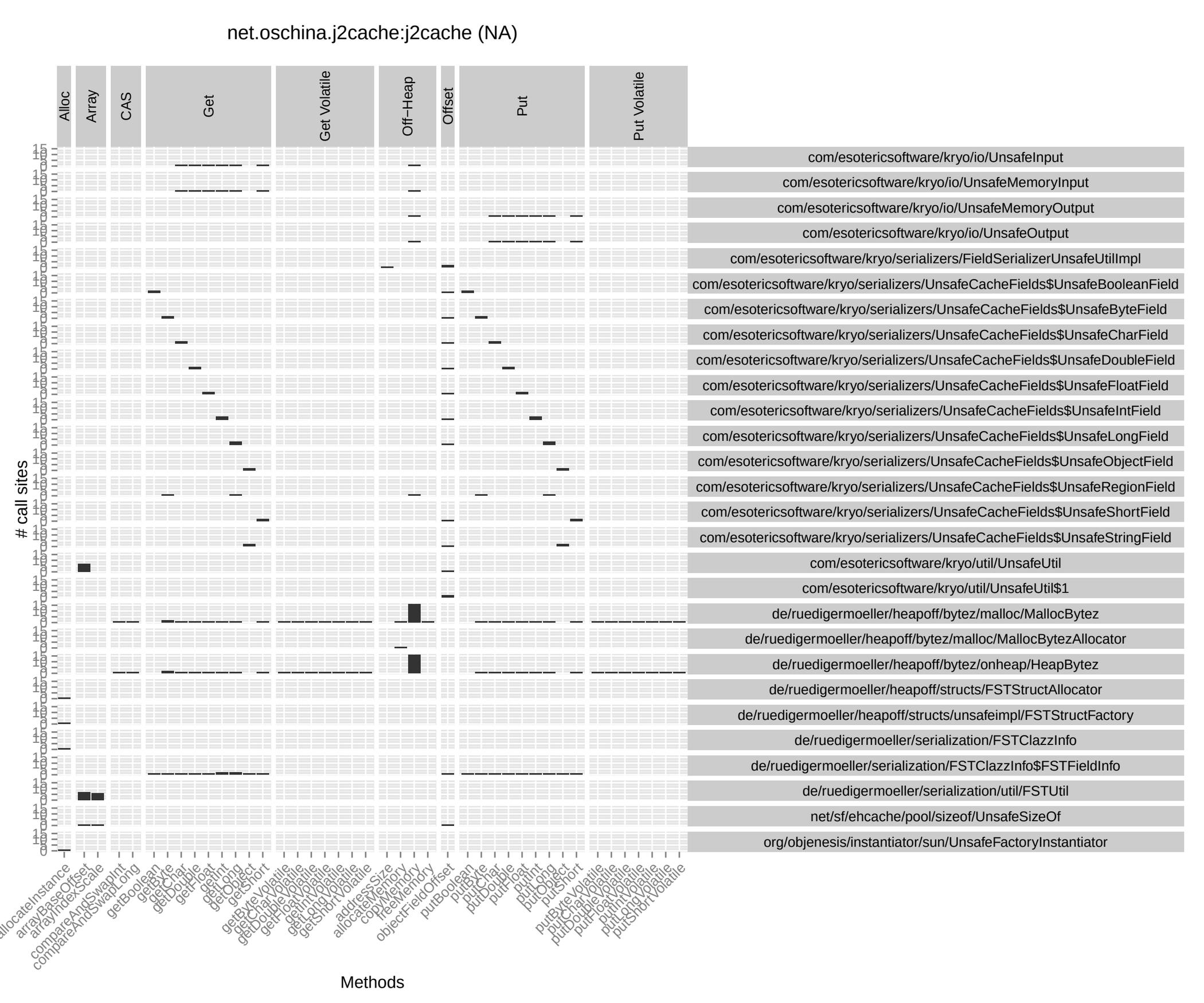


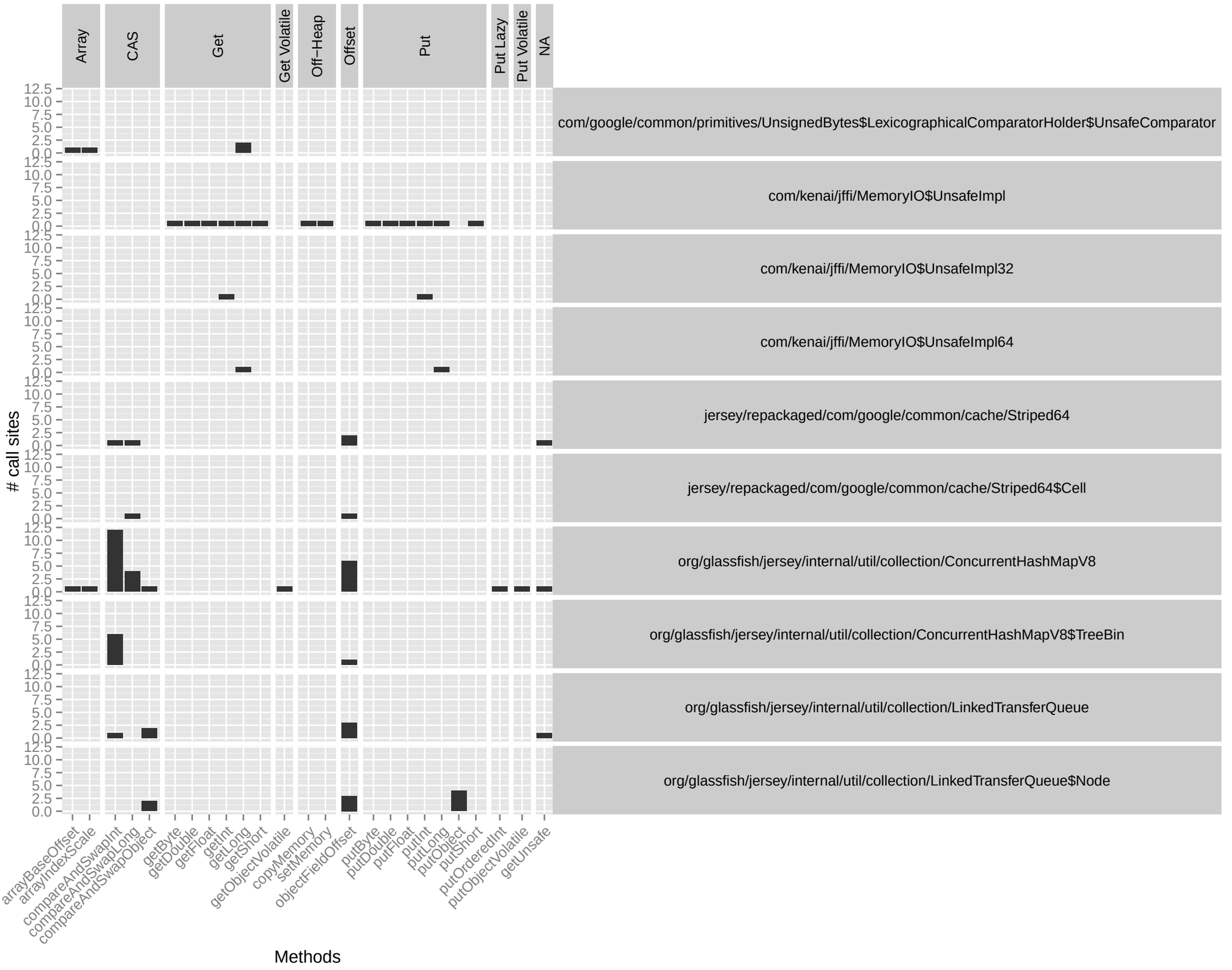

call sites

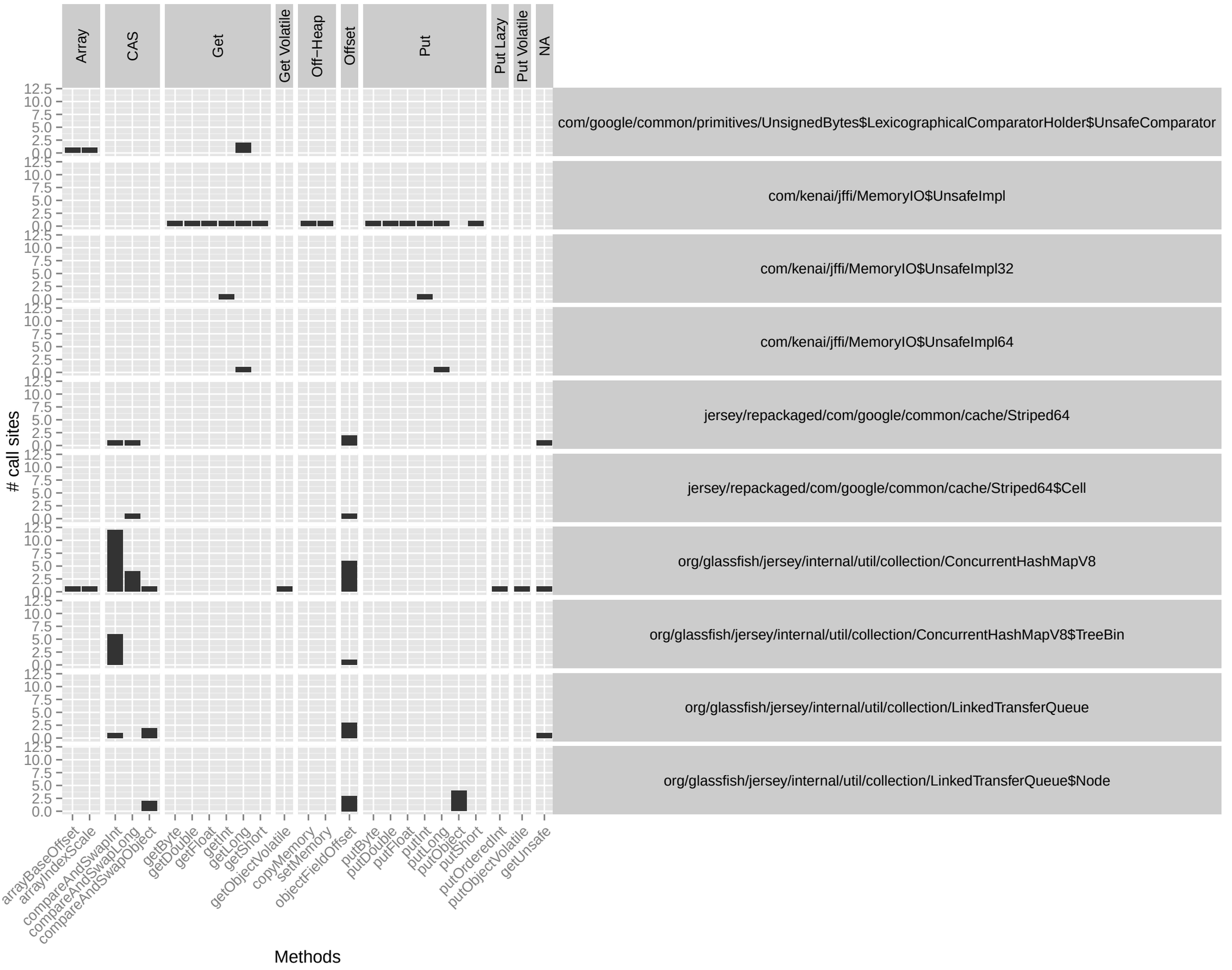

call sites

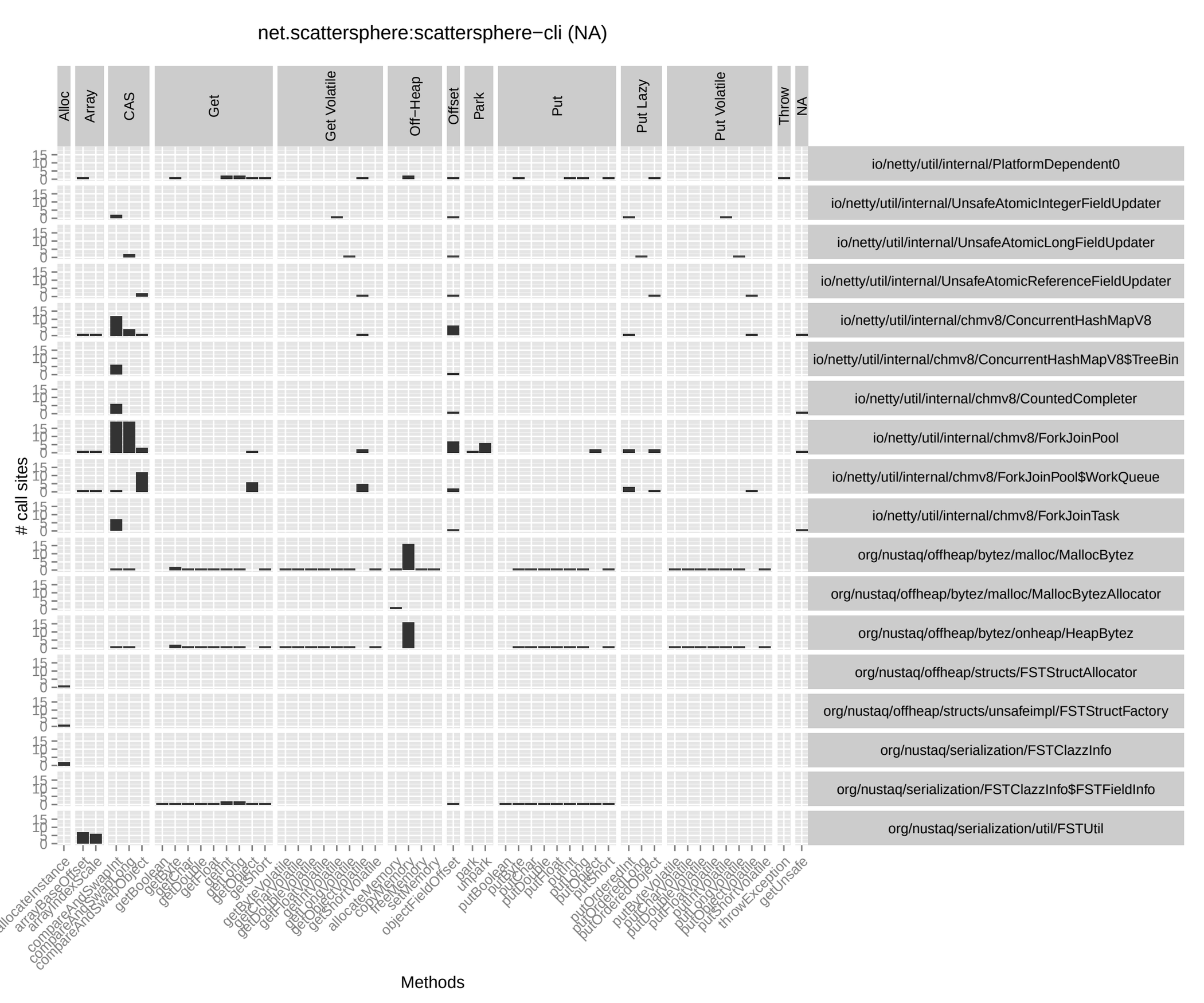

call sites

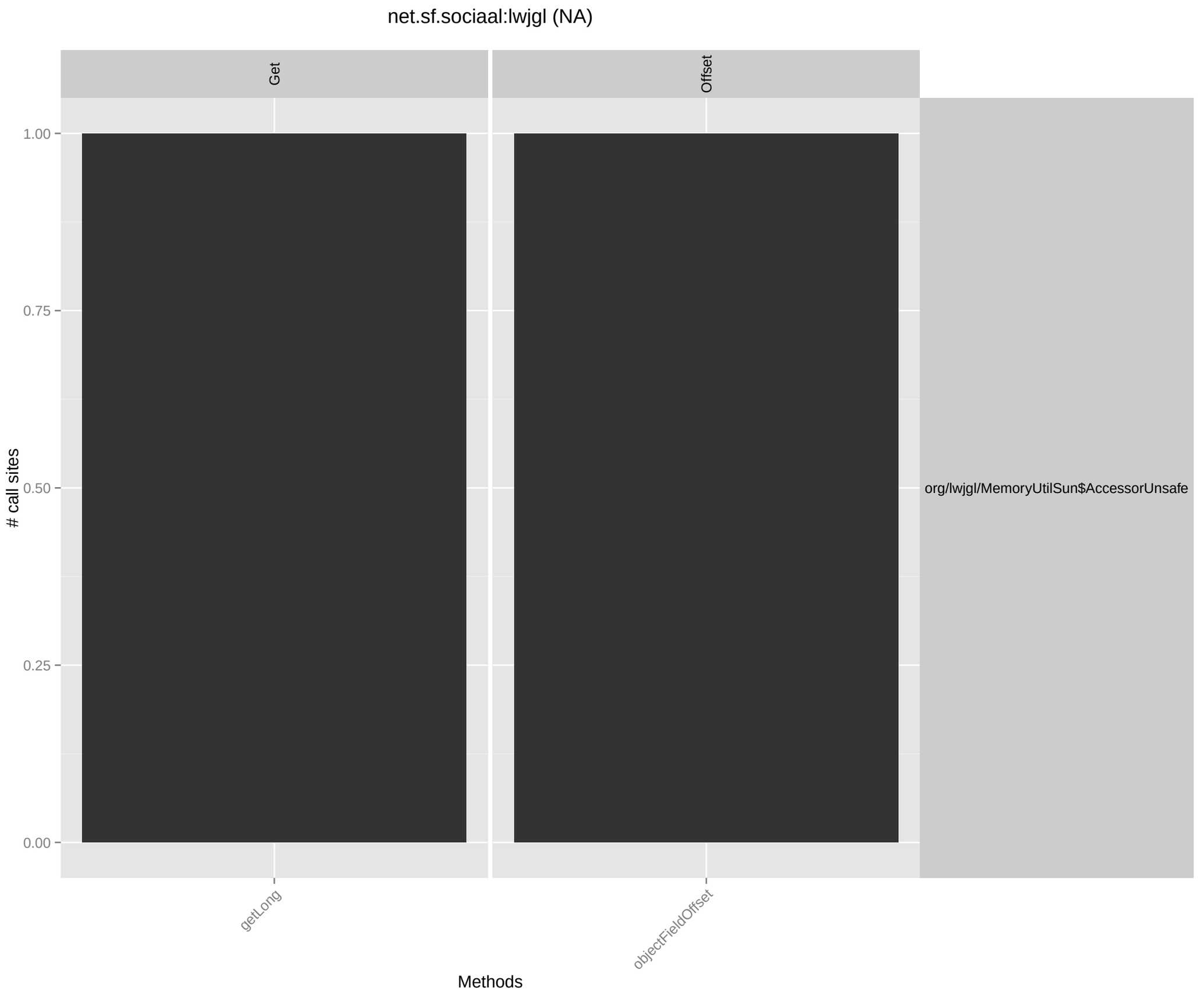

net.openhft:zero−allocation−hashing (NA)
Array
Get
Offset
net/openhft/hashing/HotSpotPrior7u6StringHash
net/openhft/hashing/LongHashFunction
net/openhft/hashing/ModernHotSpotStringHash
net/openhft/hashing/UnsafeAccess
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
getObject
getShort
objectFieldOffset
Methods

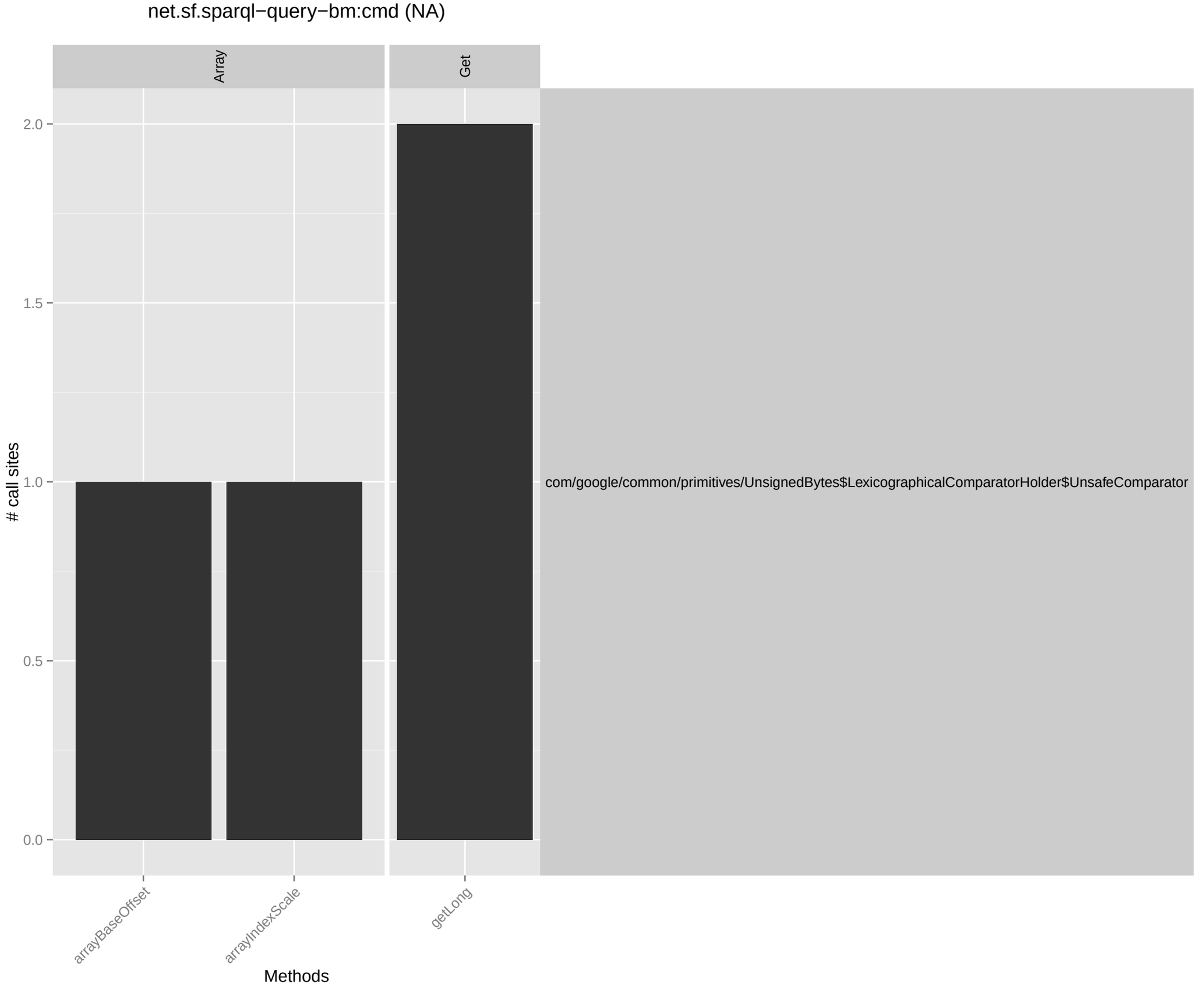

net.oschina.j2cache:j2cache (NA)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
de/ruedigermoeller/heapoff/bytez/malloc/MallocBytez
de/ruedigermoeller/heapoff/bytez/malloc/MallocBytezAllocator
de/ruedigermoeller/heapoff/bytez/onheap/HeapBytez
de/ruedigermoeller/heapoff/structs/FSTStructAllocator
de/ruedigermoeller/heapoff/structs/unsafeimpl/FSTStructFactory
de/ruedigermoeller/serialization/FSTClazzInfo
de/ruedigermoeller/serialization/FSTClazzInfo$FSTFieldInfo
de/ruedigermoeller/serialization/util/FSTUtil
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getShortVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putShortVolatile
Methods

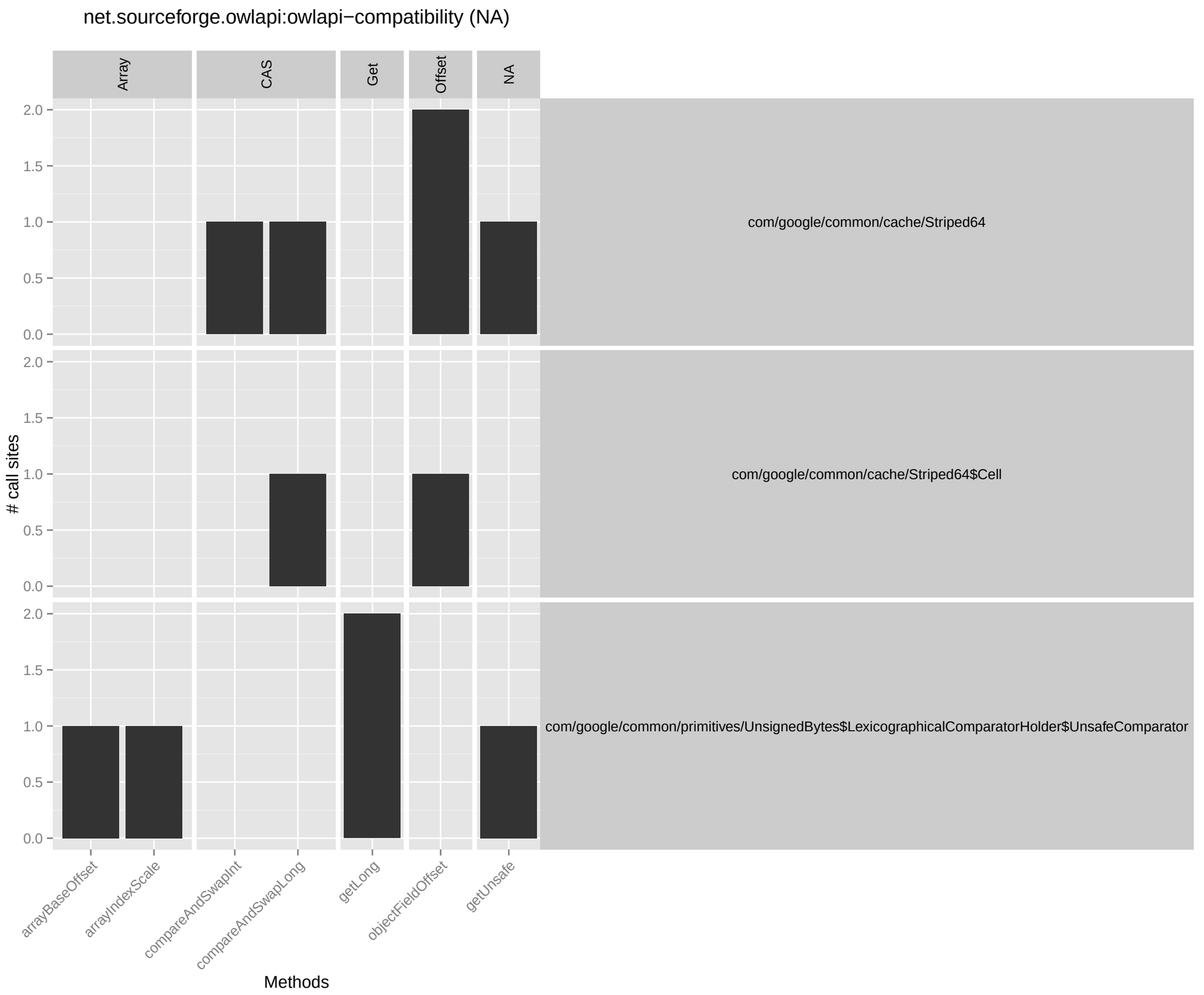

net.roboconf:roboconf−iaas−docker (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

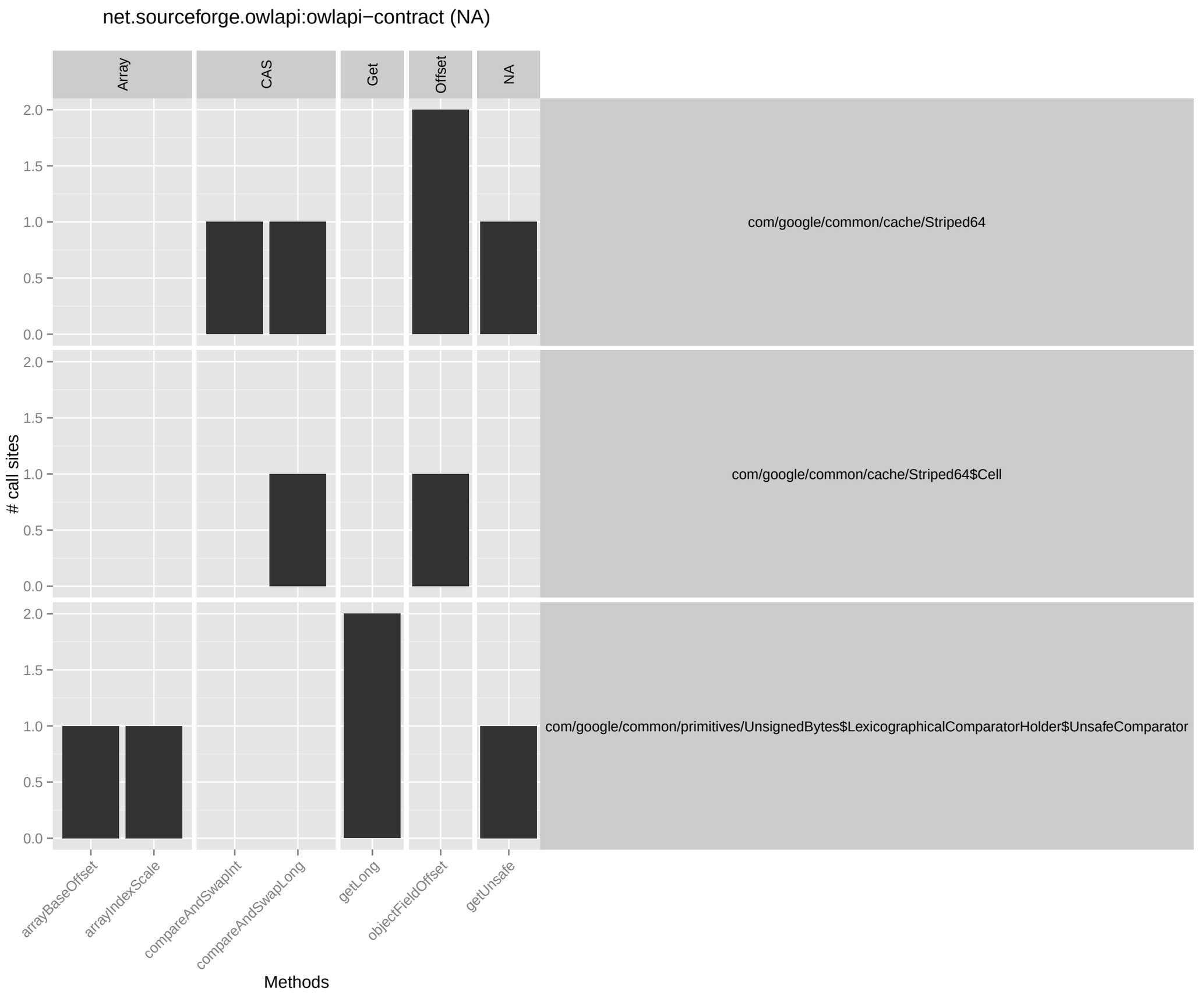

net.roboconf:roboconf−target−docker (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

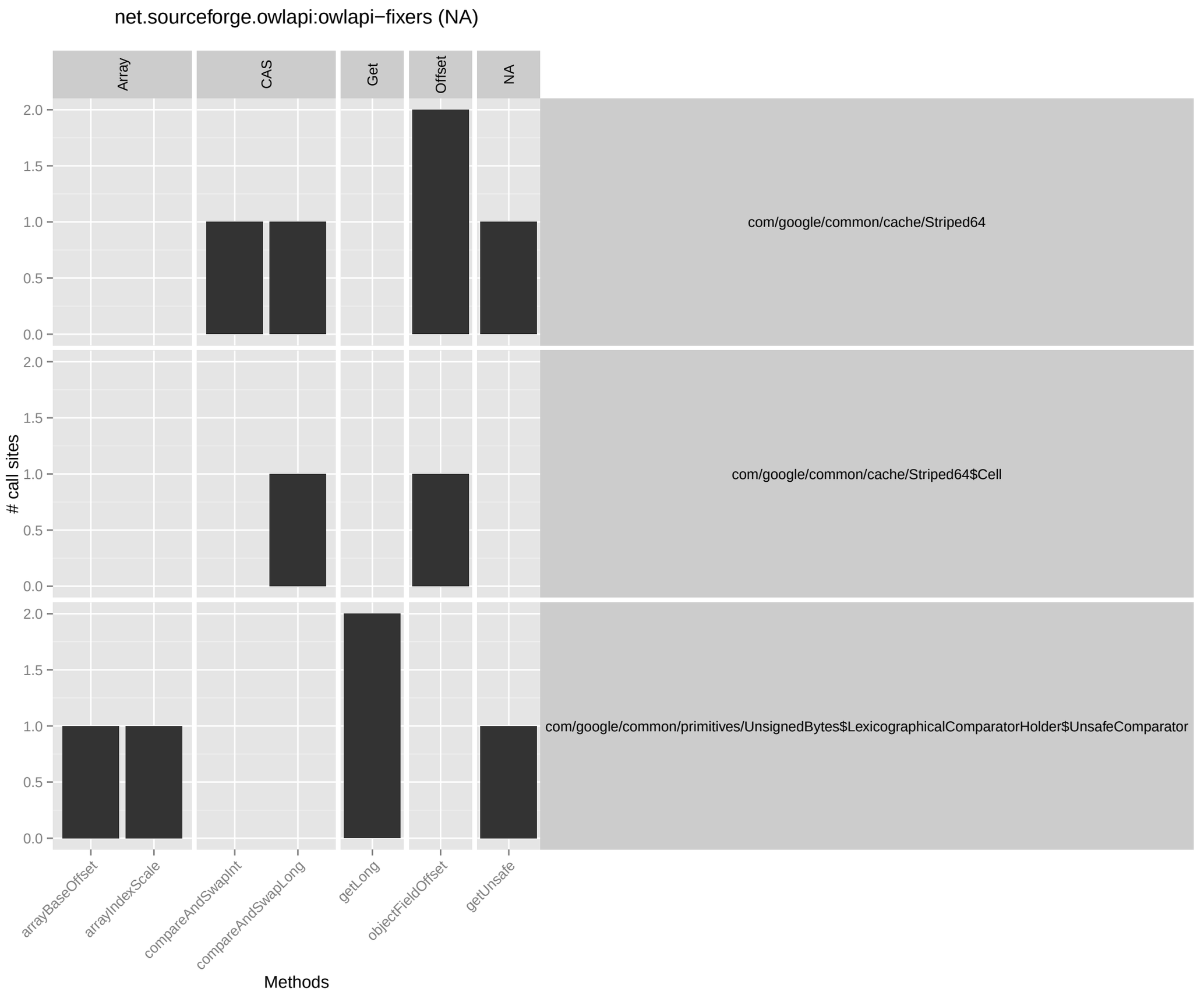

net.scattersphere:scattersphere−cli (NA)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/util/FSTUtil
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
throwException
getUnsafe
Methods

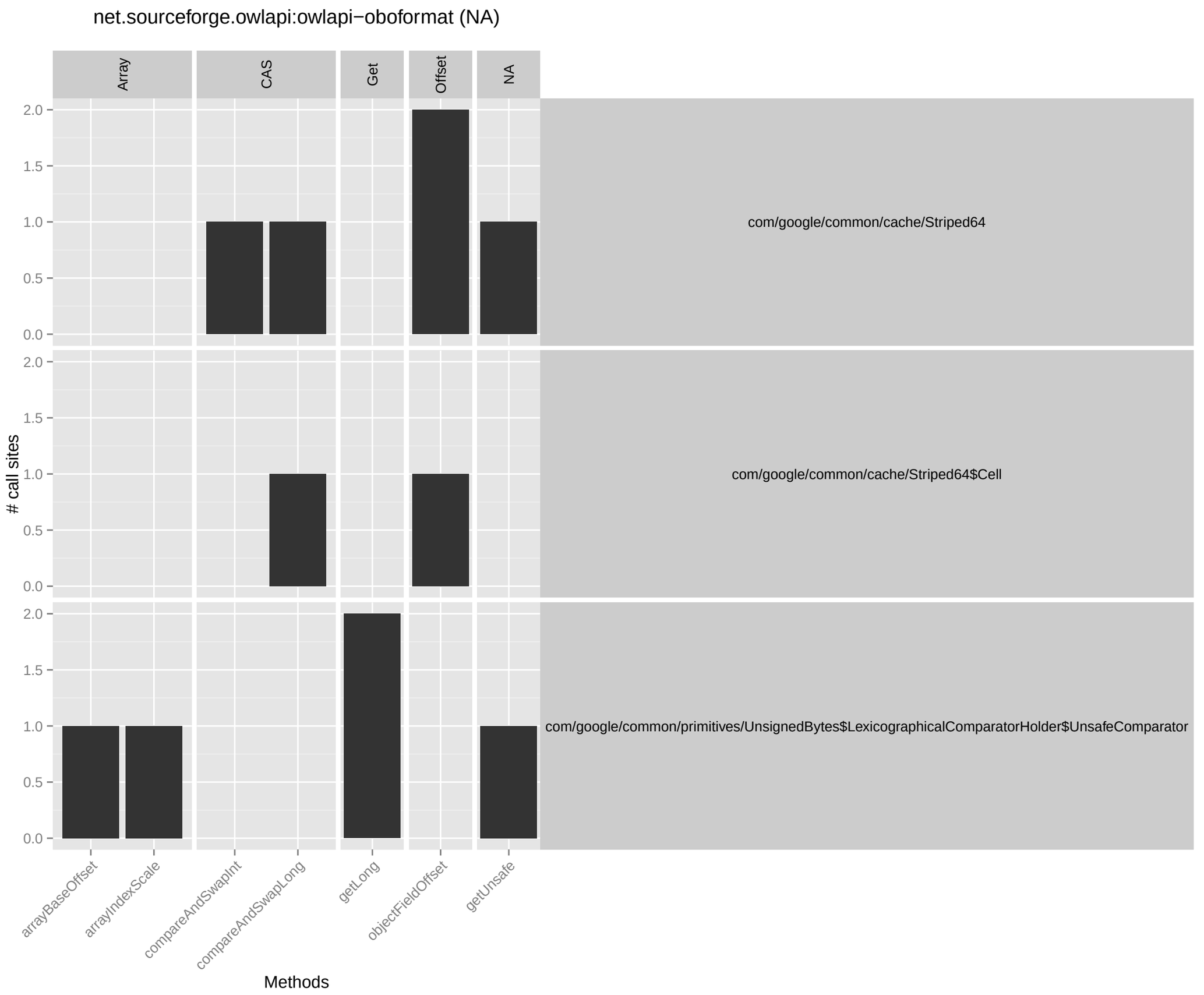

net.sf.sociaal:lwjgl (NA)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

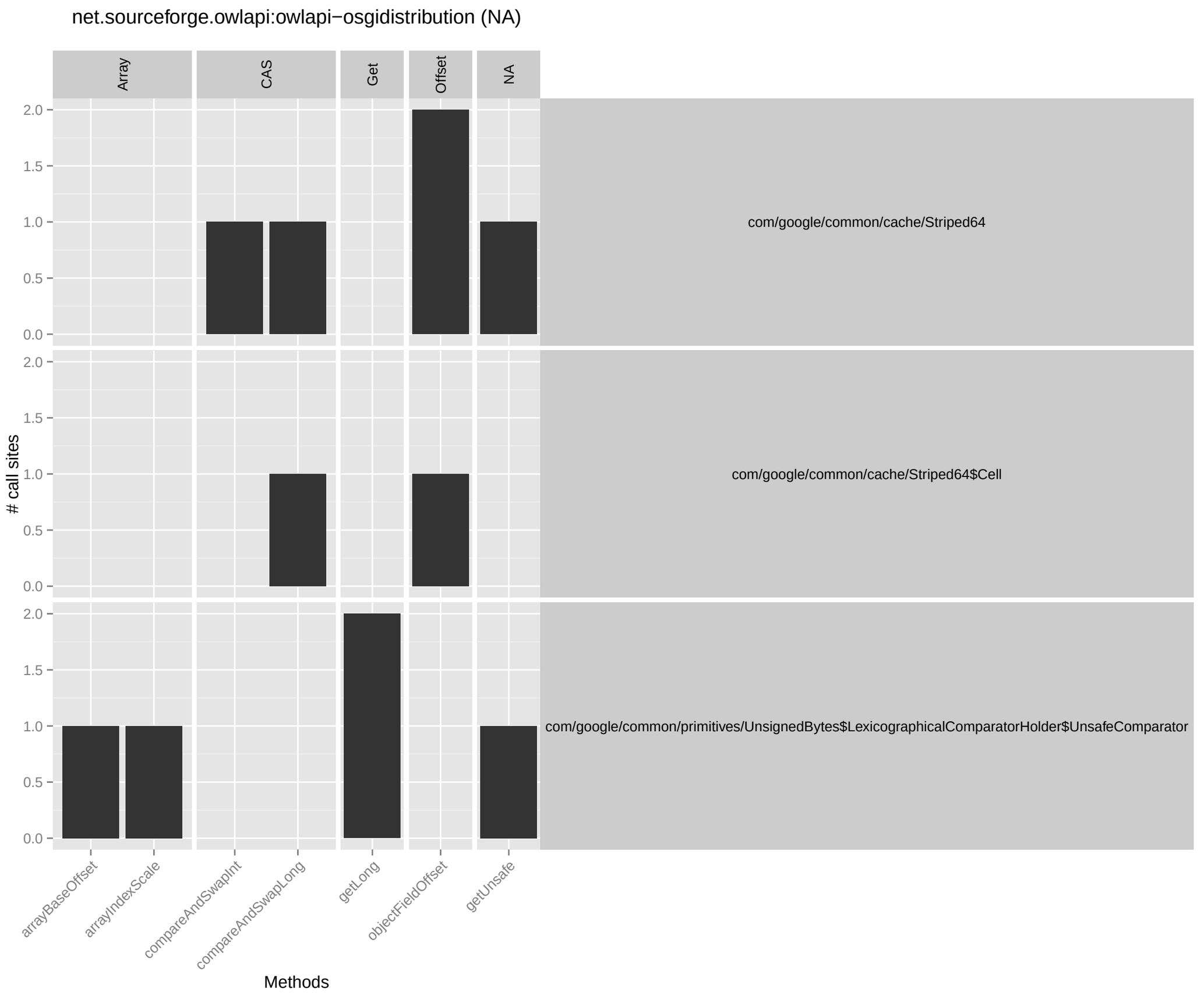

net.sf.sparql−query−bm:cmd (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

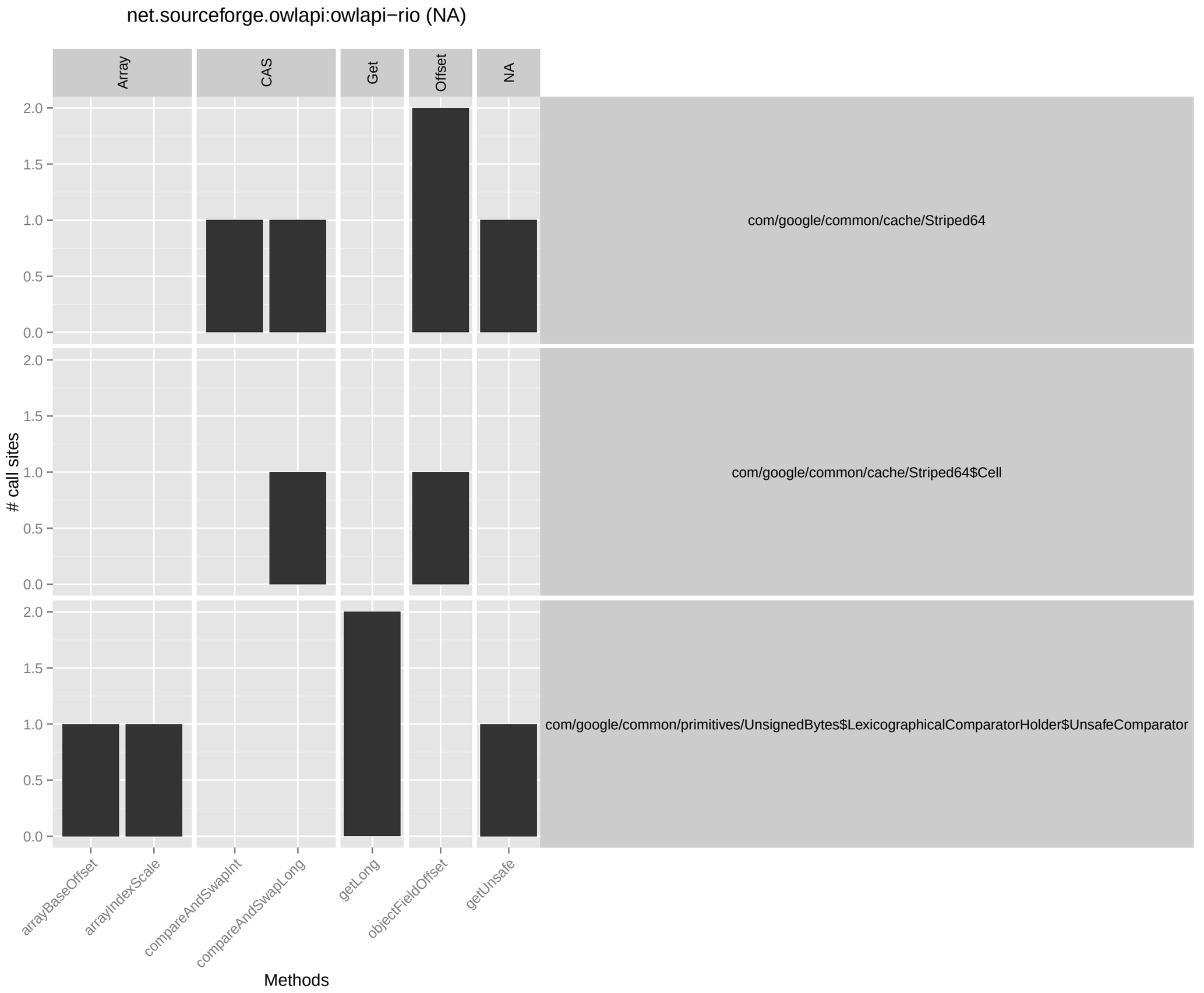

net.sourceforge.owlapi:owlapi−compatibility (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

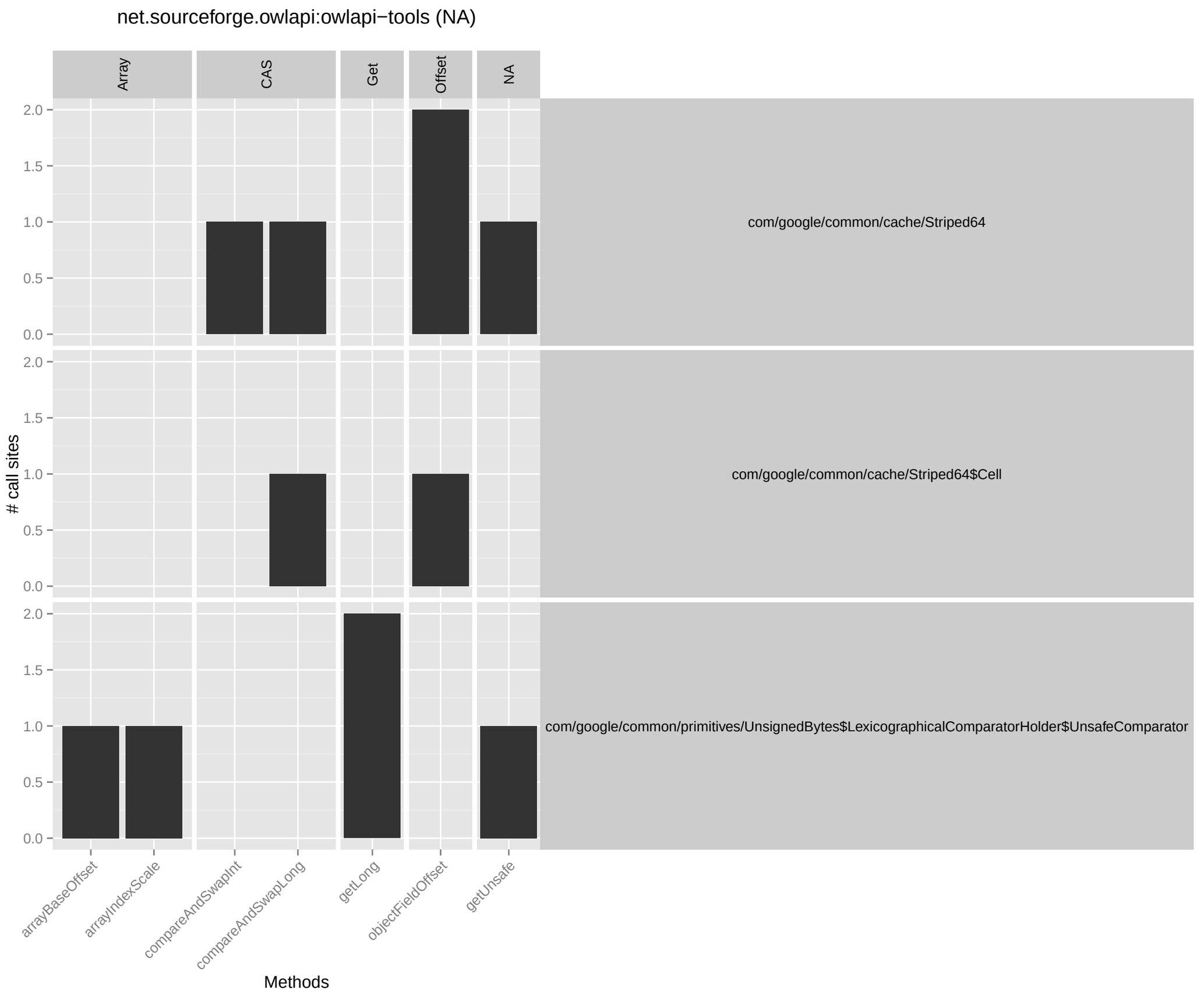

net.sourceforge.owlapi:owlapi−contract (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

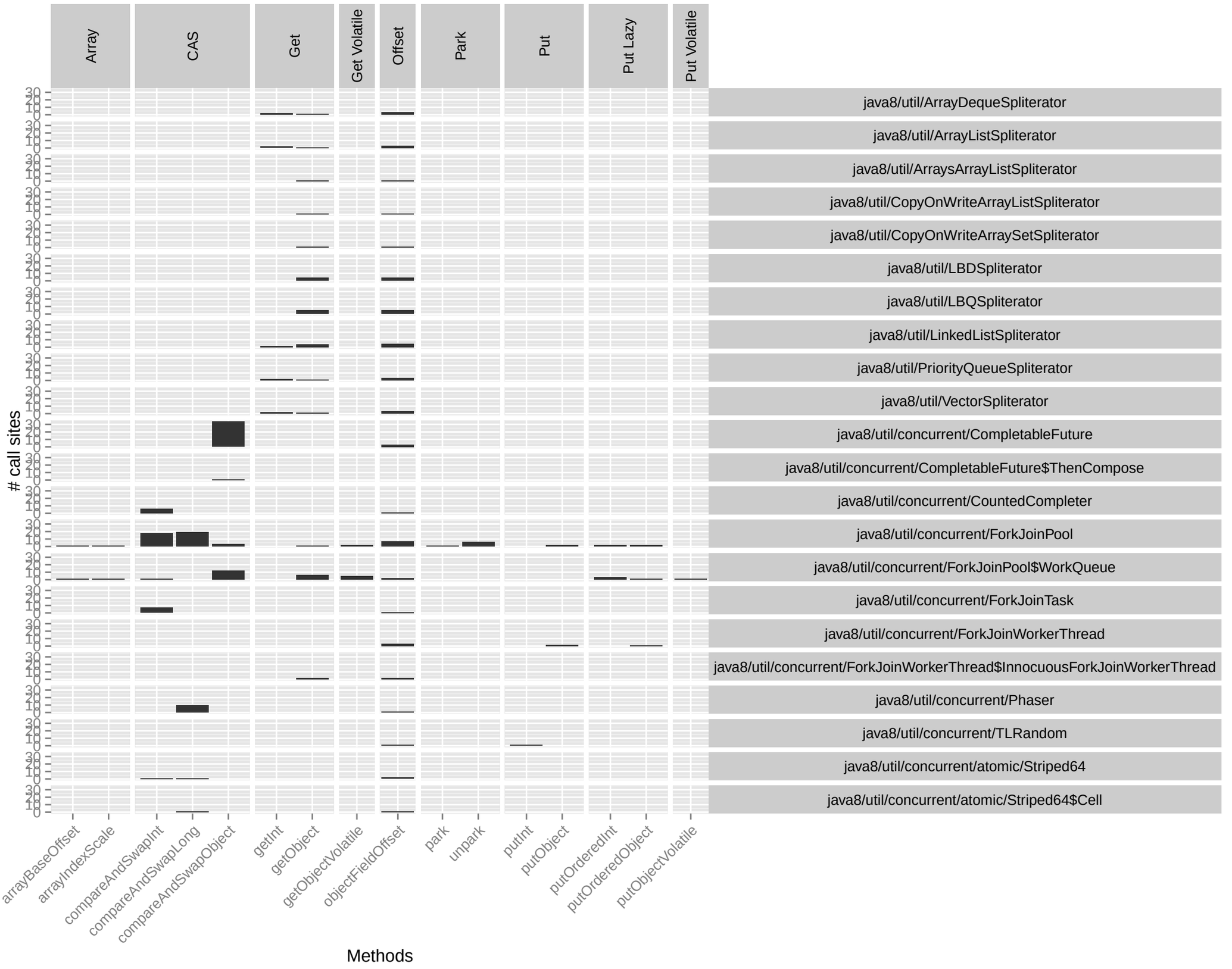

net.sourceforge.owlapi:owlapi−fixers (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

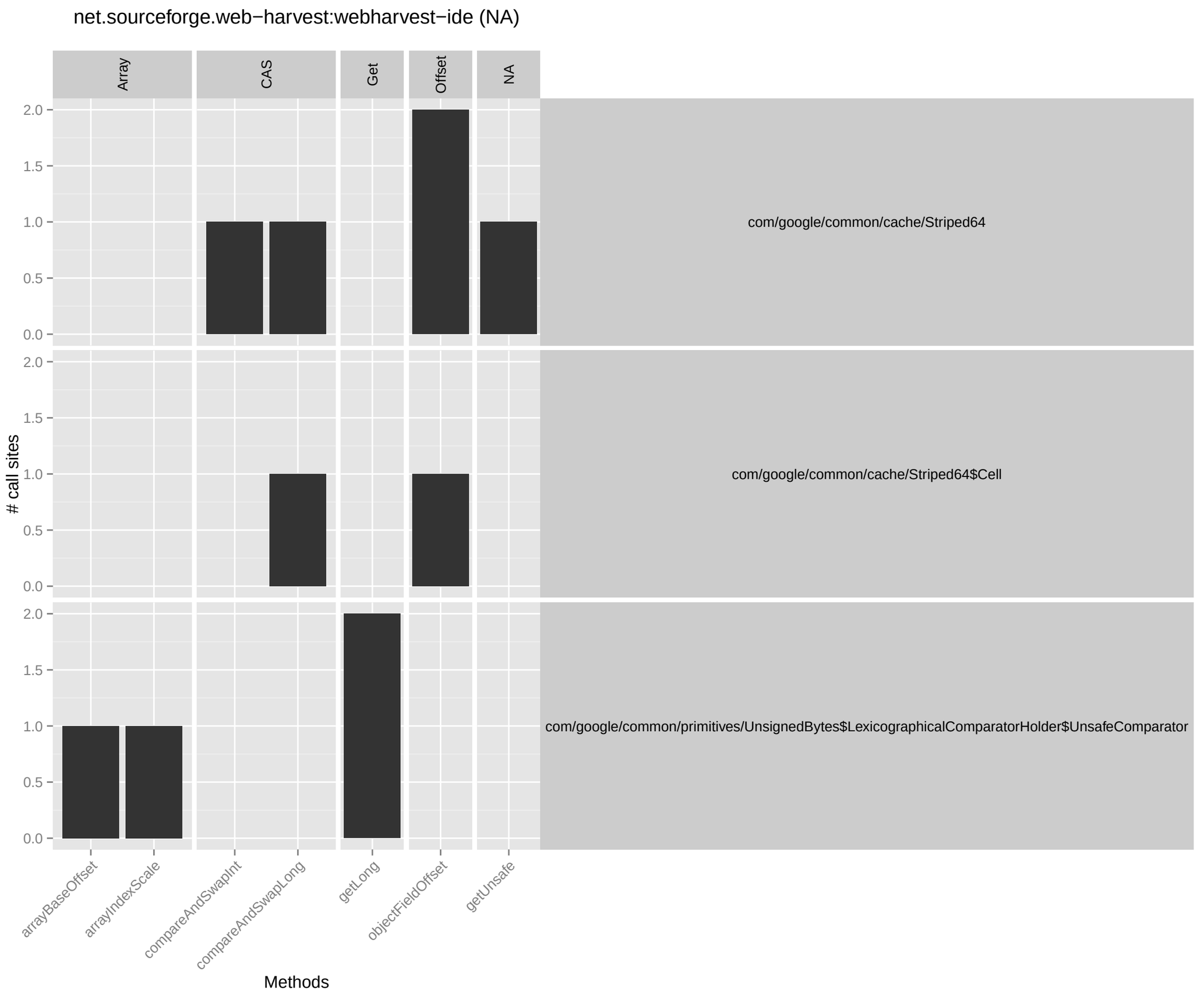

net.sourceforge.owlapi:owlapi−oboformat (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

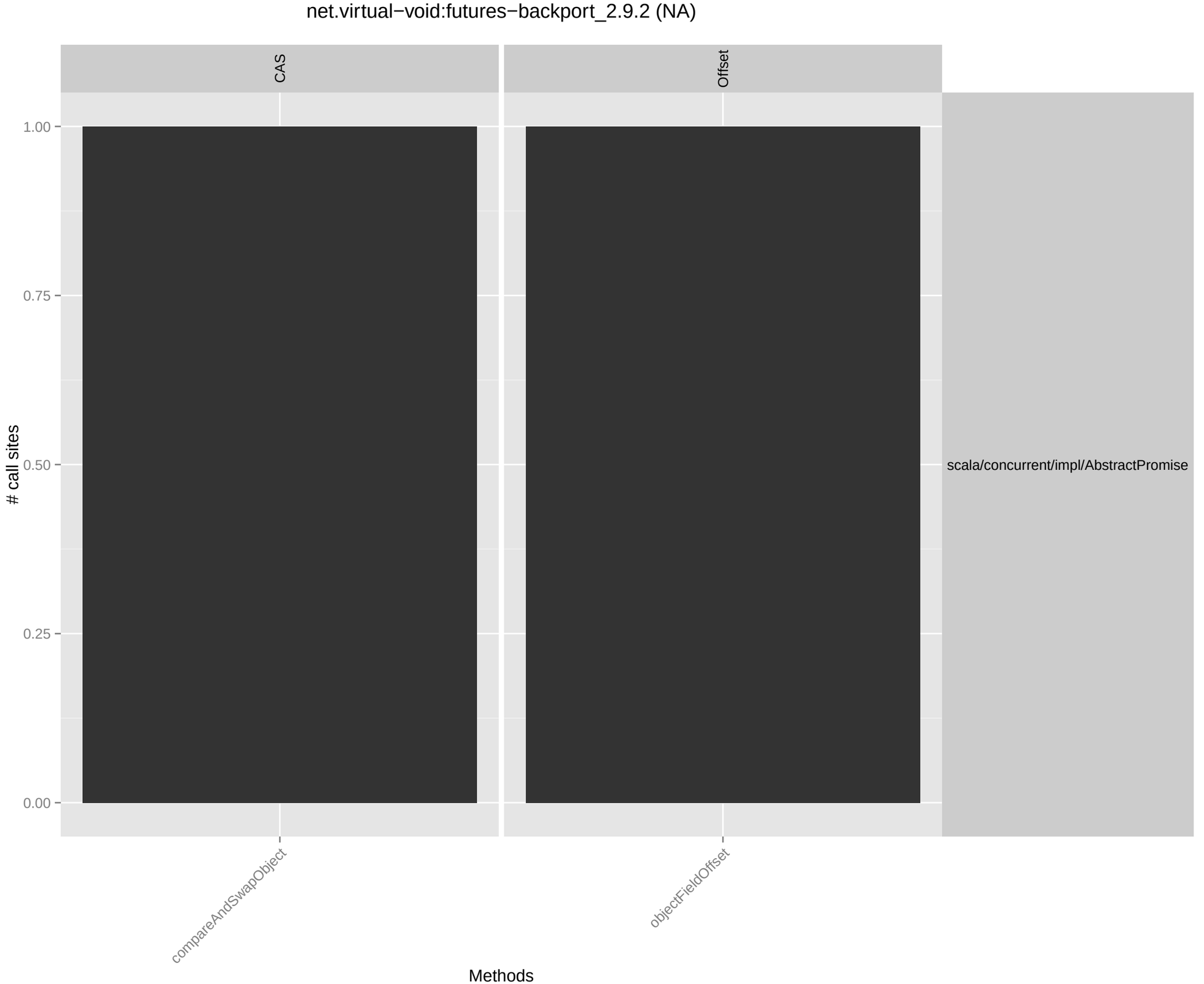

net.sourceforge.owlapi:owlapi−osgidistribution (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

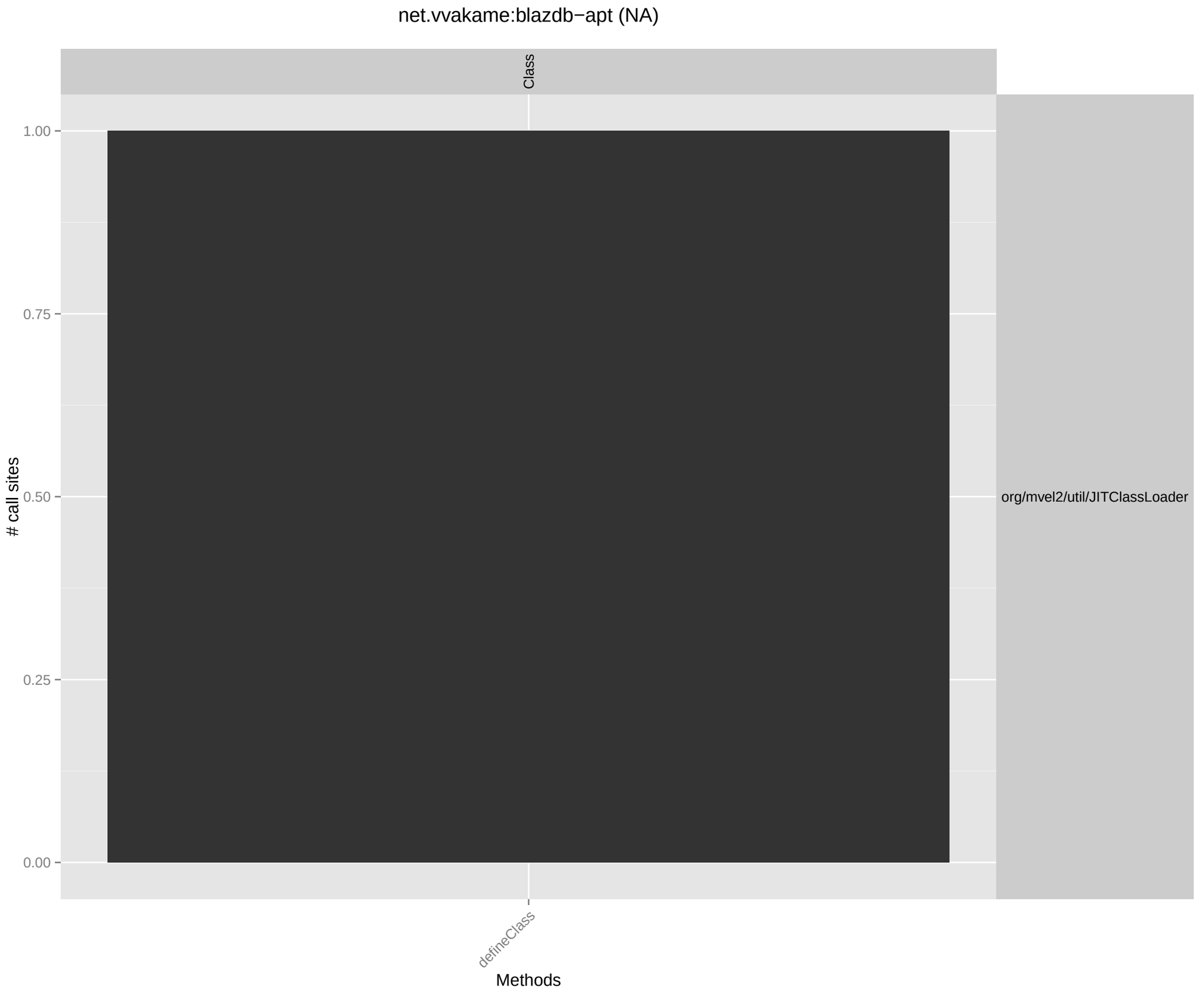

net.sourceforge.owlapi:owlapi−rio (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

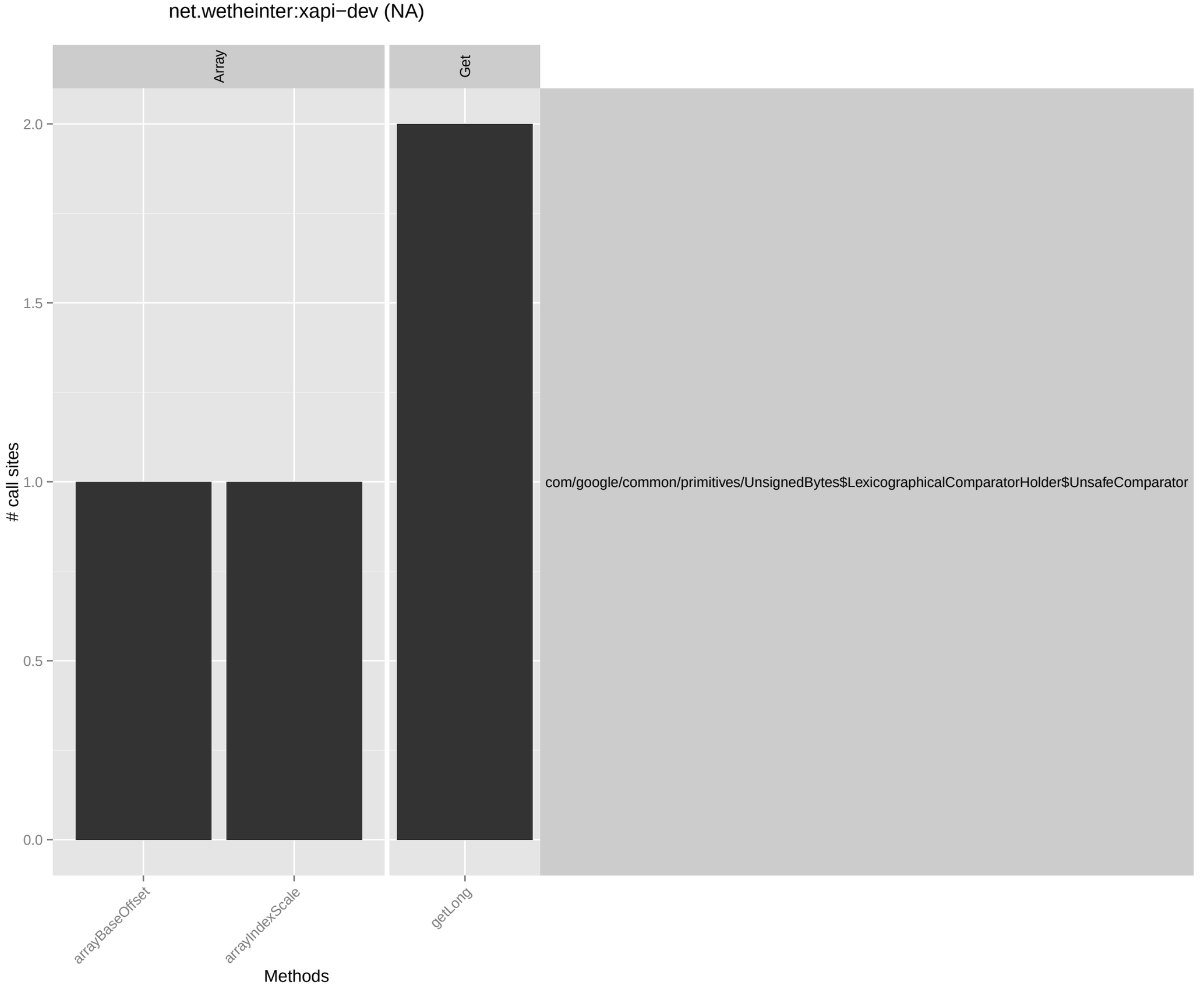

net.sourceforge.owlapi:owlapi−tools (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

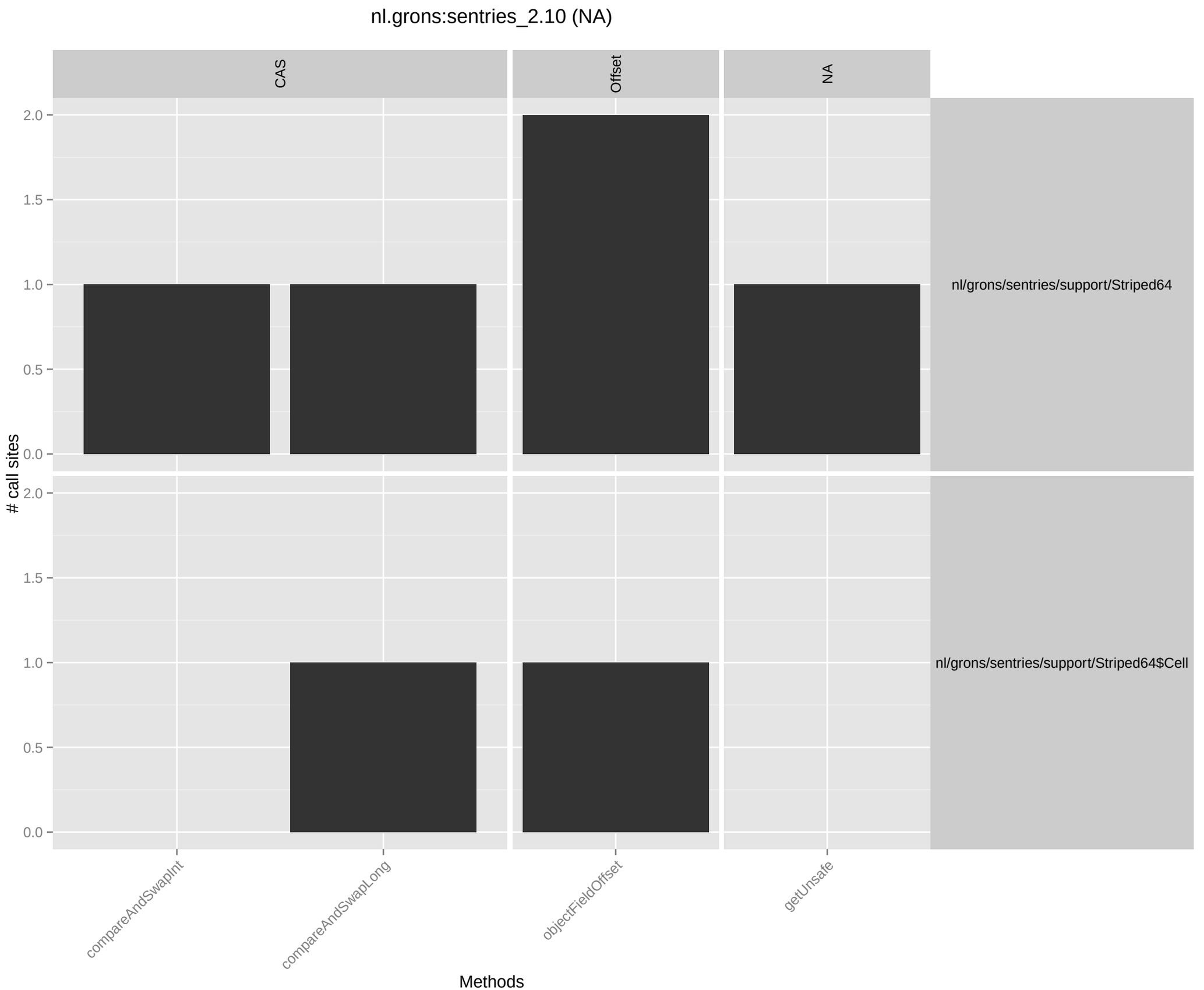

net.sourceforge.streamsupport:streamsupport (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
java8/util/ArrayDequeSpliterator
java8/util/ArrayListSpliterator
java8/util/ArraysArrayListSpliterator
java8/util/CopyOnWriteArrayListSpliterator
java8/util/CopyOnWriteArraySetSpliterator
java8/util/LBDSpliterator
java8/util/LBQSpliterator
java8/util/LinkedListSpliterator
java8/util/PriorityQueueSpliterator
java8/util/VectorSpliterator
java8/util/concurrent/CompletableFuture
java8/util/concurrent/CompletableFuture$ThenCompose
java8/util/concurrent/CountedCompleter
java8/util/concurrent/ForkJoinPool
java8/util/concurrent/ForkJoinPool$WorkQueue
java8/util/concurrent/ForkJoinTask
java8/util/concurrent/ForkJoinWorkerThread
java8/util/concurrent/ForkJoinWorkerThread$InnocuousForkJoinWorkerThread
java8/util/concurrent/Phaser
java8/util/concurrent/TLRandom
java8/util/concurrent/atomic/Striped64
java8/util/concurrent/atomic/Striped64$Cell
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getInt
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putInt
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
Methods

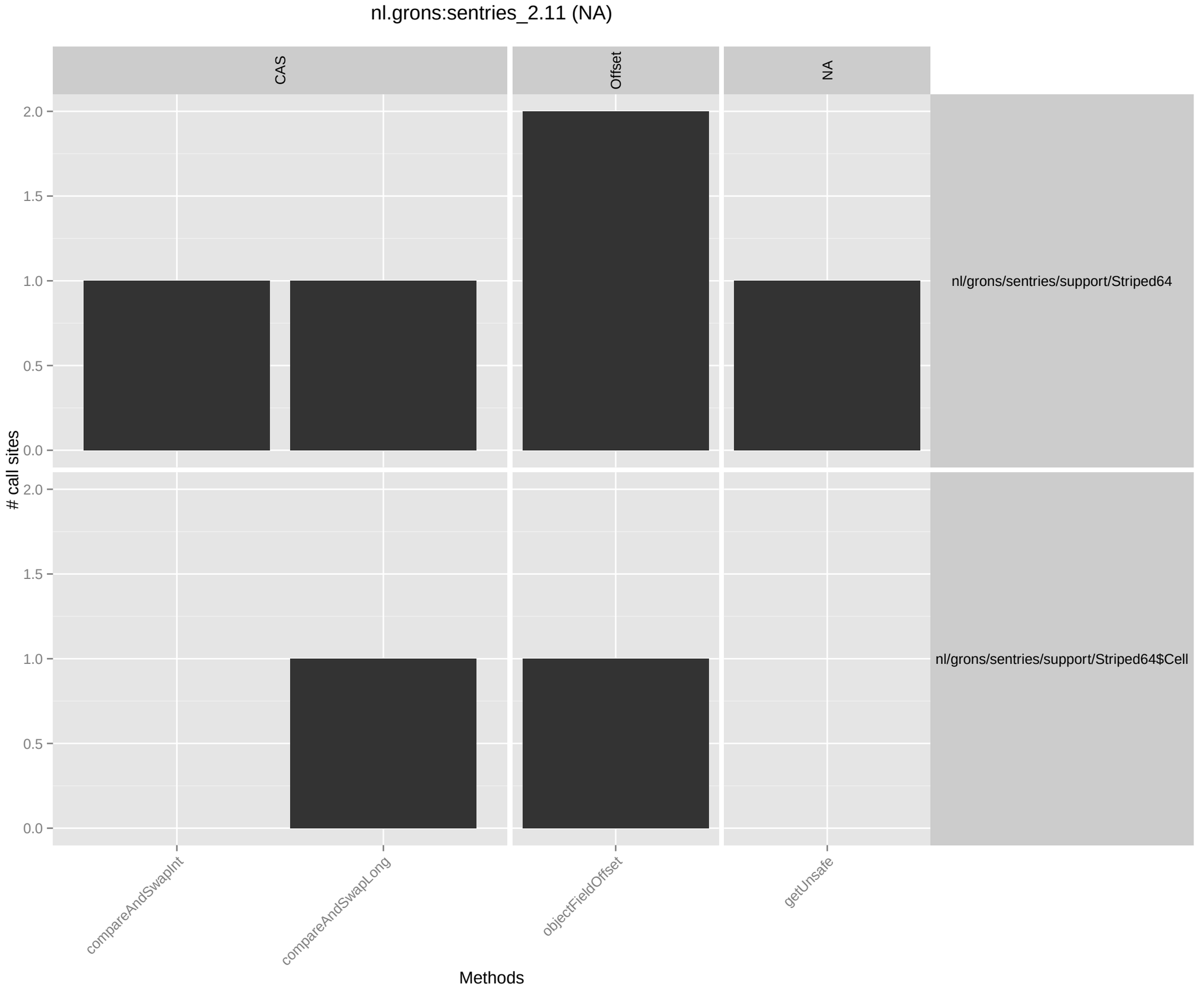

net.sourceforge.web−harvest:webharvest−ide (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

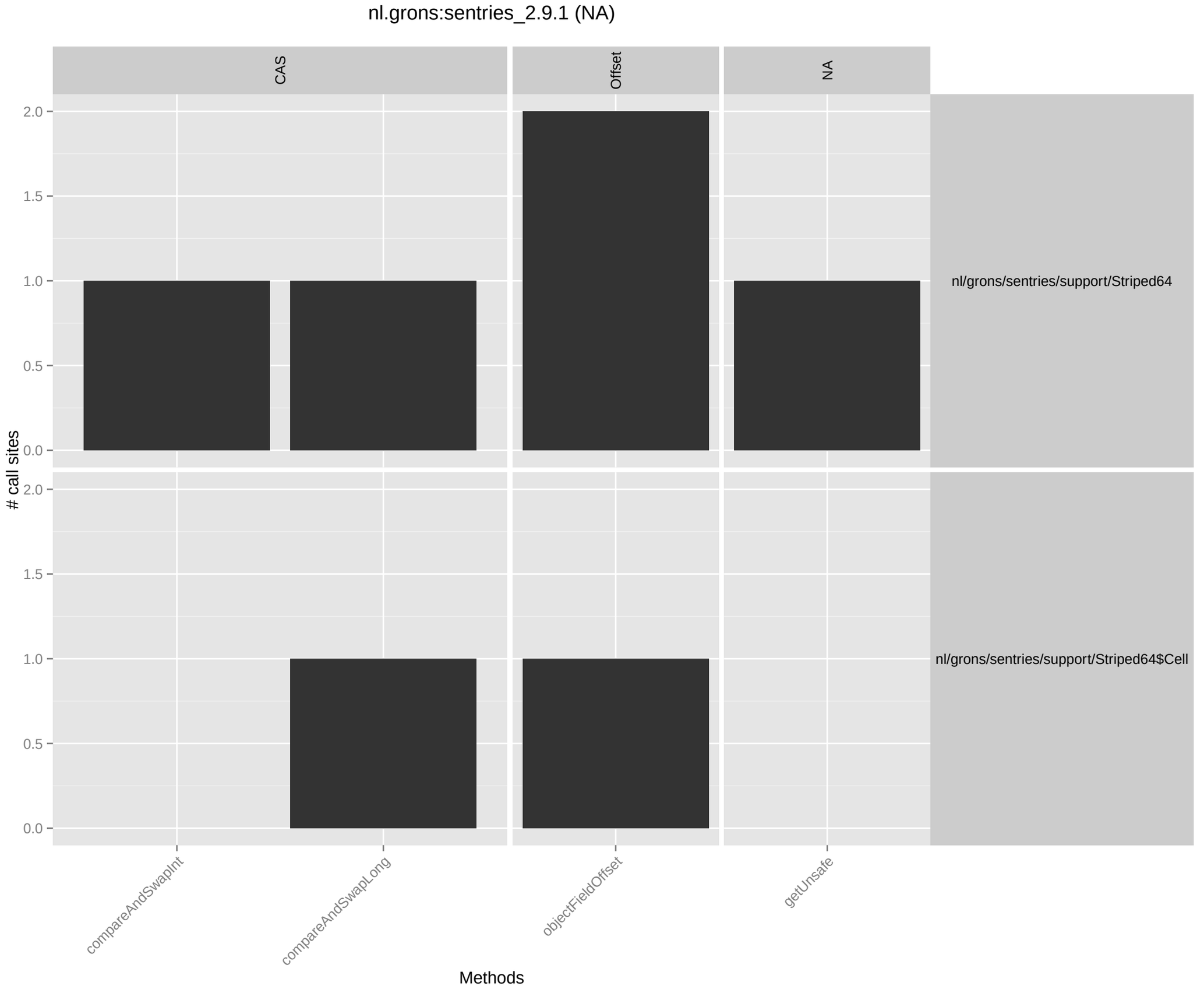

net.virtual−void:futures−backport_2.9.2 (NA)
CAS
Offset
scala/concurrent/impl/AbstractPromise
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

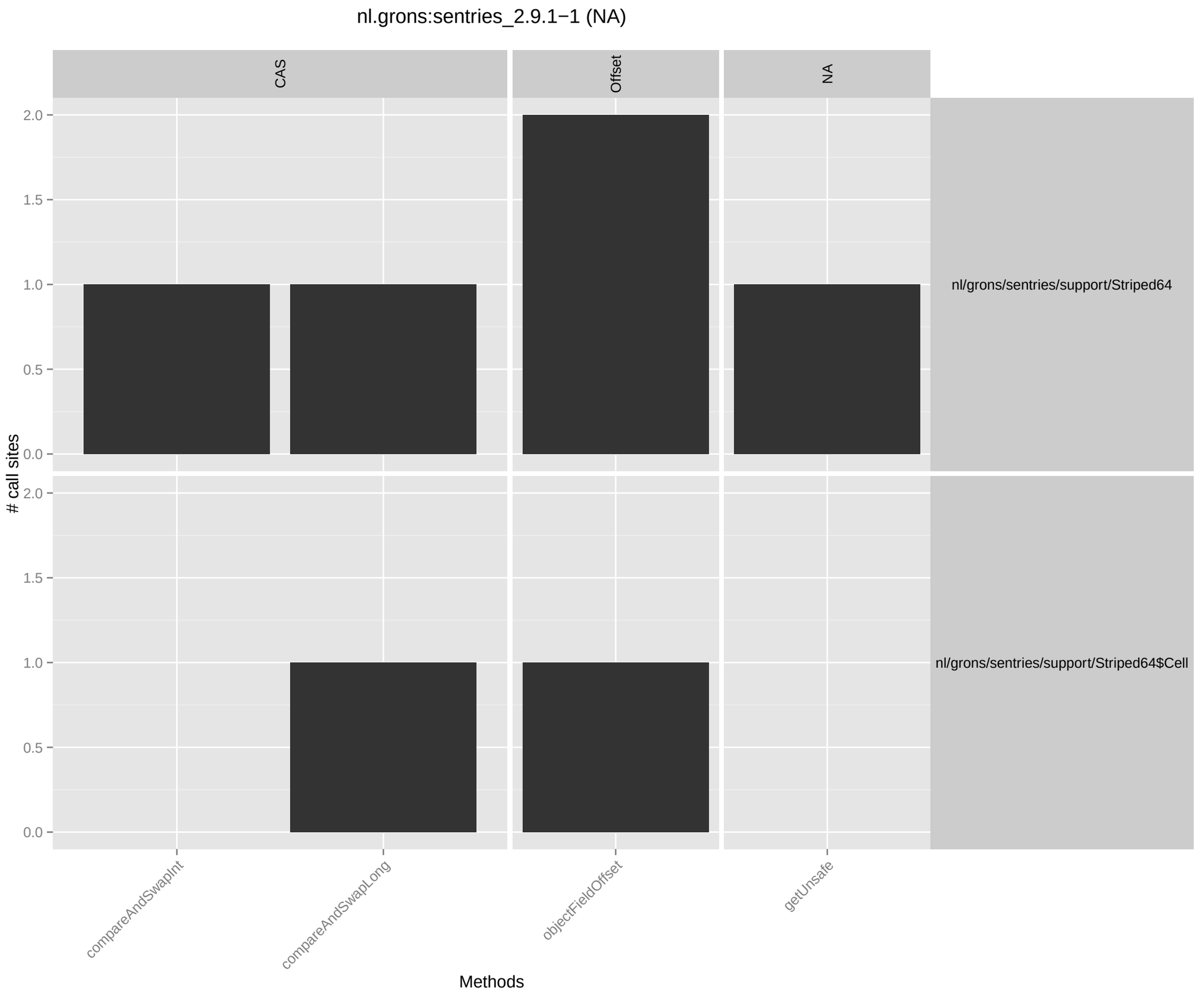

net.vvakame:blazdb−apt (NA)
Class
org/mvel2/util/JITClassLoader
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
Methods

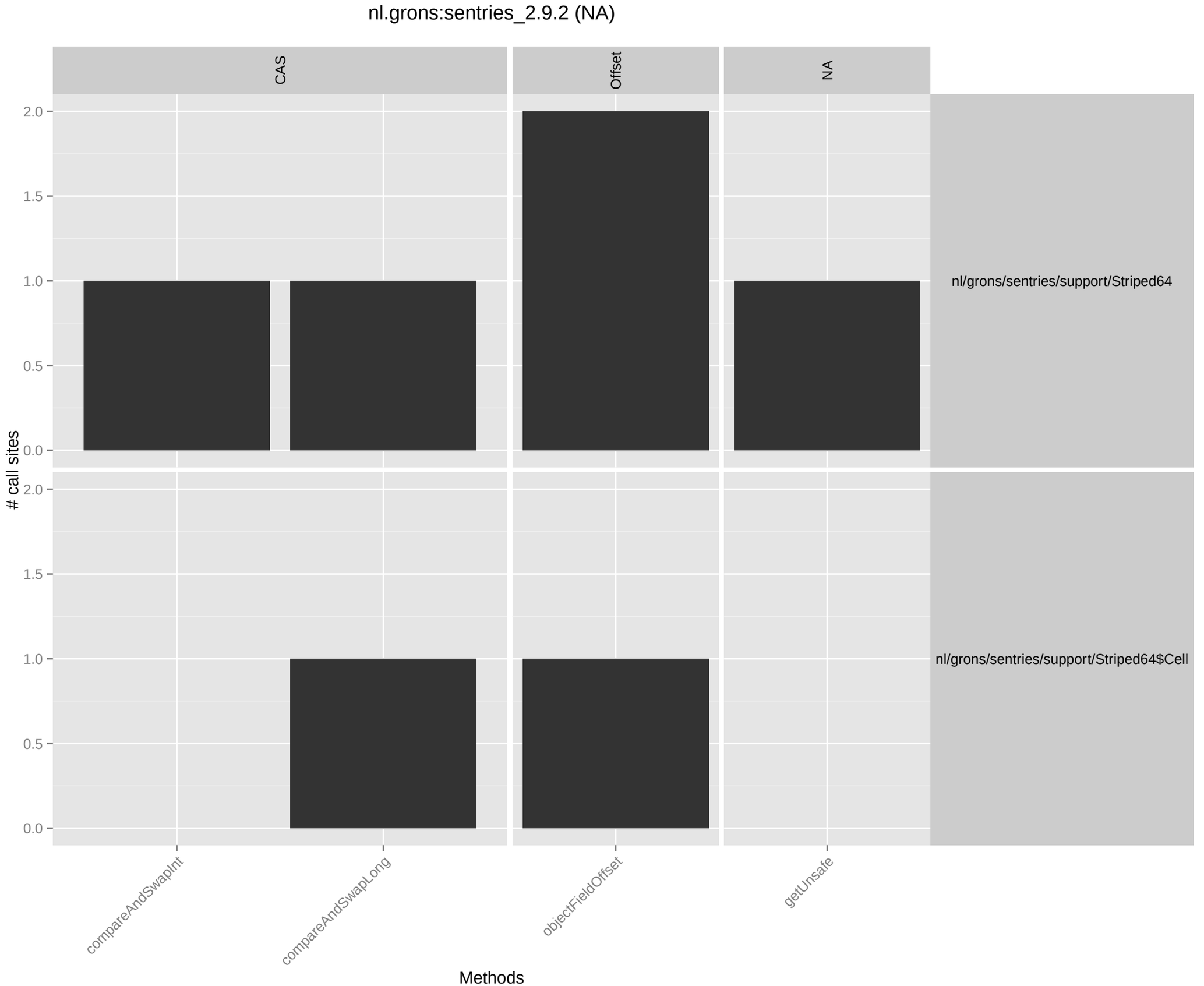

net.wetheinter:xapi−dev (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

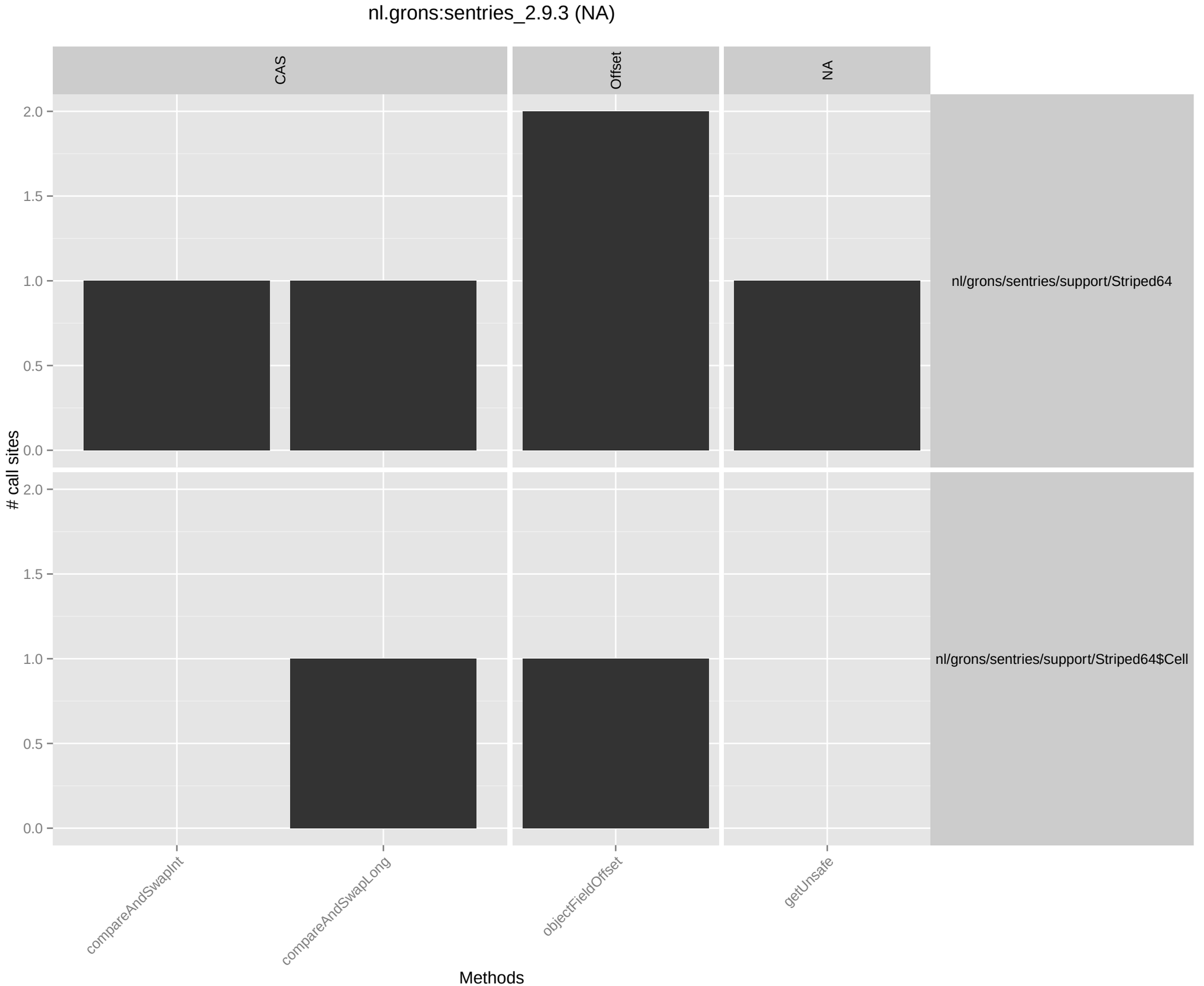

nl.grons:sentries_2.10 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

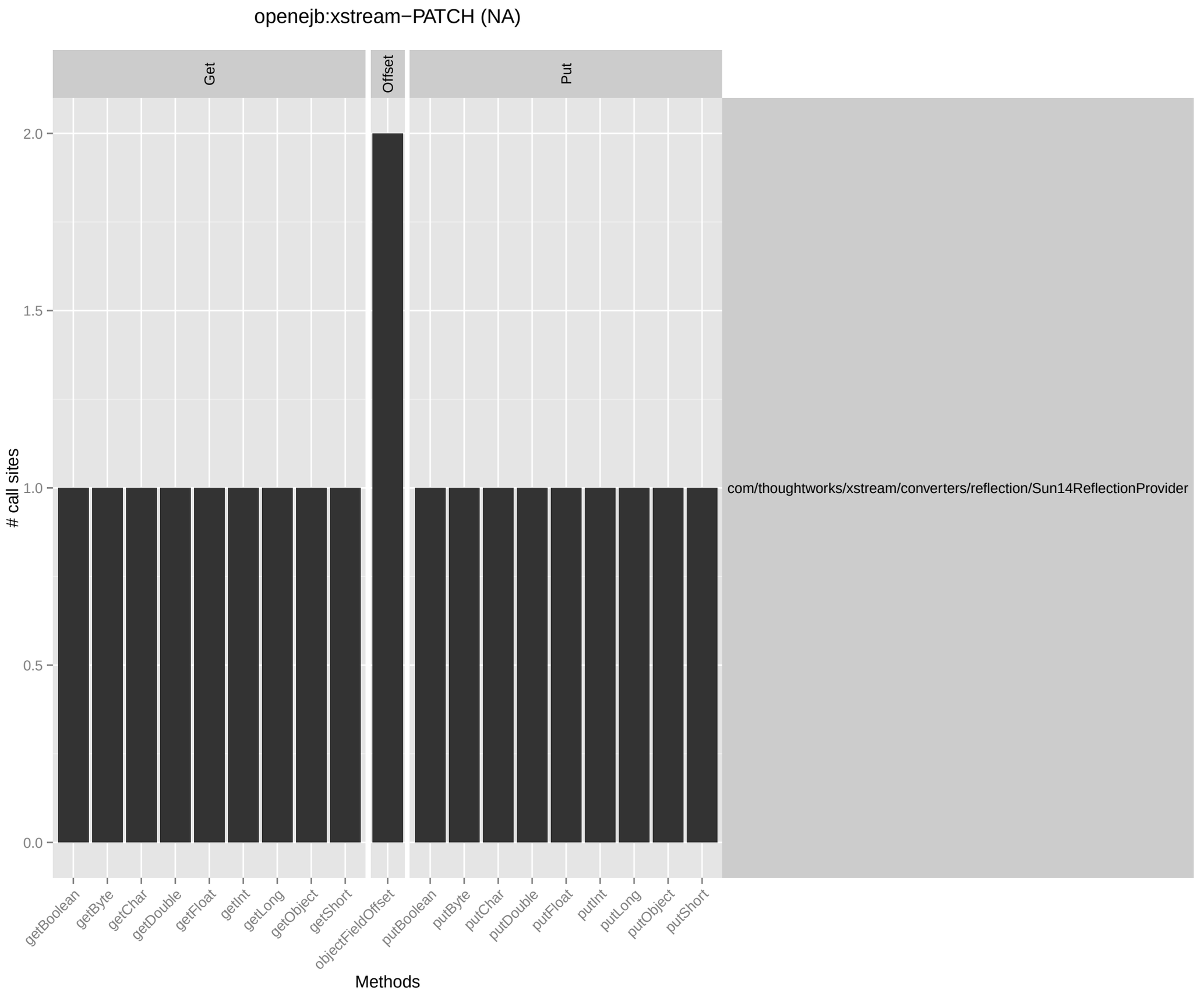

nl.grons:sentries_2.11 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

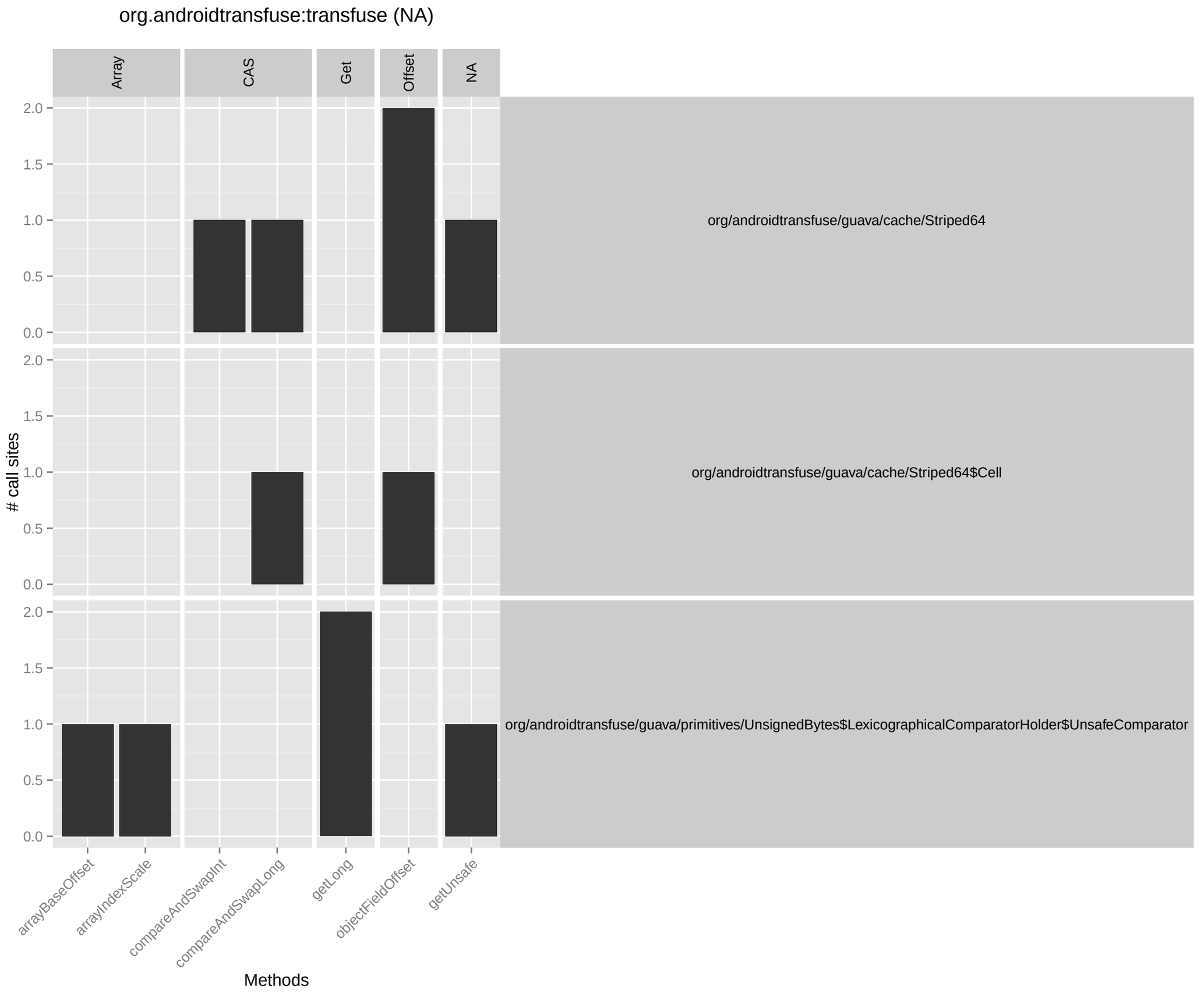

nl.grons:sentries_2.9.1 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

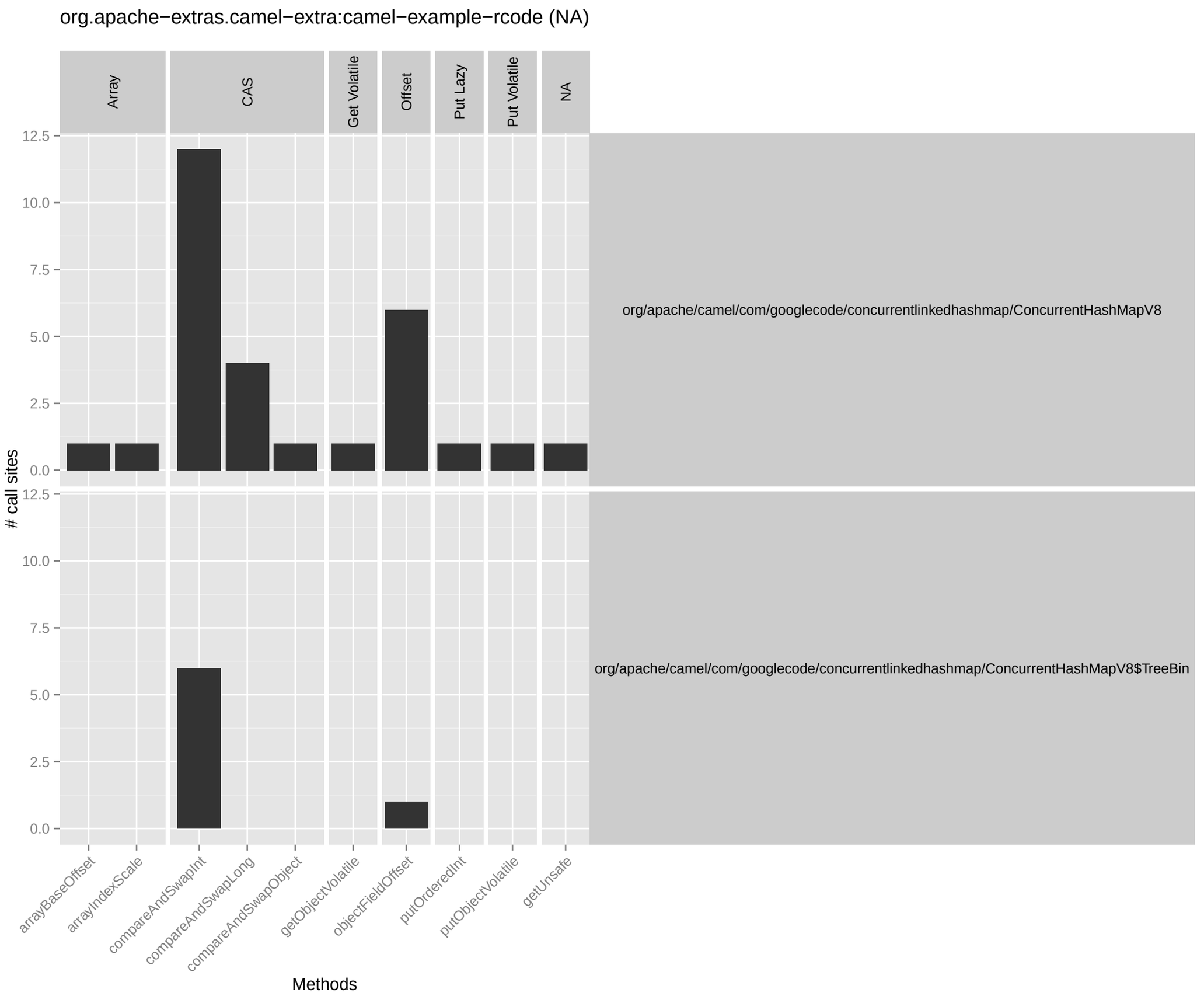

nl.grons:sentries_2.9.1−1 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

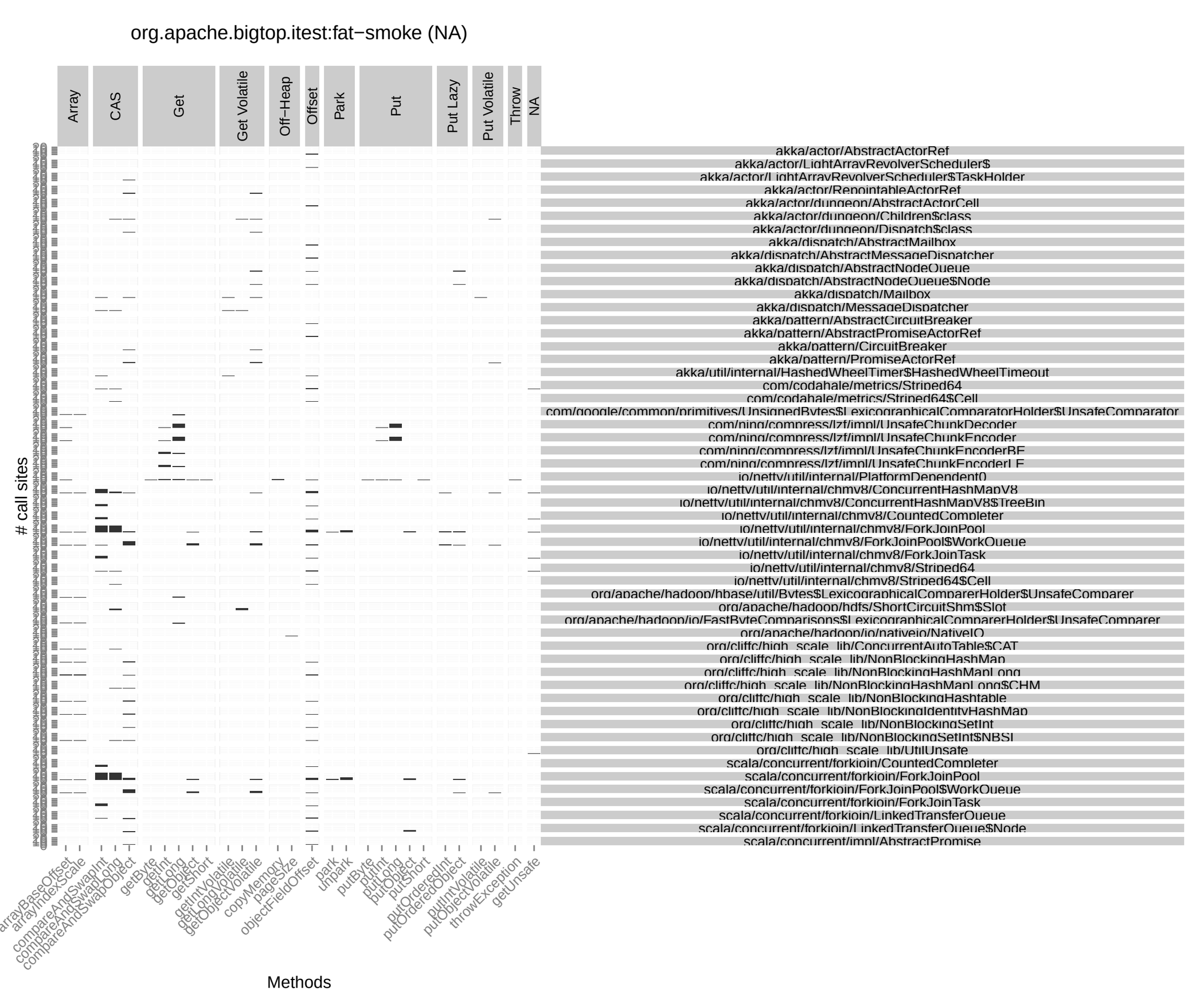

nl.grons:sentries_2.9.2 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

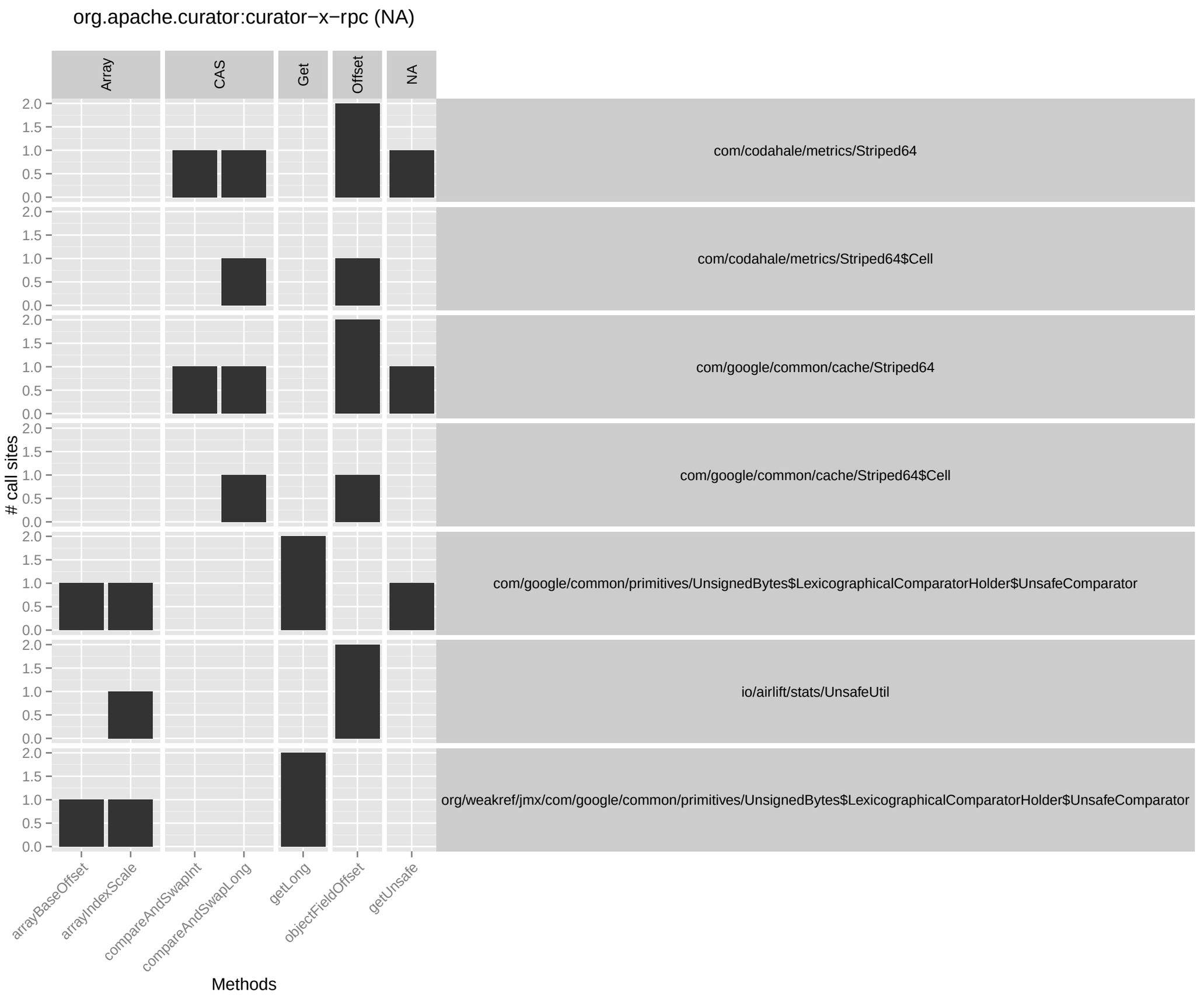

nl.grons:sentries_2.9.3 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

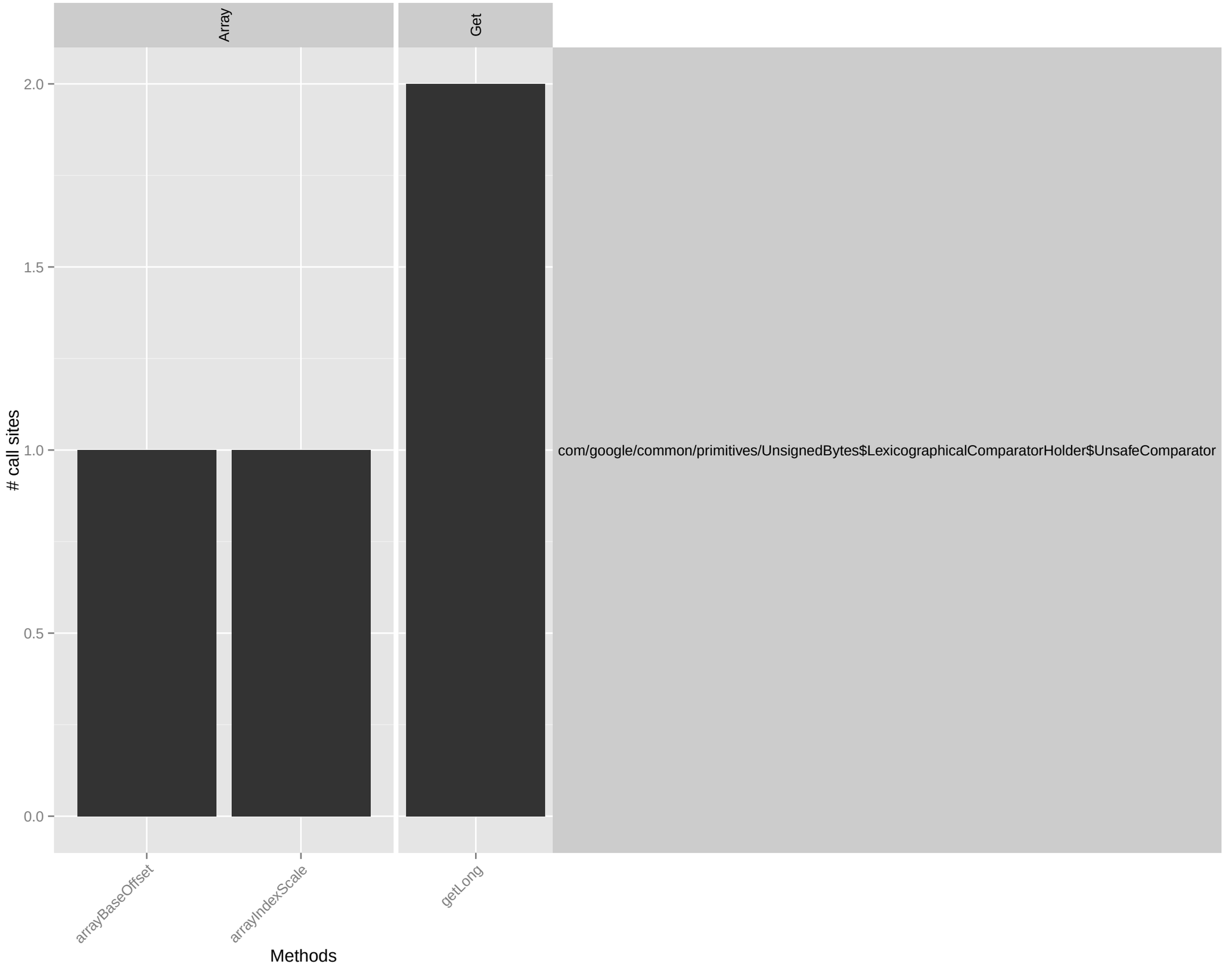

openejb:xstream−PATCH (NA)
Get
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

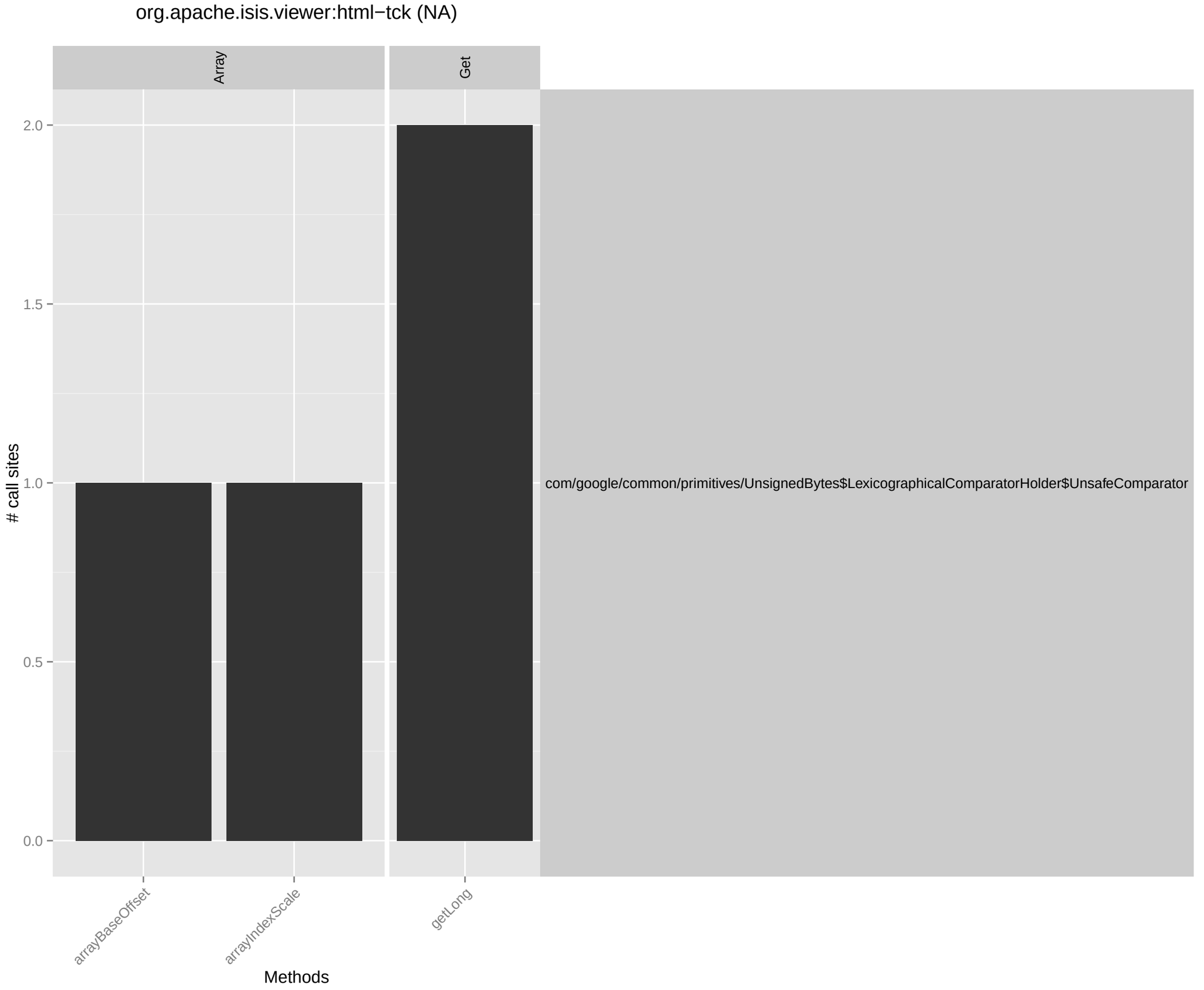

org.androidtransfuse:transfuse (NA)
Array
CAS
Get
Offset
NA
org/androidtransfuse/guava/cache/Striped64
org/androidtransfuse/guava/cache/Striped64$Cell
org/androidtransfuse/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

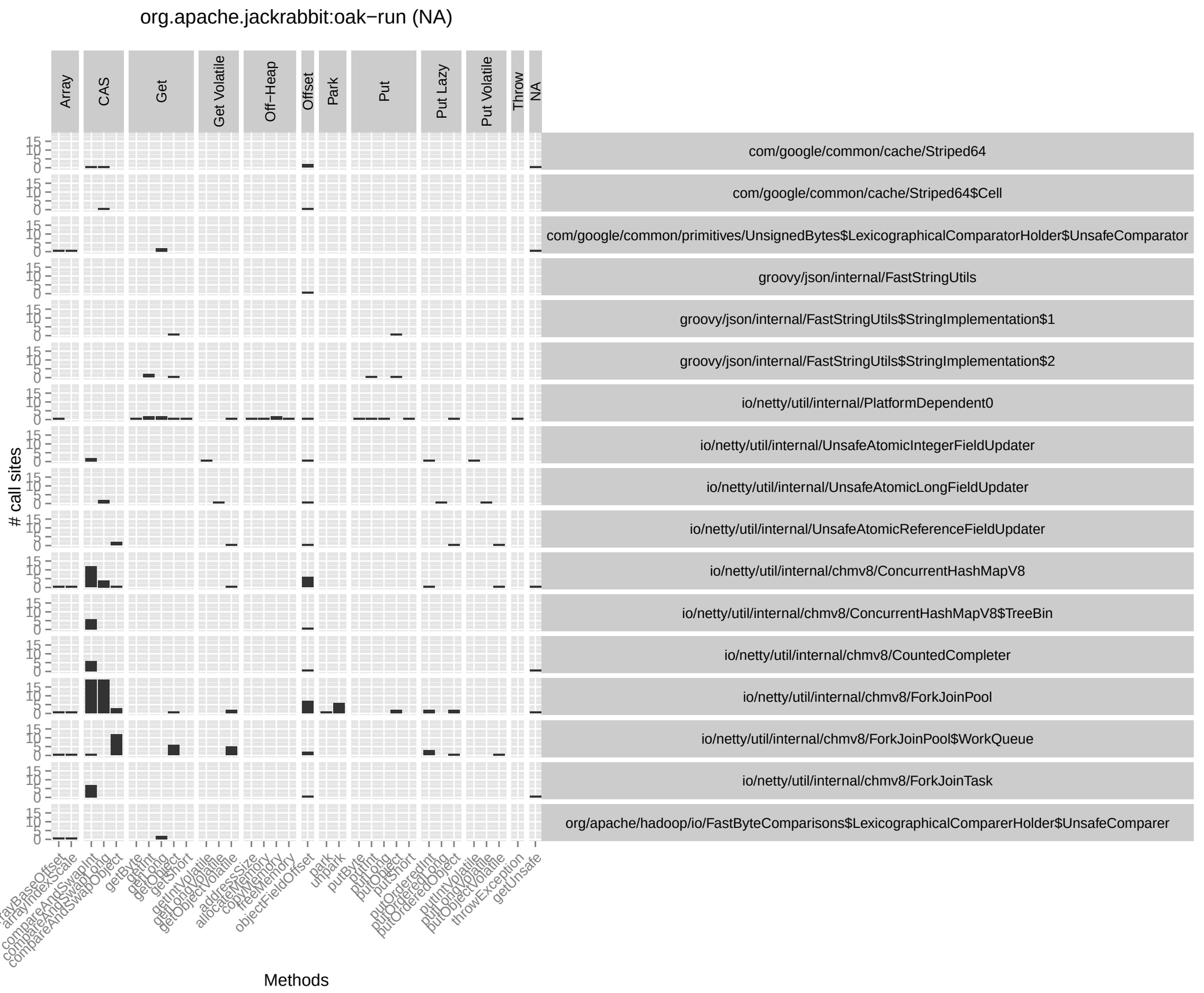

org.apache−extras.camel−extra:camel−example−rcode (NA)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

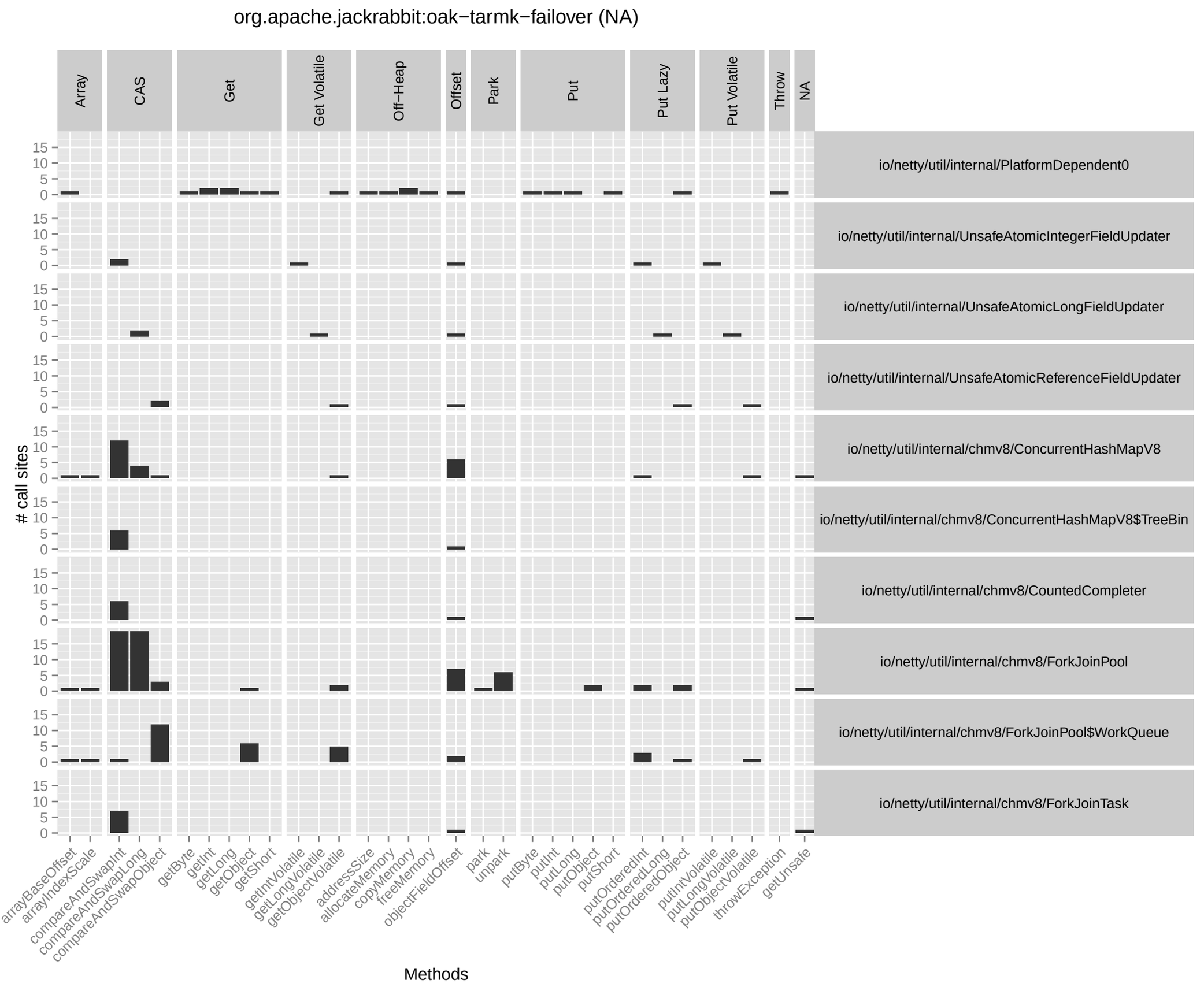

org.apache.bigtop.itest:fat−smoke (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/ning/compress/lzf/impl/UnsafeChunkDecoder
com/ning/compress/lzf/impl/UnsafeChunkEncoder
com/ning/compress/lzf/impl/UnsafeChunkEncoderBE
com/ning/compress/lzf/impl/UnsafeChunkEncoderLE
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/hdfs/ShortCircuitShm$Slot
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
pageSize
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putIntVolatile
putObjectVolatile
throwException
getUnsafe
Methods

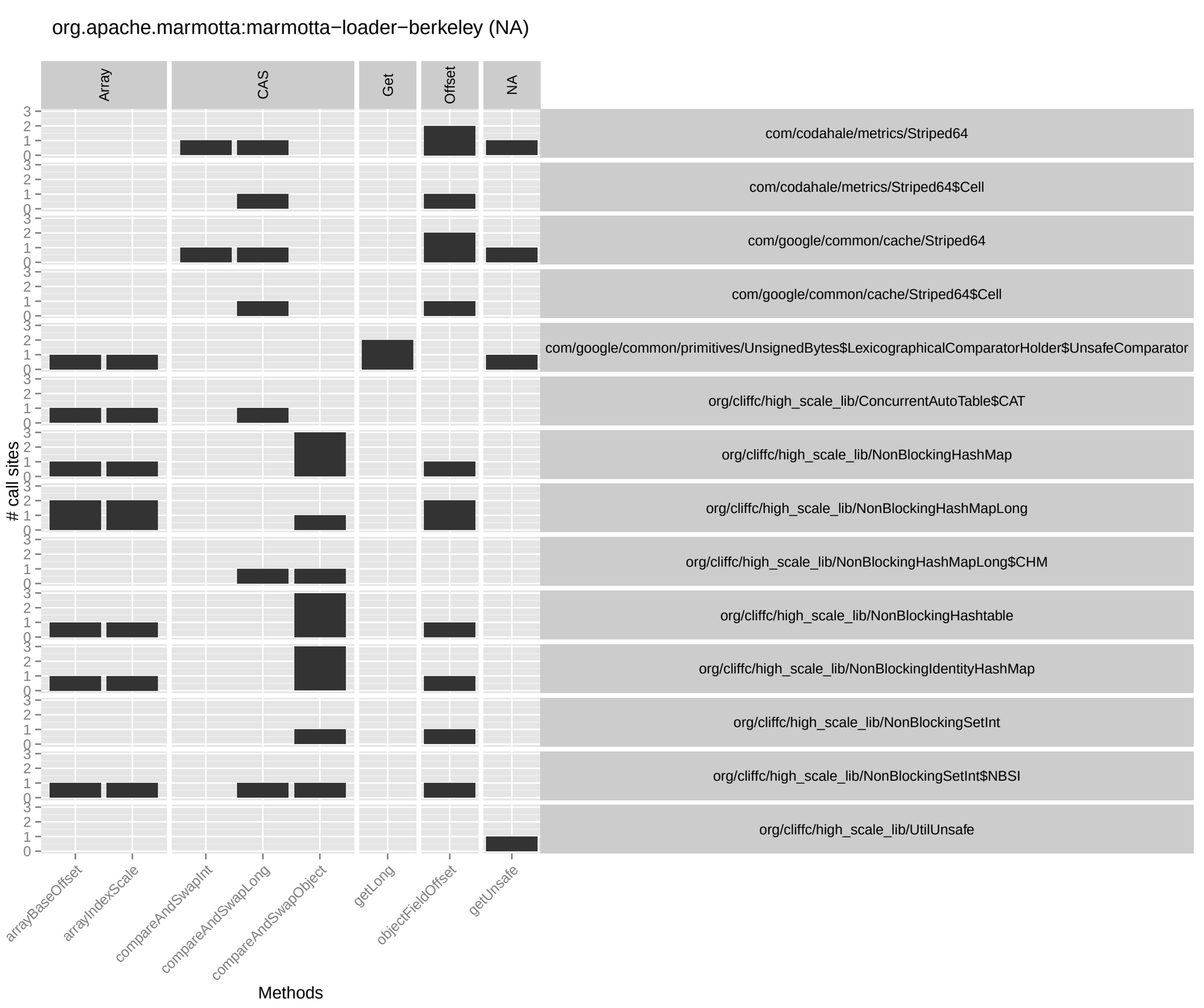

org.apache.curator:curator−x−rpc (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
io/airlift/stats/UnsafeUtil
org/weakref/jmx/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

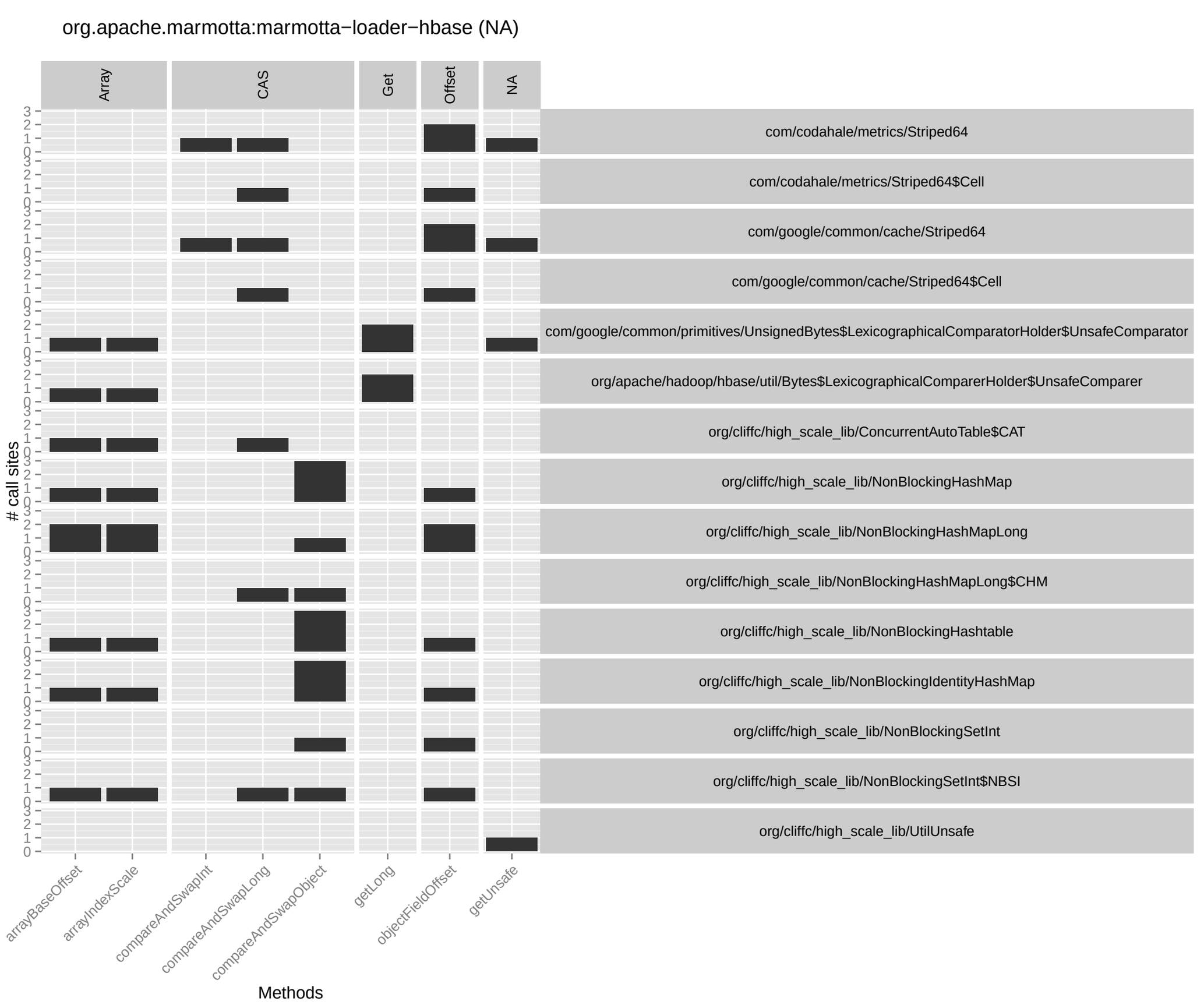

org.apache.isis.viewer:dnd−tck (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

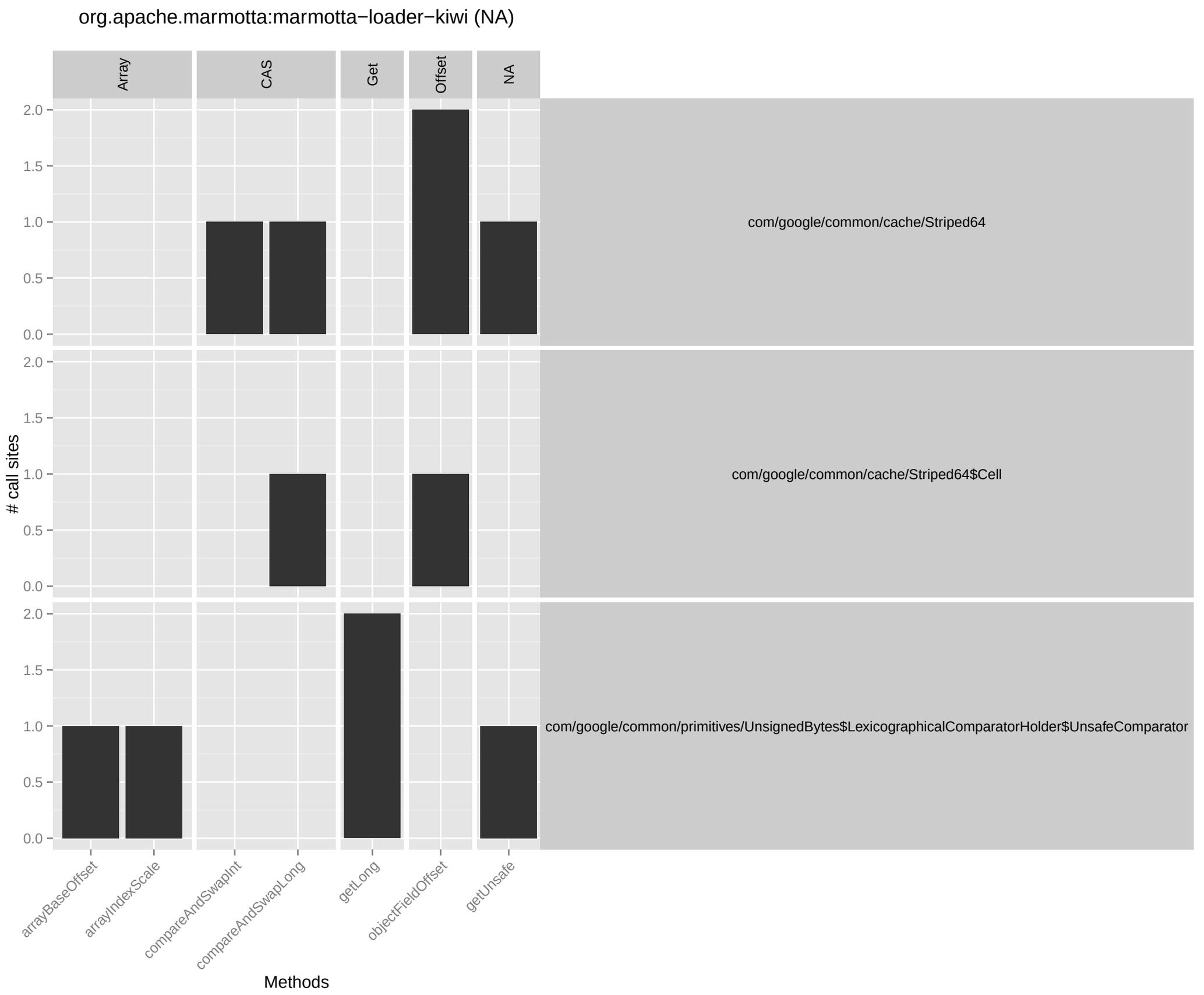

org.apache.isis.viewer:html−tck (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

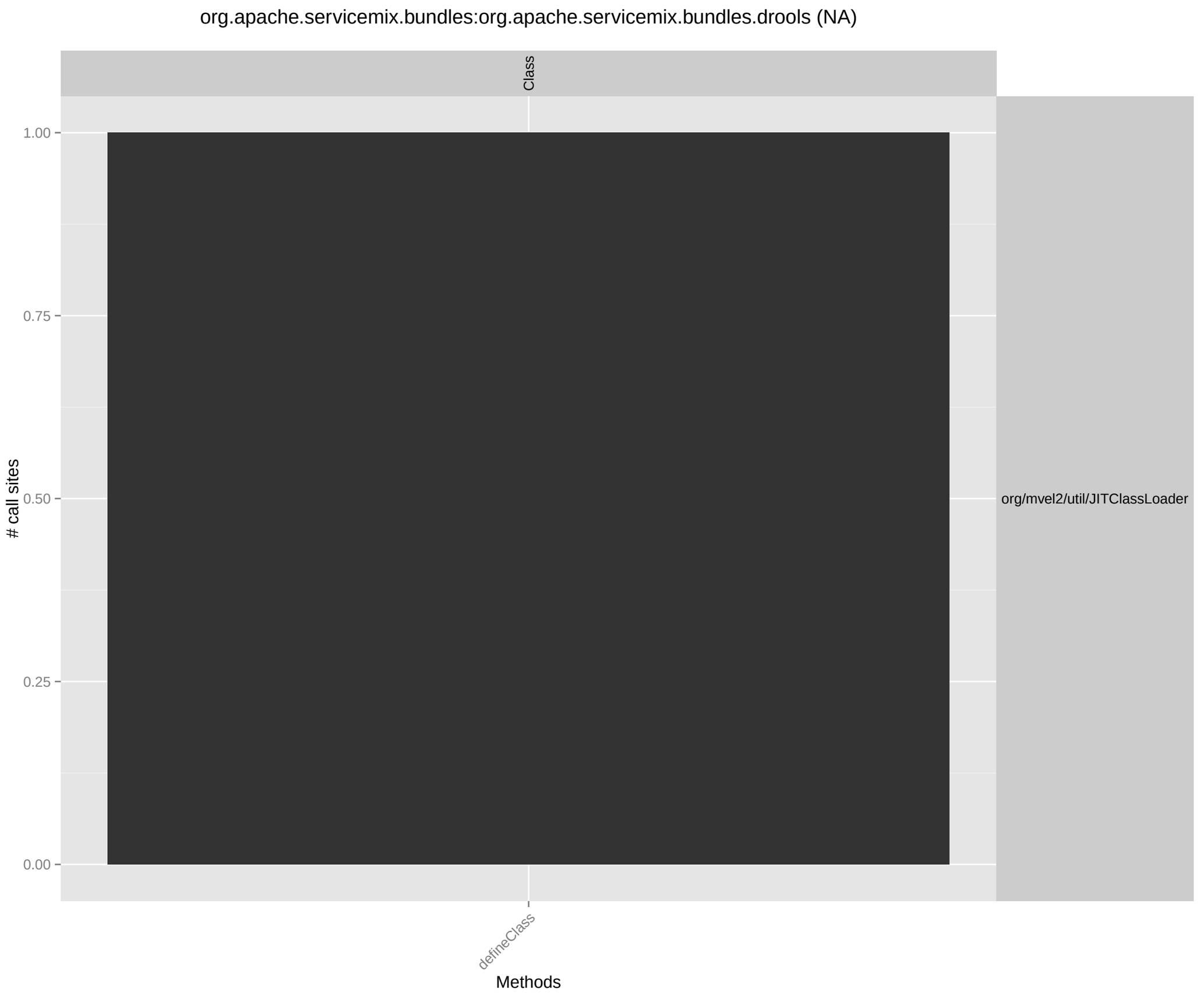

org.apache.jackrabbit:oak−run (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods


org.apache.jackrabbit:oak−tarmk−failover (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

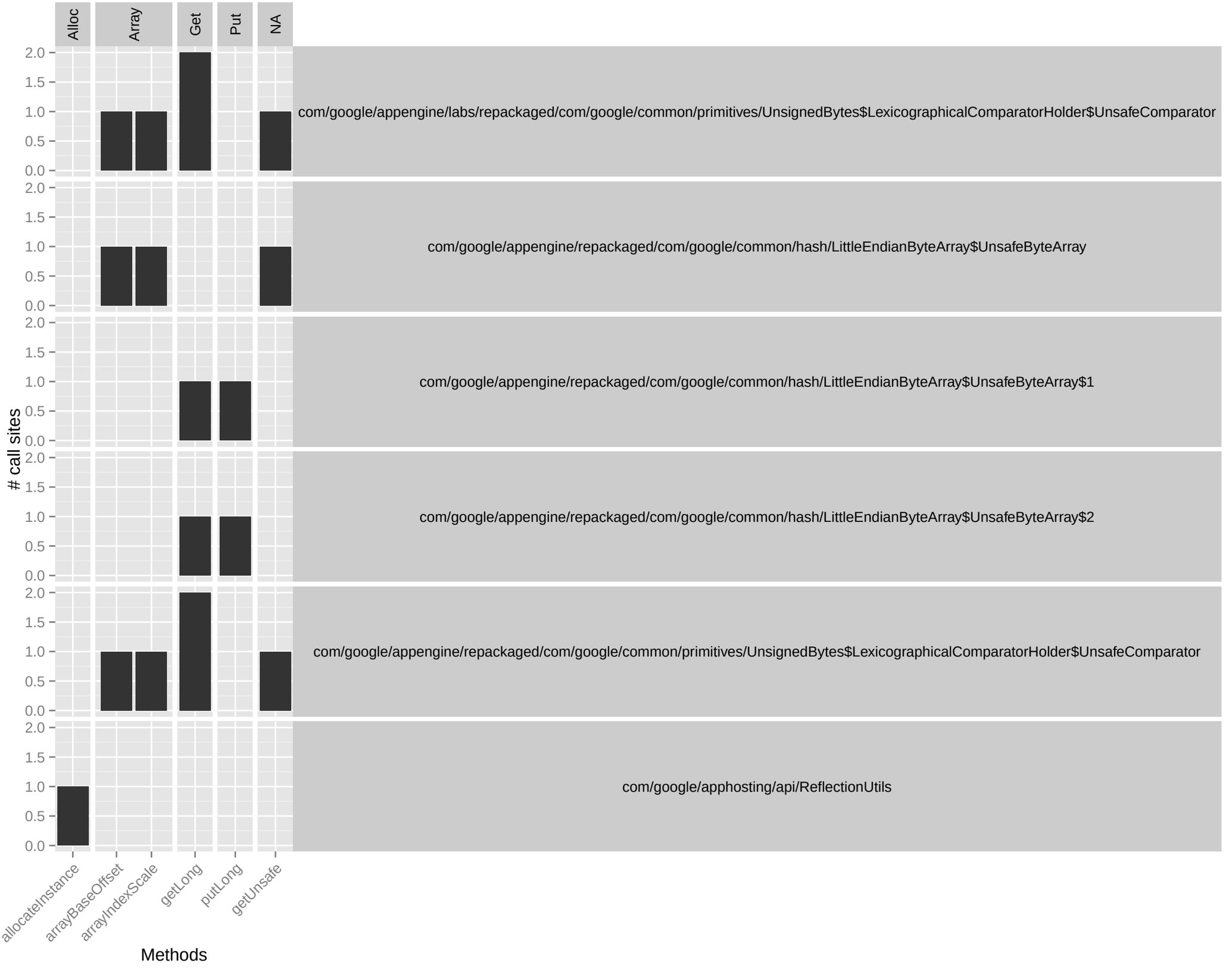

org.apache.marmotta:marmotta−loader−berkeley (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
objectFieldOffset
getUnsafe
Methods

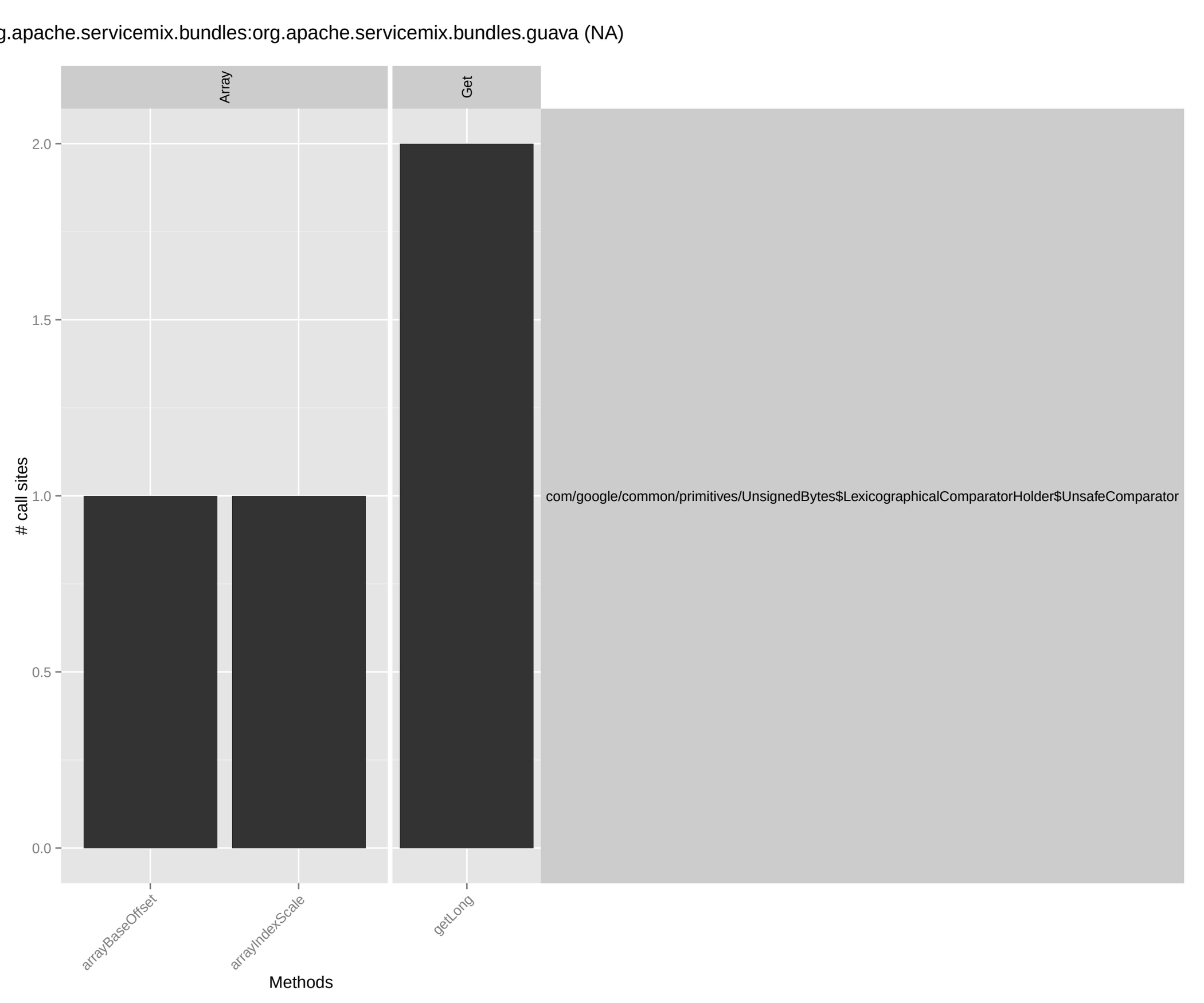

org.apache.marmotta:marmotta−loader−hbase (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
objectFieldOffset
getUnsafe
Methods

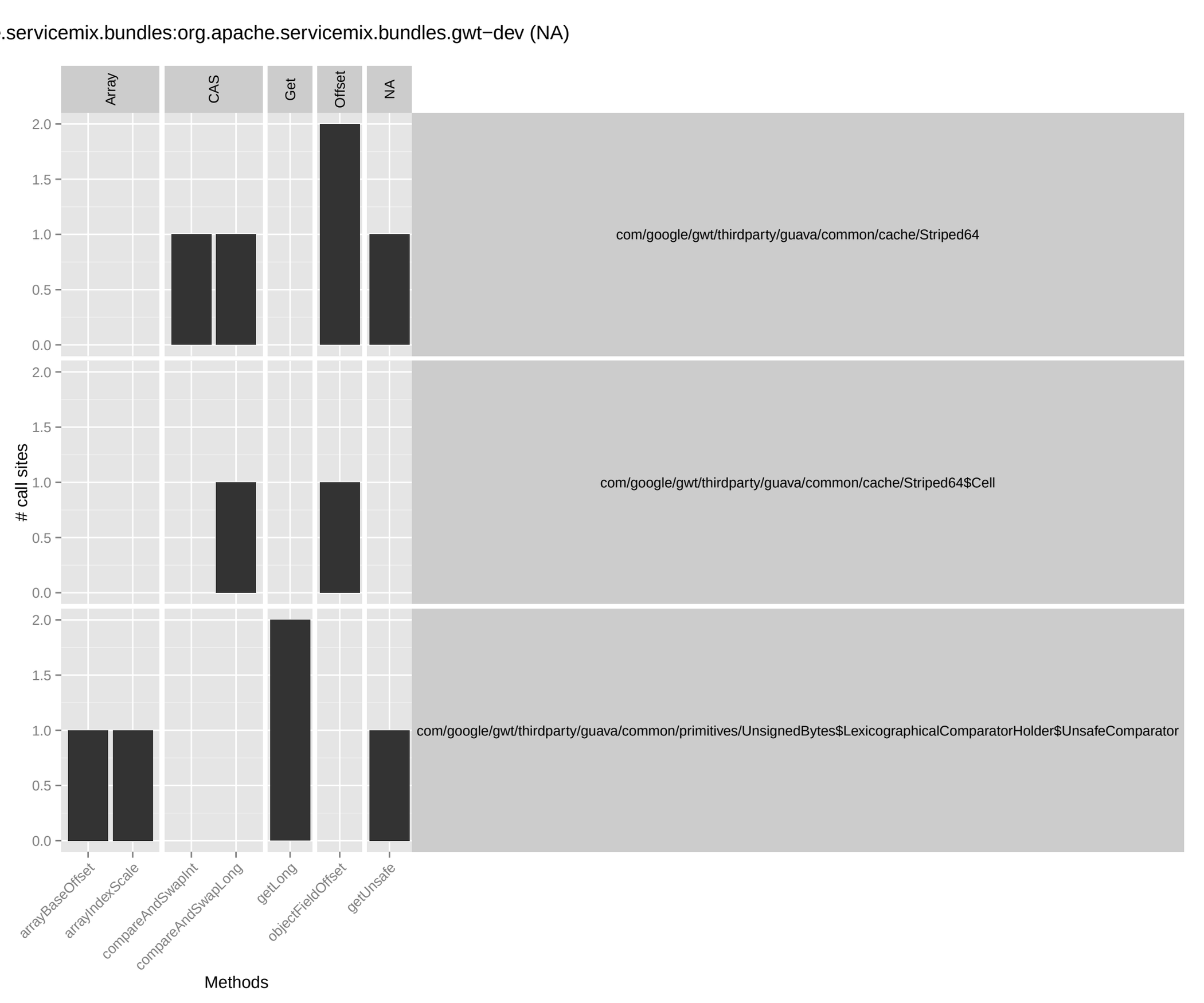

org.apache.marmotta:marmotta−loader−kiwi (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

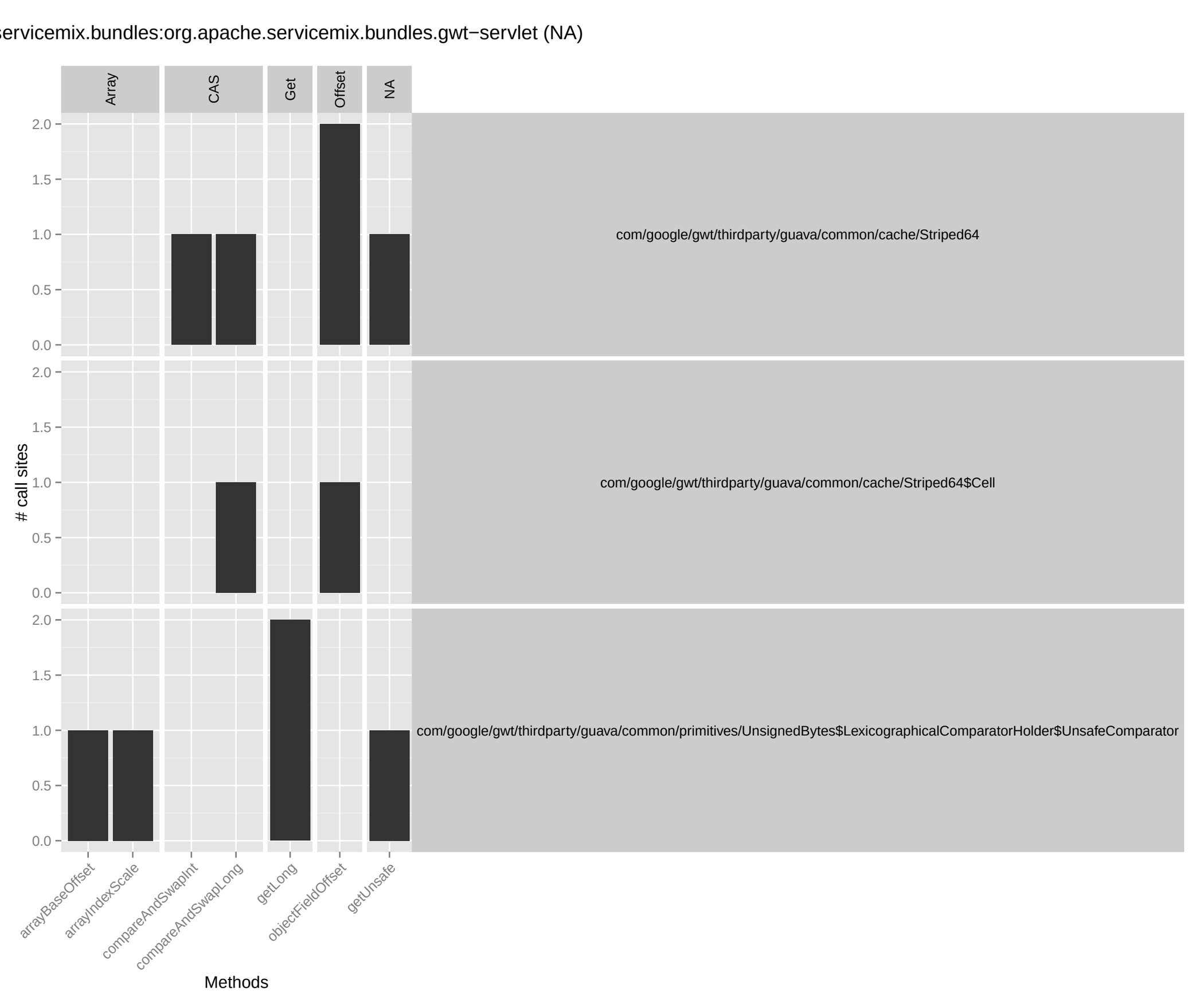

org.apache.servicemix.bundles:org.apache.servicemix.bundles.drools (NA)
Class
org/mvel2/util/JITClassLoader
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
Methods

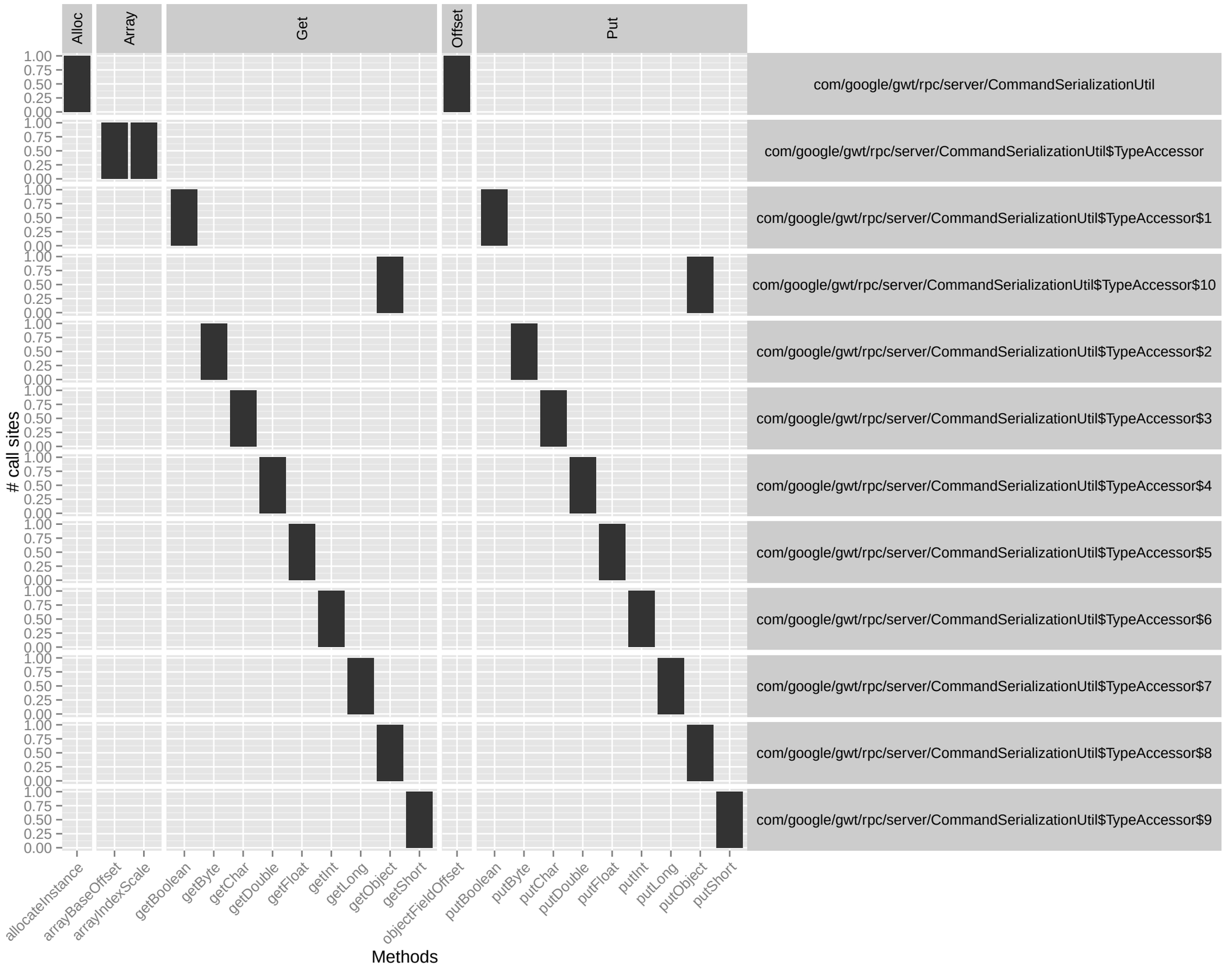
vicemix.bundles:org.apache.servicemix.bundles.gae (NA)

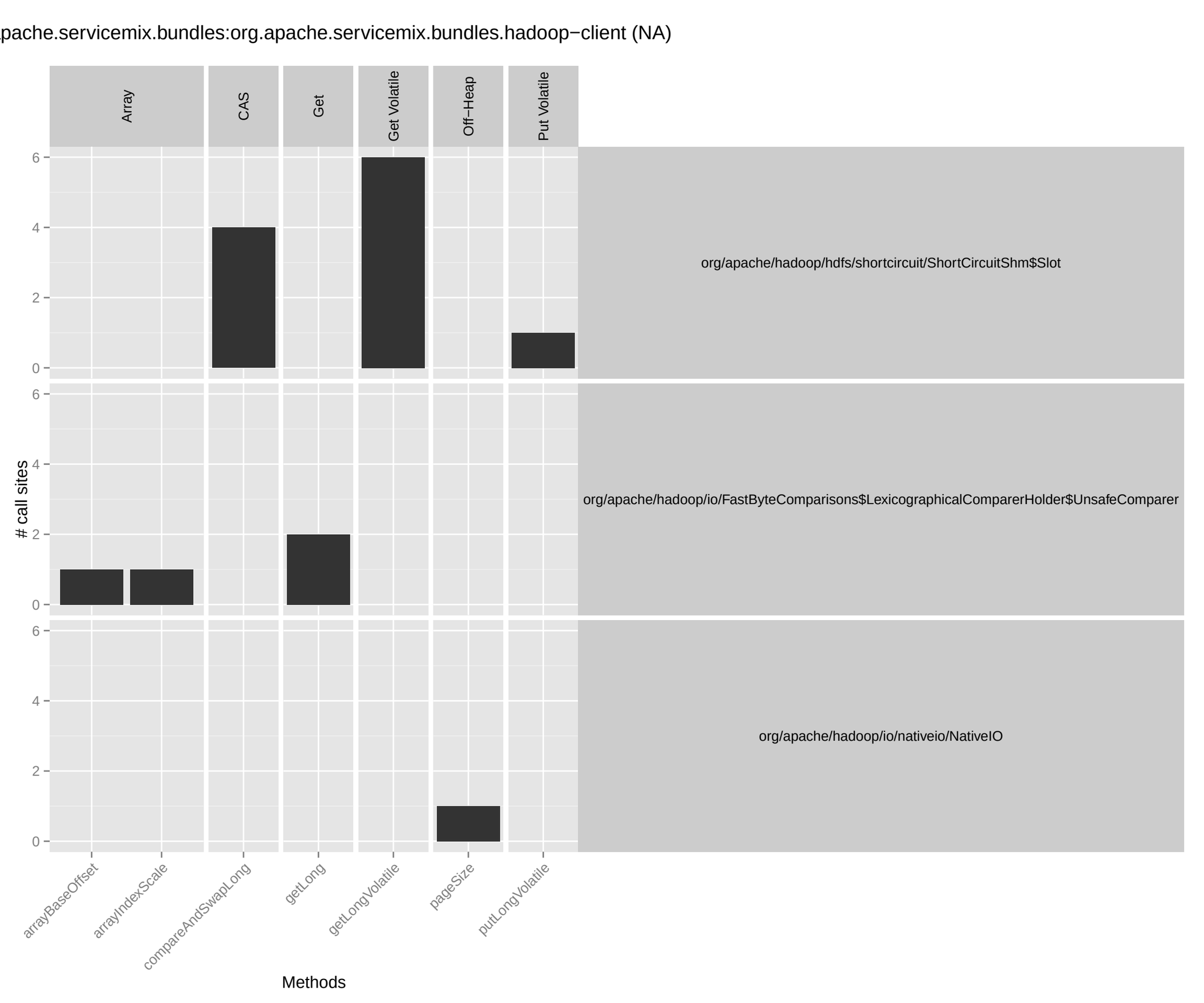


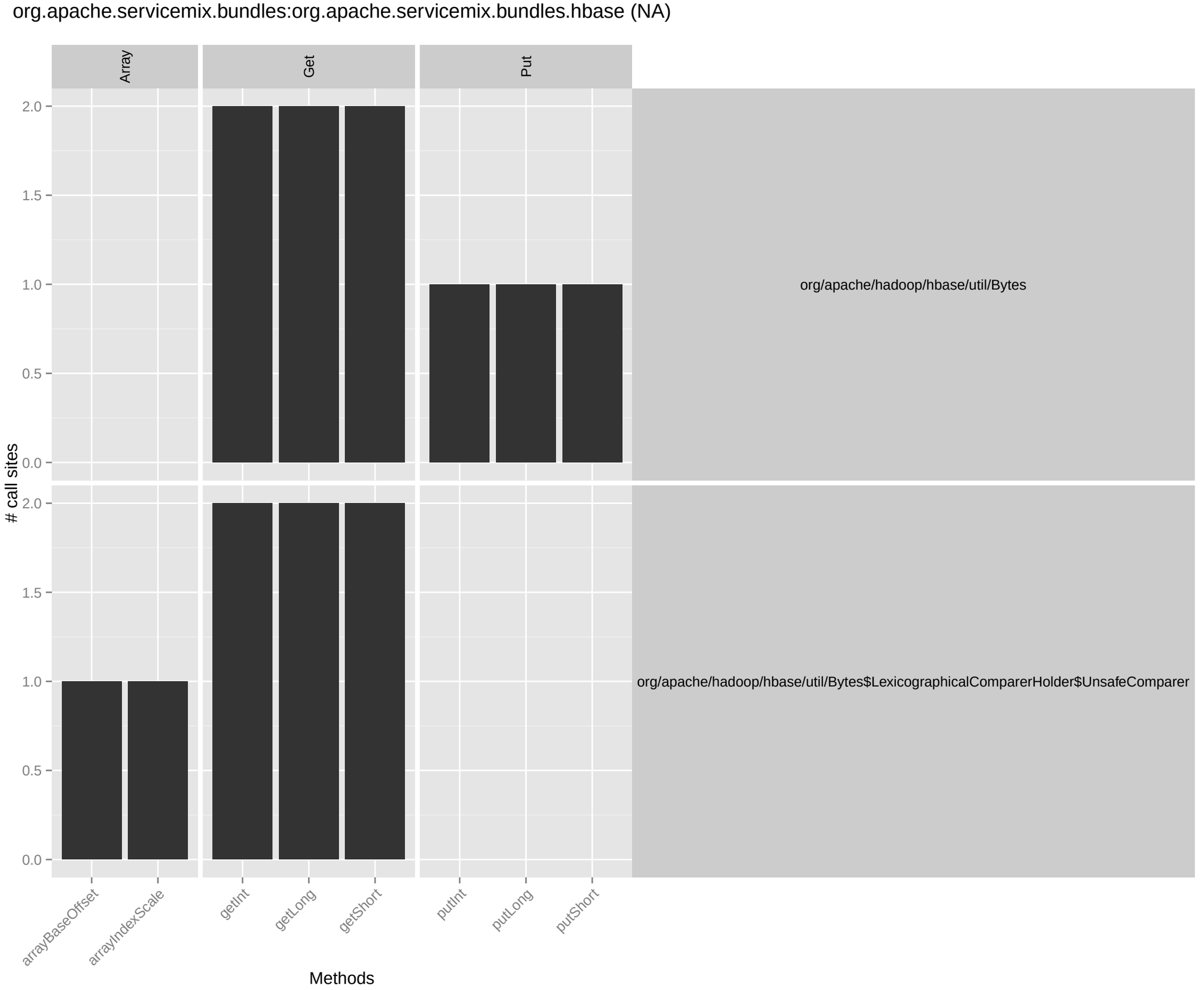

g.apache.servicemix.bundles:org.apache.servicemix.bundles.guava (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

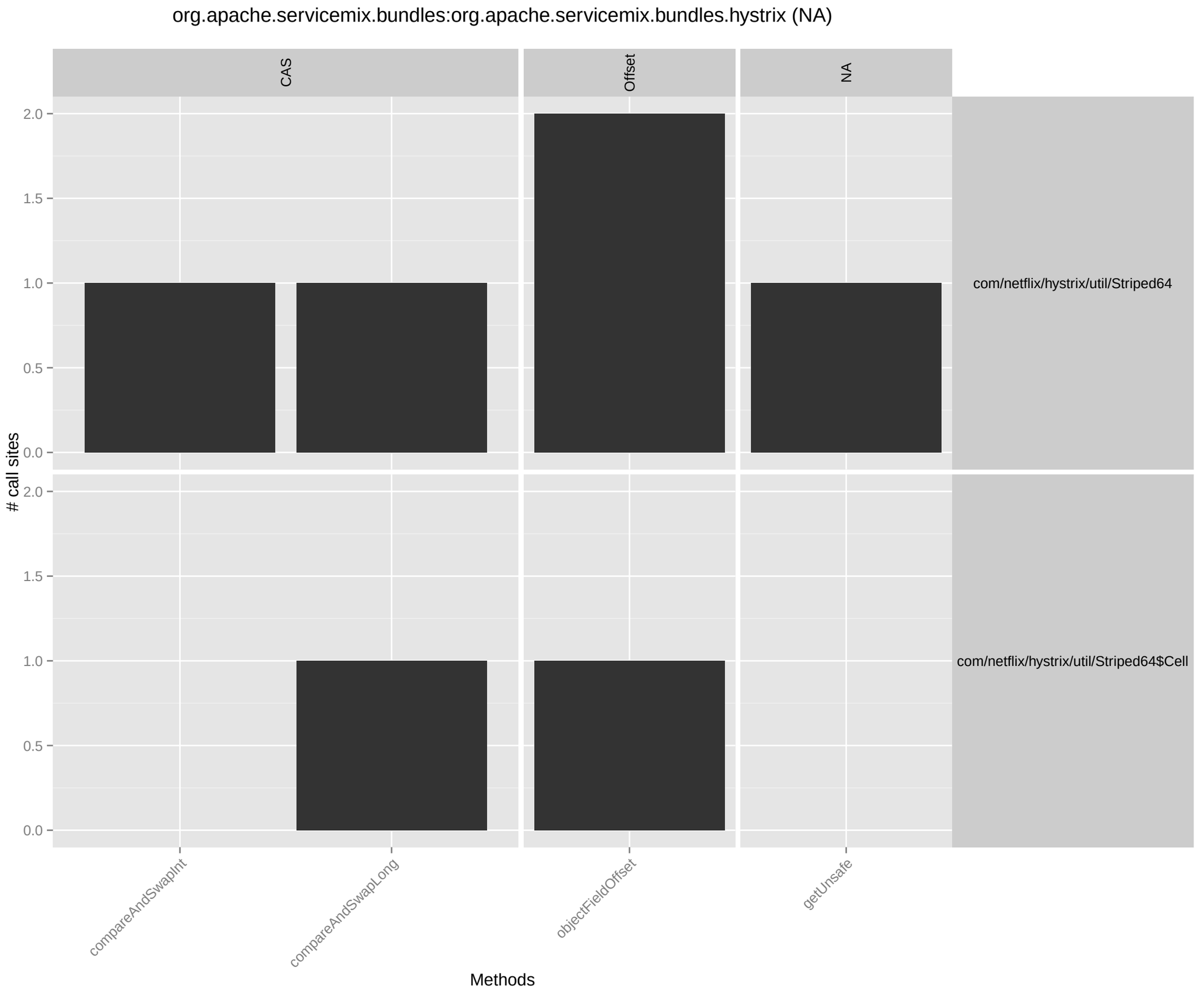

.servicemix.bundles:org.apache.servicemix.bundles.gwt−dev (NA)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

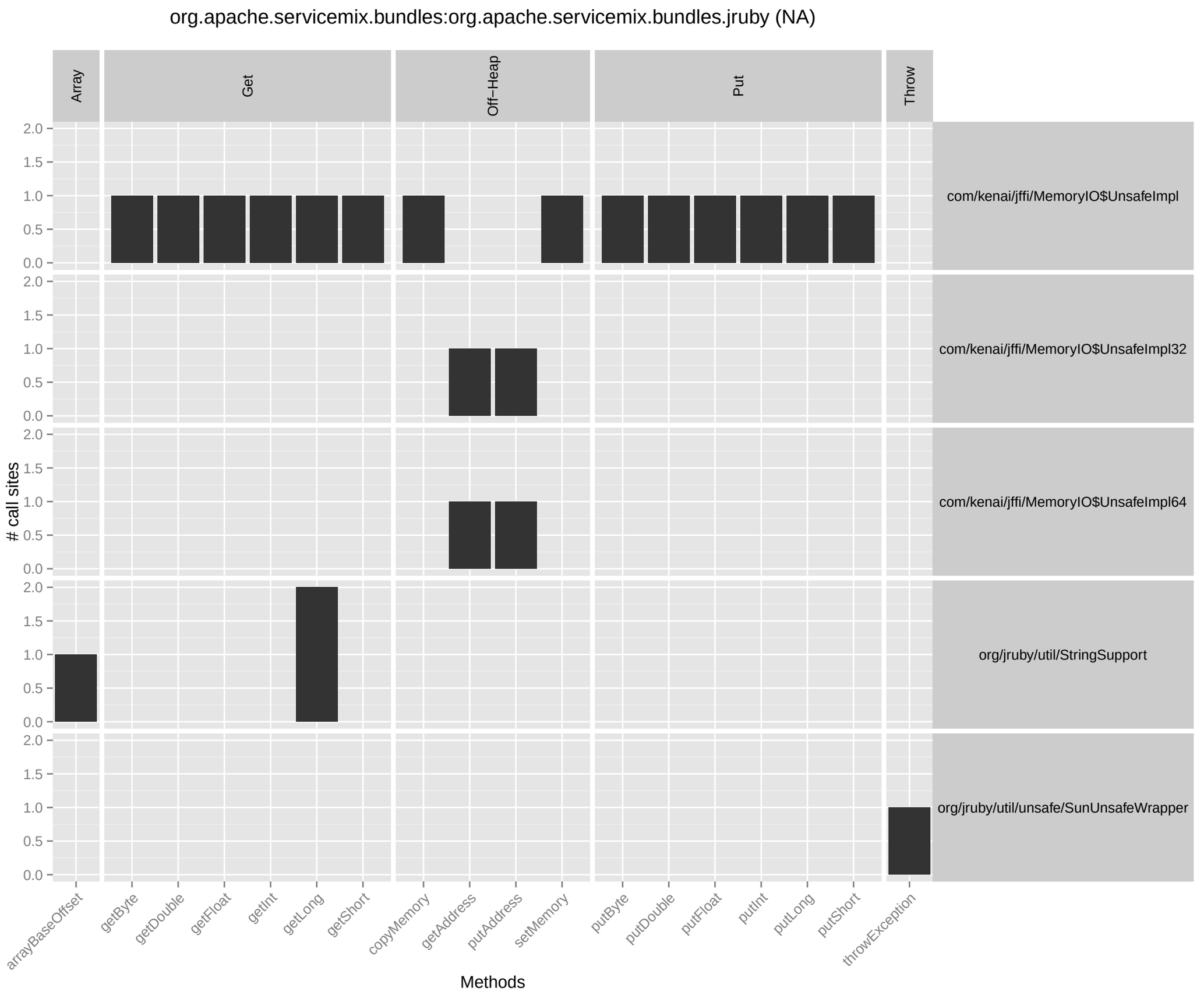

servicemix.bundles:org.apache.servicemix.bundles.gwt−servlet (NA)
Array
CAS
Get
Offset
NA
com/google/gwt/thirdparty/guava/common/cache/Striped64
com/google/gwt/thirdparty/guava/common/cache/Striped64$Cell
com/google/gwt/thirdparty/guava/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

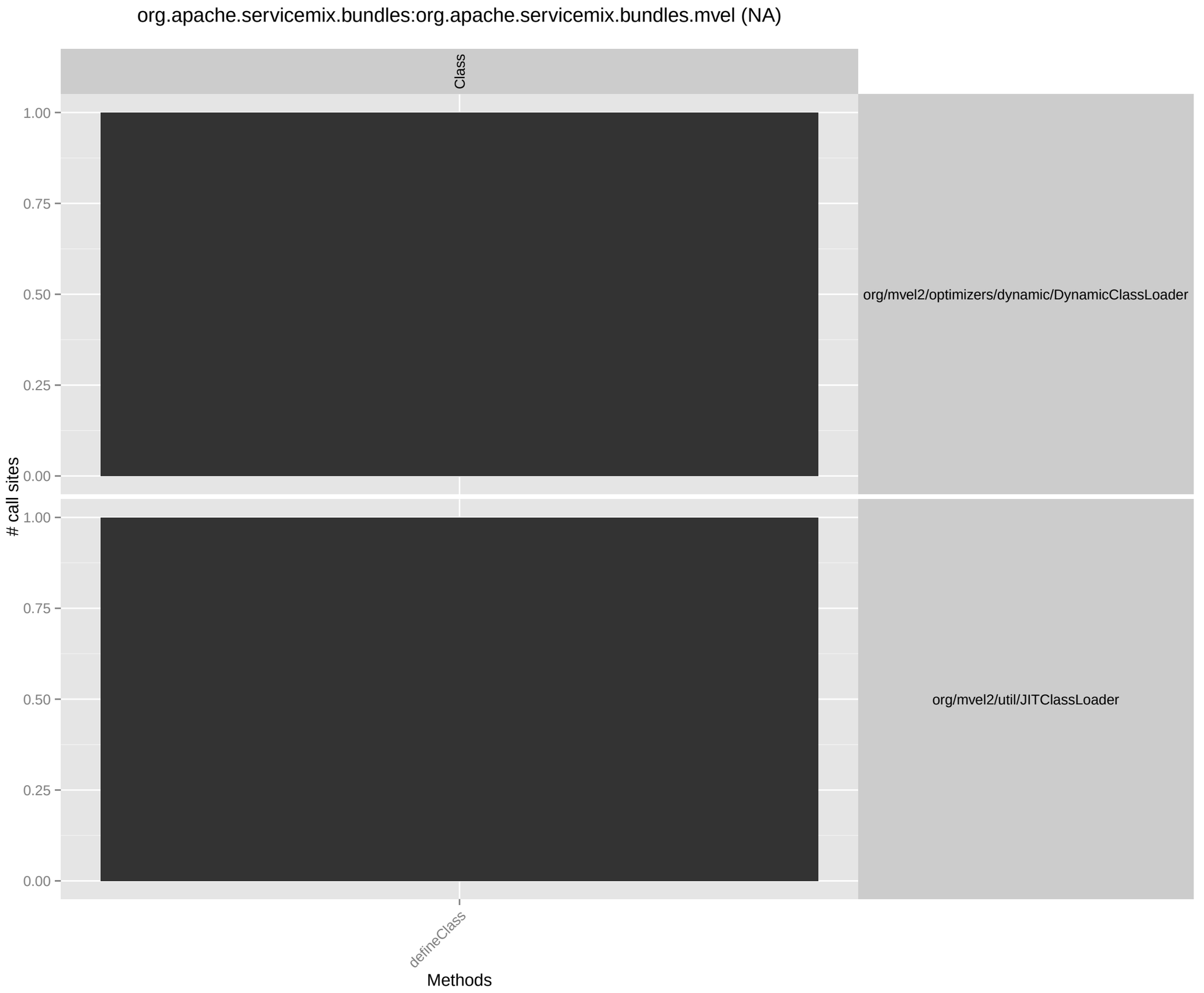

org.apache.servicemix.bundles:org.apache.servicemix.bundles.gwt−user (NA)
Alloc
Array
Get
Offset
Put
com/google/gwt/rpc/server/CommandSerializationUtil
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$1
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$10
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$2
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$3
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$4
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$5
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$6
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$7
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$8
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$9
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

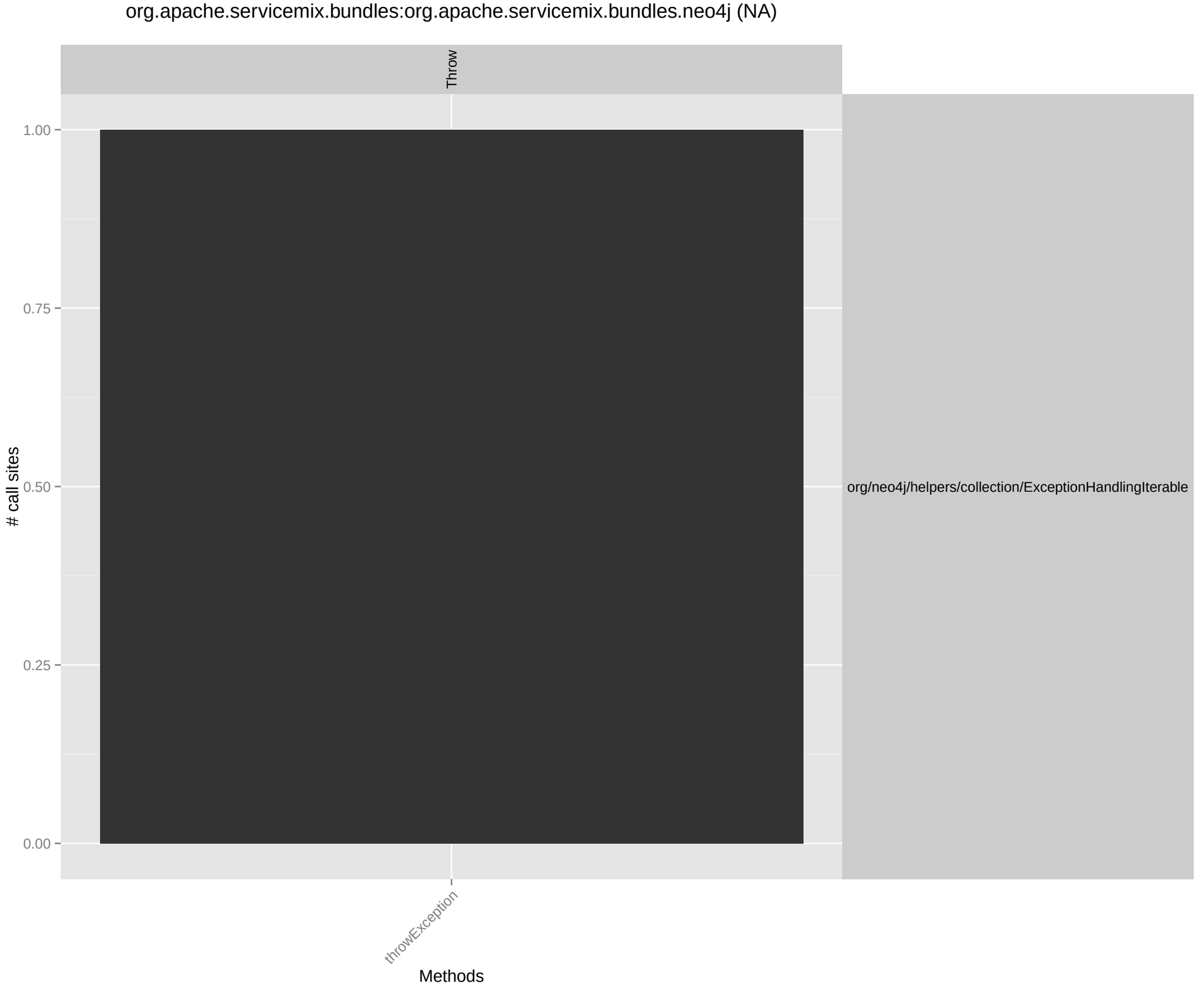

pache.servicemix.bundles:org.apache.servicemix.bundles.hadoop−client (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Put Volatile
org/apache/hadoop/hdfs/shortcircuit/ShortCircuitShm$Slot
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
call sites
0
2
4
6
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getLong
getLongVolatile
pageSize
putLongVolatile
Methods

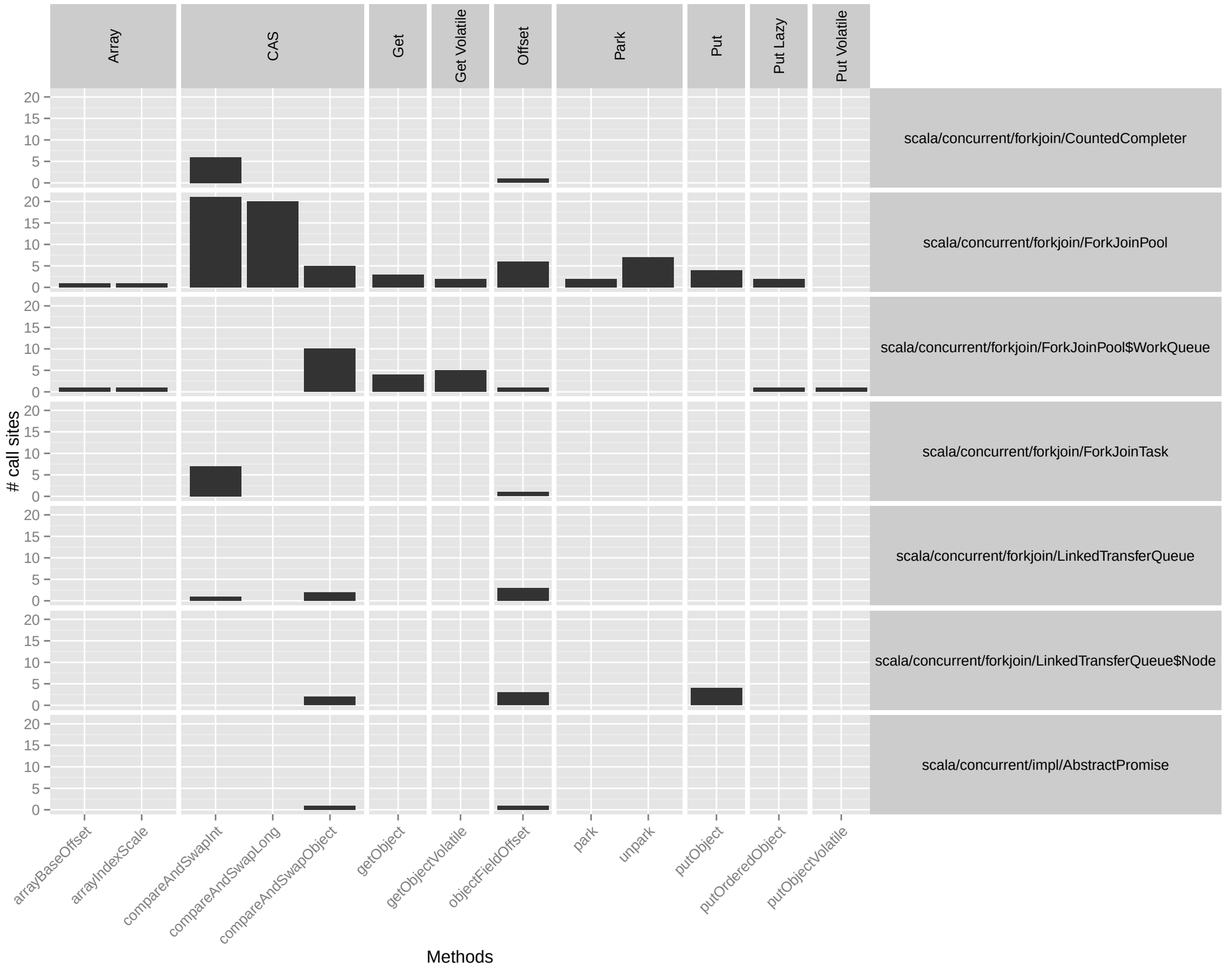

org.apache.servicemix.bundles:org.apache.servicemix.bundles.hbase (NA)
Array
Get
Put
org/apache/hadoop/hbase/util/Bytes
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
getInt
getLong
getShort
putInt
putLong
putShort
Methods

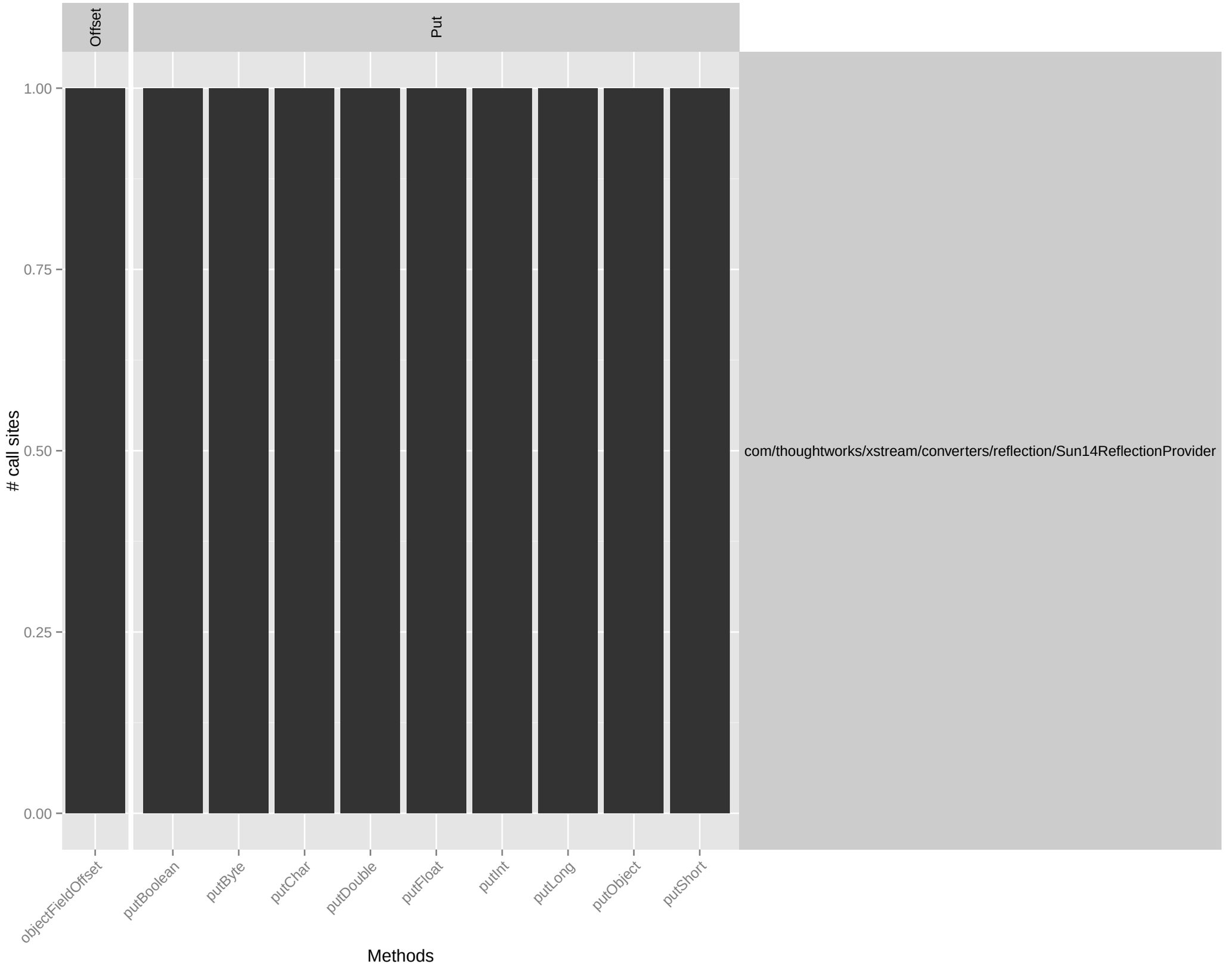

org.apache.servicemix.bundles:org.apache.servicemix.bundles.hystrix (NA)
CAS
Offset
NA
com/netflix/hystrix/util/Striped64
com/netflix/hystrix/util/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

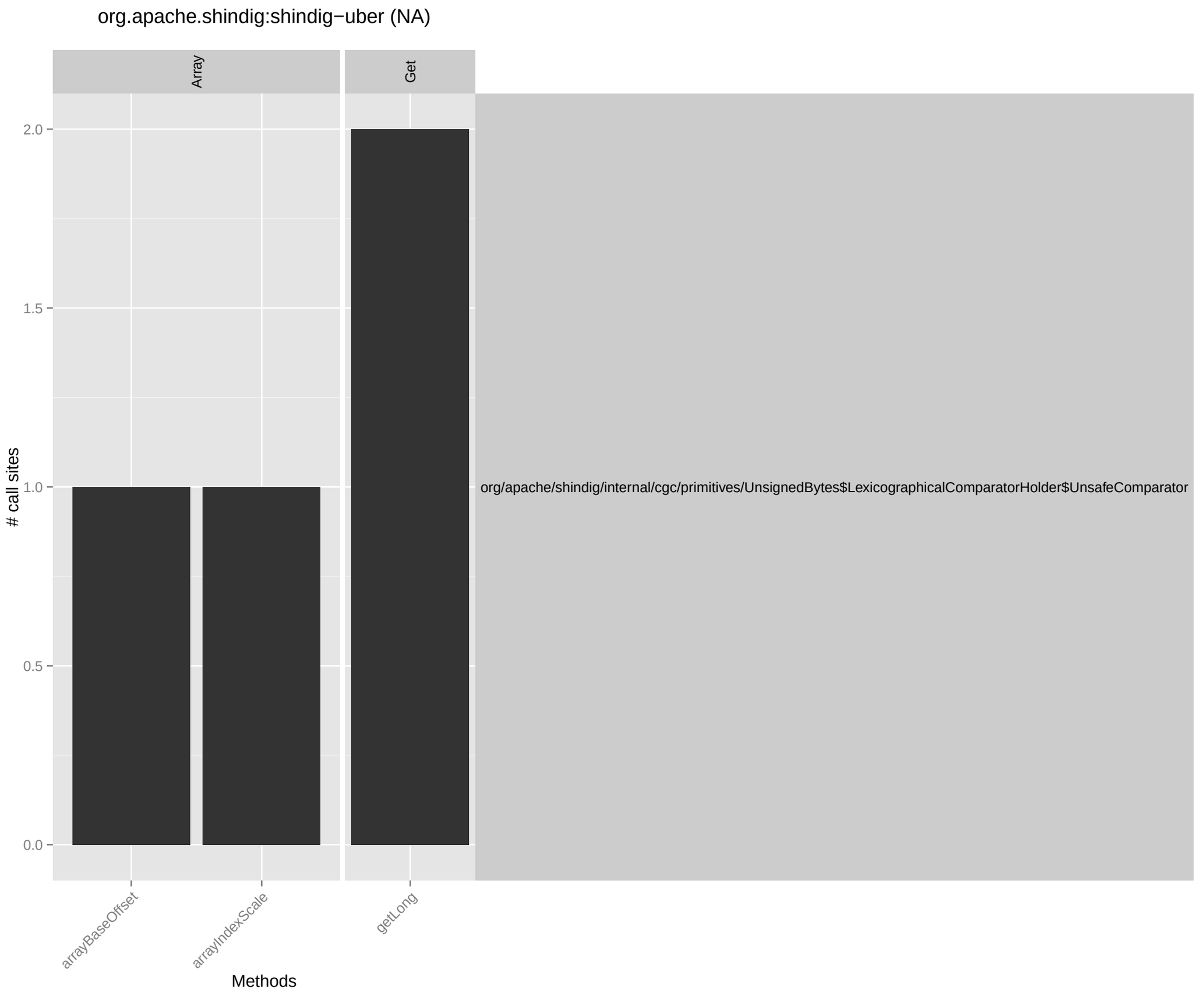

org.apache.servicemix.bundles:org.apache.servicemix.bundles.jruby (NA)
Array
Get
Off−Heap
Put
Throw
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/util/StringSupport
org/jruby/util/unsafe/SunUnsafeWrapper
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
getAddress
putAddress
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
throwException
Methods

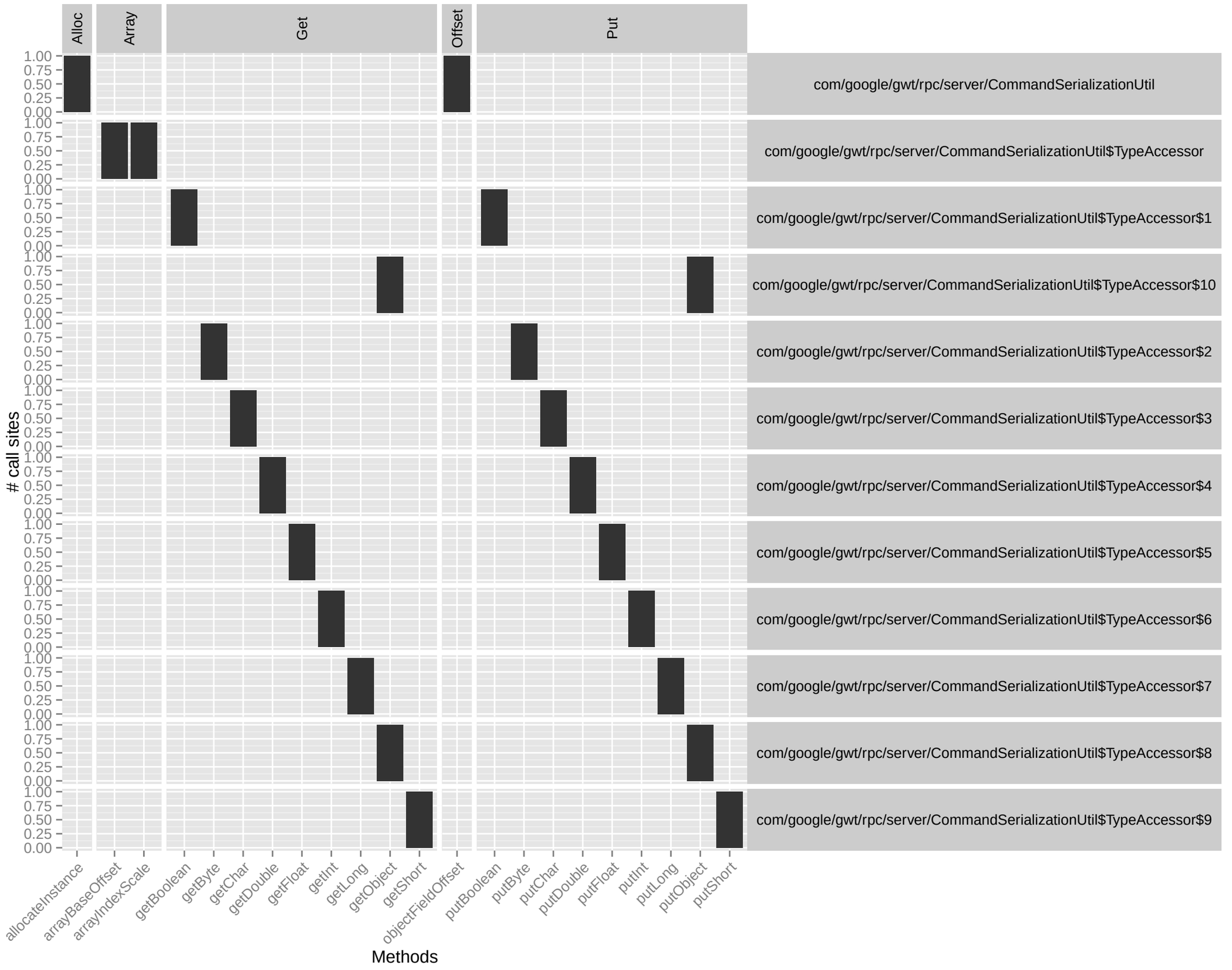

org.apache.servicemix.bundles:org.apache.servicemix.bundles.mvel (NA)
Class
1.00
0.75
0.50
0.25
0.00
org/mvel2/optimizers/dynamic/DynamicClassLoader
org/mvel2/util/JITClassLoader
call sites
defineClass
Methods


org.apache.servicemix.bundles:org.apache.servicemix.bundles.neo4j (NA)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
org/neo4j/helpers/collection/ExceptionHandlingIterable
throwException
Methods

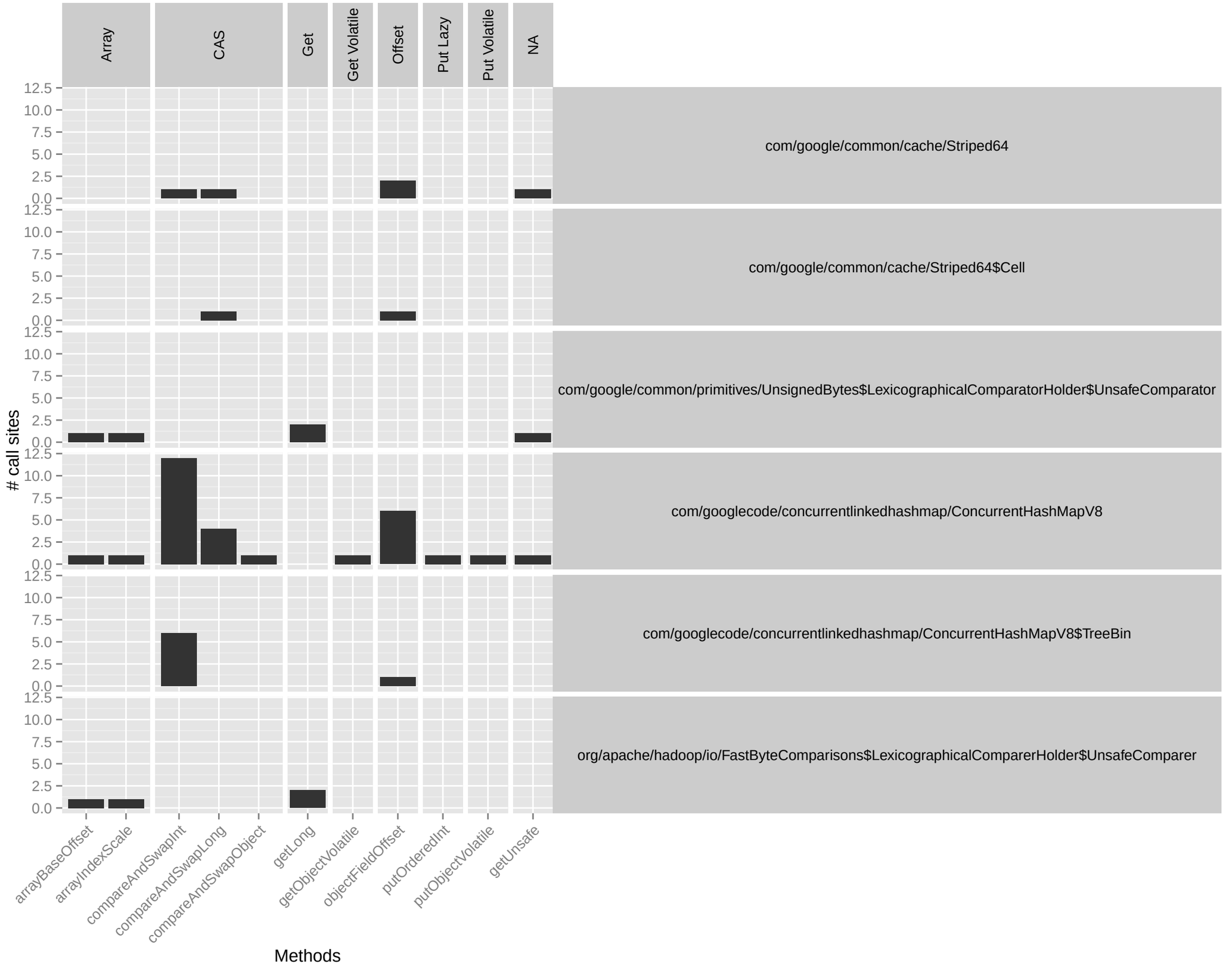

org.apache.servicemix.bundles:org.apache.servicemix.bundles.scala−library (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods


org.apache.servicemix.bundles:org.apache.servicemix.bundles.xstream−1.2.2 (NA)
Offset
Put
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

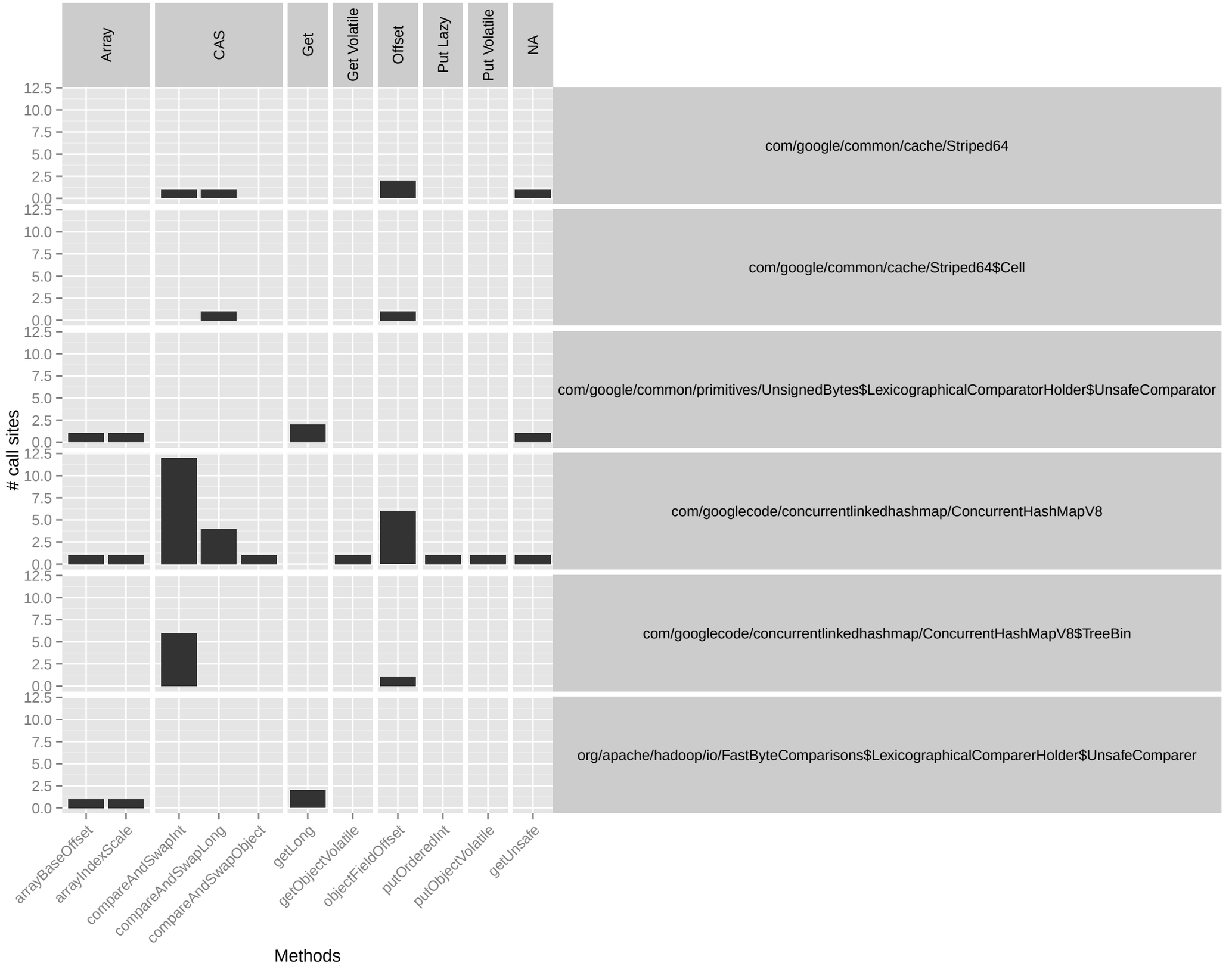

org.apache.shindig:shindig−uber (NA)
Array
Get
org/apache/shindig/internal/cgc/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods


org.apache.sling:org.apache.sling.extensions.gwt.servlet (NA)
Alloc
Array
Get
Offset
Put
com/google/gwt/rpc/server/CommandSerializationUtil
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$1
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$10
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$2
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$3
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$4
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$5
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$6
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$7
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$8
com/google/gwt/rpc/server/CommandSerializationUtil$TypeAccessor$9
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

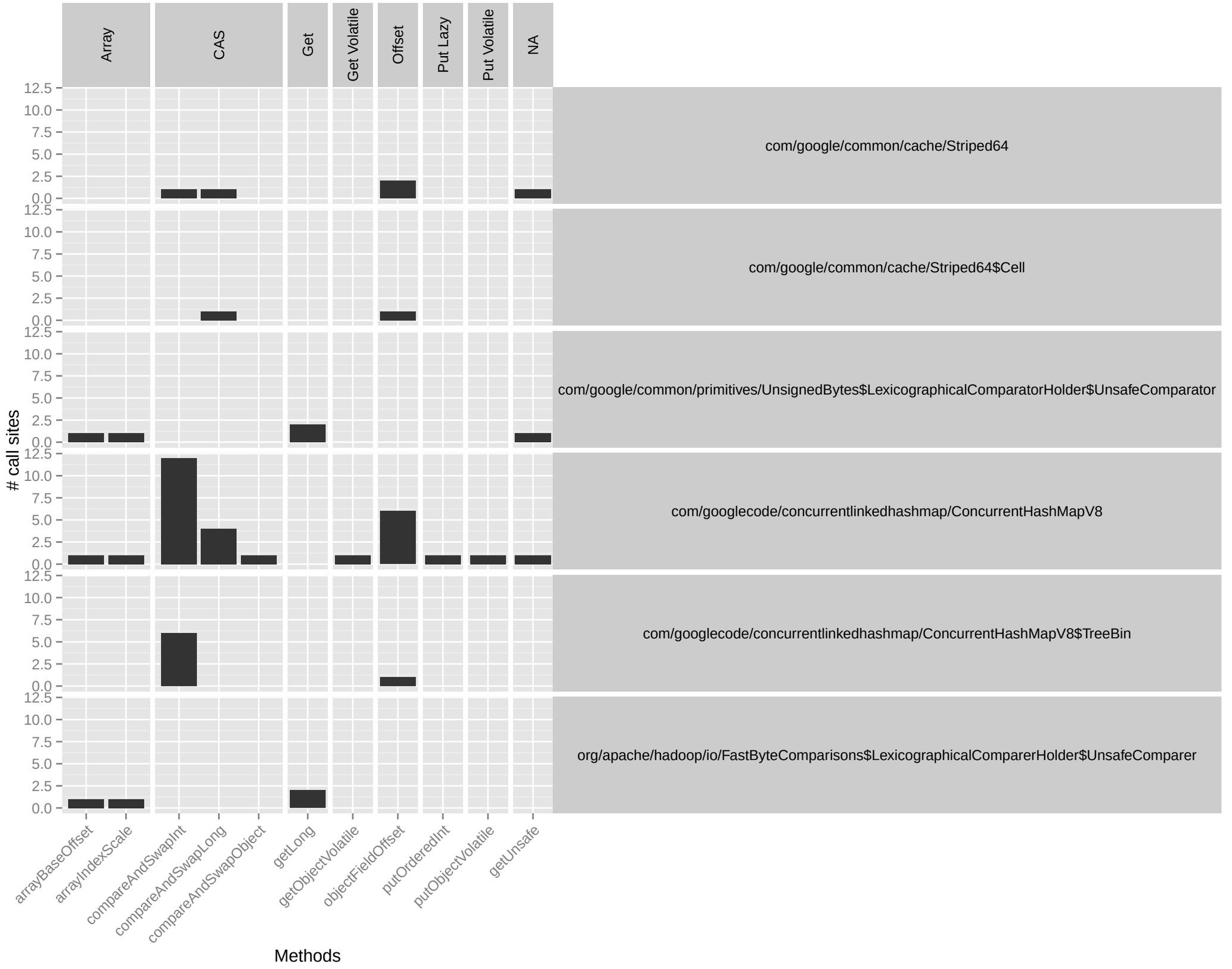
org.apache.stanbol:org.apache.stanbol.entityhub.indexing.dblp (NA)

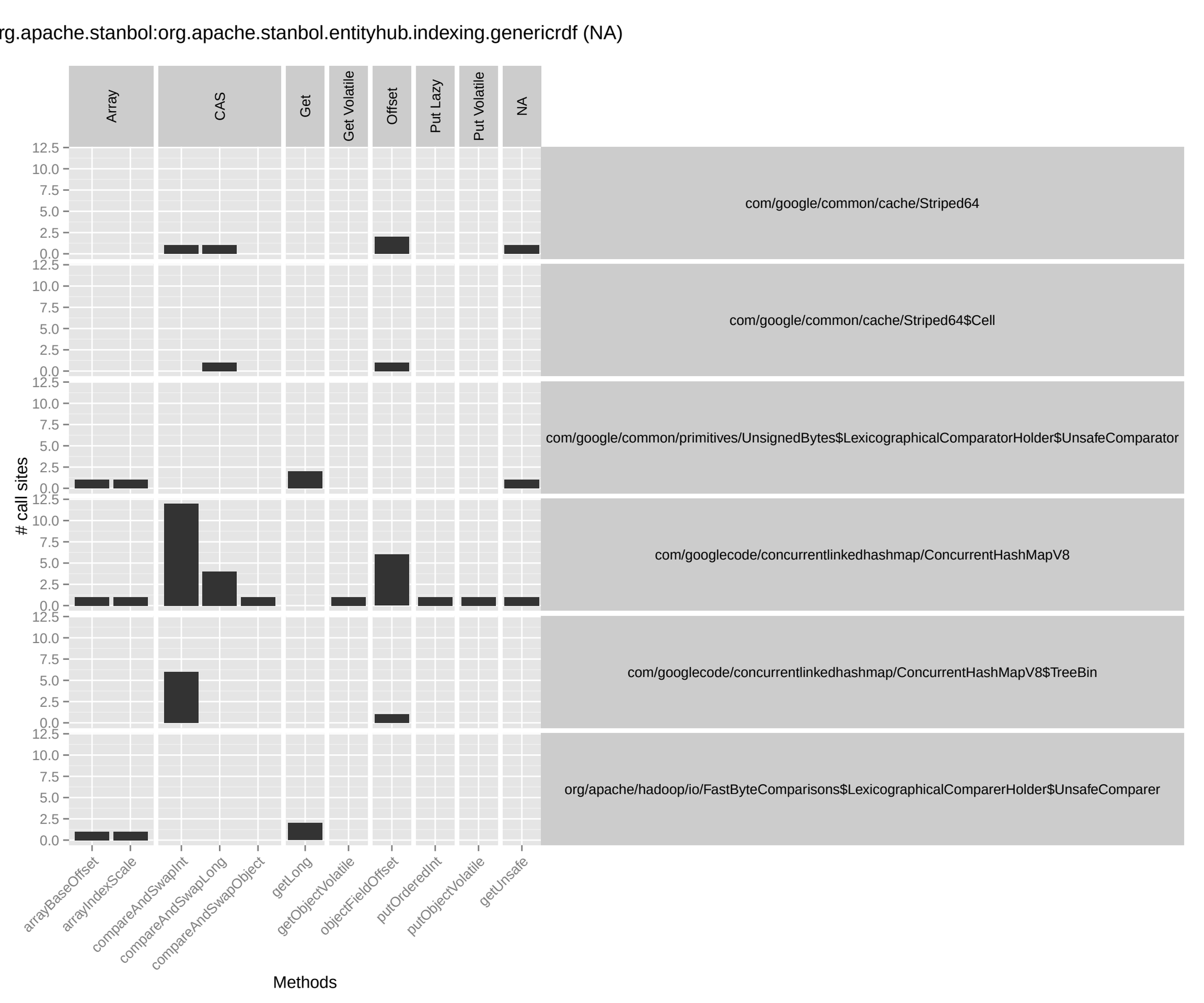


org.apache.stanbol:org.apache.stanbol.entityhub.indexing.dbpedia (NA)

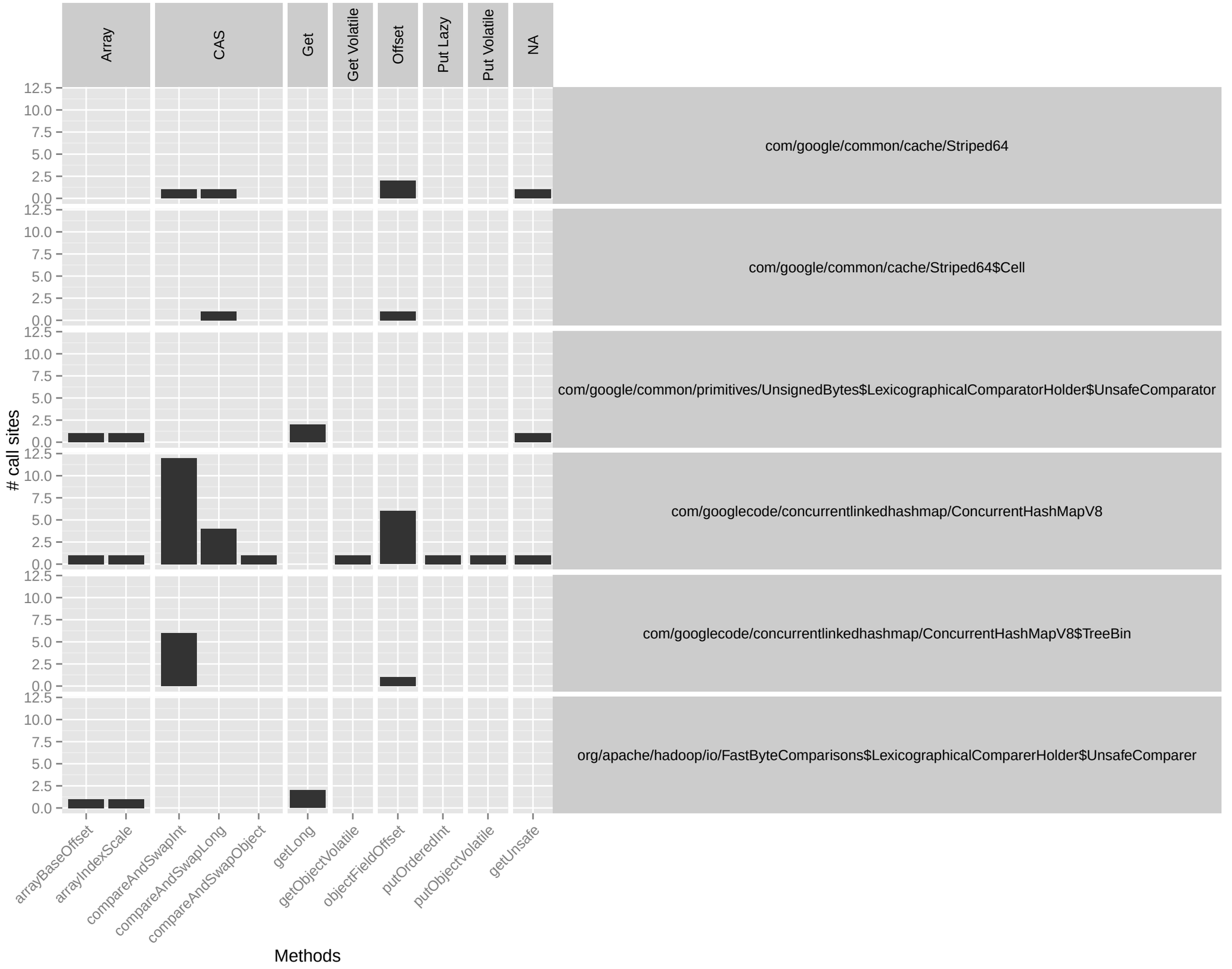


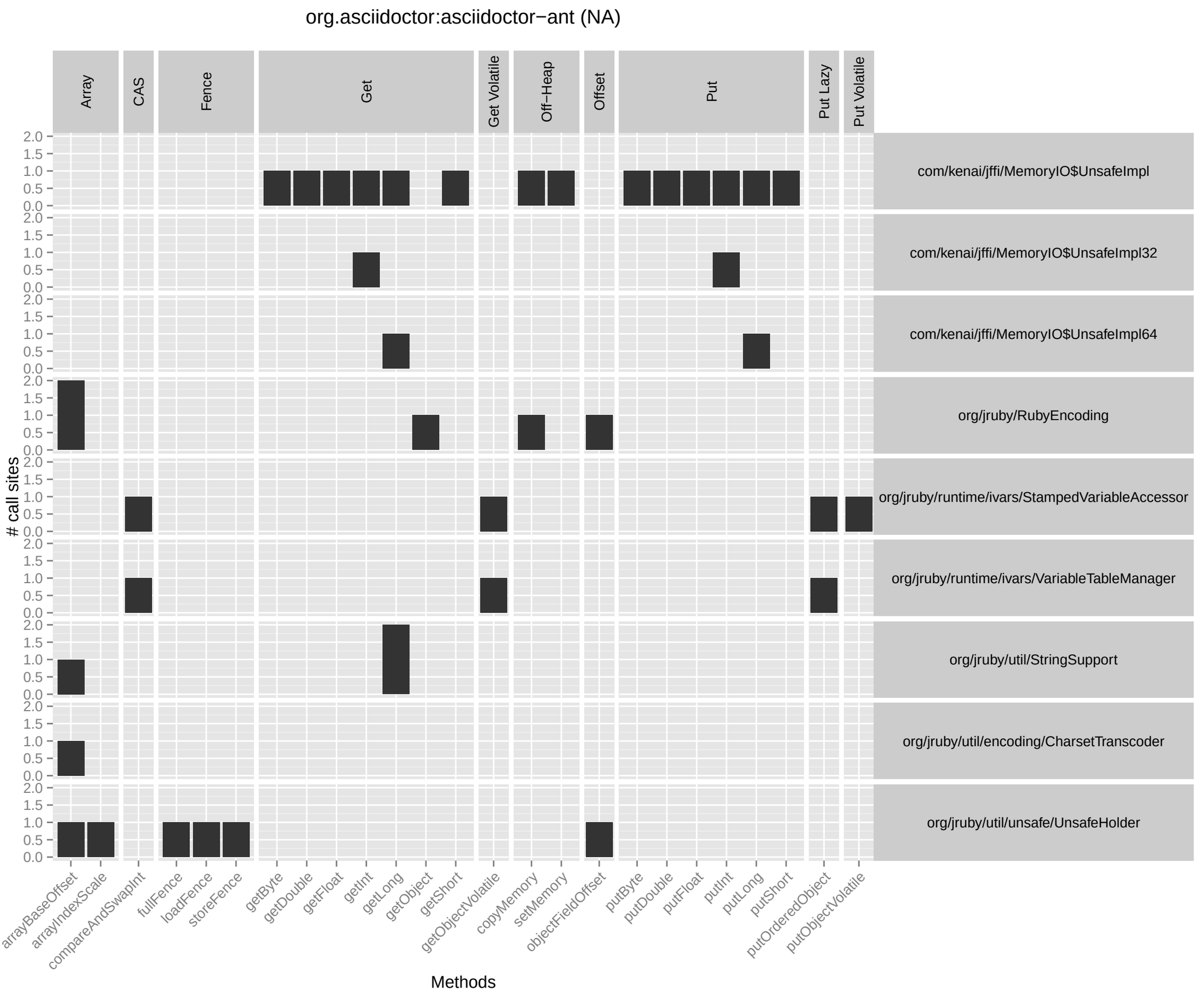
org.apache.stanbol:org.apache.stanbol.entityhub.indexing.freebase (NA)

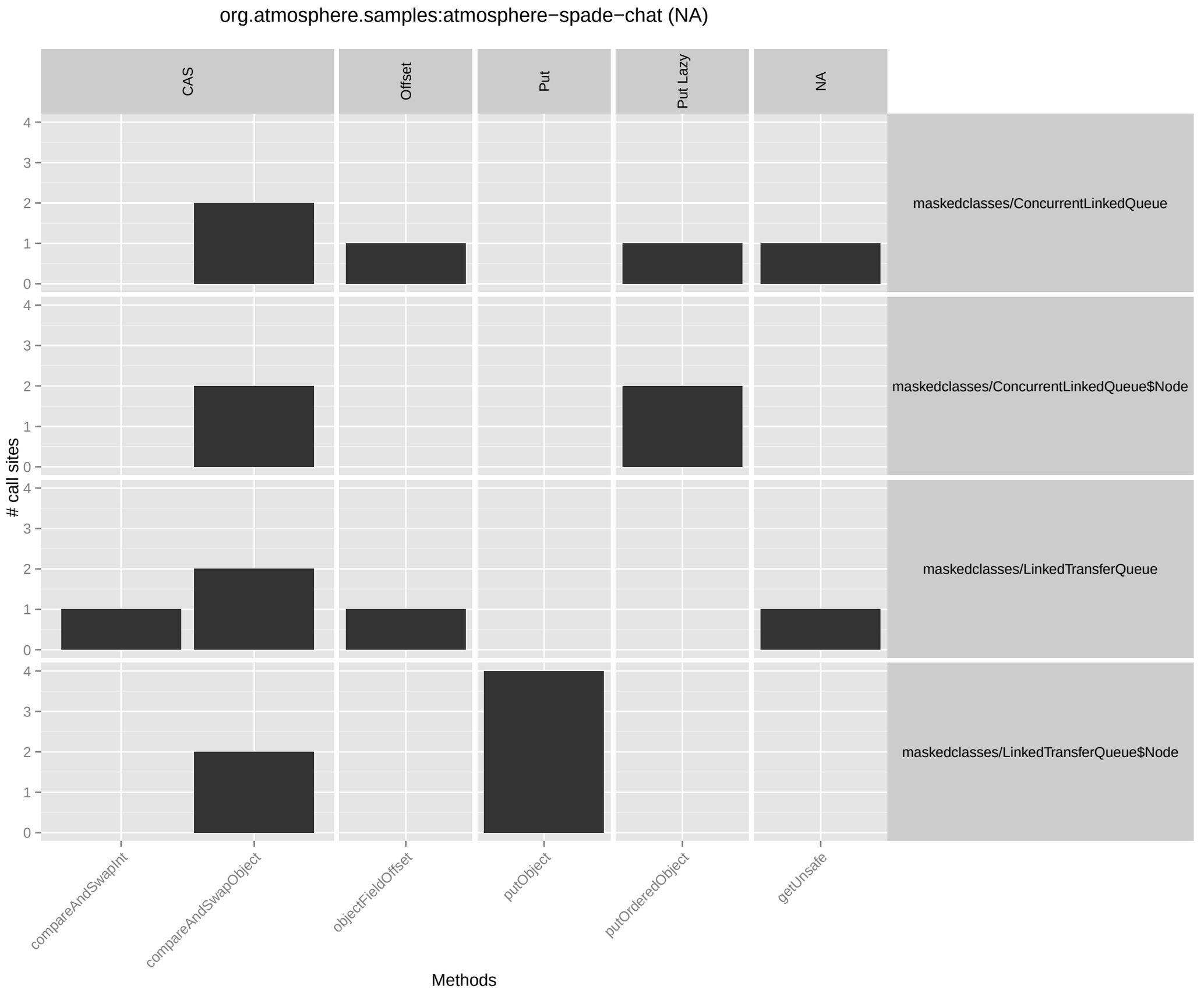


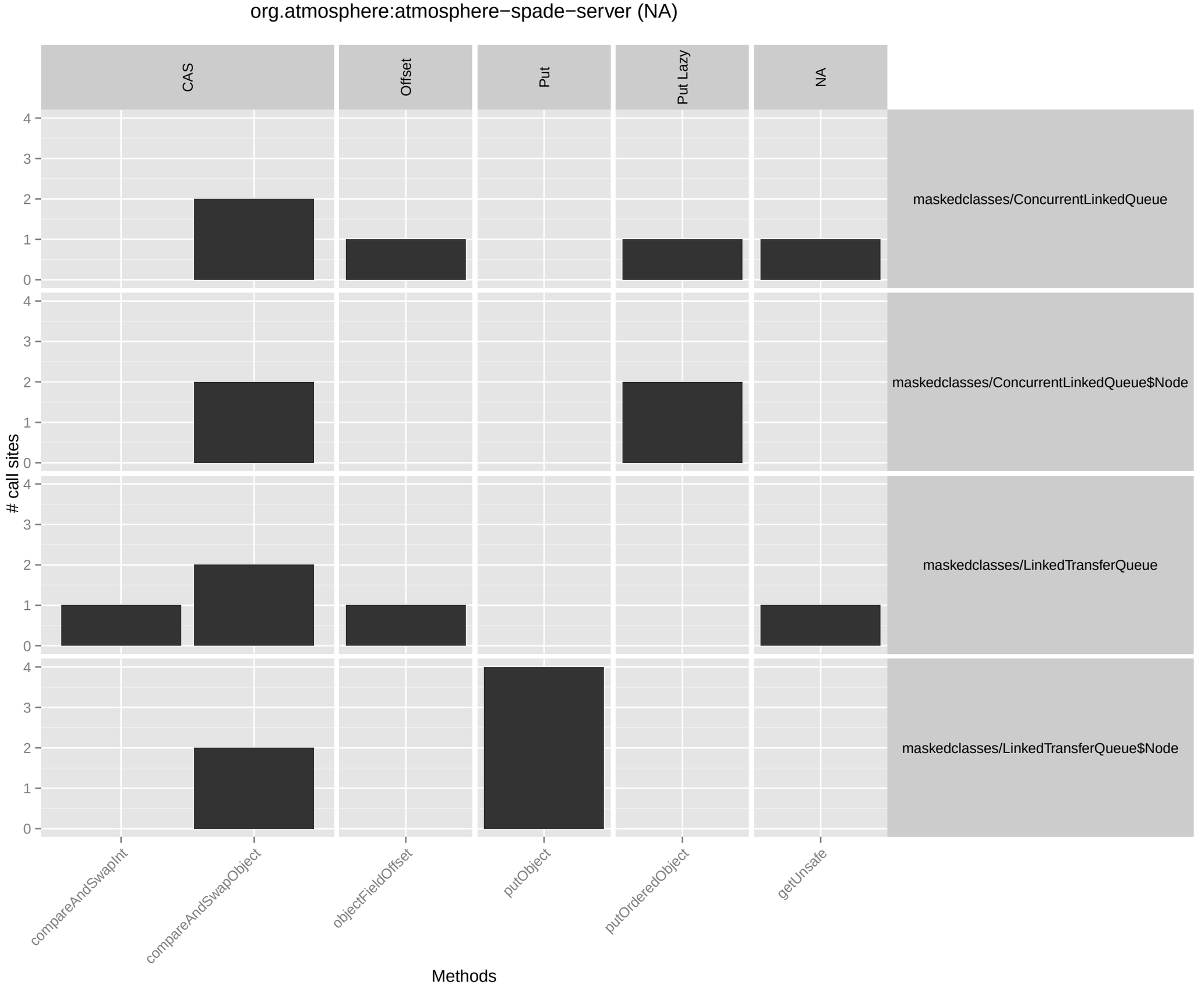

rg.apache.stanbol:org.apache.stanbol.entityhub.indexing.genericrdf (NA)
Array
CAS
Get
Get Volatile
Offset
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8
com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8$TreeBin
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

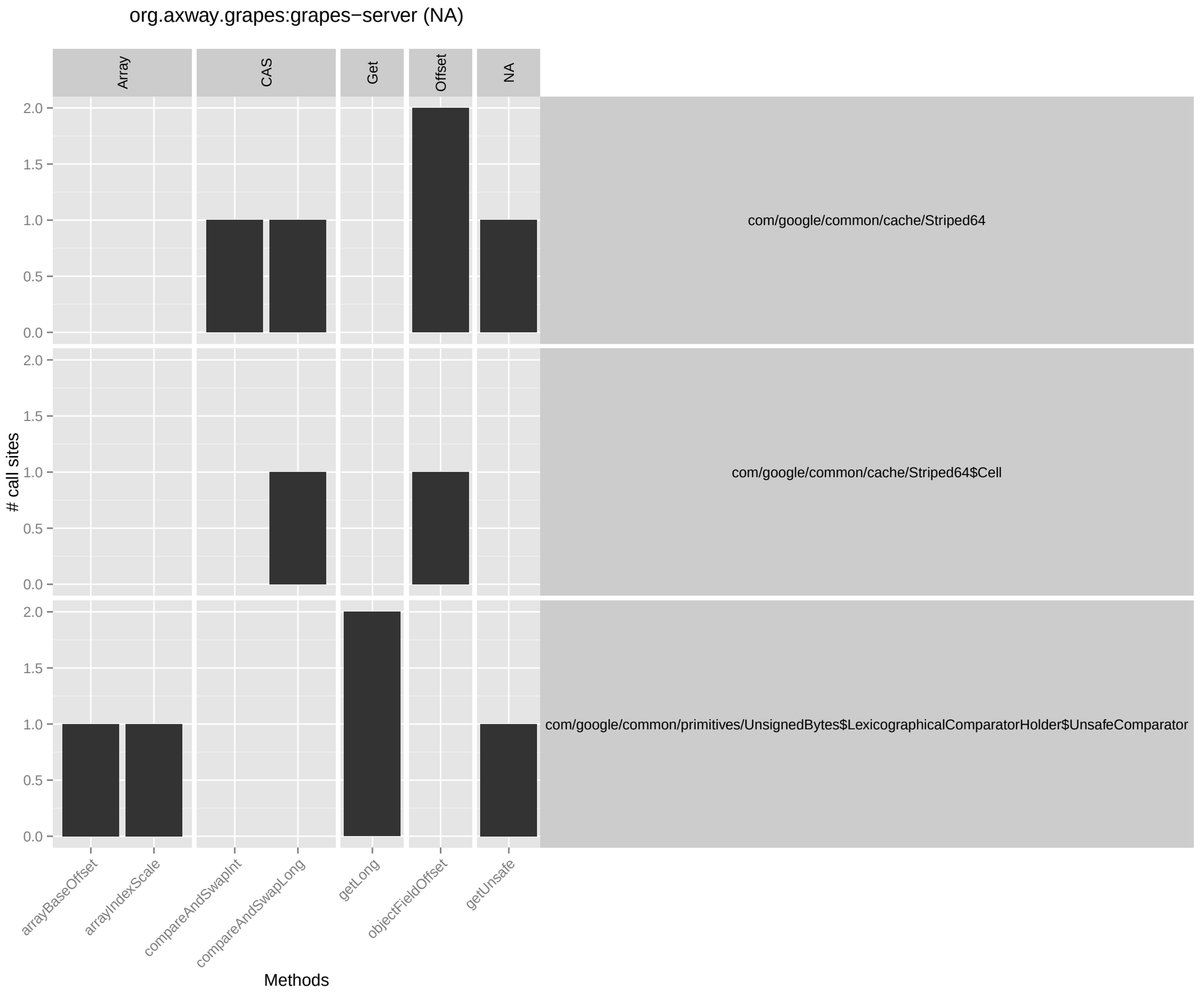
rg.apache.stanbol:org.apache.stanbol.entityhub.indexing.geonames (NA)

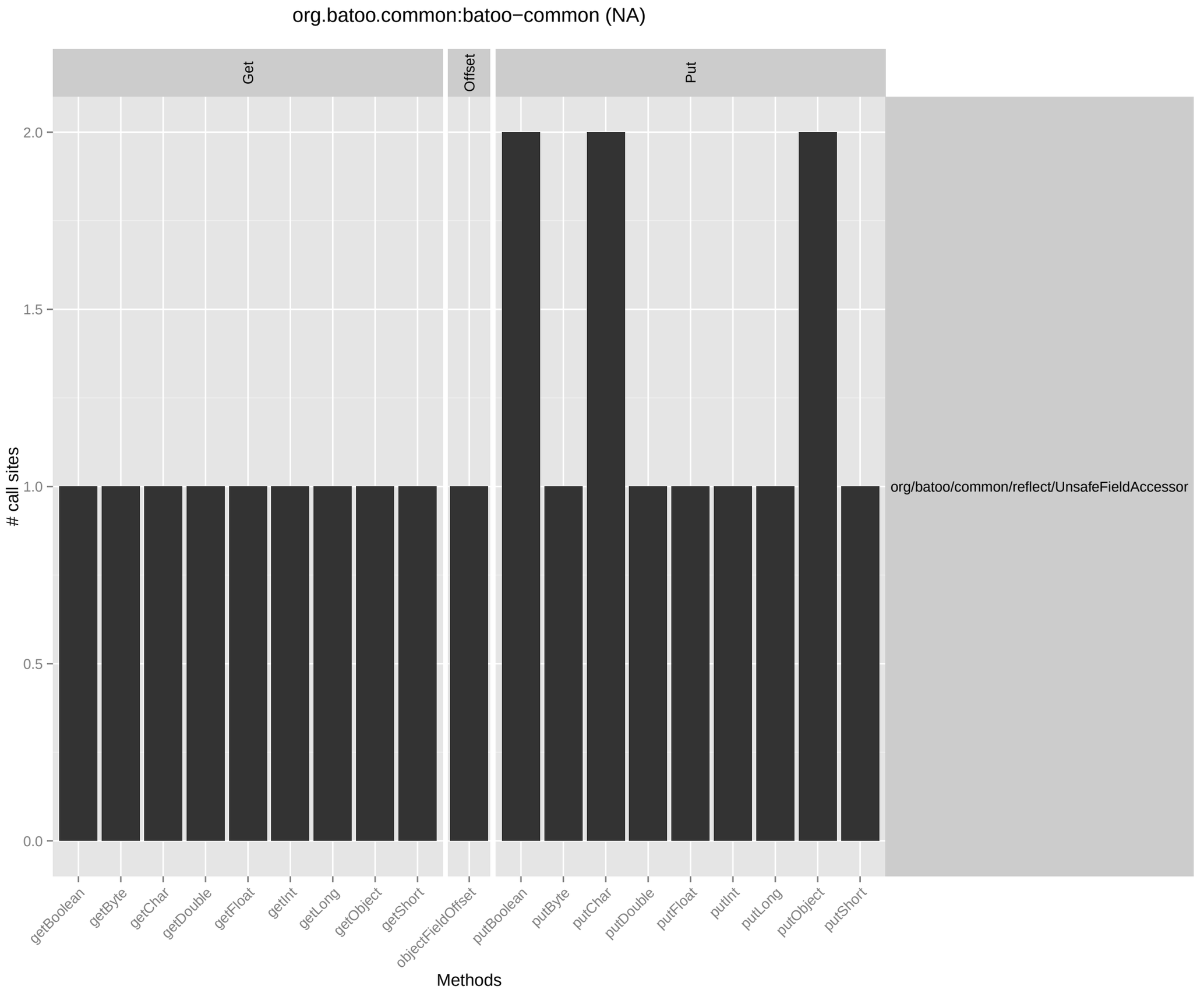


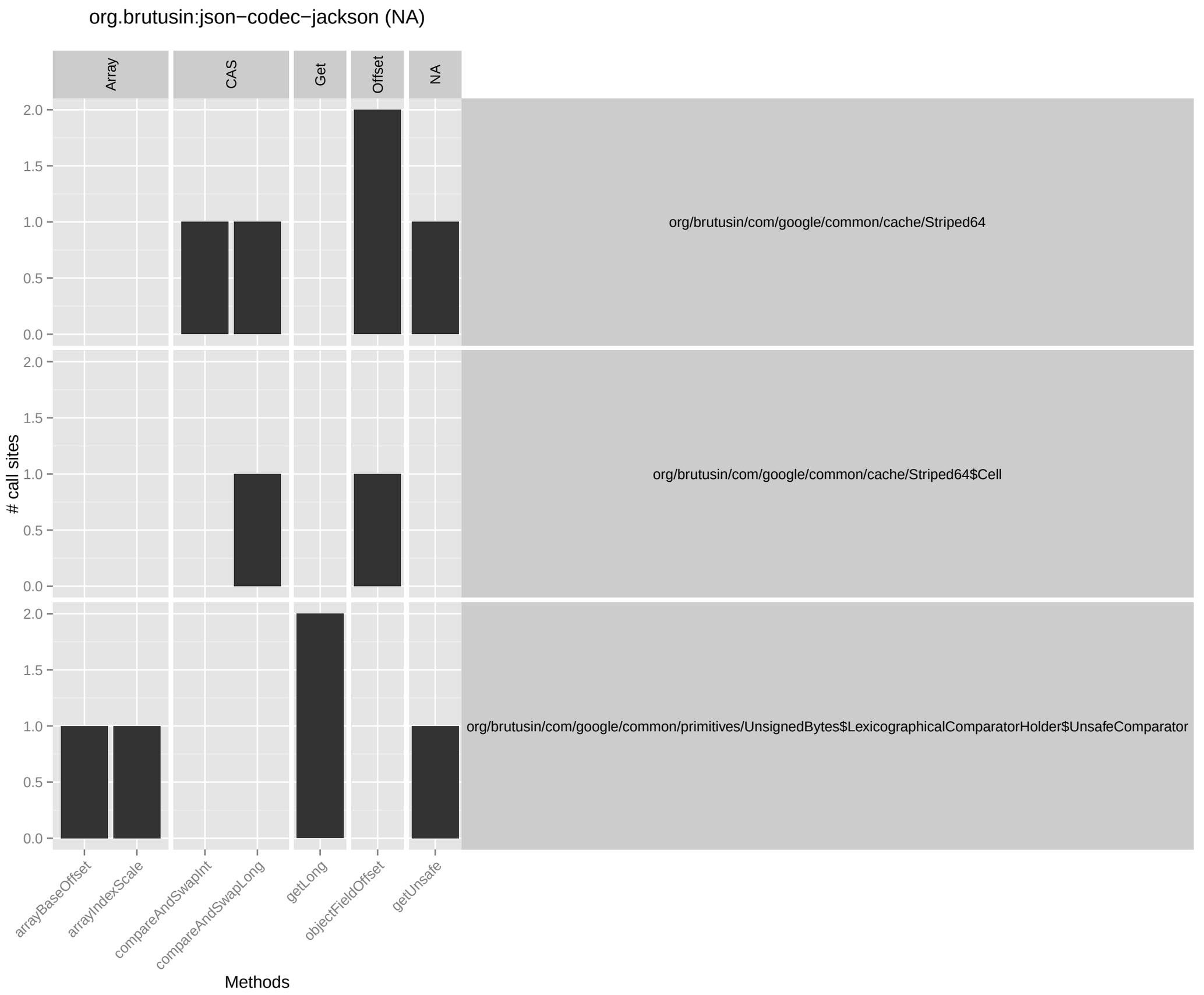

org.asciidoctor:asciidoctor−ant (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
Methods

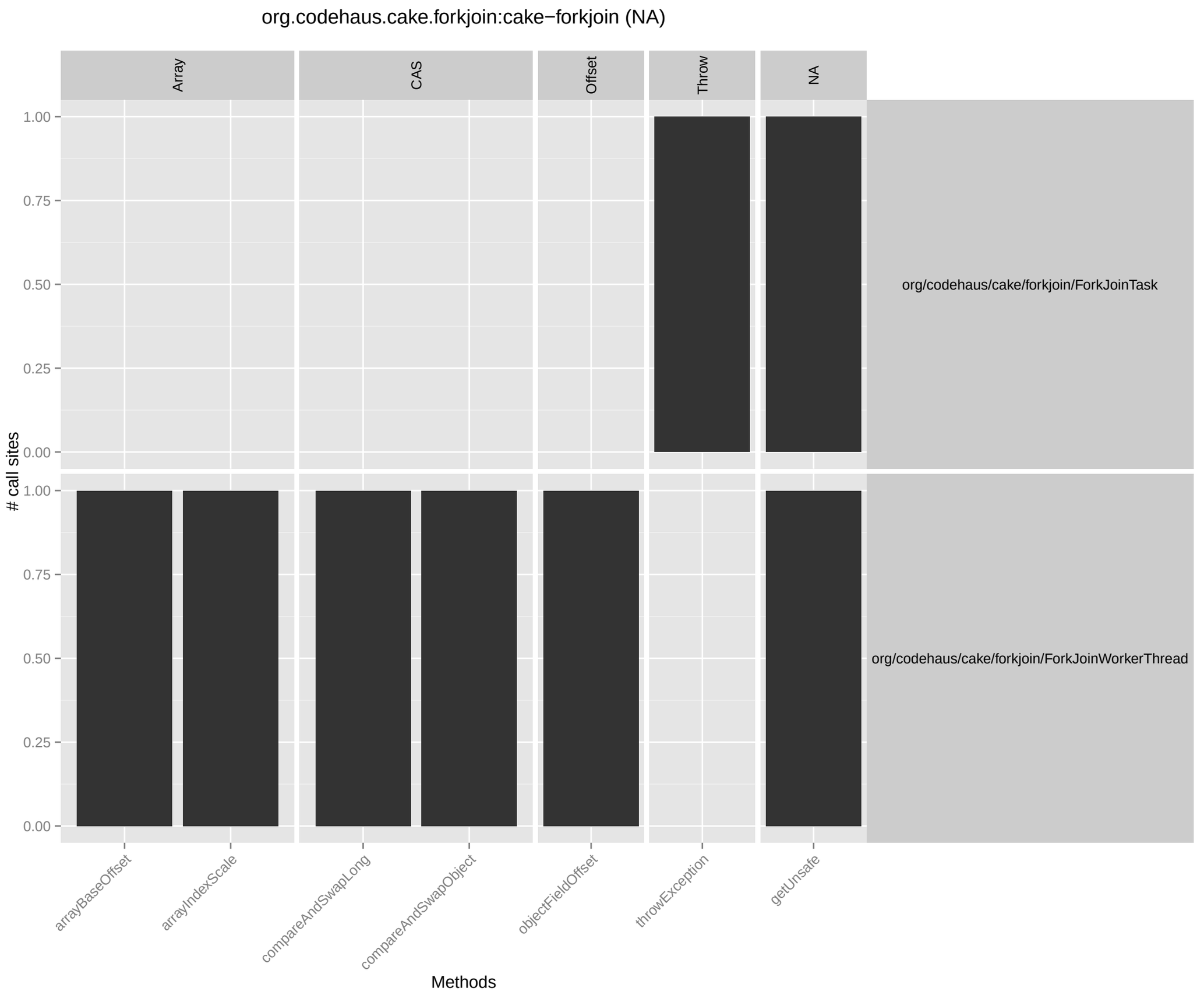

org.atmosphere.samples:atmosphere−spade−chat (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

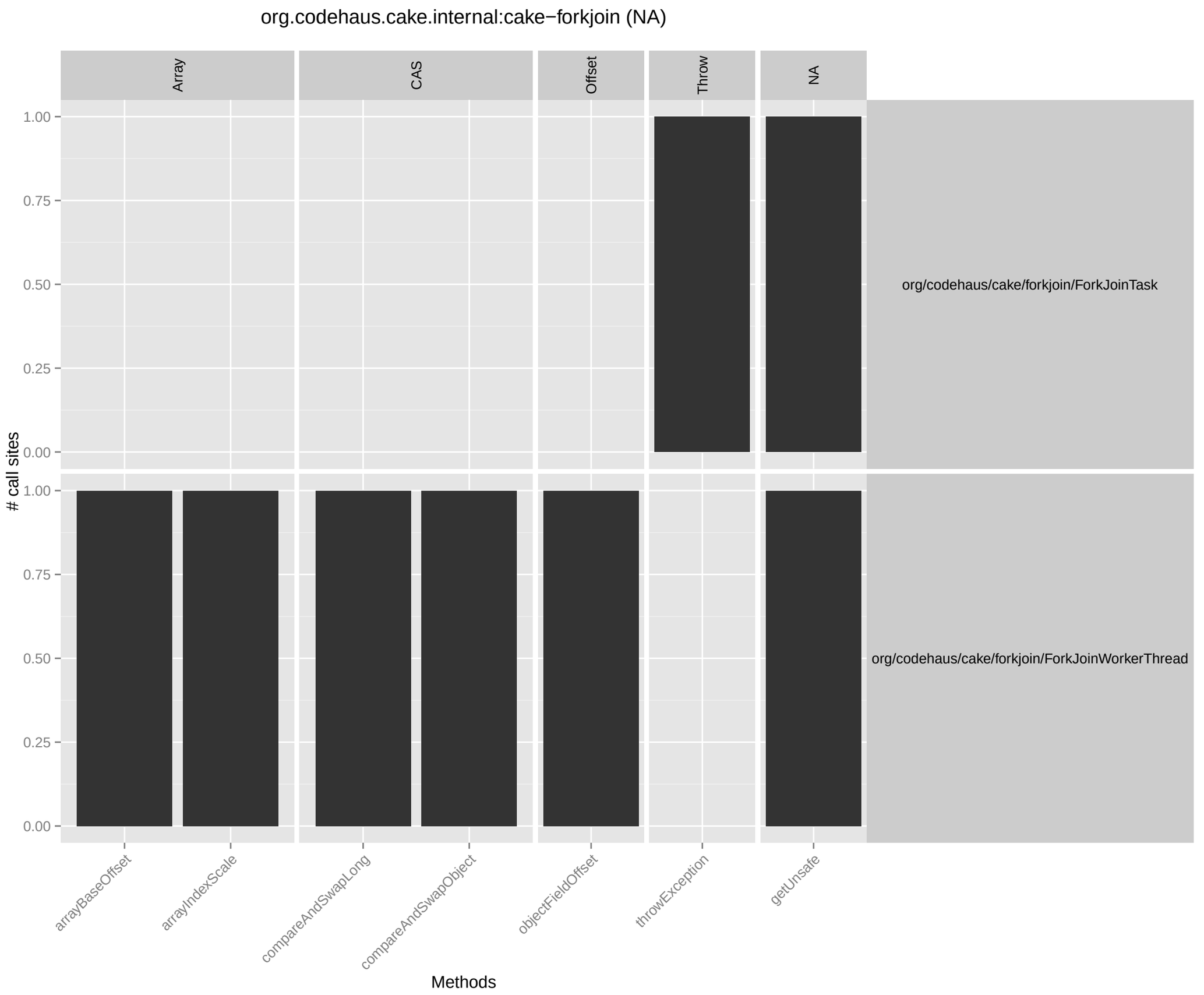

org.atmosphere:atmosphere−spade−server (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

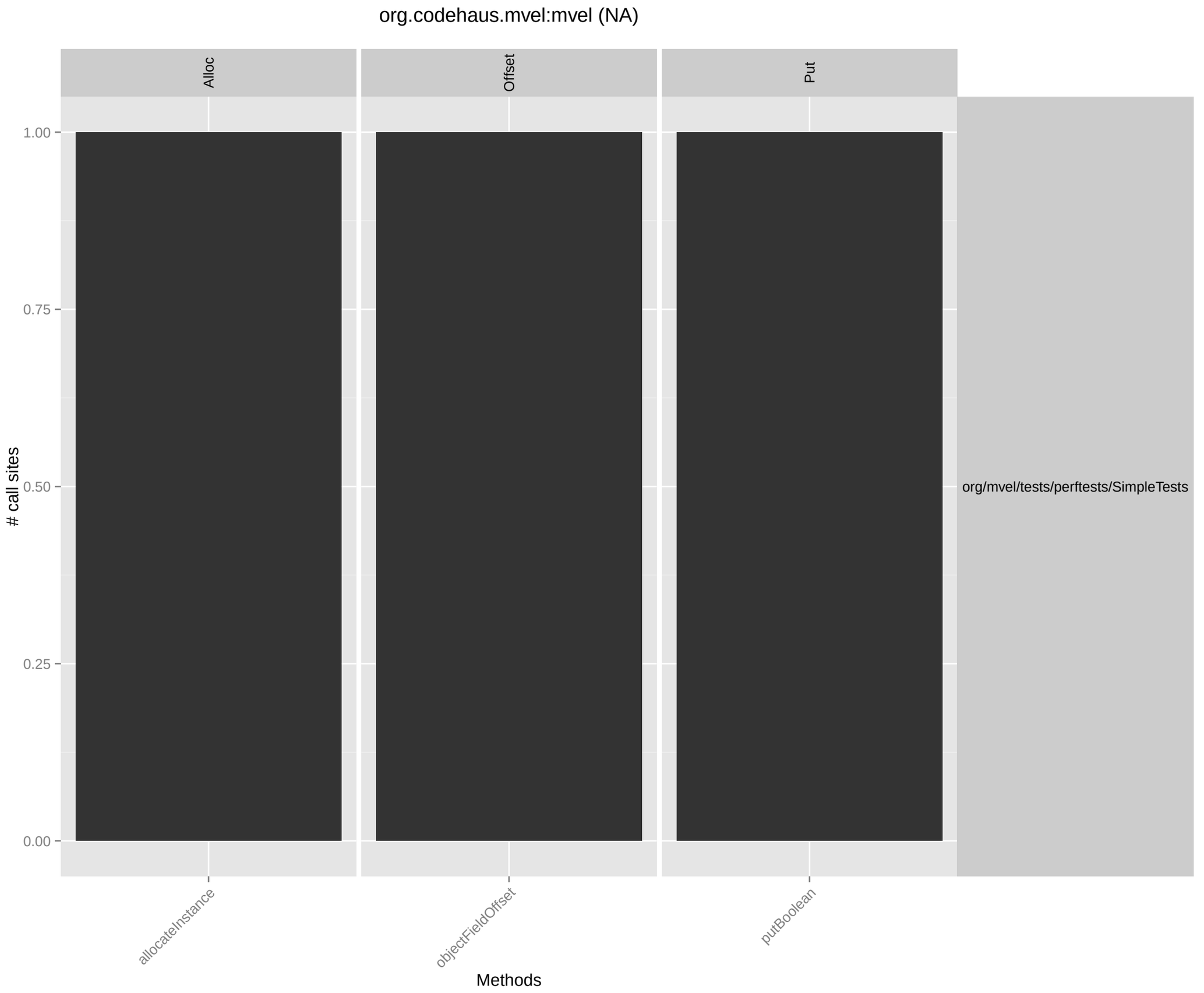

org.axway.grapes:grapes−server (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

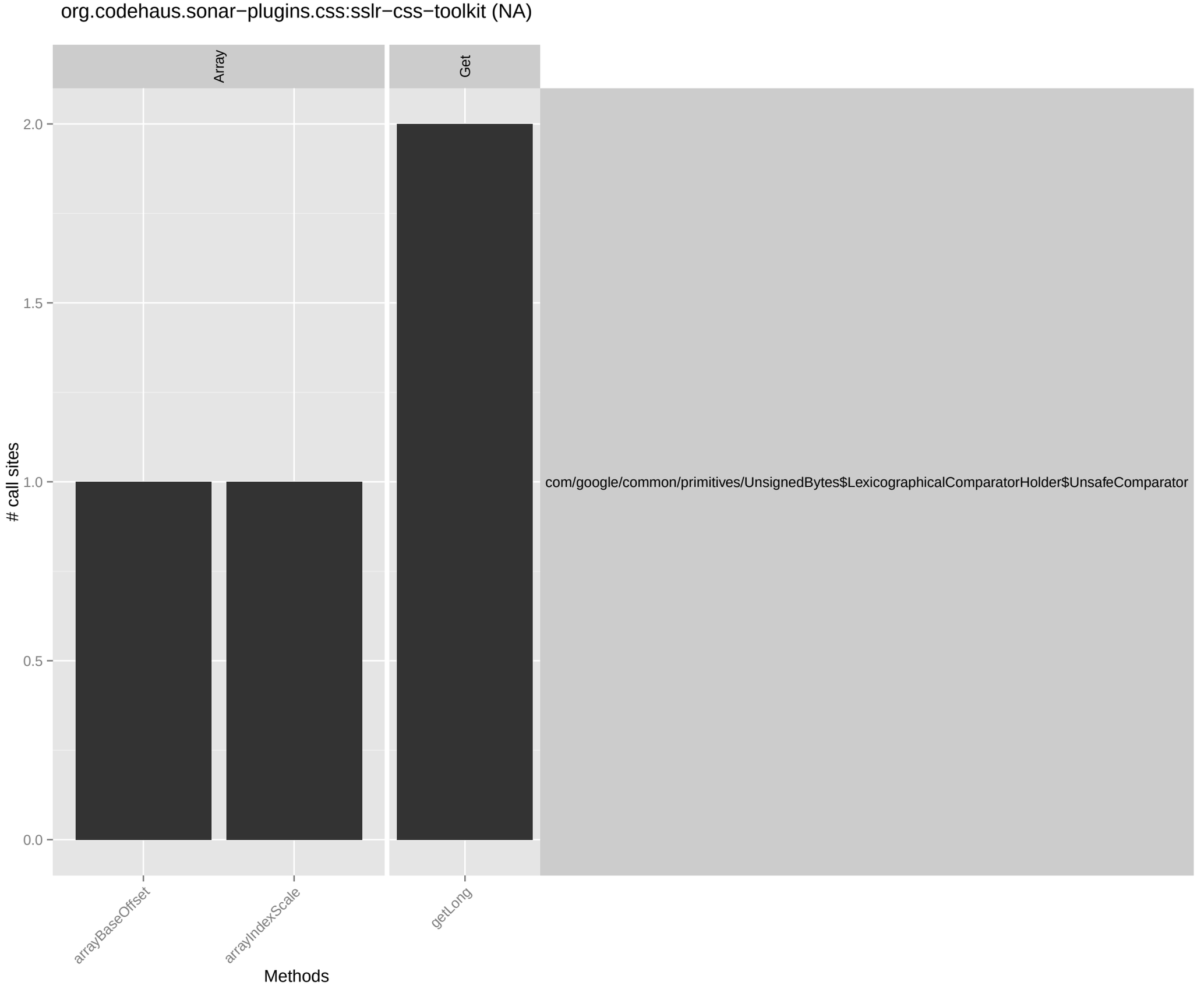

org.batoo.common:batoo−common (NA)
Get
Offset
Put
org/batoo/common/reflect/UnsafeFieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

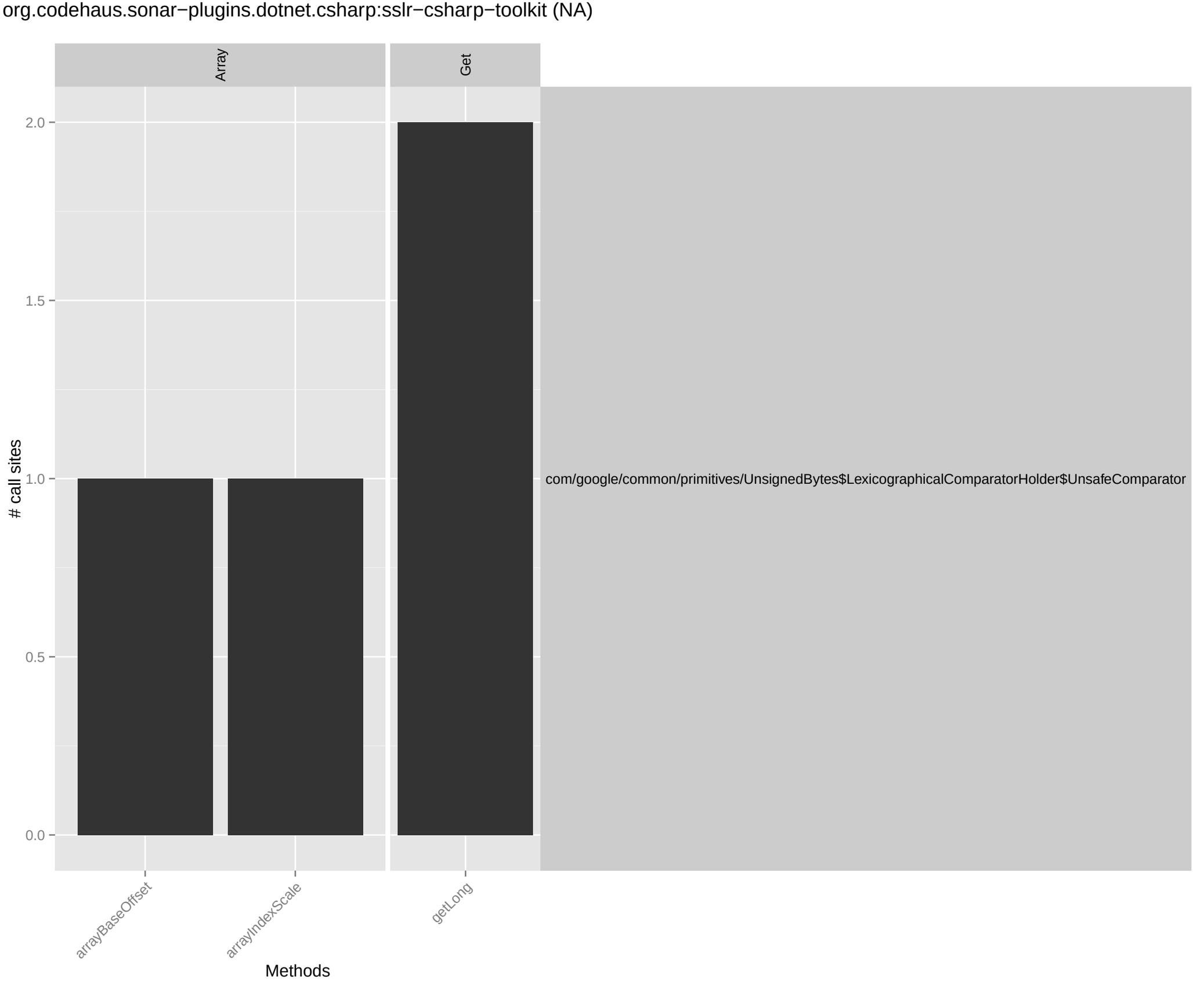

org.brutusin:json−codec−jackson (NA)
Array
CAS
Get
Offset
NA
org/brutusin/com/google/common/cache/Striped64
org/brutusin/com/google/common/cache/Striped64$Cell
org/brutusin/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

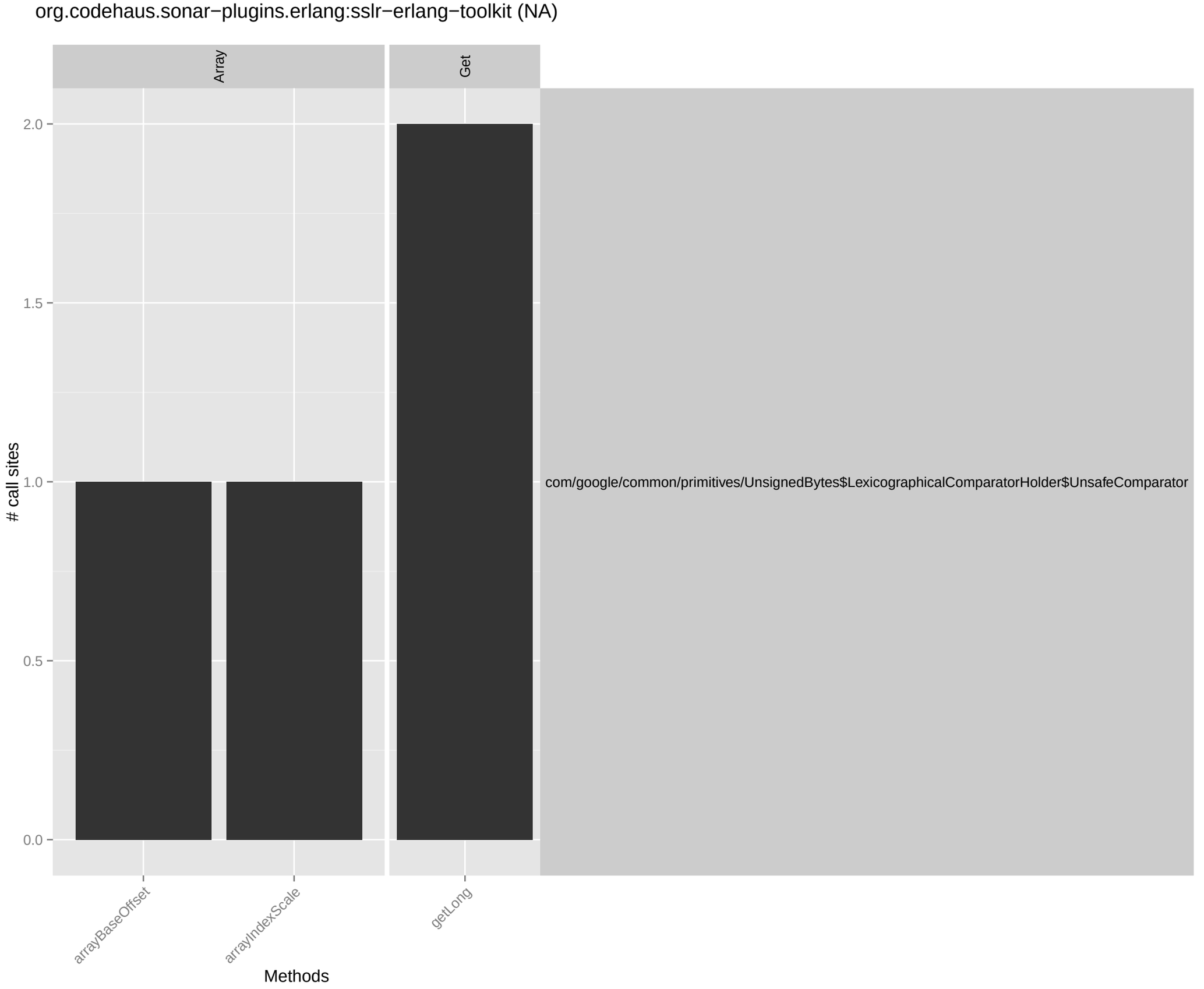

org.codehaus.cake.forkjoin:cake−forkjoin (NA)
Array
CAS
Offset
Throw
NA
org/codehaus/cake/forkjoin/ForkJoinTask
org/codehaus/cake/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

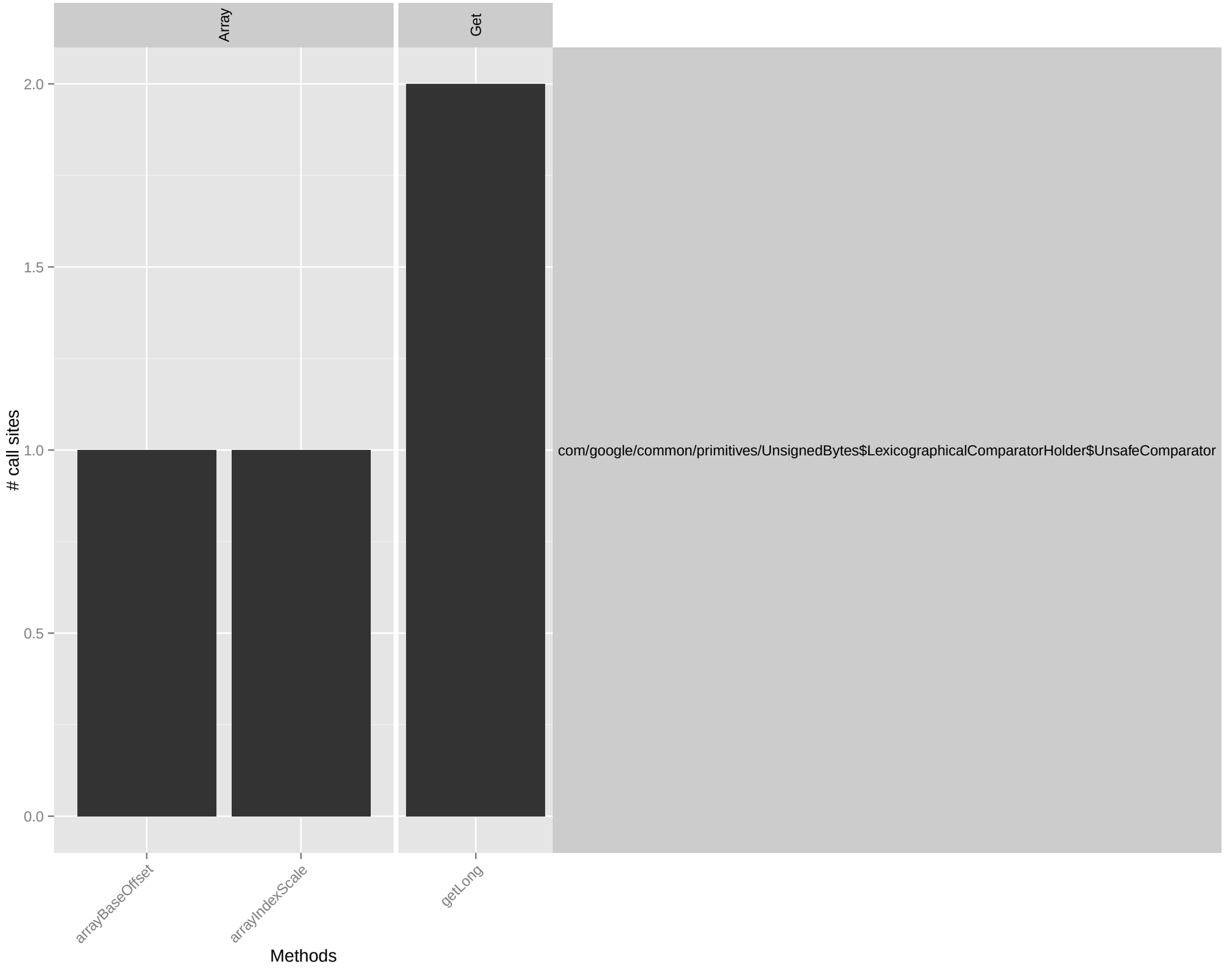

org.codehaus.cake.internal:cake−forkjoin (NA)
Array
CAS
Offset
Throw
NA
org/codehaus/cake/forkjoin/ForkJoinTask
org/codehaus/cake/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

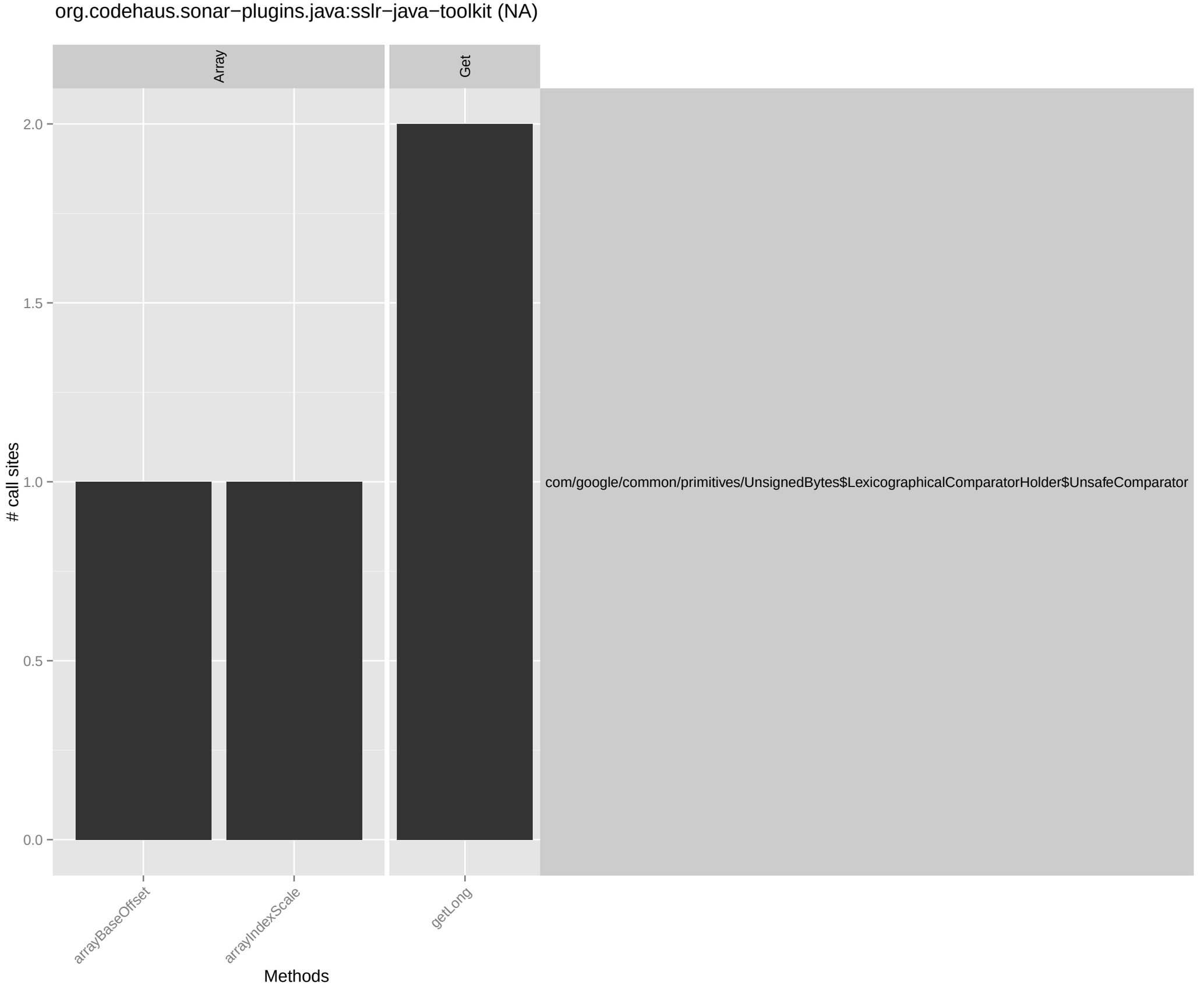

org.codehaus.mvel:mvel (NA)
Alloc
Offset
Put
org/mvel/tests/perftests/SimpleTests
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
objectFieldOffset
putBoolean
Methods

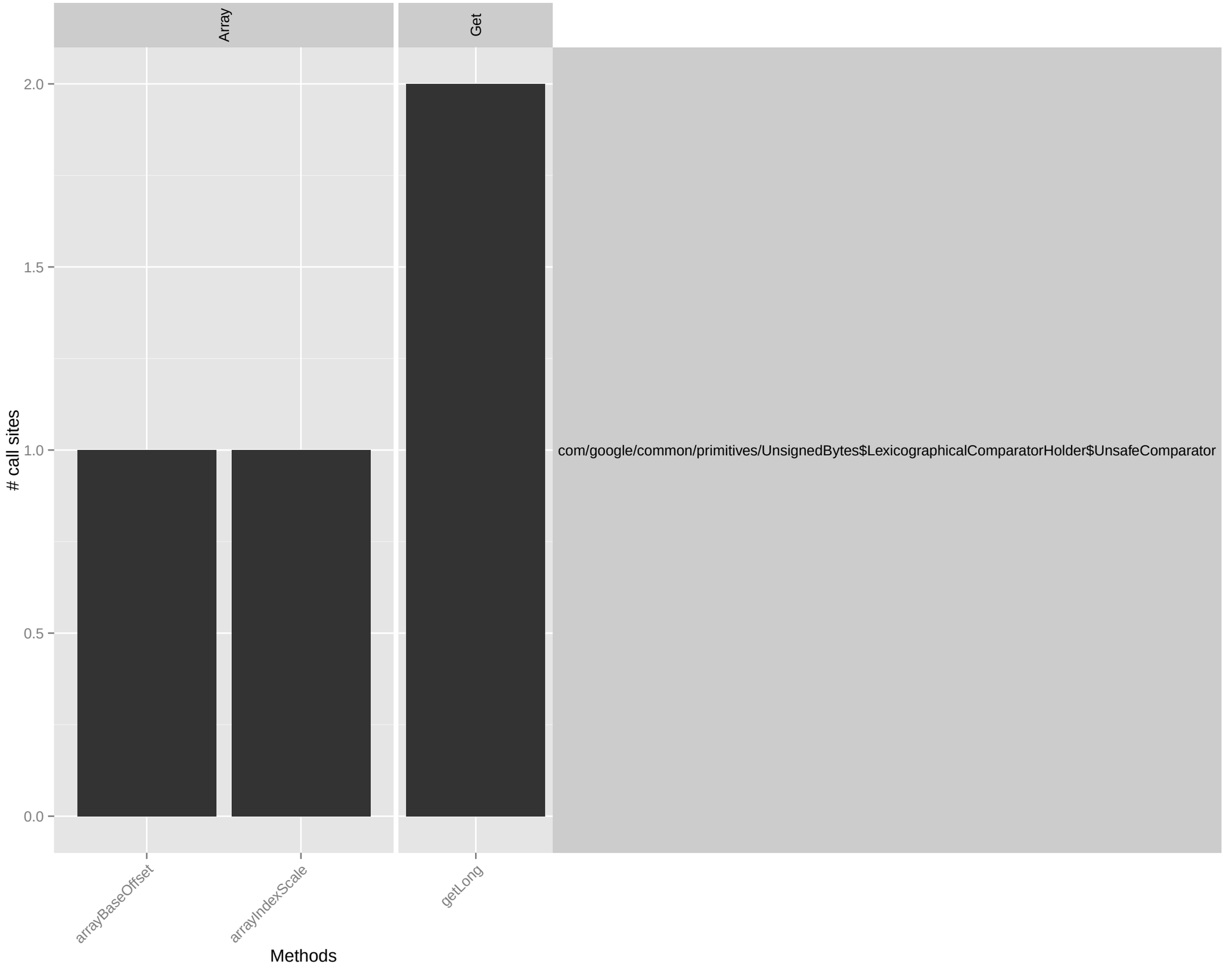

org.codehaus.sonar−plugins.css:sslr−css−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

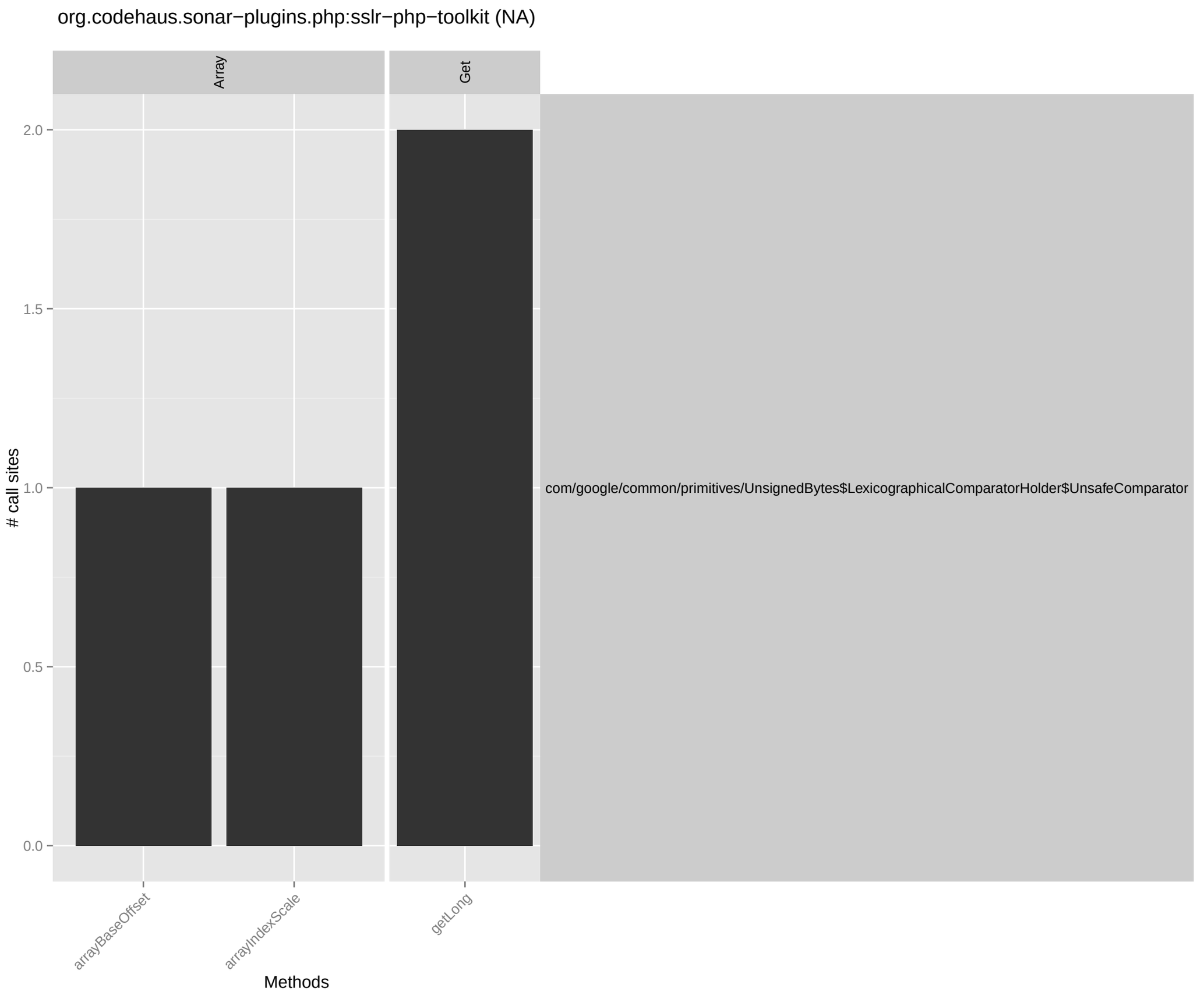

org.codehaus.sonar−plugins.dotnet.csharp:sslr−csharp−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

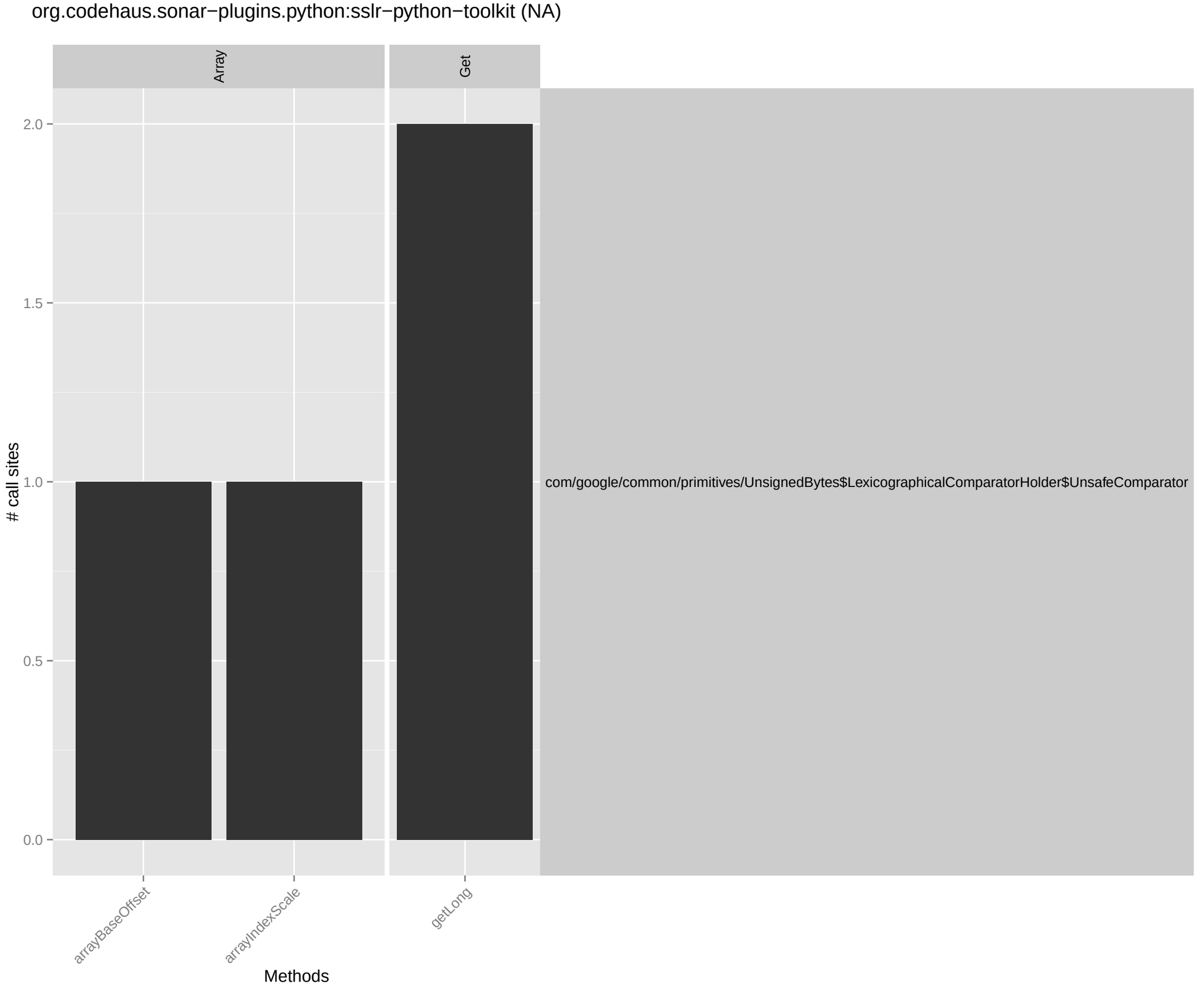

org.codehaus.sonar−plugins.erlang:sslr−erlang−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

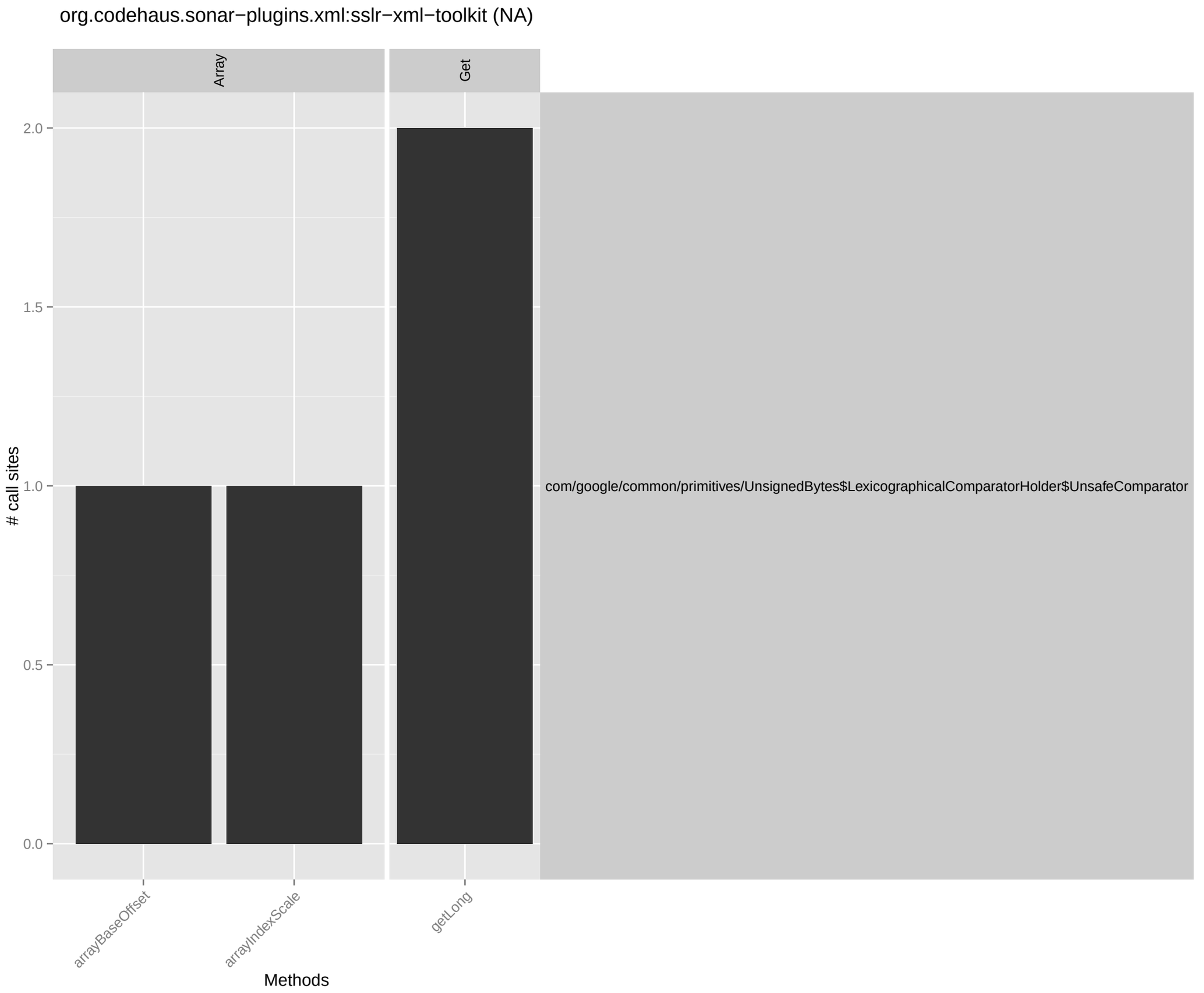

org.codehaus.sonar−plugins.flex:sslr−flex−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

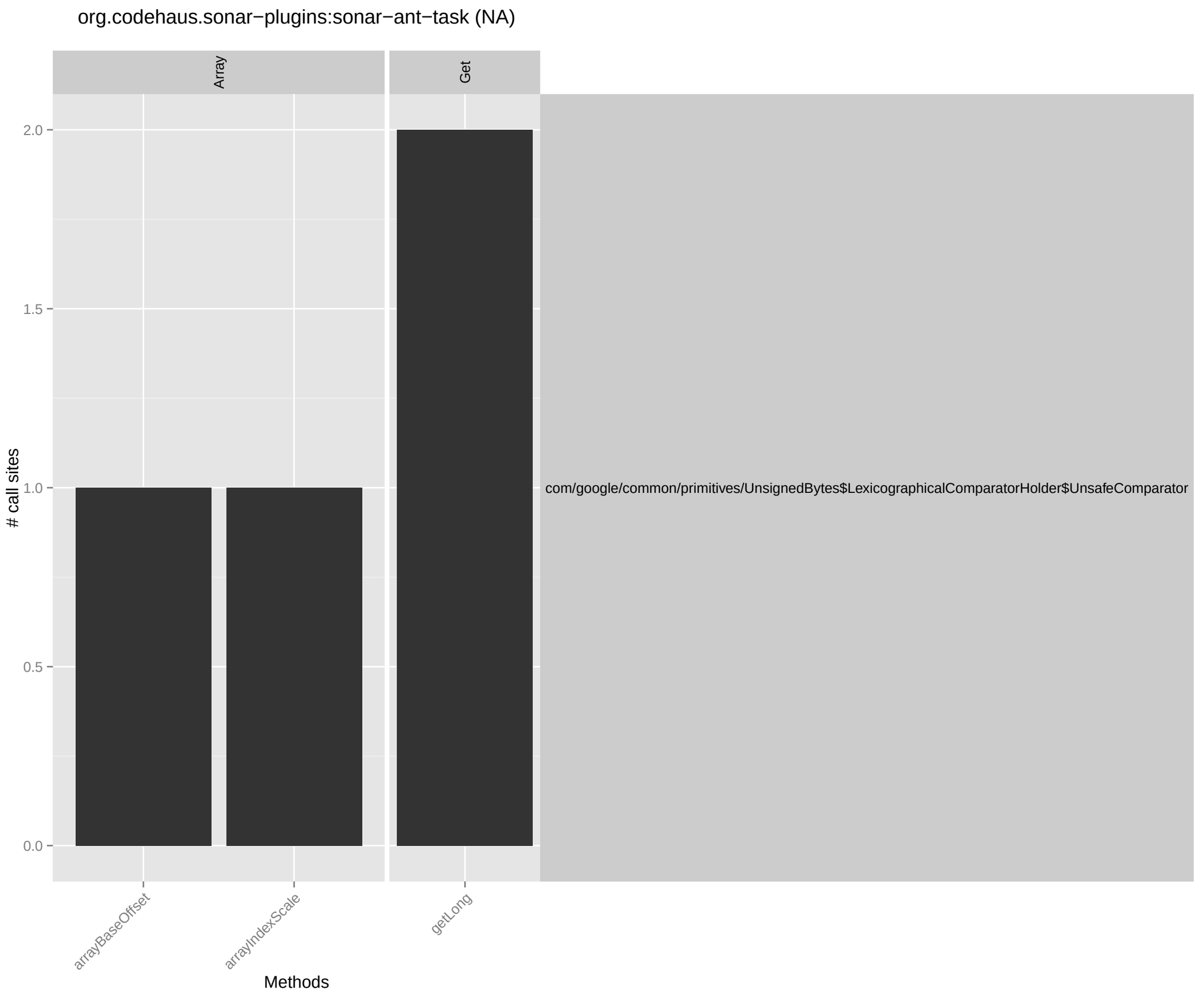

org.codehaus.sonar−plugins.java:sslr−java−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

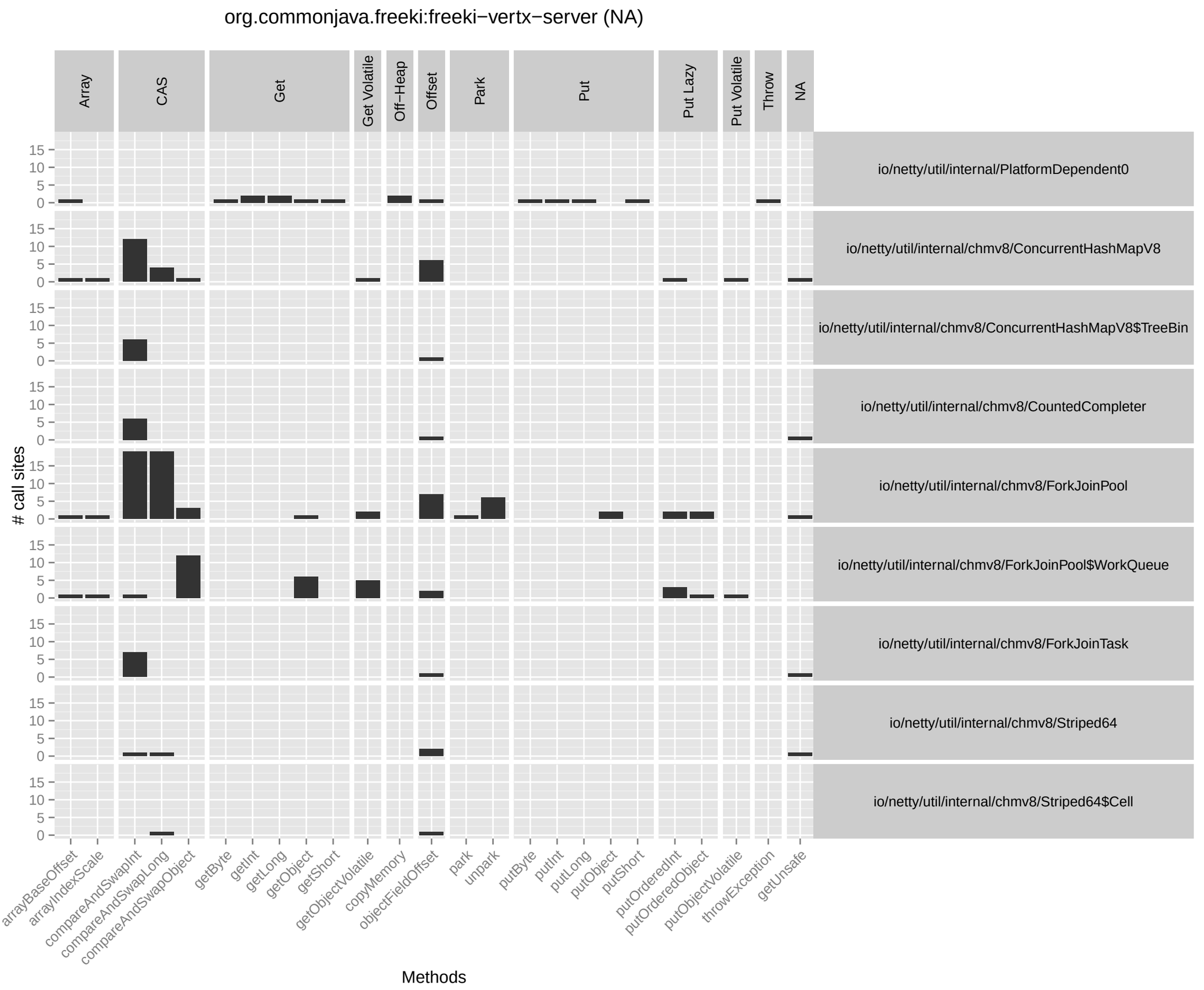

org.codehaus.sonar−plugins.javascript:sslr−javascript−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

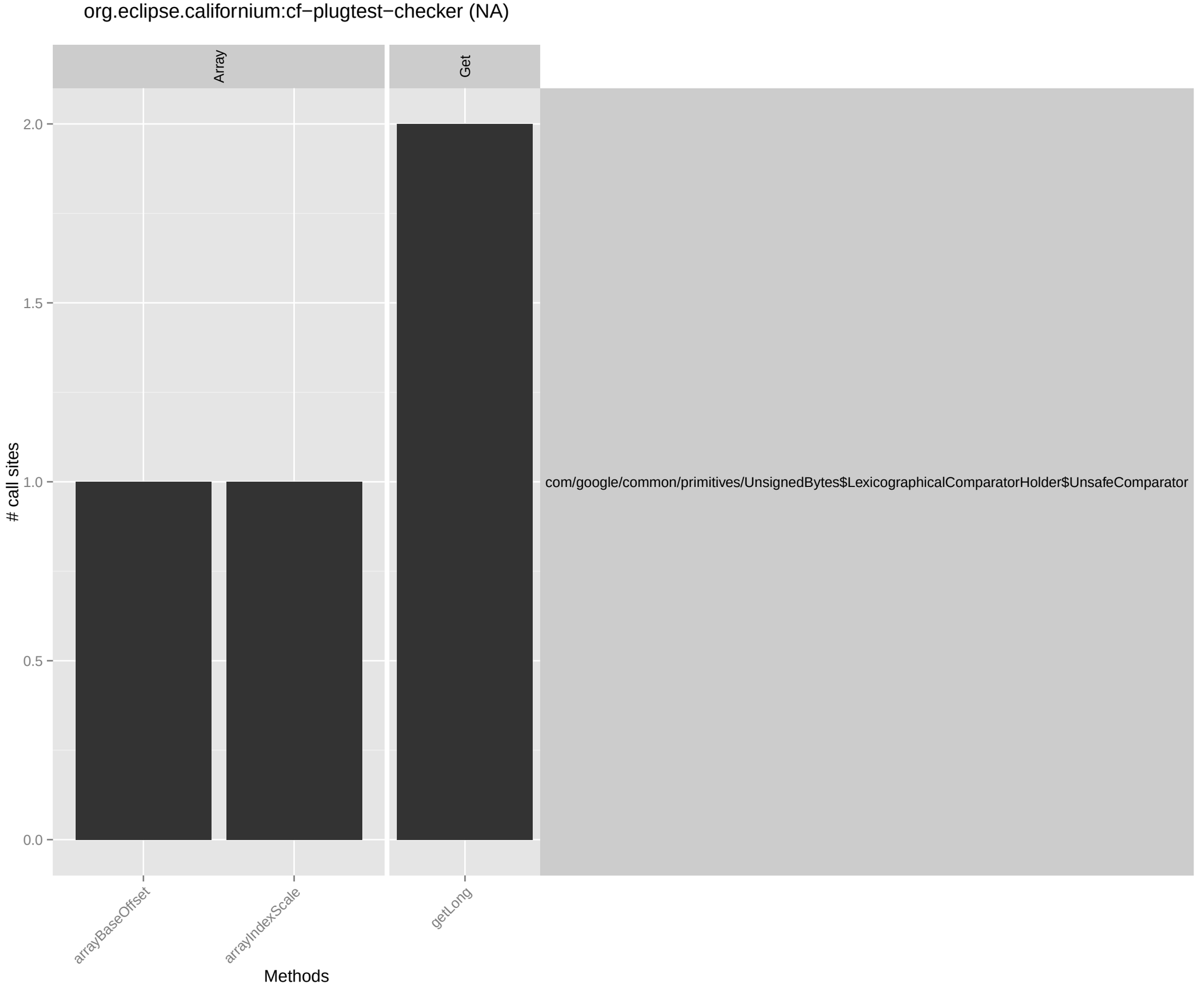

org.codehaus.sonar−plugins.php:sslr−php−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

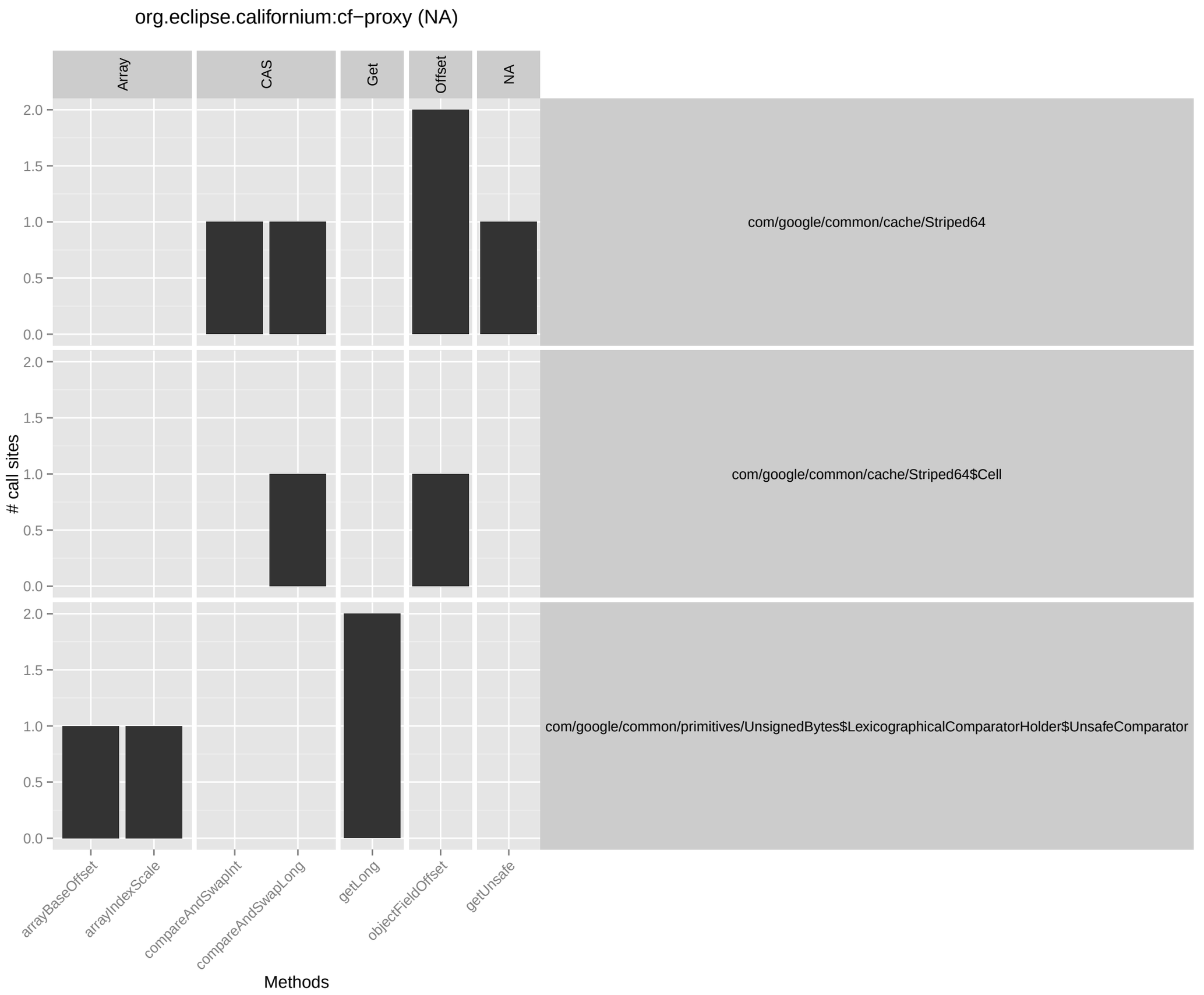

org.codehaus.sonar−plugins.python:sslr−python−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

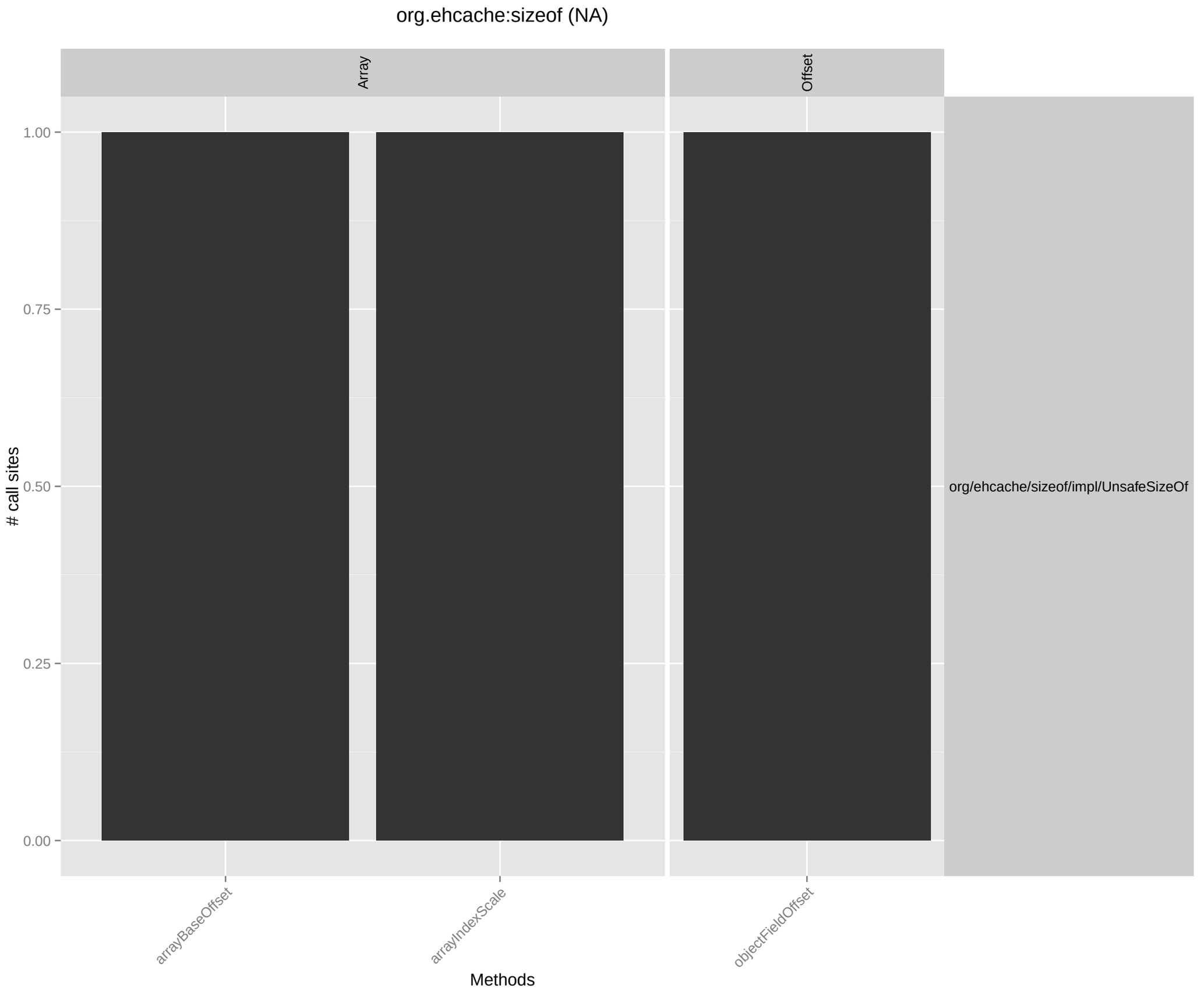

org.codehaus.sonar−plugins.xml:sslr−xml−toolkit (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

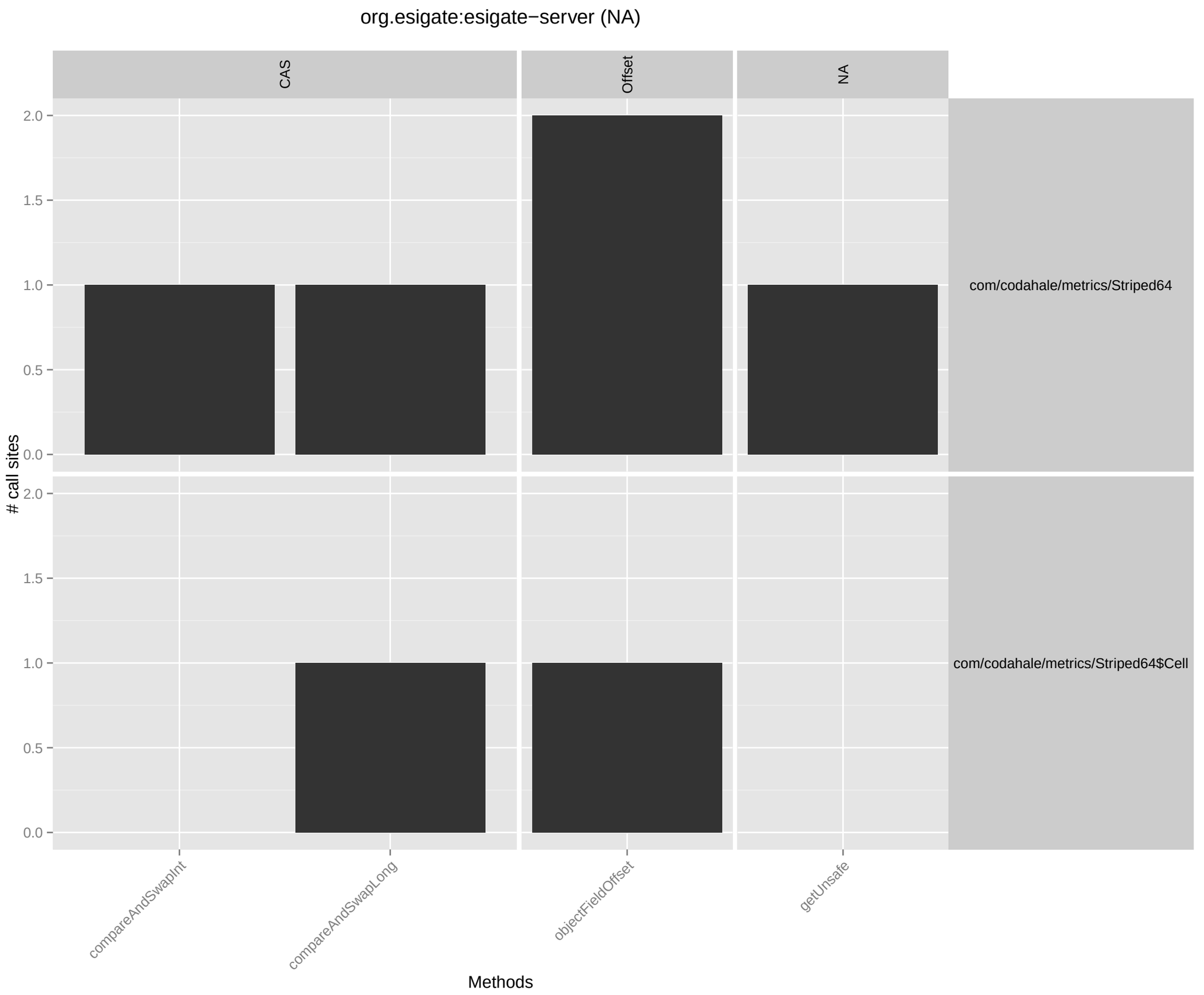

org.codehaus.sonar−plugins:sonar−ant−task (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

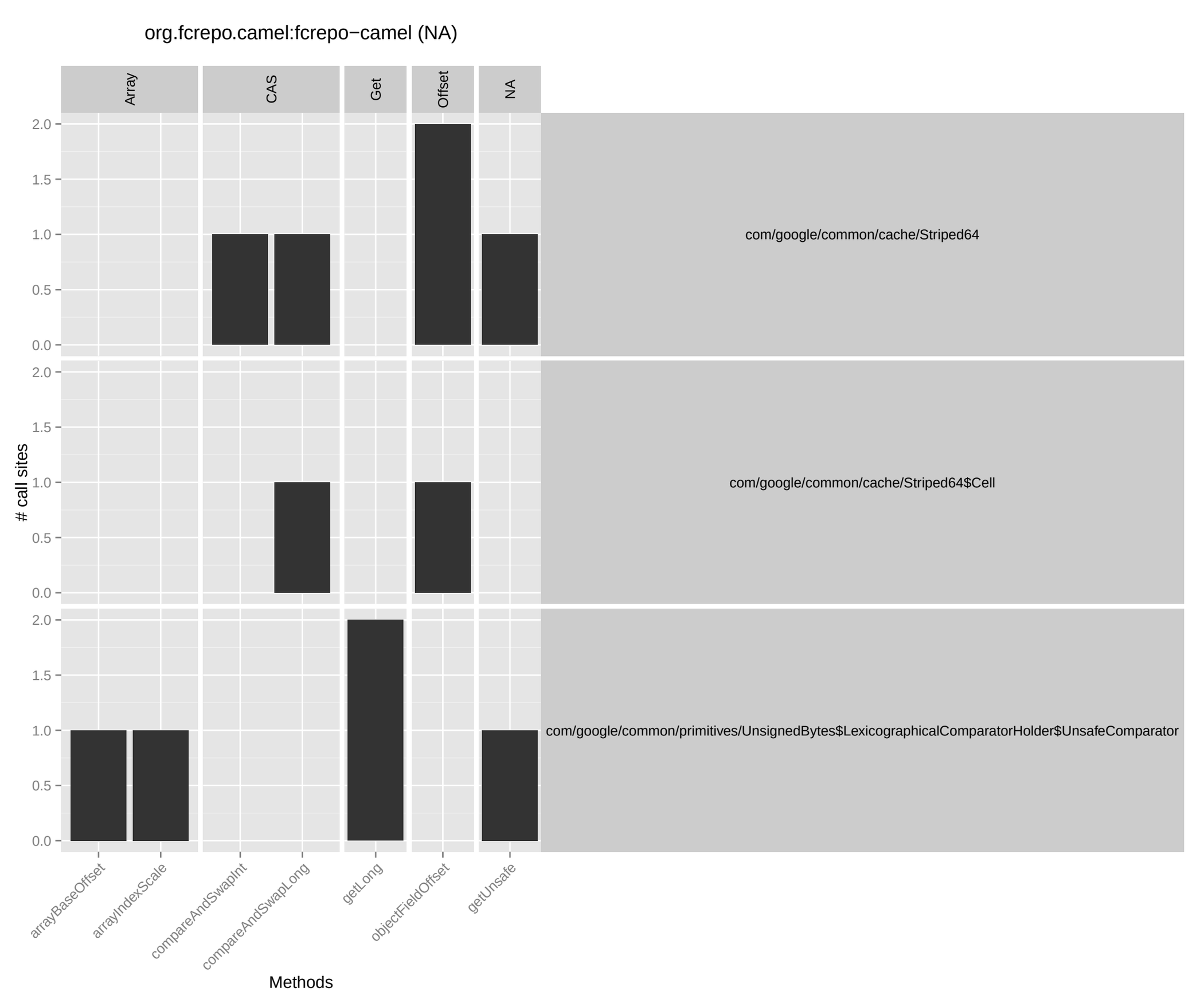

org.commonjava.freeki:freeki−vertx−server (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

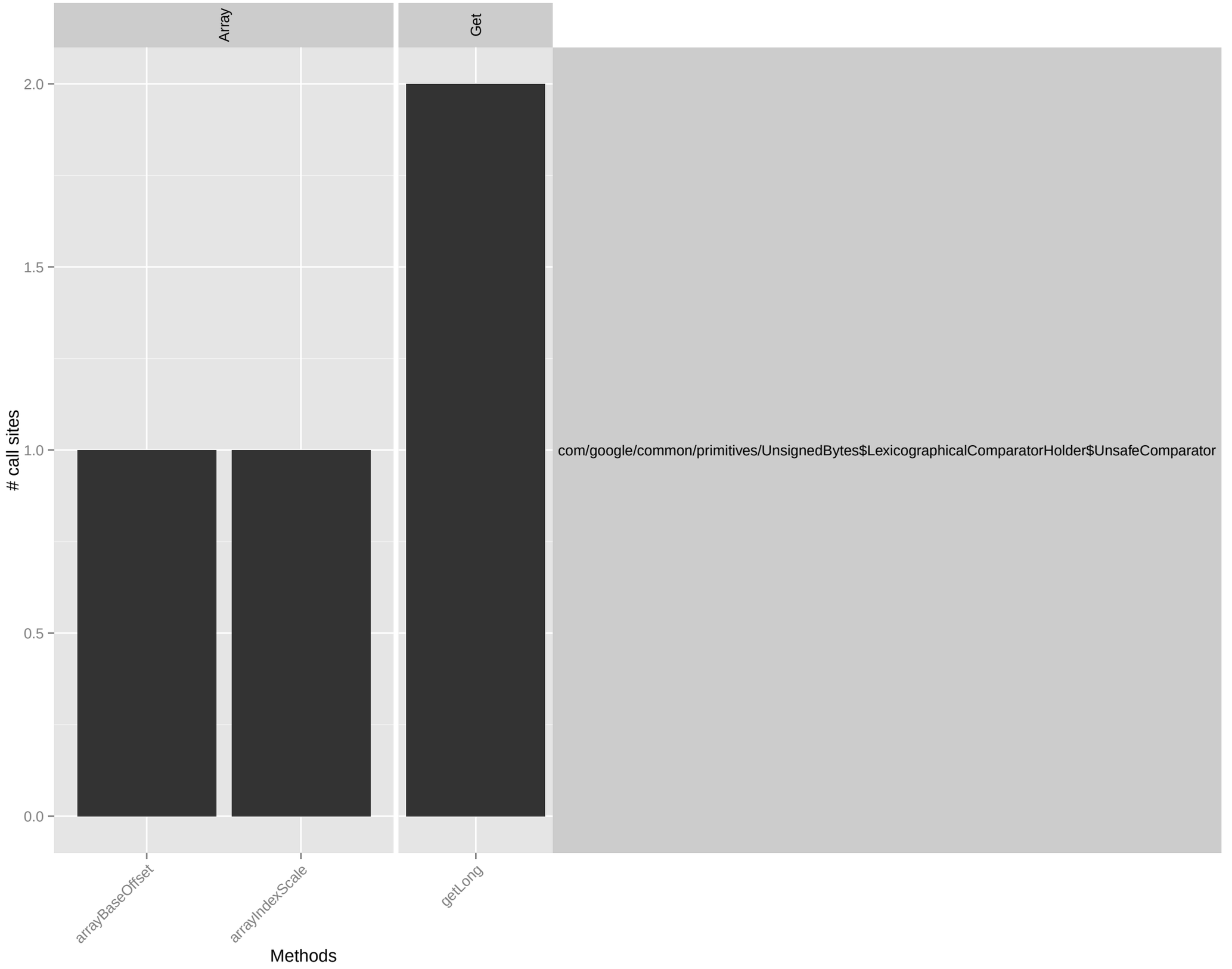

org.eclipse.californium:cf−plugtest−checker (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

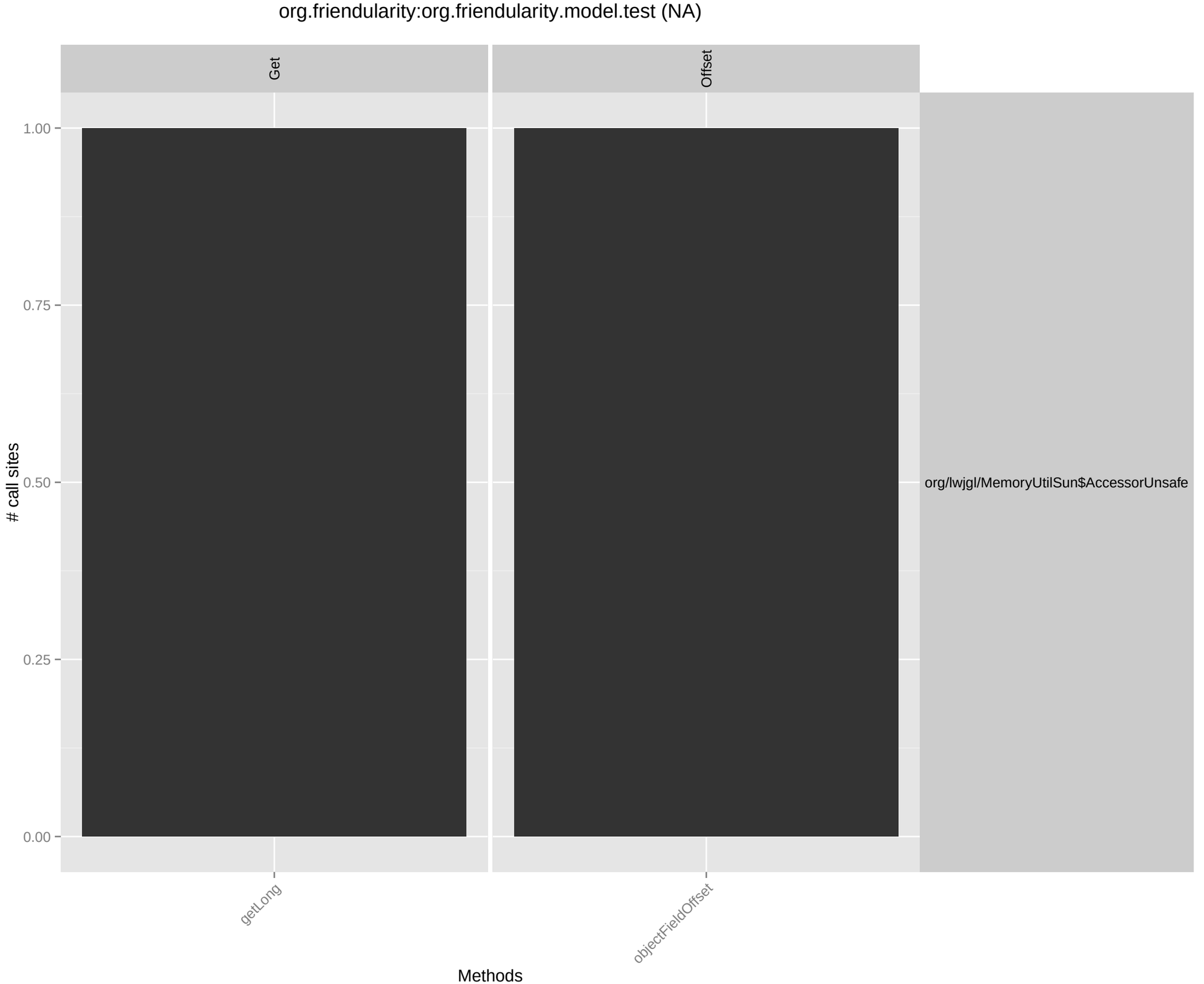

org.eclipse.californium:cf−proxy (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

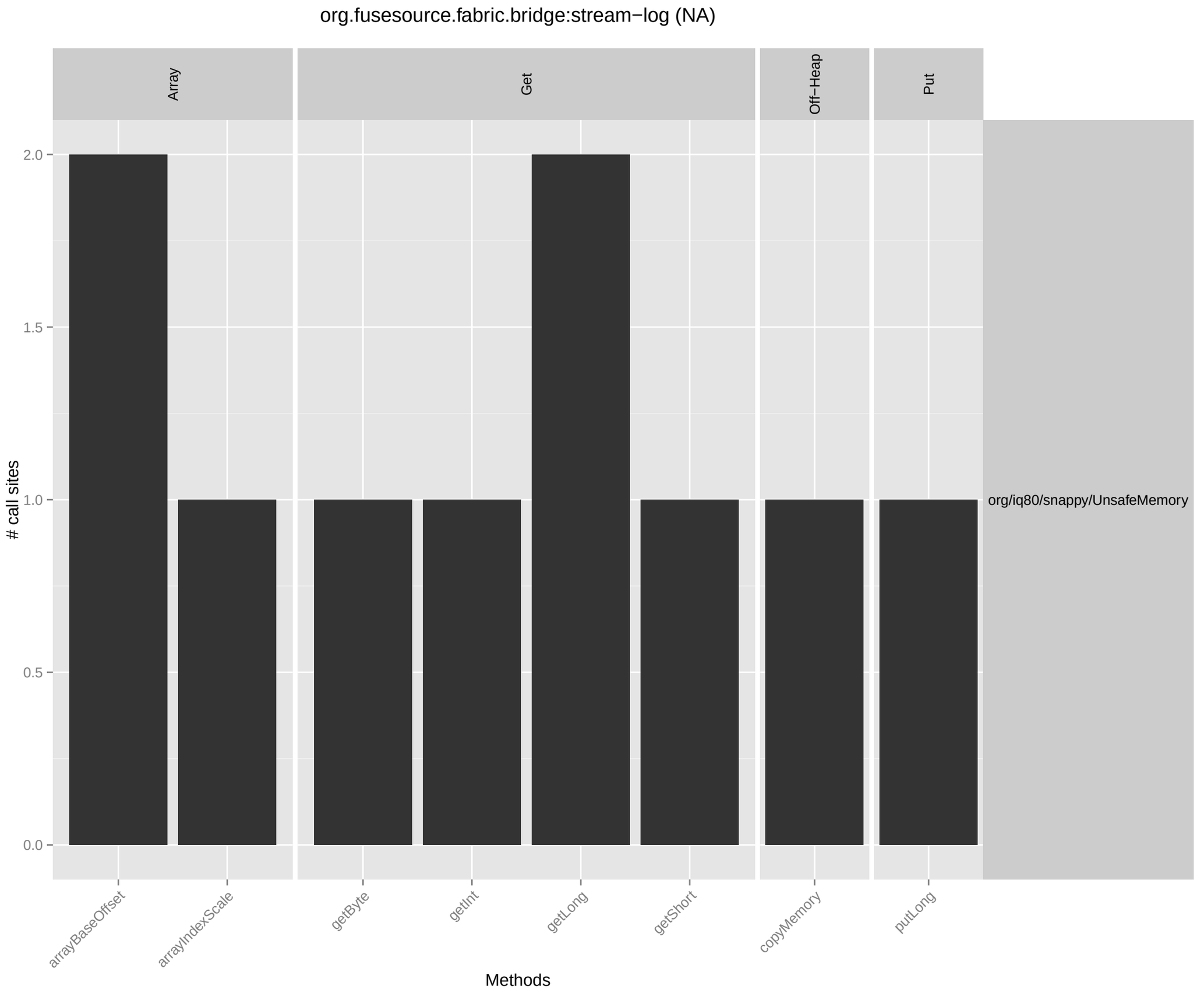

org.ehcache:sizeof (NA)
Array
Offset
org/ehcache/sizeof/impl/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

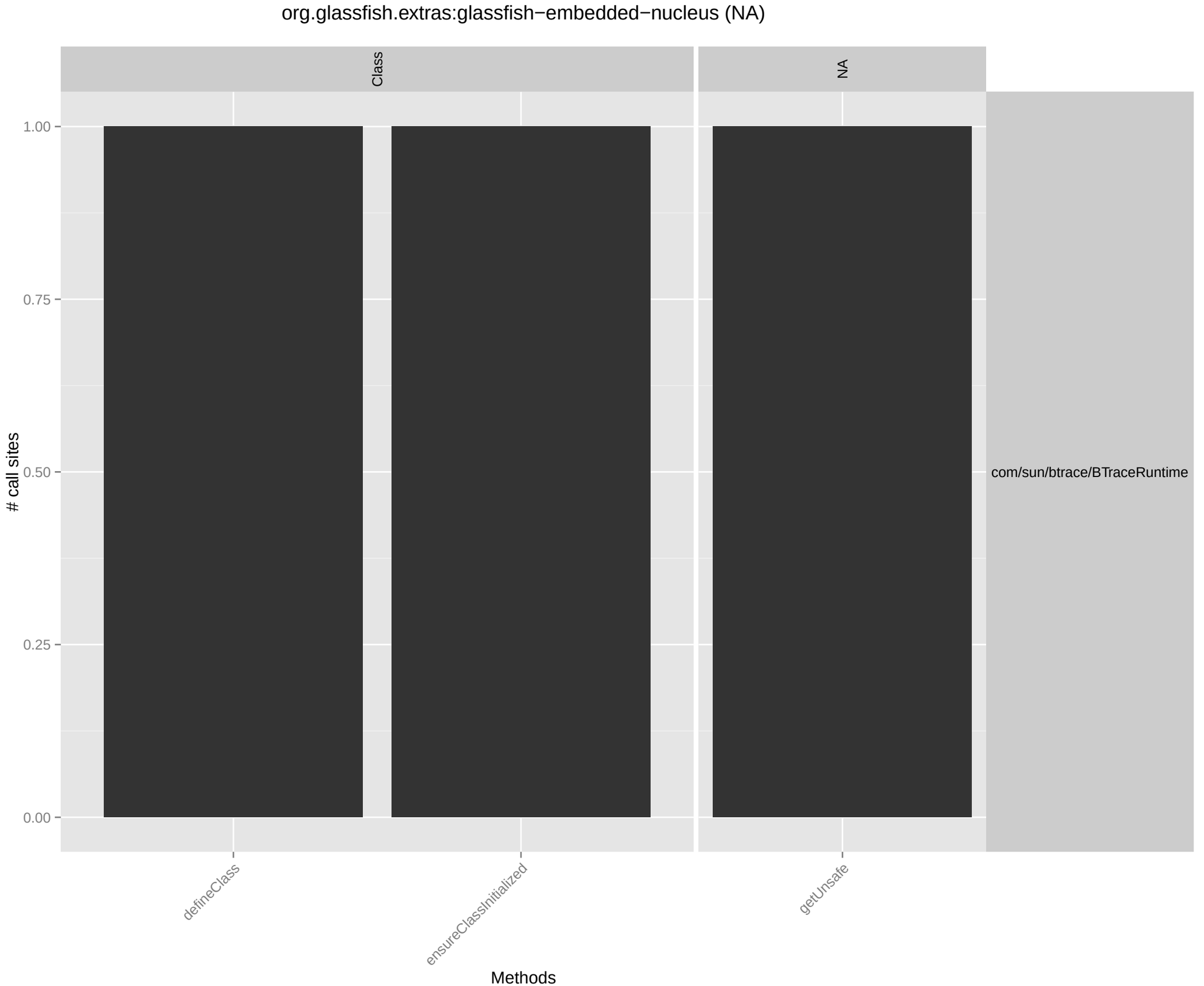

org.esigate:esigate−server (NA)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

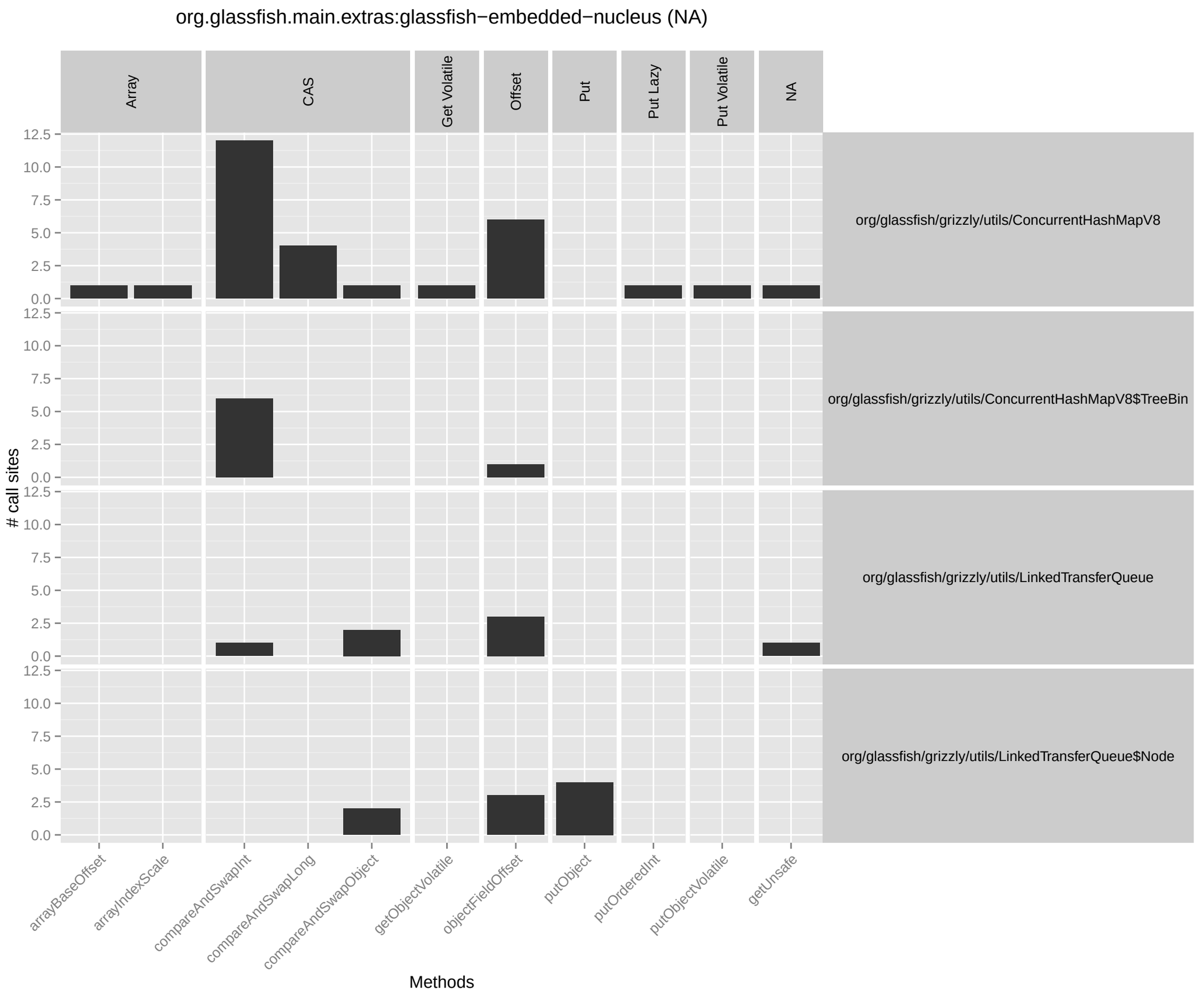

org.fcrepo.camel:fcrepo−camel (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

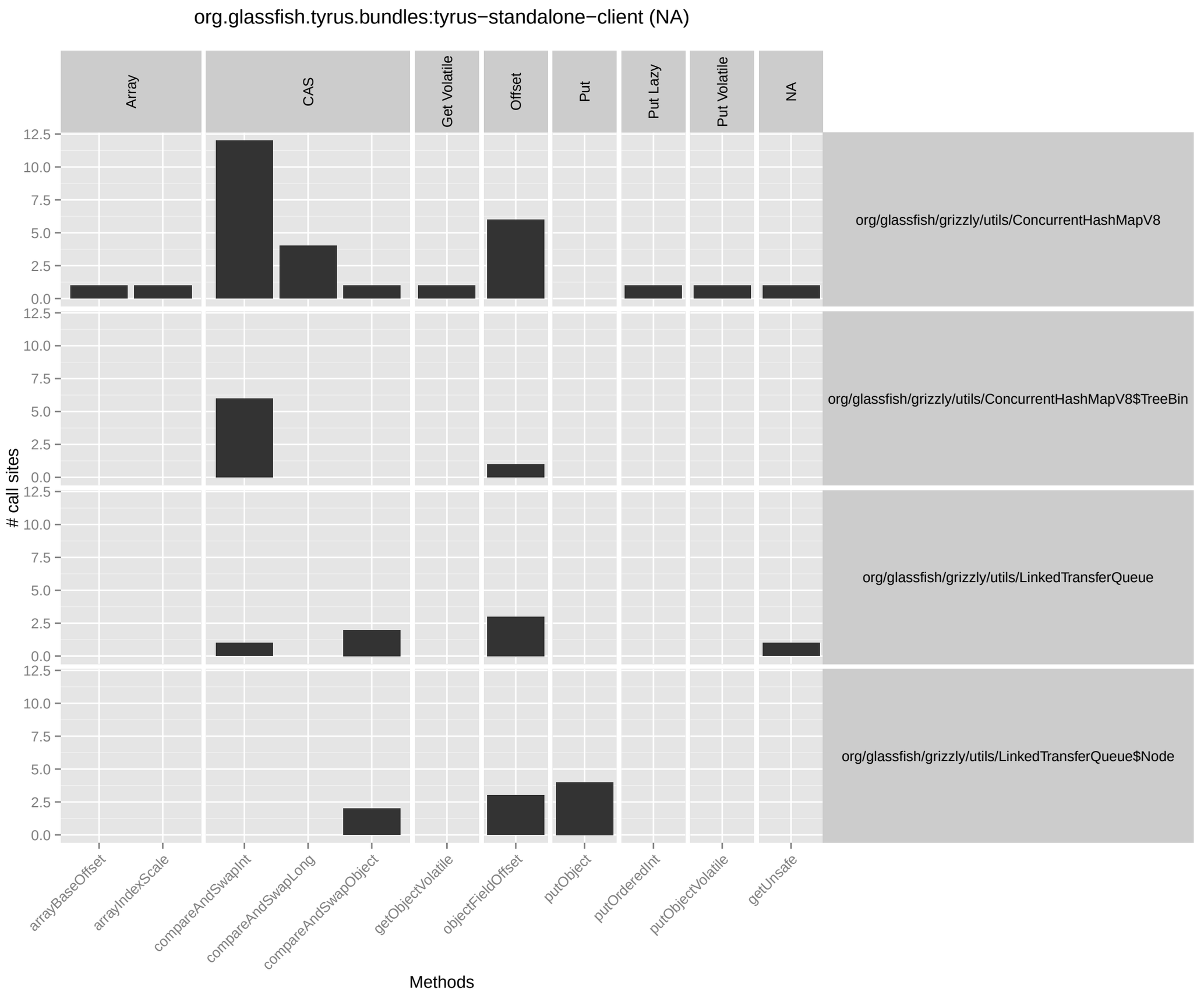

org.finra.datagenerator:DataGenerator (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

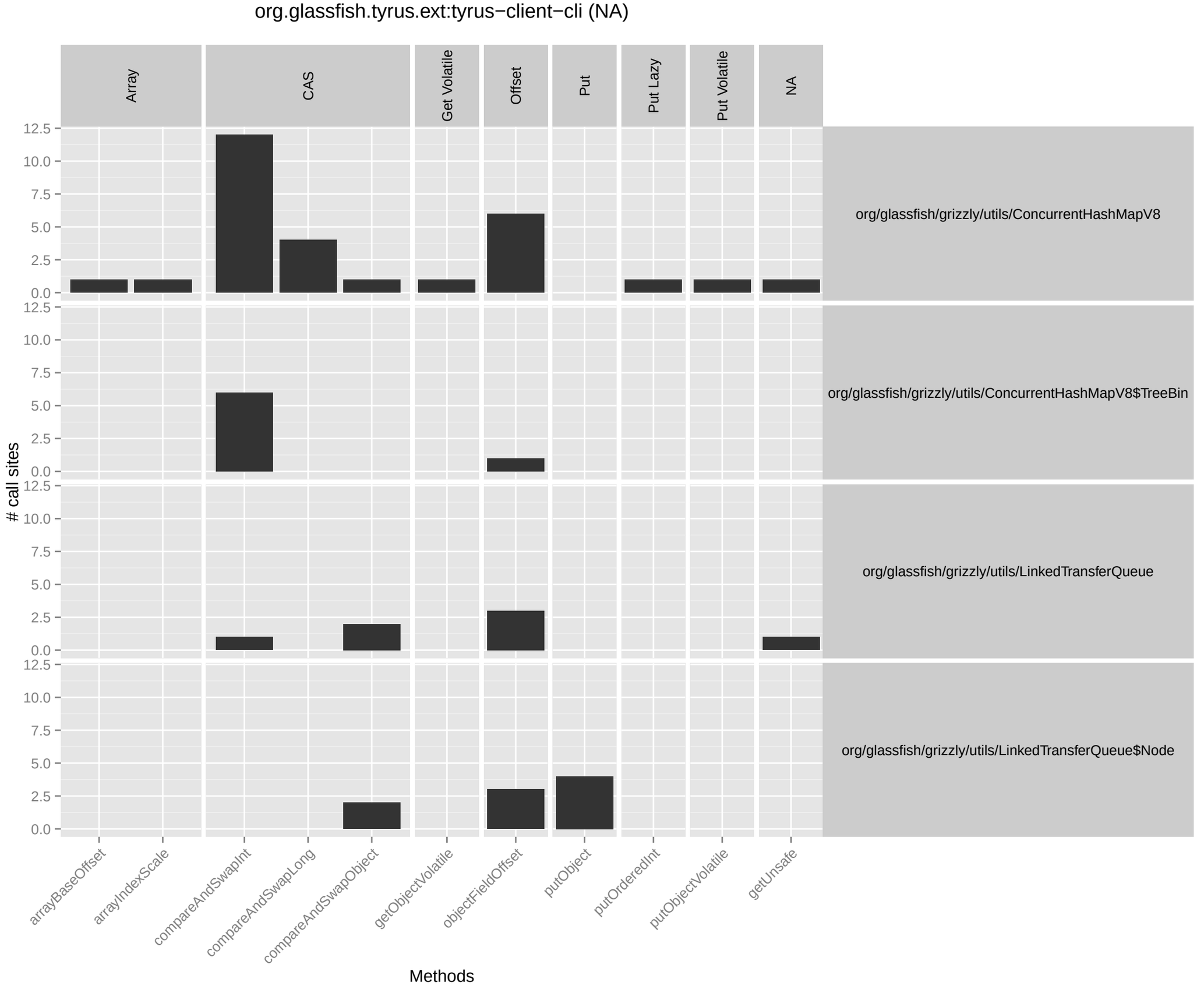

org.friendularity:org.friendularity.model.test (NA)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

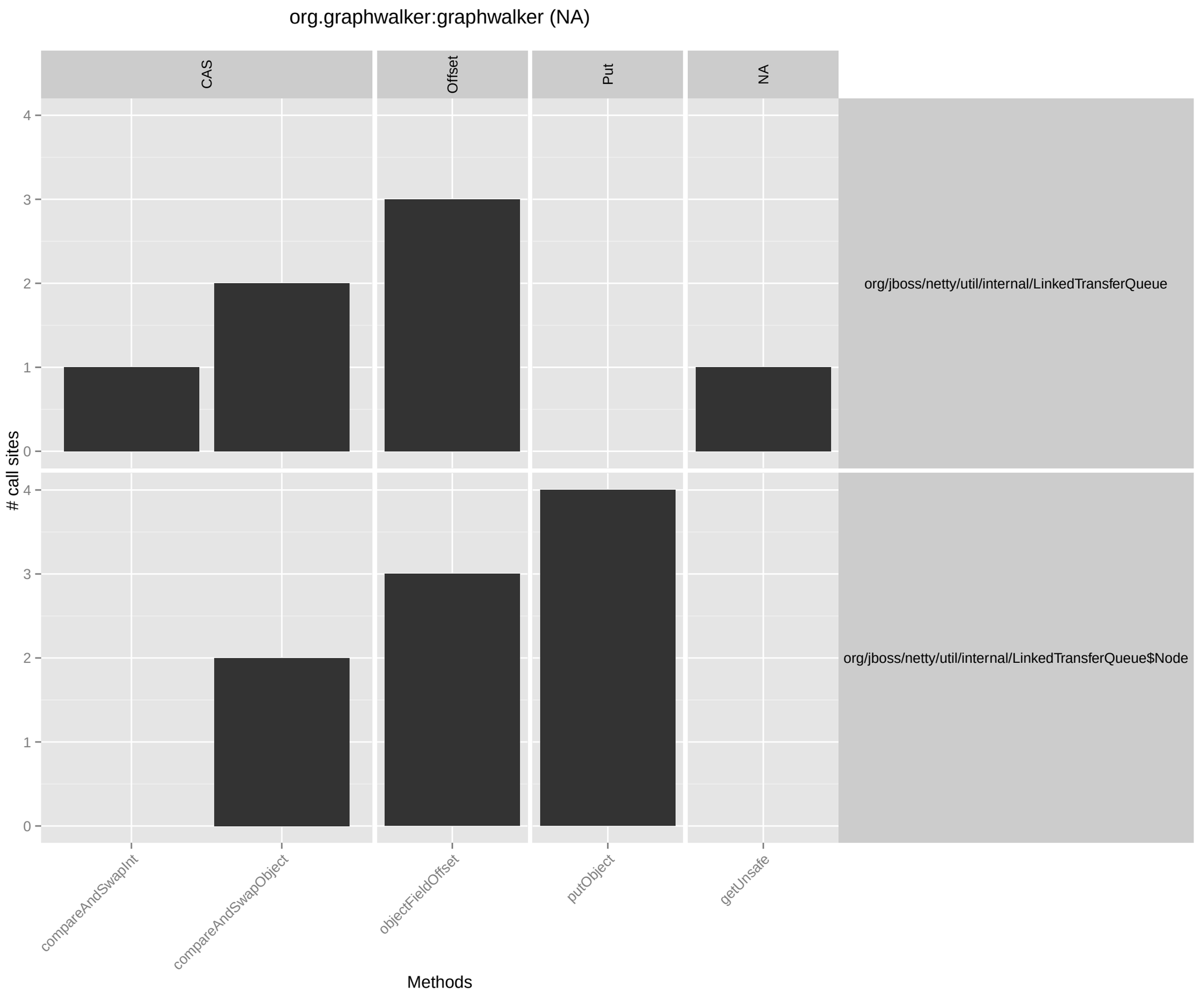

org.fusesource.fabric.bridge:stream−log (NA)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

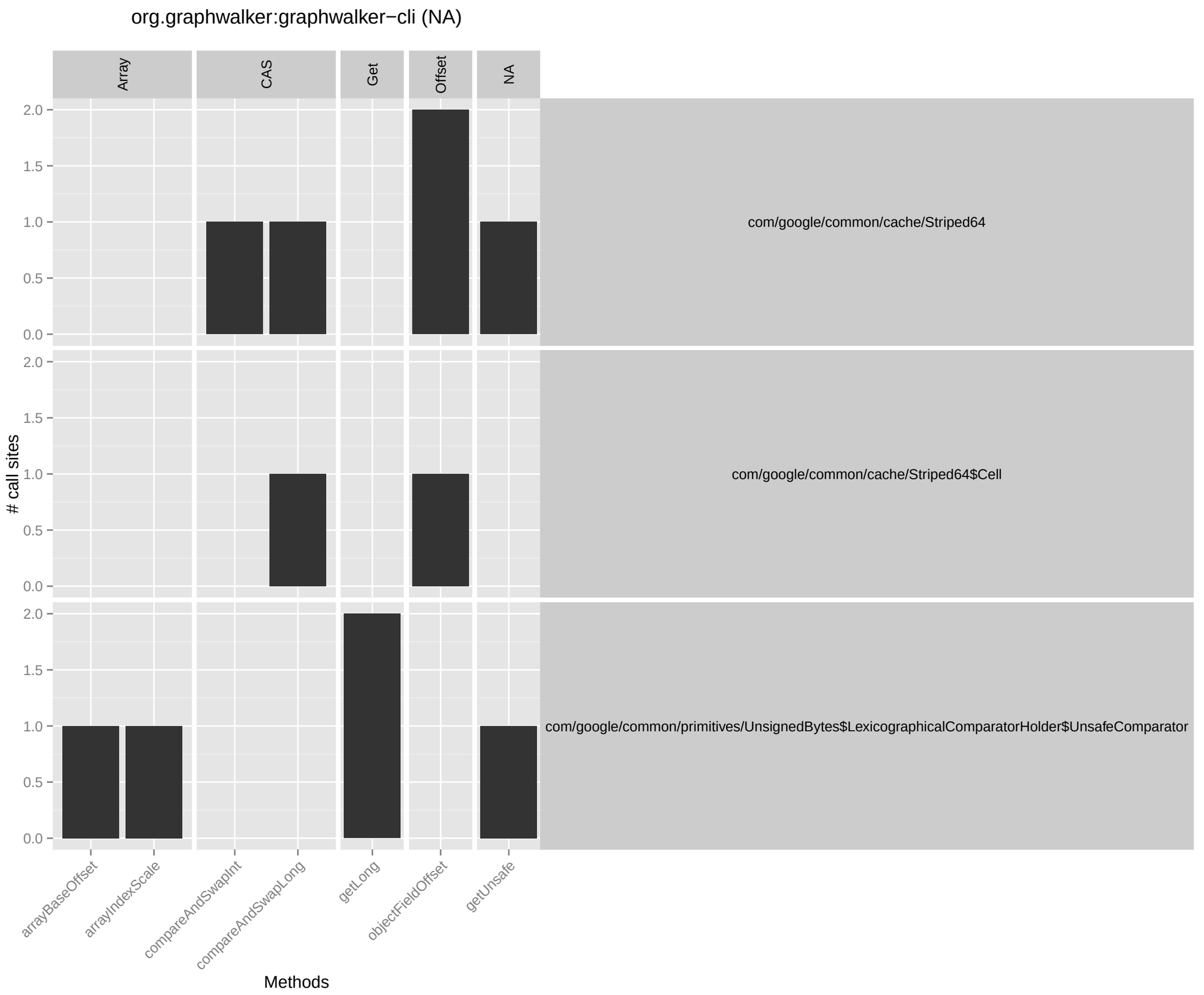

org.glassfish.extras:glassfish−embedded−nucleus (NA)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

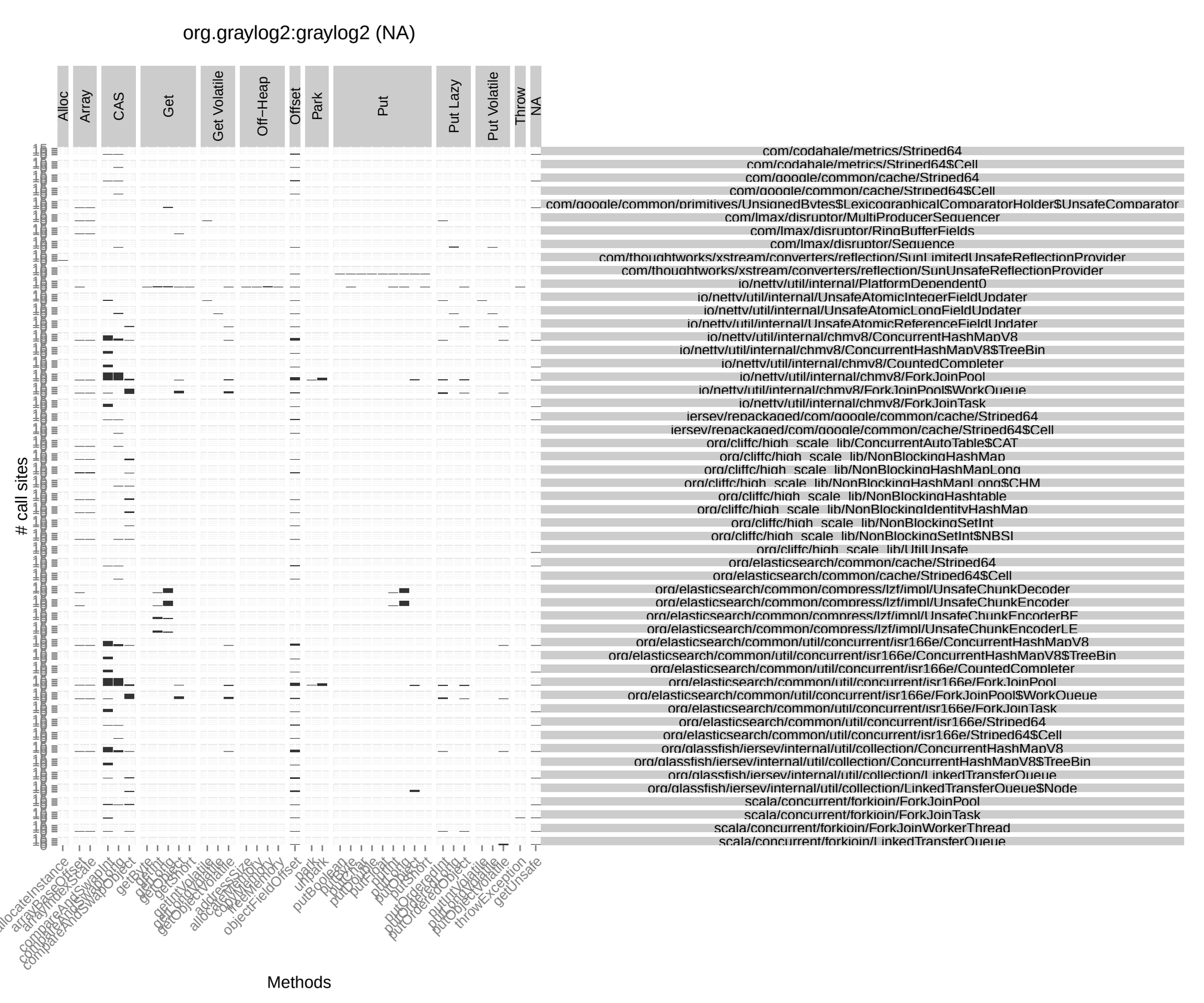

org.glassfish.main.extras:glassfish−embedded−nucleus (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

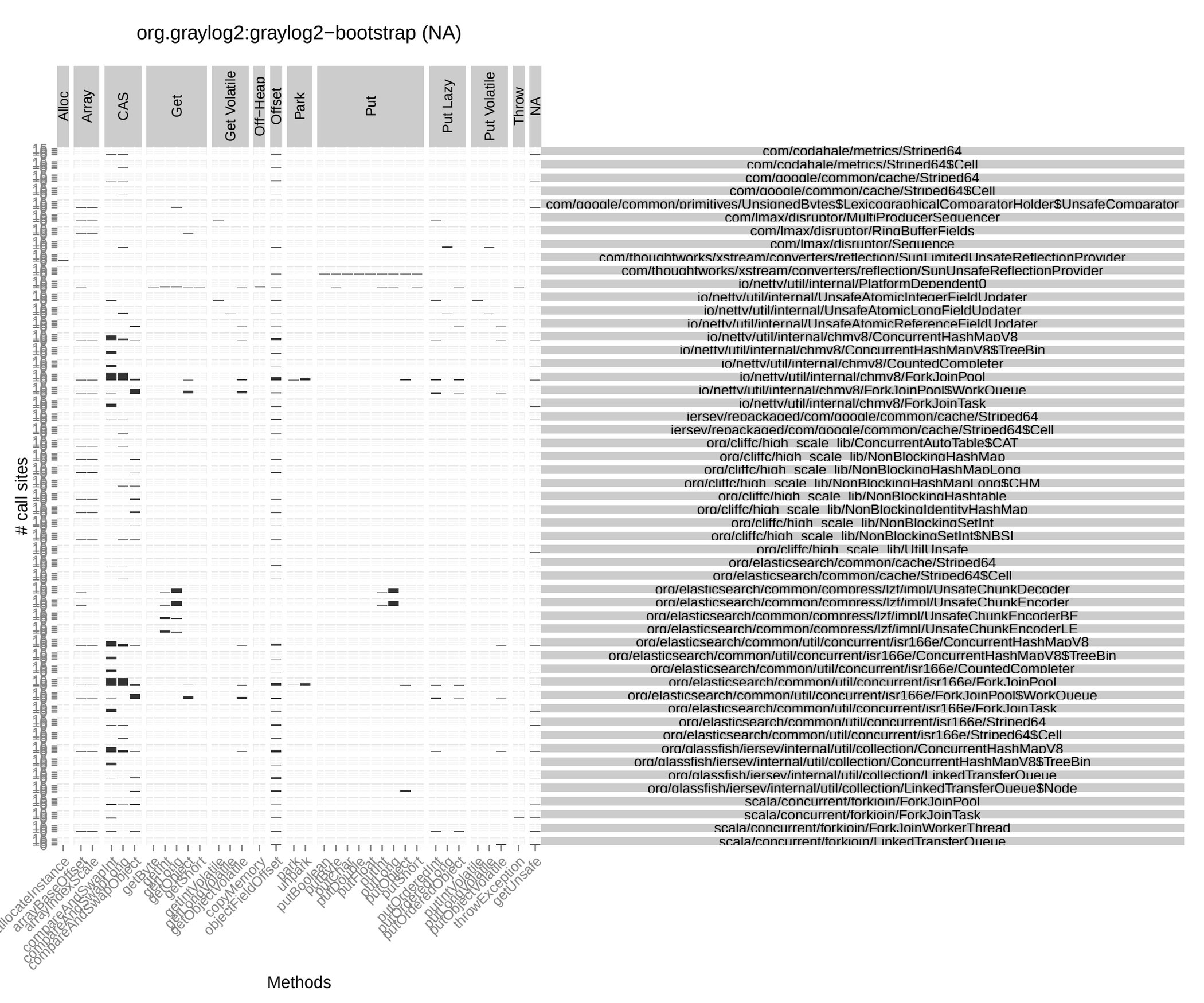

org.glassfish.tyrus.bundles:tyrus−standalone−client (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

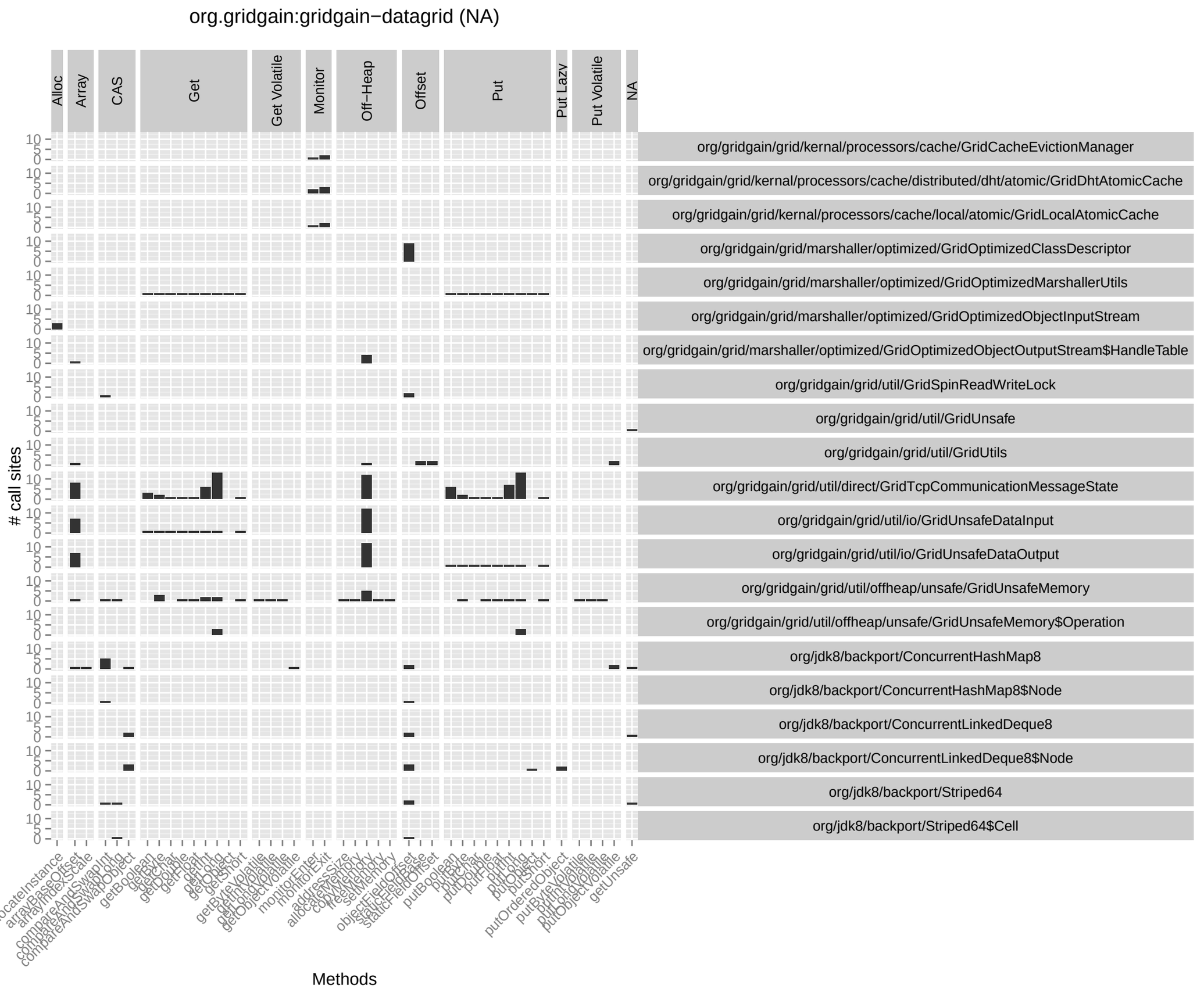

org.glassfish.tyrus.ext:tyrus−client−cli (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

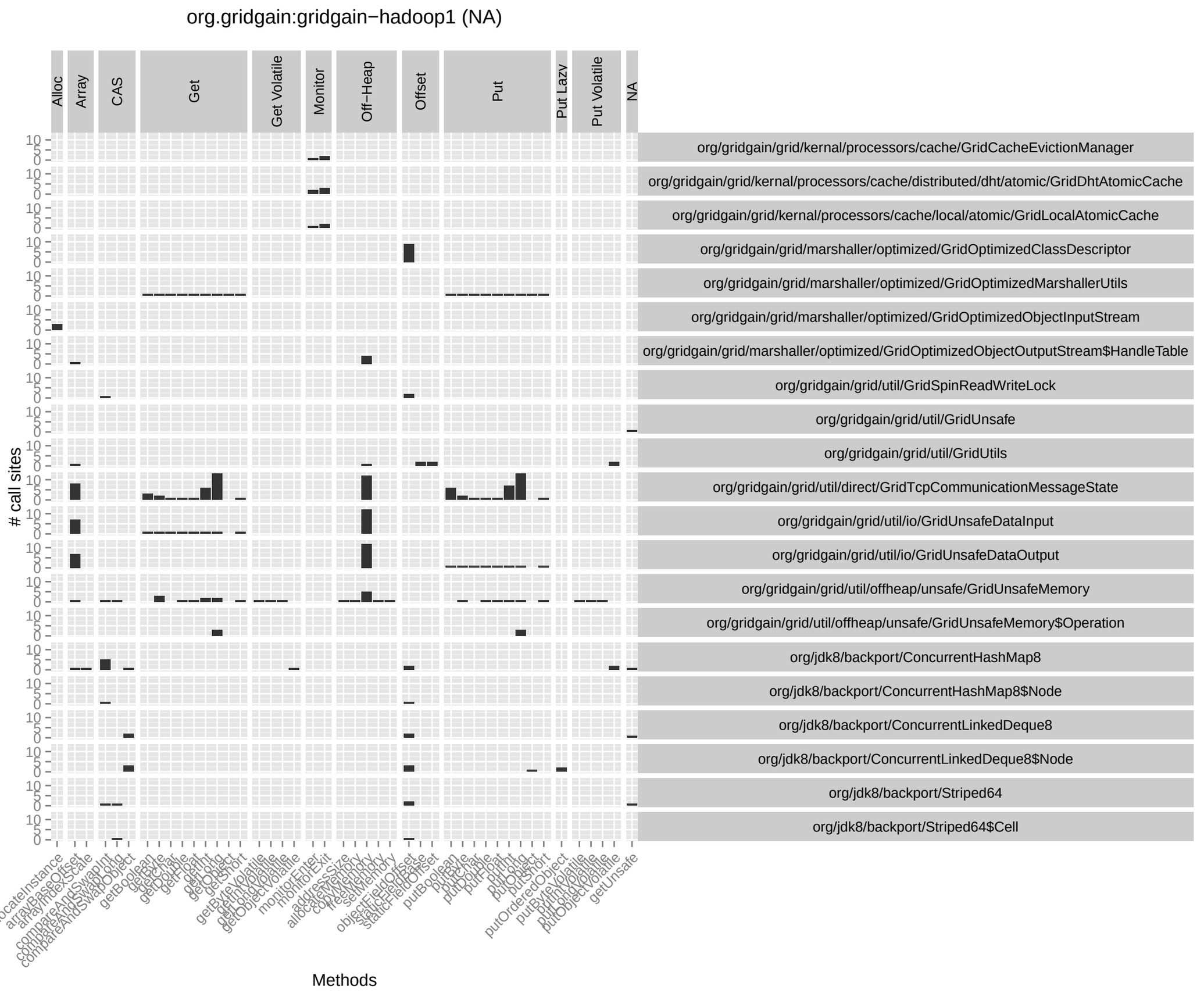

org.graphwalker:graphwalker (NA)
CAS
Offset
Put
NA
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

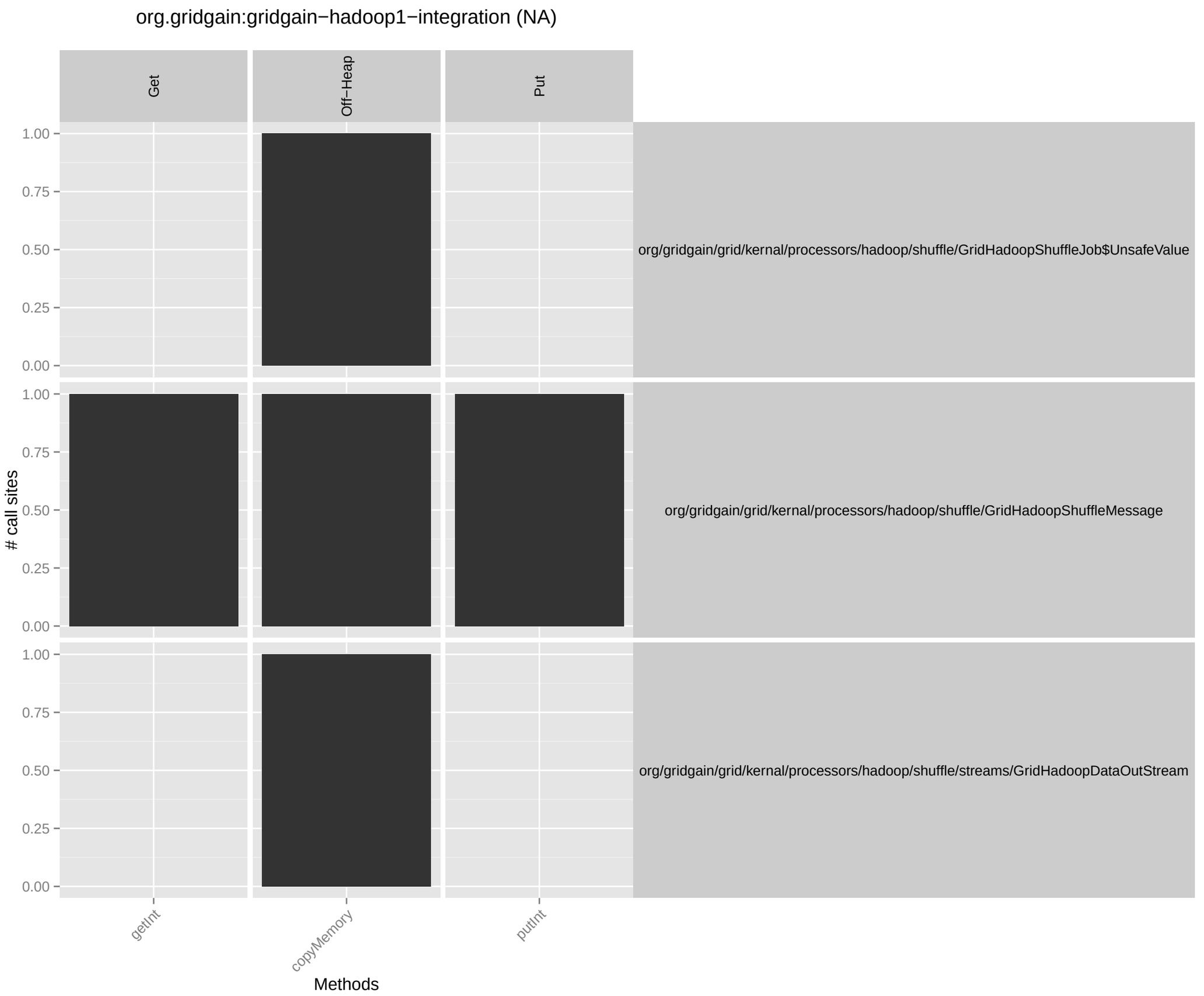

org.graphwalker:graphwalker−cli (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

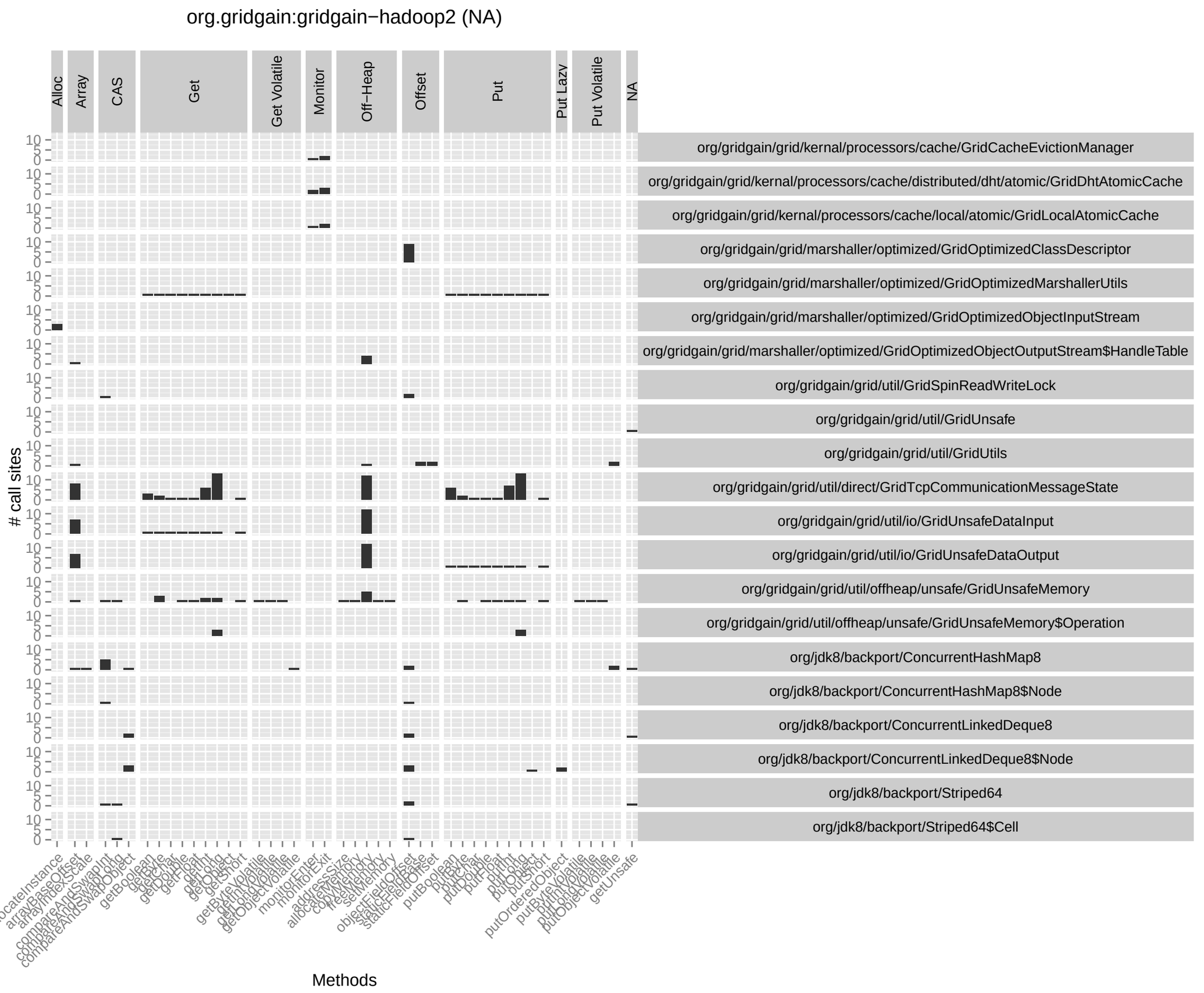

org.graylog2:graylog2 (NA)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/RingBufferFields
com/lmax/disruptor/Sequence
com/thoughtworks/xstream/converters/reflection/SunLimitedUnsafeReflectionProvider
com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
org/elasticsearch/common/cache/Striped64
org/elasticsearch/common/cache/Striped64$Cell
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderBE
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderLE
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$TreeBin
org/elasticsearch/common/util/concurrent/jsr166e/CountedCompleter
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool$WorkQueue
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

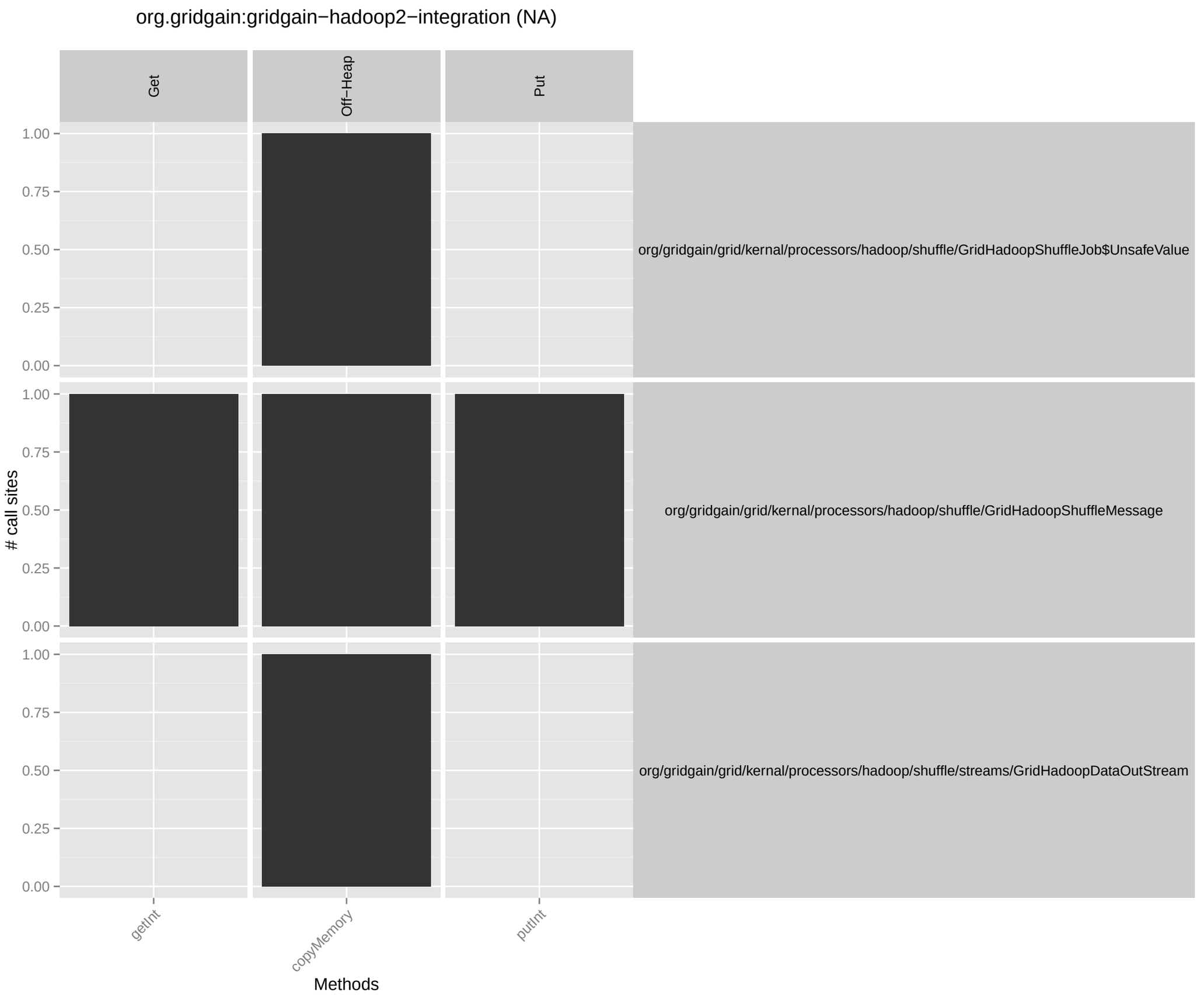

org.graylog2:graylog2−bootstrap (NA)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/RingBufferFields
com/lmax/disruptor/Sequence
com/thoughtworks/xstream/converters/reflection/SunLimitedUnsafeReflectionProvider
com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
org/elasticsearch/common/cache/Striped64
org/elasticsearch/common/cache/Striped64$Cell
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderBE
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderLE
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$TreeBin
org/elasticsearch/common/util/concurrent/jsr166e/CountedCompleter
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool$WorkQueue
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

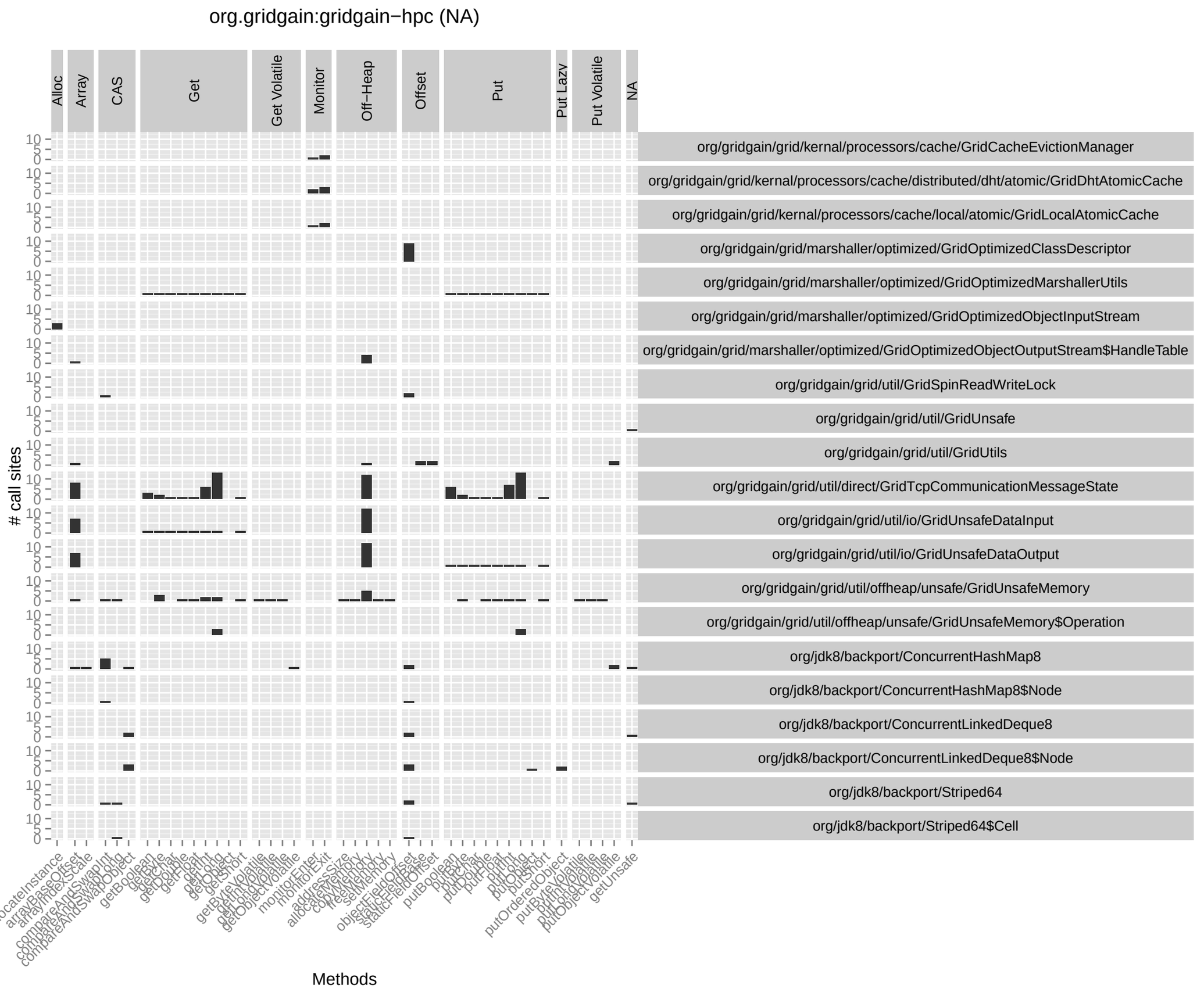

org.gridgain:gridgain−datagrid (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

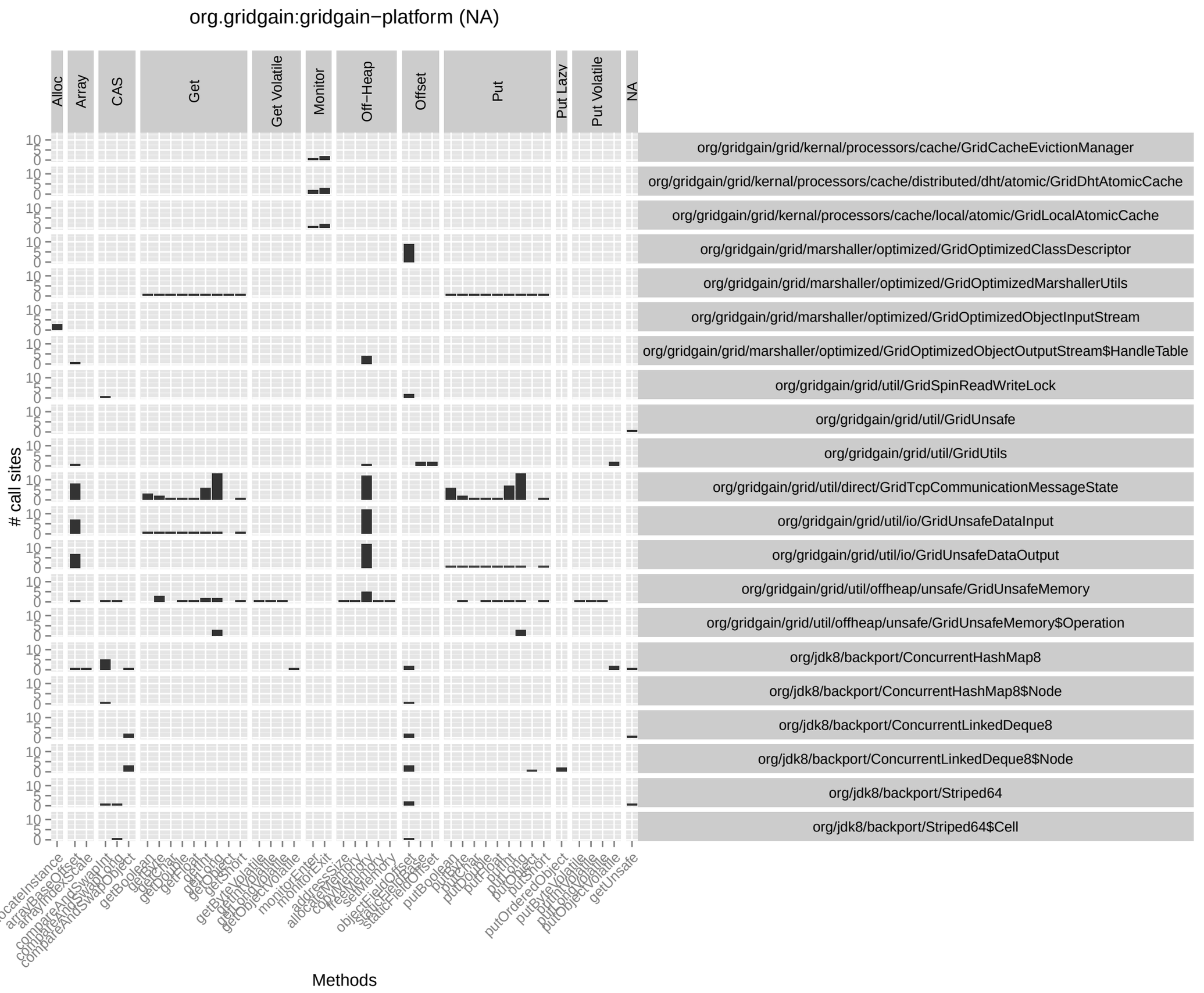

org.gridgain:gridgain−hadoop1 (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

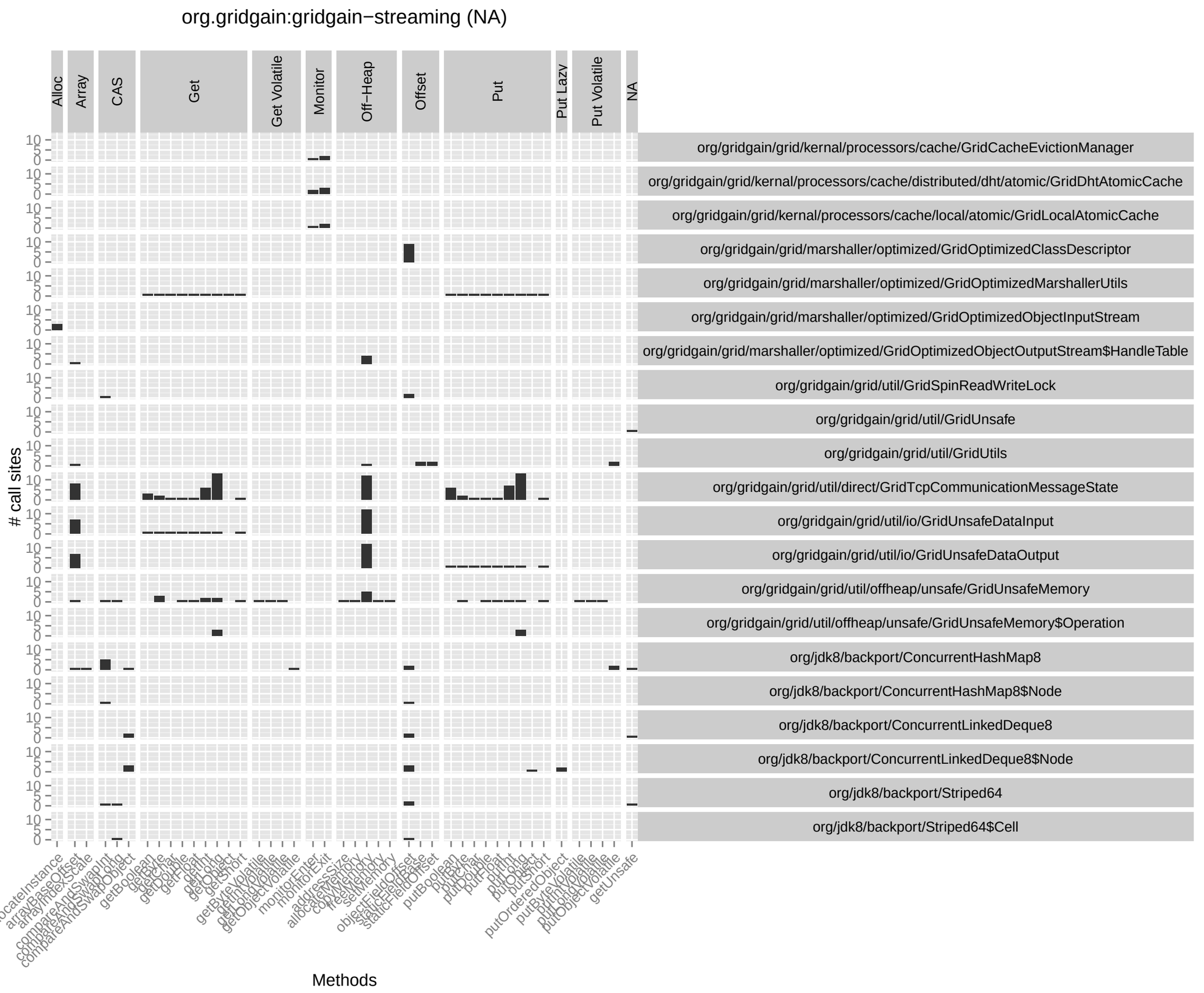

org.gridgain:gridgain−hadoop1−integration (NA)
Get
Off−Heap
Put
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleJob$UnsafeValue
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleMessage
org/gridgain/grid/kernal/processors/hadoop/shuffle/streams/GridHadoopDataOutStream
call sites
1.00
0.75
0.50
0.25
0.00
getInt
copyMemory
putInt
Methods

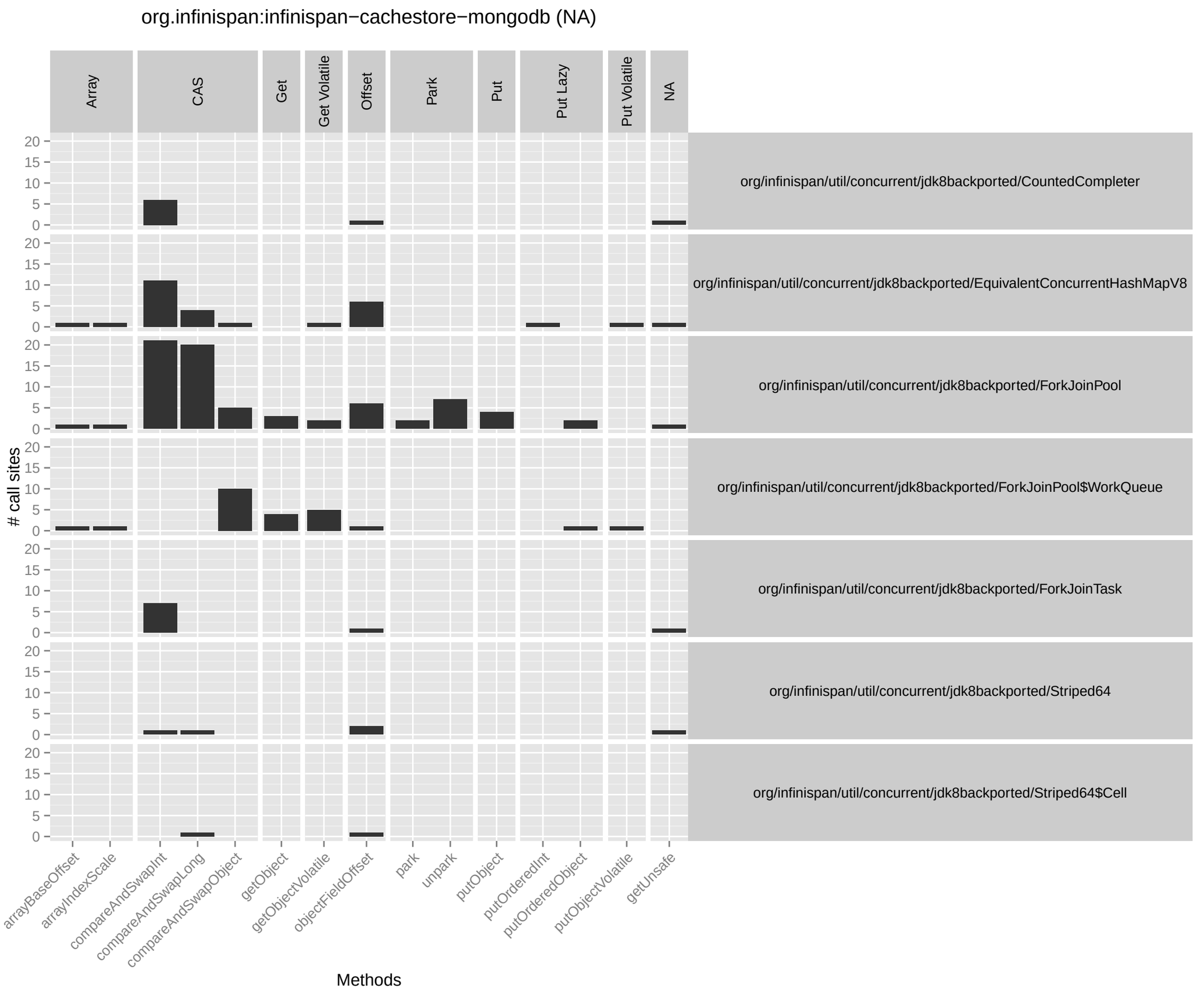

org.gridgain:gridgain−hadoop2 (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

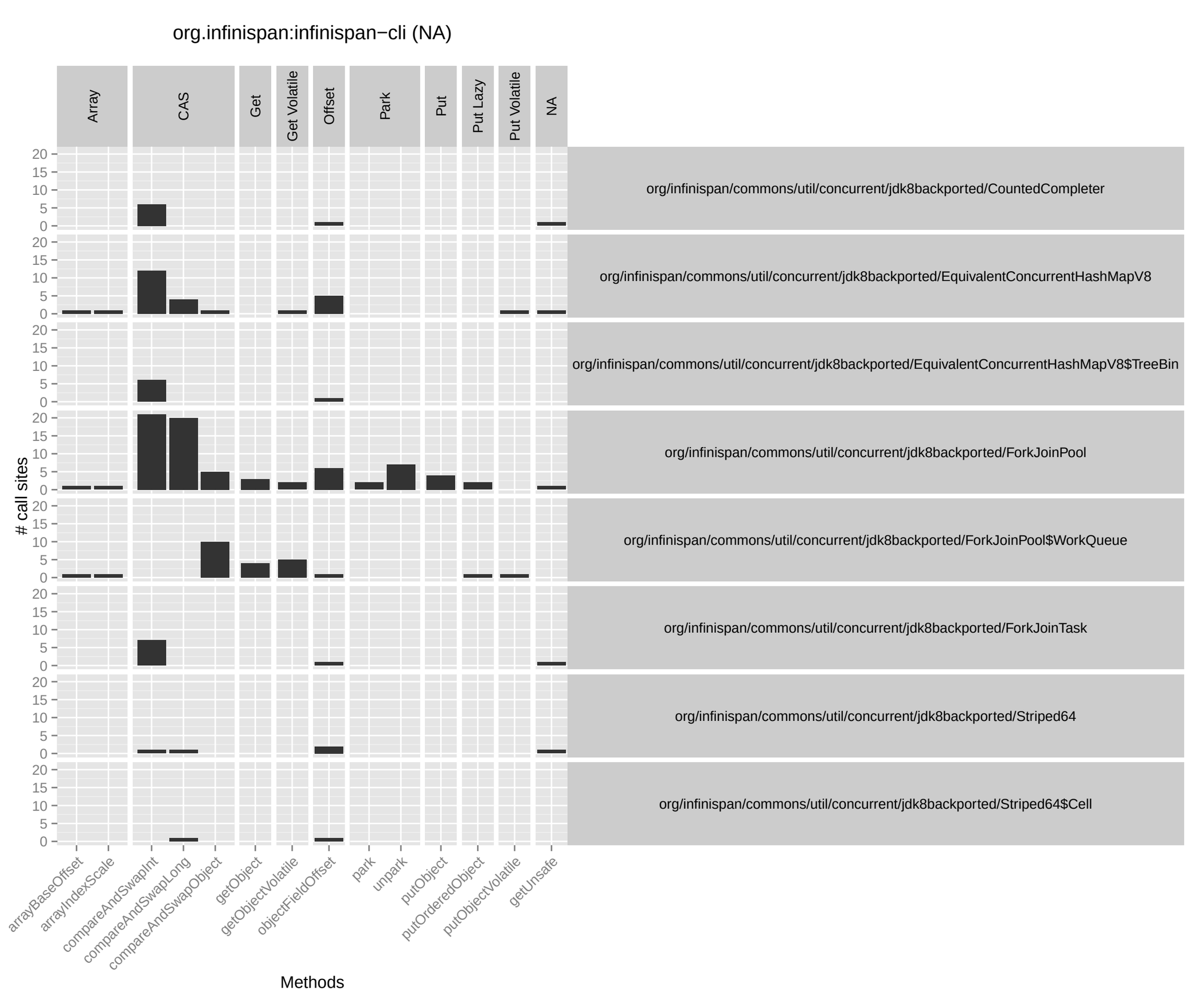

org.gridgain:gridgain−hadoop2−integration (NA)
Get
Off−Heap
Put
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleJob$UnsafeValue
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleMessage
org/gridgain/grid/kernal/processors/hadoop/shuffle/streams/GridHadoopDataOutStream
call sites
1.00
0.75
0.50
0.25
0.00
getInt
copyMemory
putInt
Methods

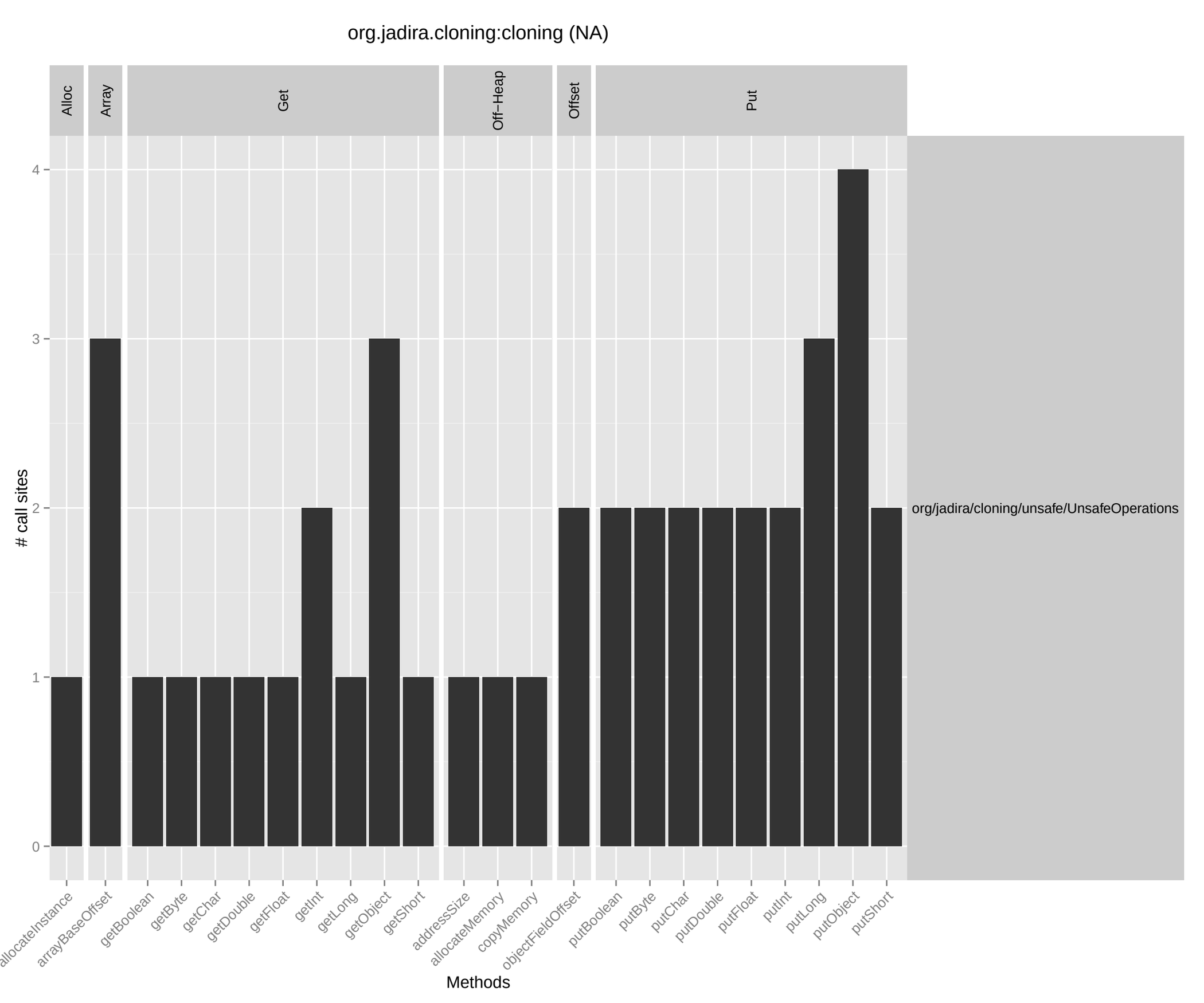

org.gridgain:gridgain−hpc (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

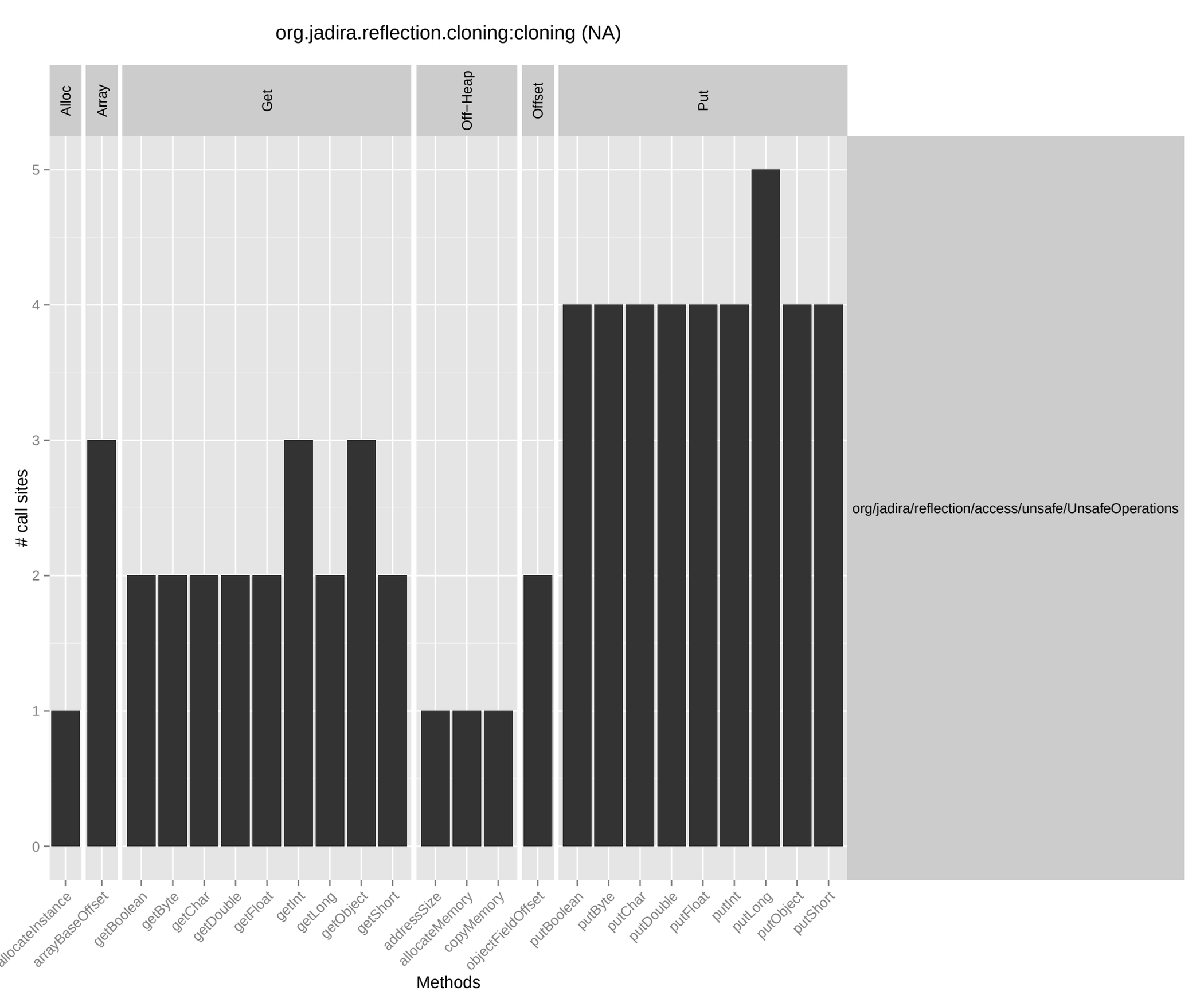

org.gridgain:gridgain−platform (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

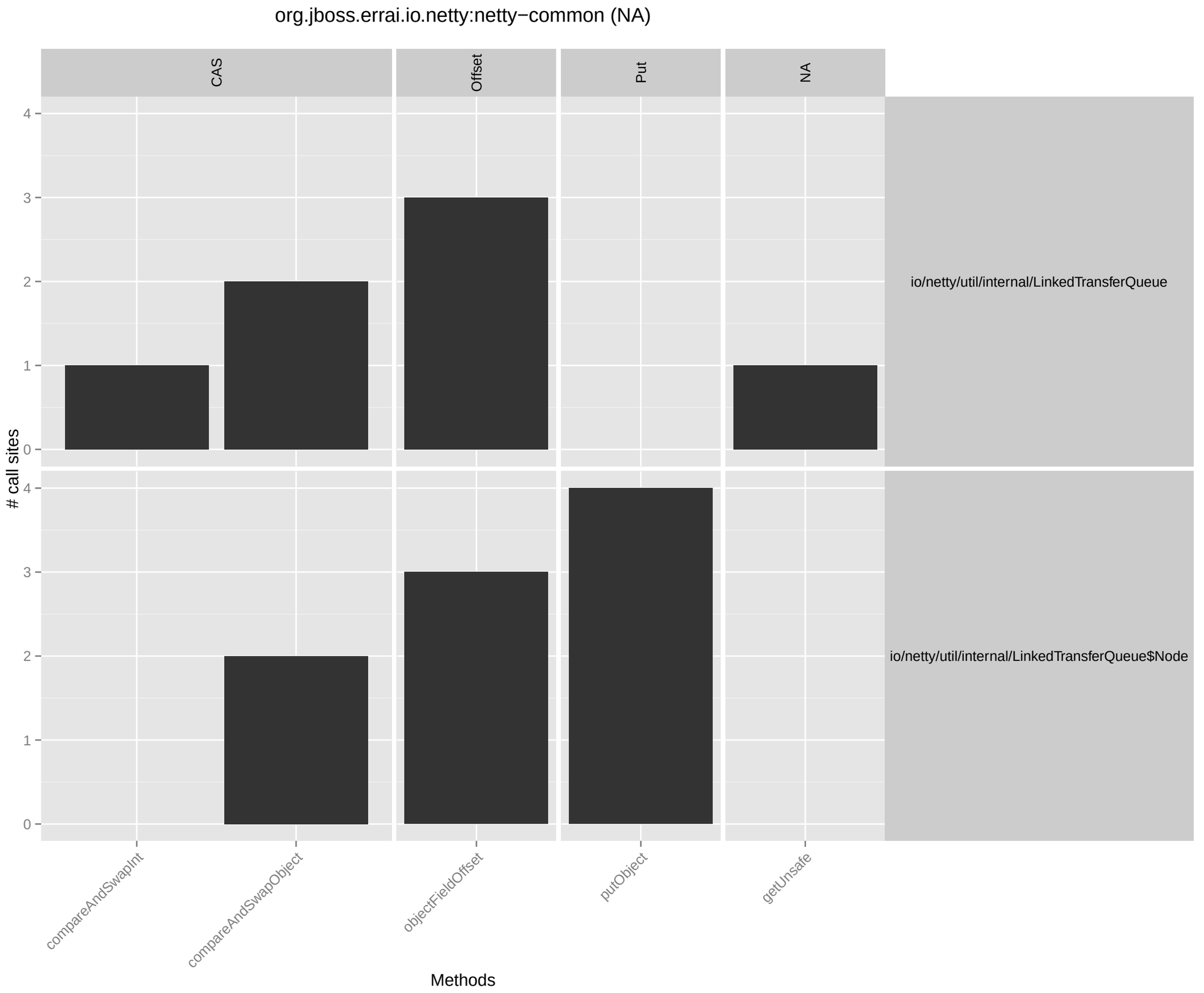

org.gridgain:gridgain−streaming (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

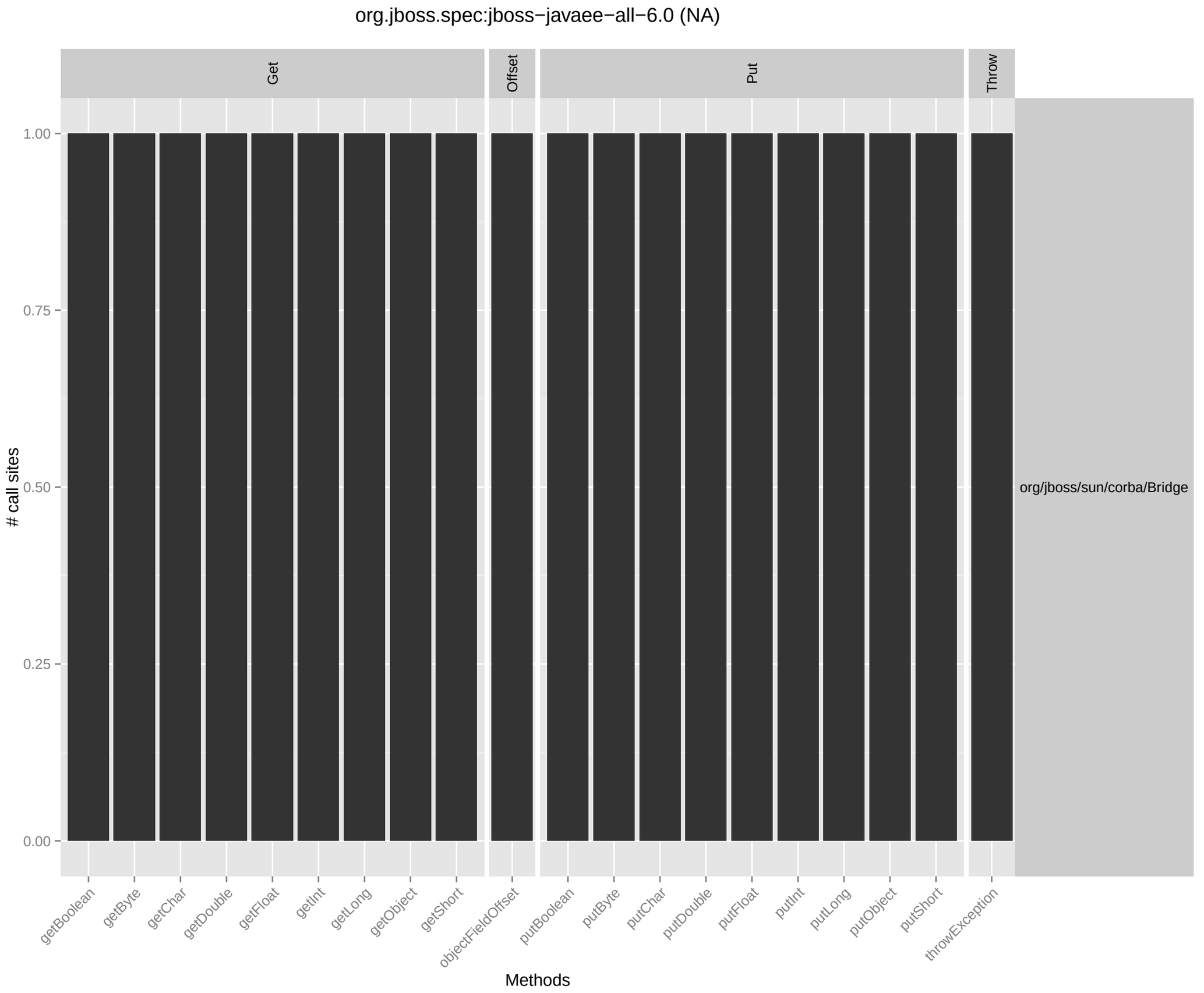

org.infinispan:infinispan−cachestore−mongodb (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/util/concurrent/jdk8backported/Striped64
org/infinispan/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

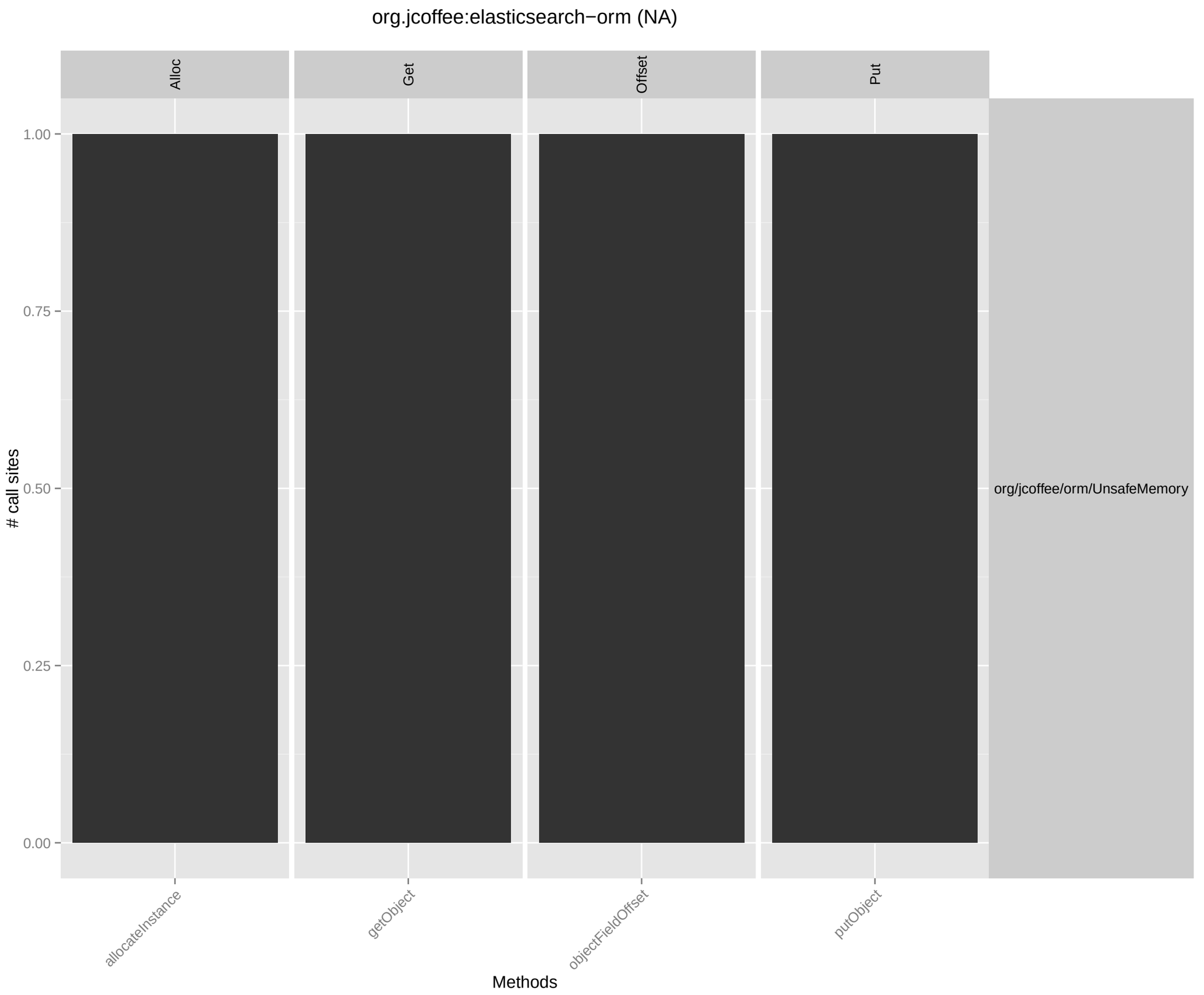

org.infinispan:infinispan−cli (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

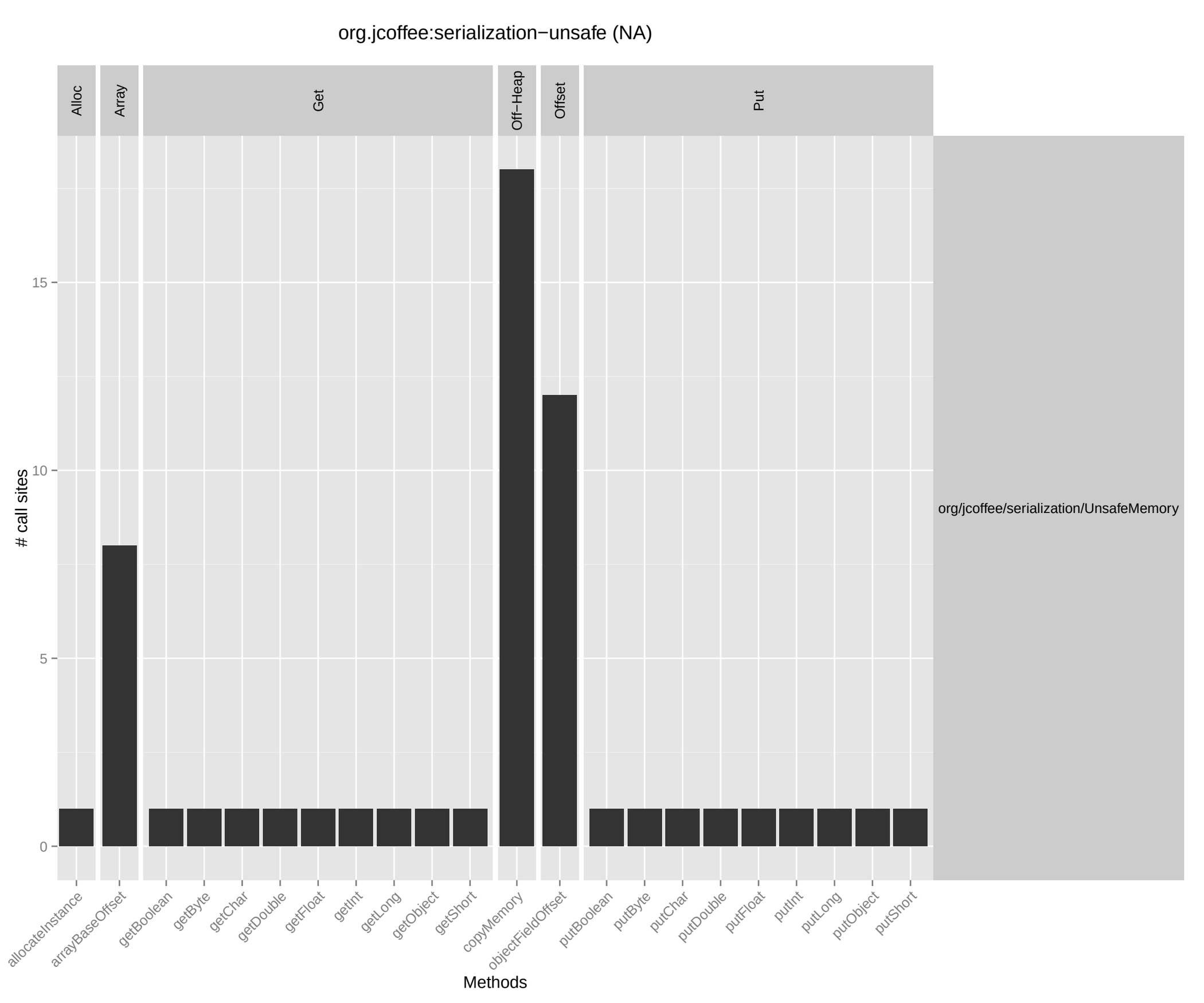

org.jadira.cloning:cloning (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jadira/cloning/unsafe/UnsafeOperations
call sites
0
1
2
3
4
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
allocateMemory
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

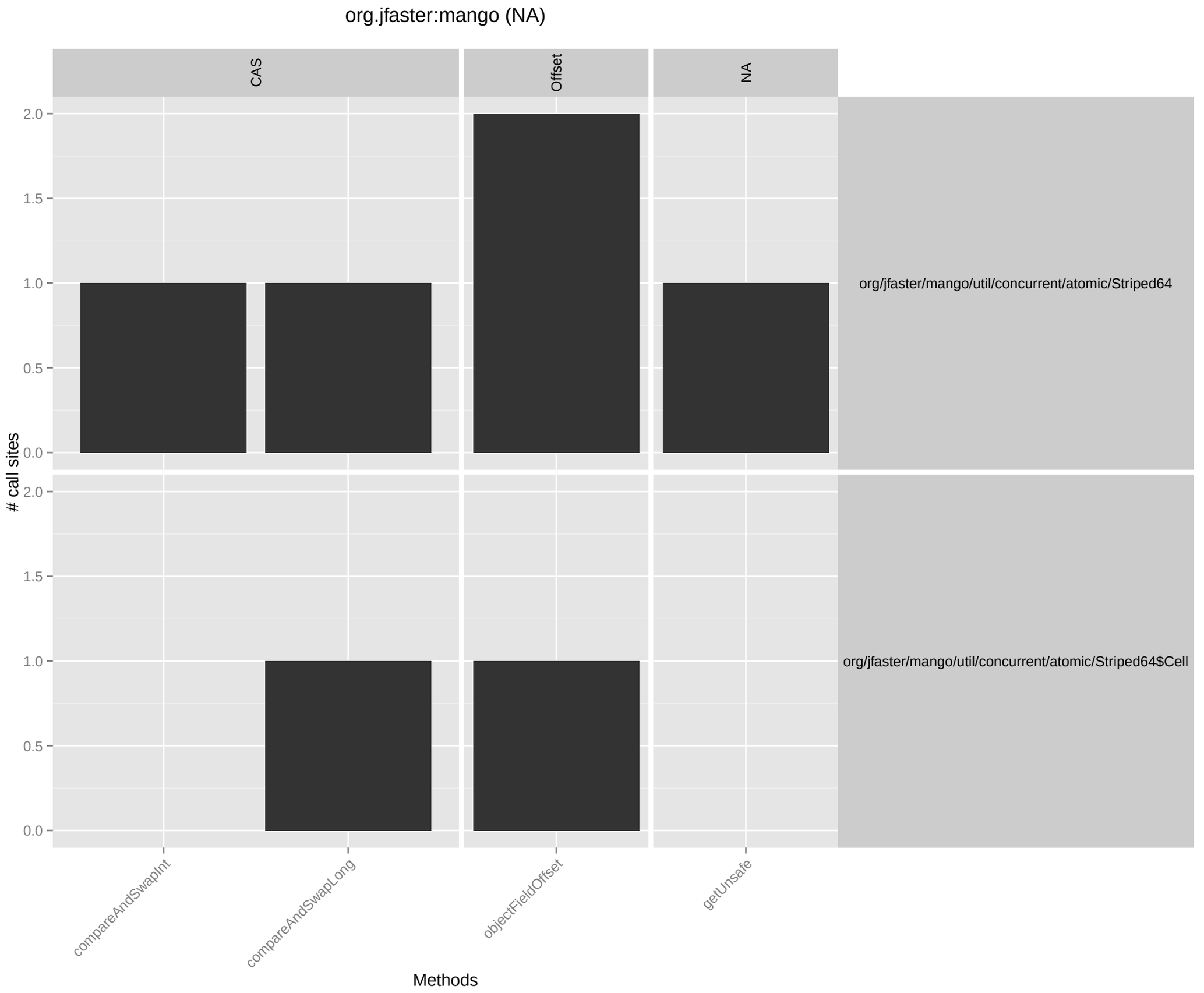

org.jadira.reflection.cloning:cloning (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jadira/reflection/access/unsafe/UnsafeOperations
call sites
0
1
2
3
4
5
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
allocateMemory
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

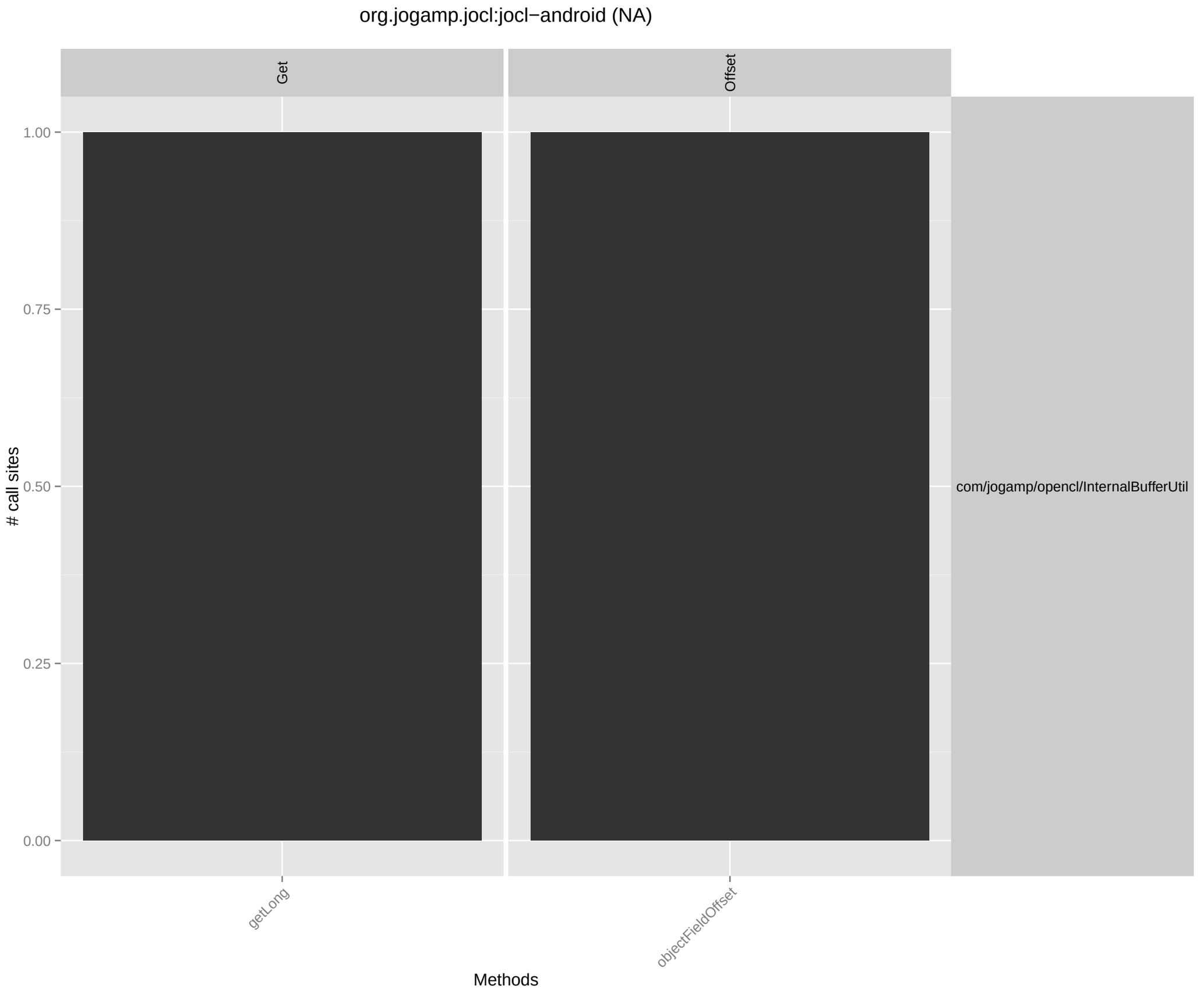

org.jboss.errai.io.netty:netty−common (NA)
CAS
Offset
Put
NA
io/netty/util/internal/LinkedTransferQueue
io/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

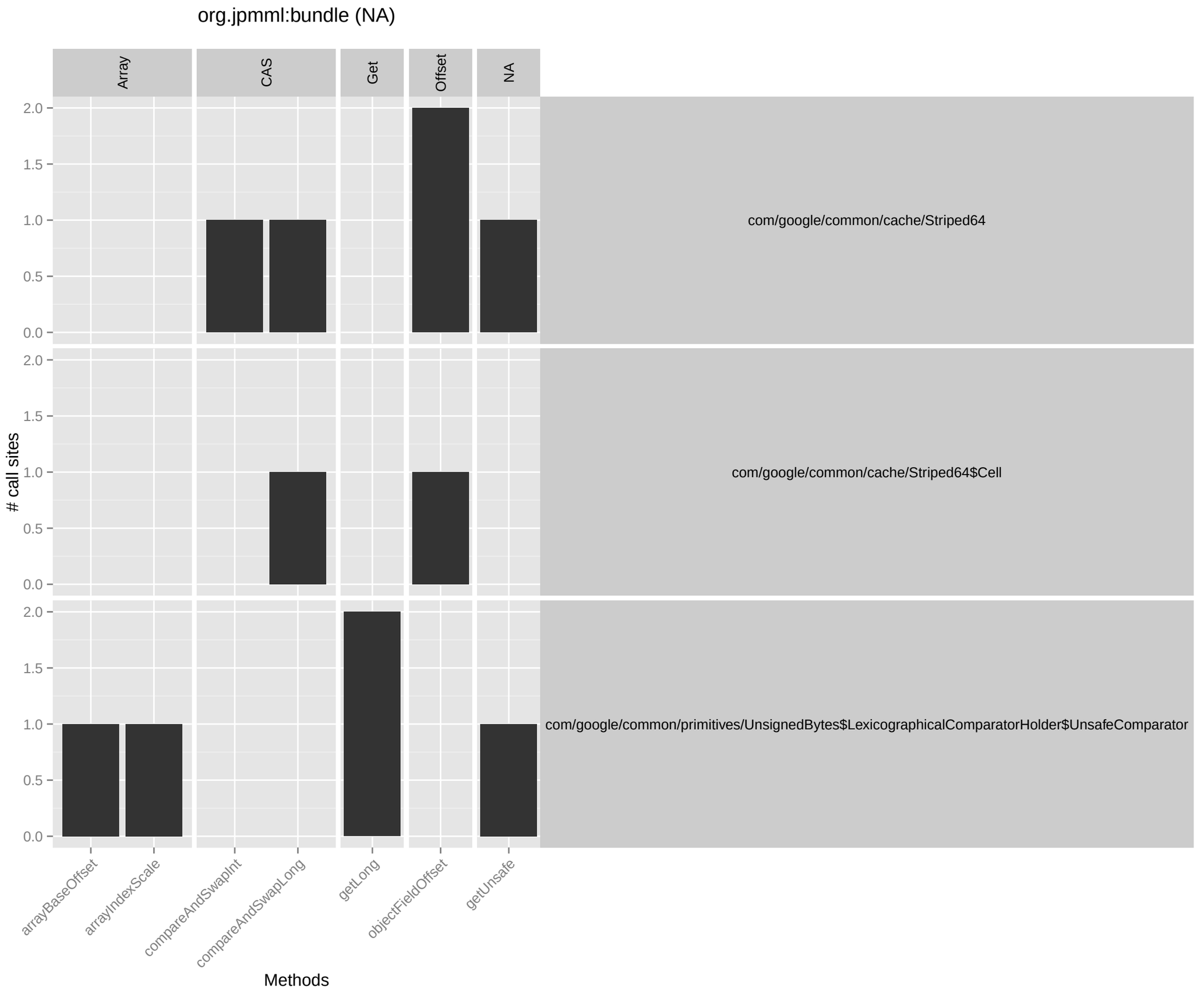

org.jboss.spec:jboss−javaee−all−6.0 (NA)
Get
Offset
Put
Throw
org/jboss/sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

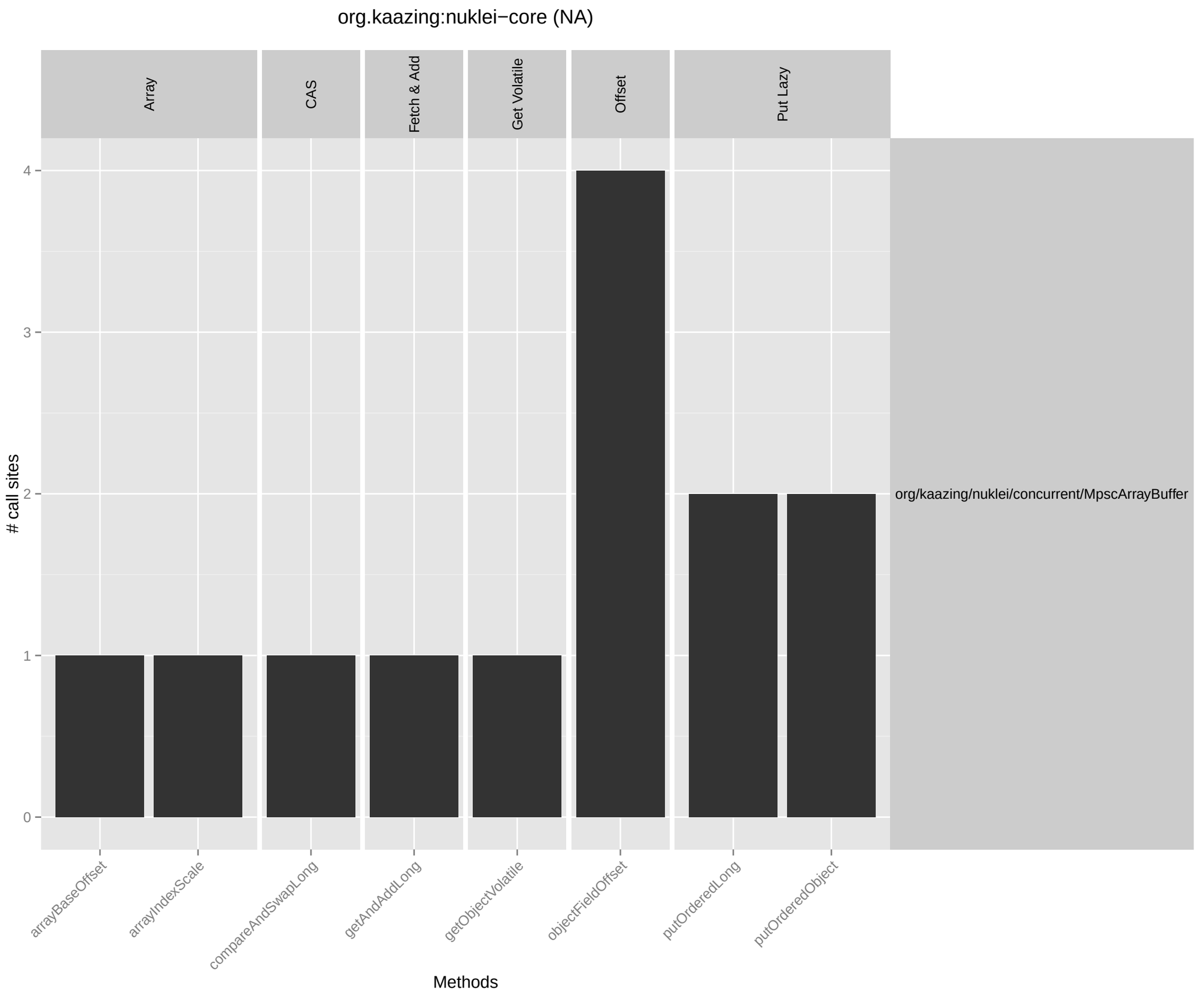

org.jcoffee:elasticsearch−orm (NA)
Alloc
Get
Offset
Put
org/jcoffee/orm/UnsafeMemory
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getObject
objectFieldOffset
putObject
Methods

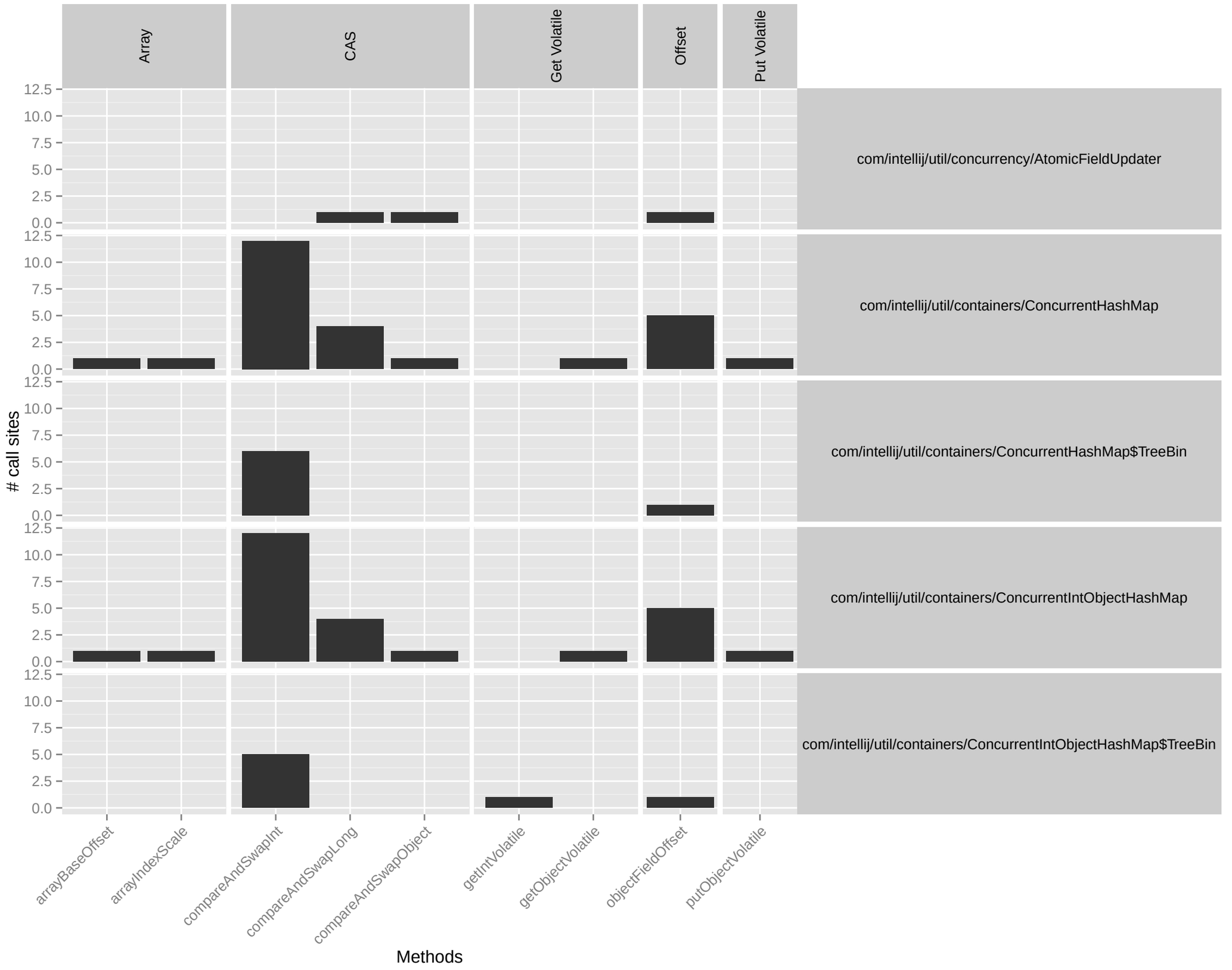

org.jcoffee:serialization−unsafe (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jcoffee/serialization/UnsafeMemory
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

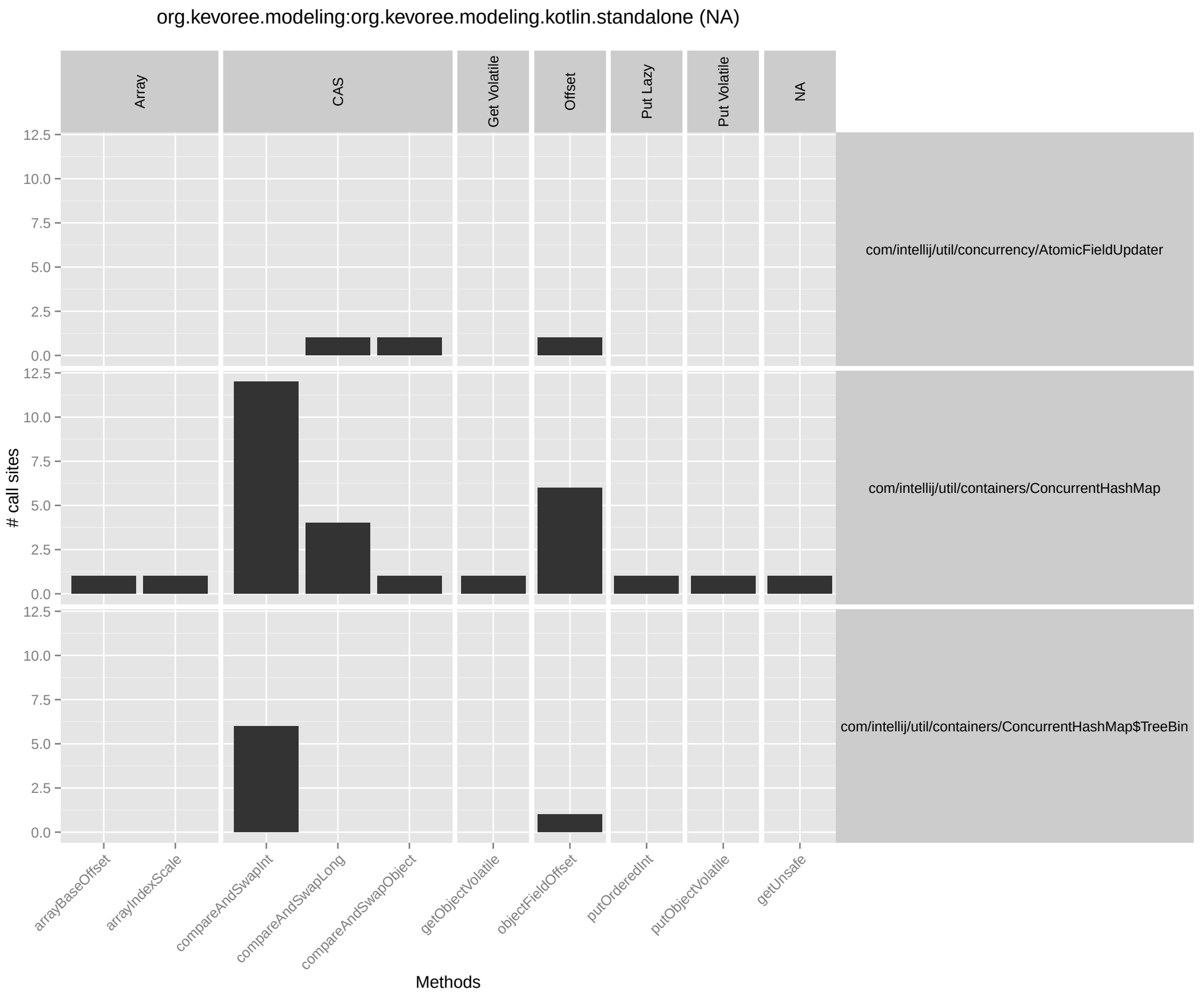

org.jfaster:mango (NA)
CAS
Offset
NA
org/jfaster/mango/util/concurrent/atomic/Striped64
org/jfaster/mango/util/concurrent/atomic/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

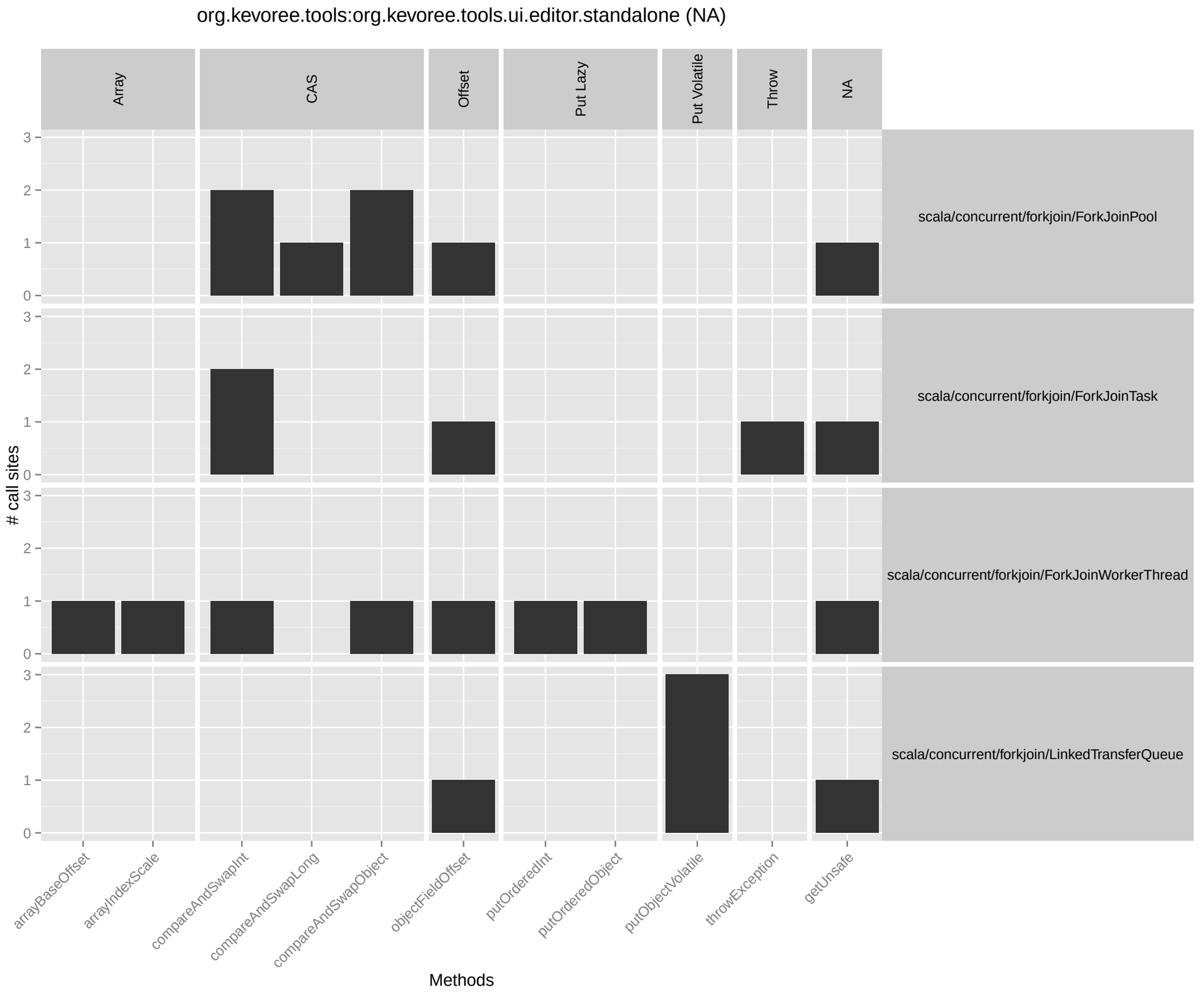

org.jogamp.jocl:jocl−android (NA)
Get
Offset
com/jogamp/opencl/InternalBufferUtil
1.00
0.75
0.50
0.25
0.00
call sites
getLong
objectFieldOffset
Methods

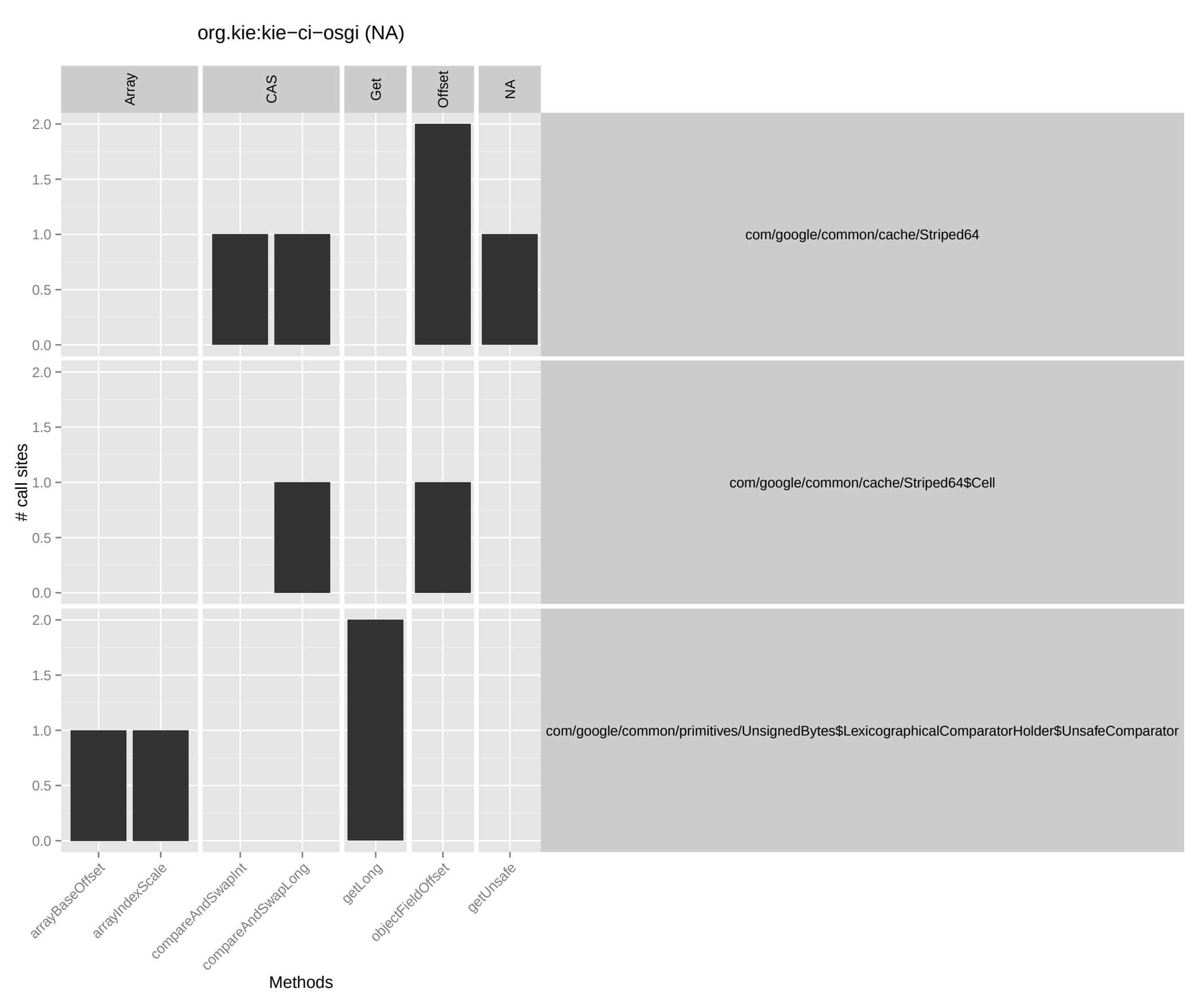

org.jpmml:bundle (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

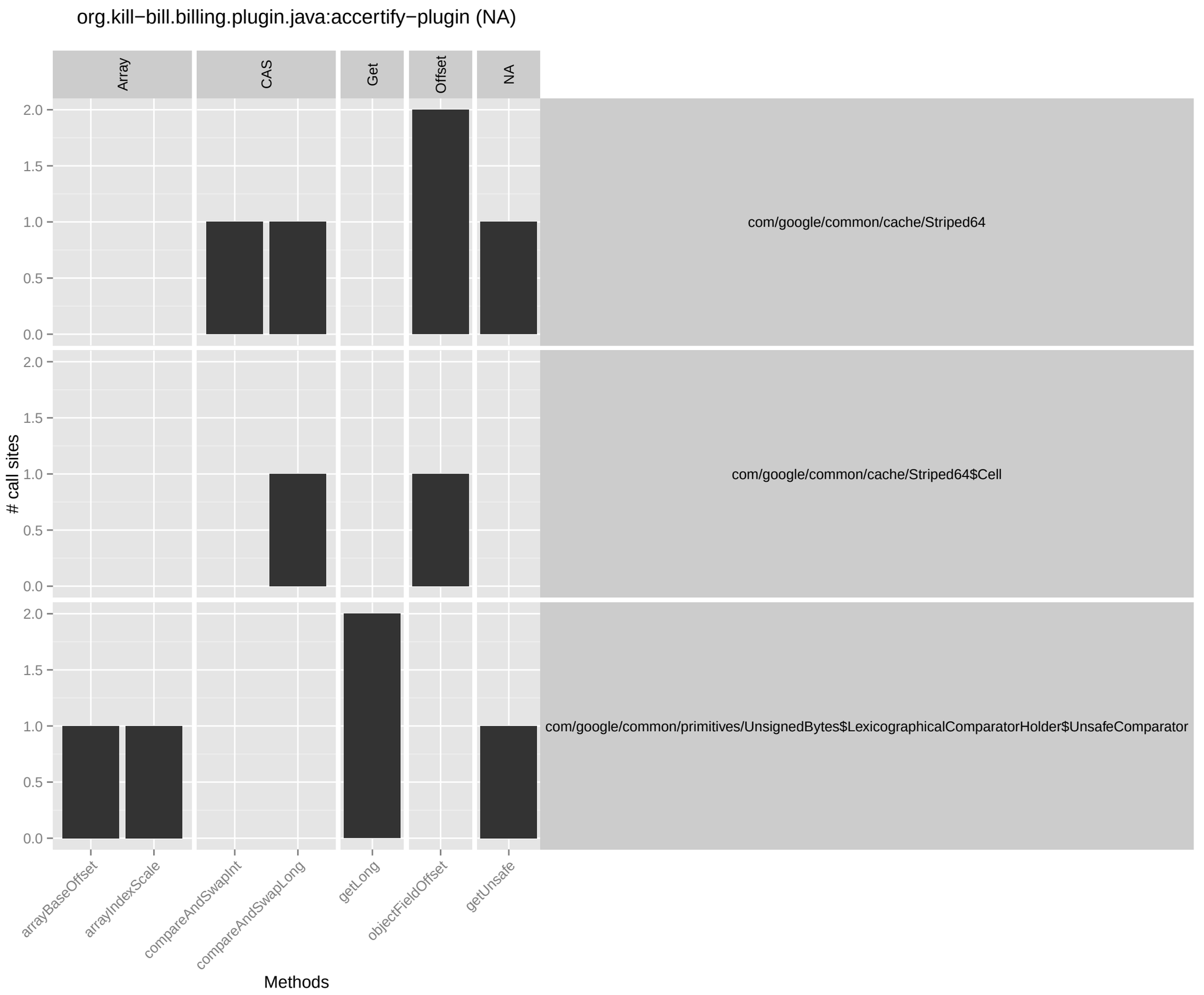

org.kaazing:nuklei−core (NA)
Array
CAS
Fetch & Add
Get Volatile
Offset
Put Lazy
org/kaazing/nuklei/concurrent/MpscArrayBuffer
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getAndAddLong
getObjectVolatile
objectFieldOffset
putOrderedLong
putOrderedObject
Methods

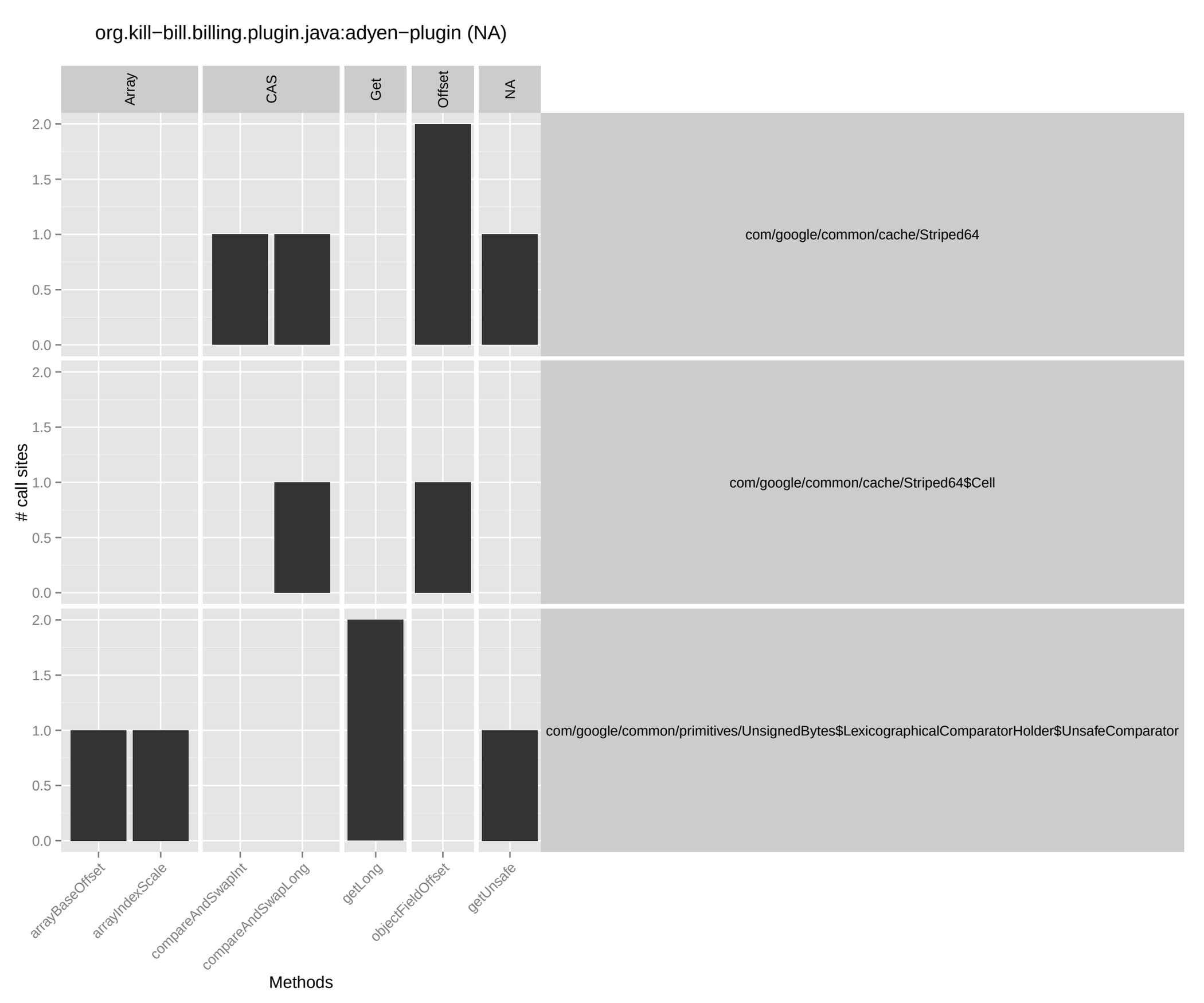

org.kevoree.modeling:org.kevoree.modeling.generator.standalone (NA)
Array
CAS
Get Volatile
Offset
Put Volatile
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
com/intellij/util/containers/ConcurrentIntObjectHashMap
com/intellij/util/containers/ConcurrentIntObjectHashMap$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

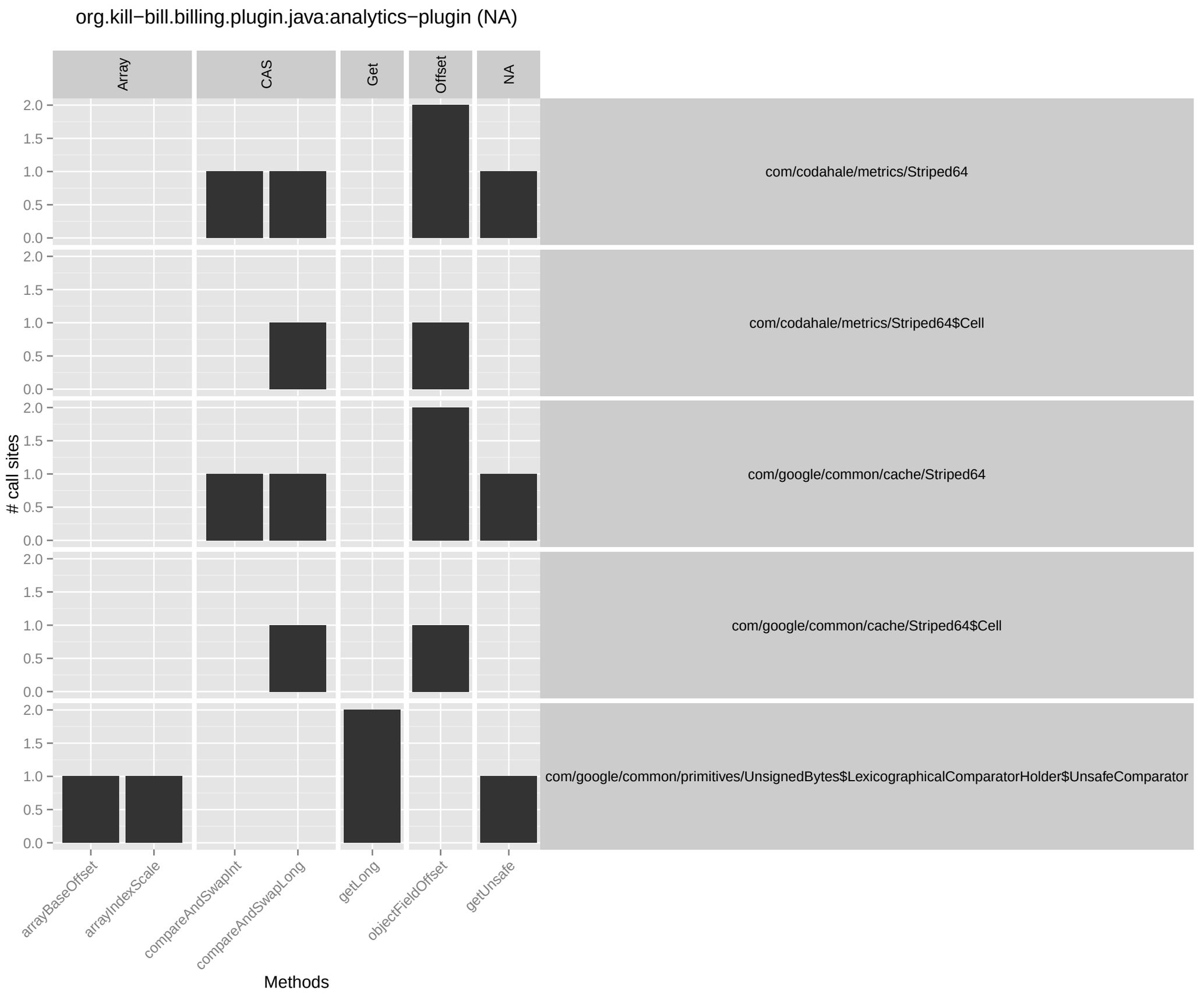

org.kevoree.modeling:org.kevoree.modeling.kotlin.standalone (NA)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

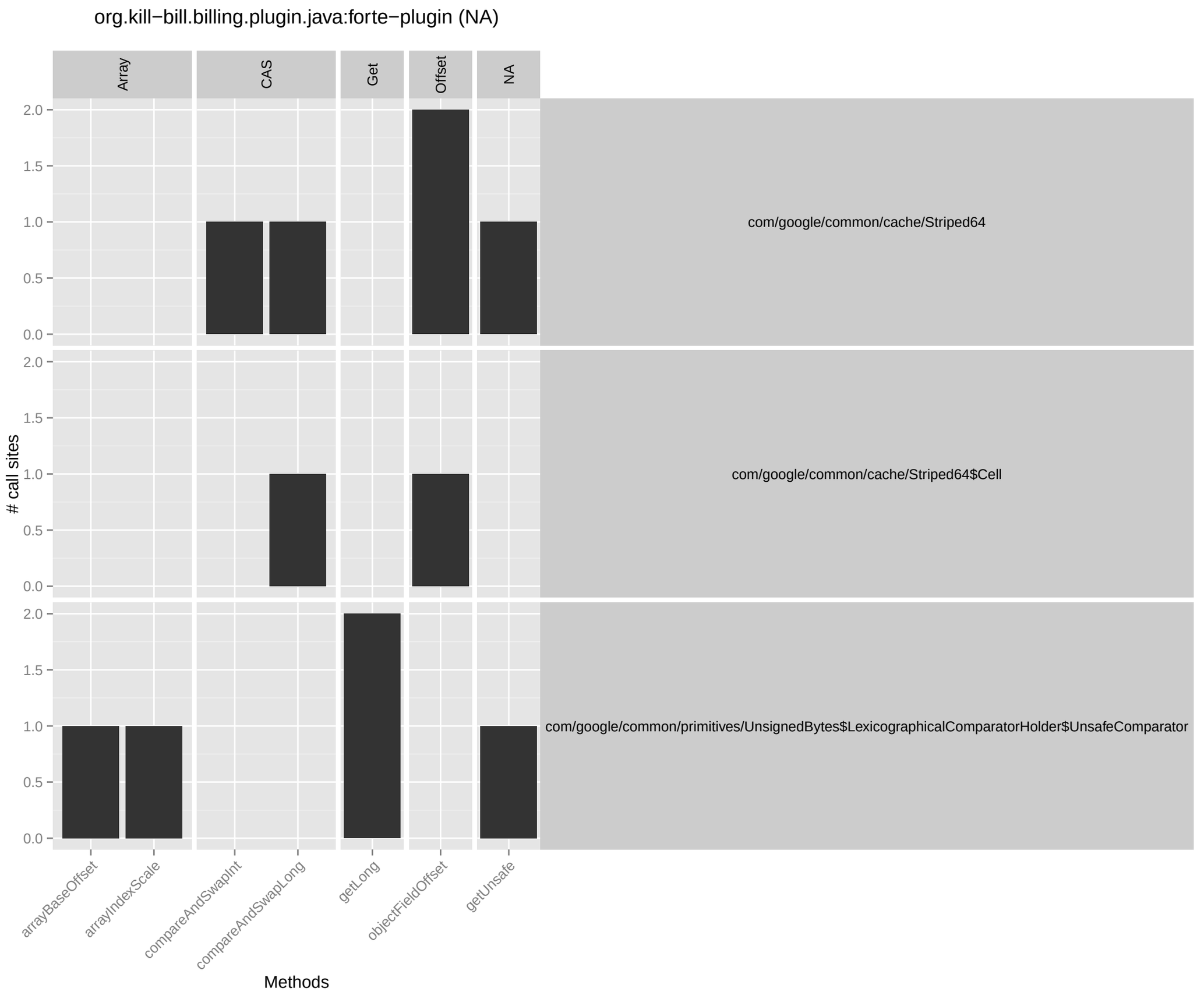

org.kevoree.tools:org.kevoree.tools.ui.editor.standalone (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

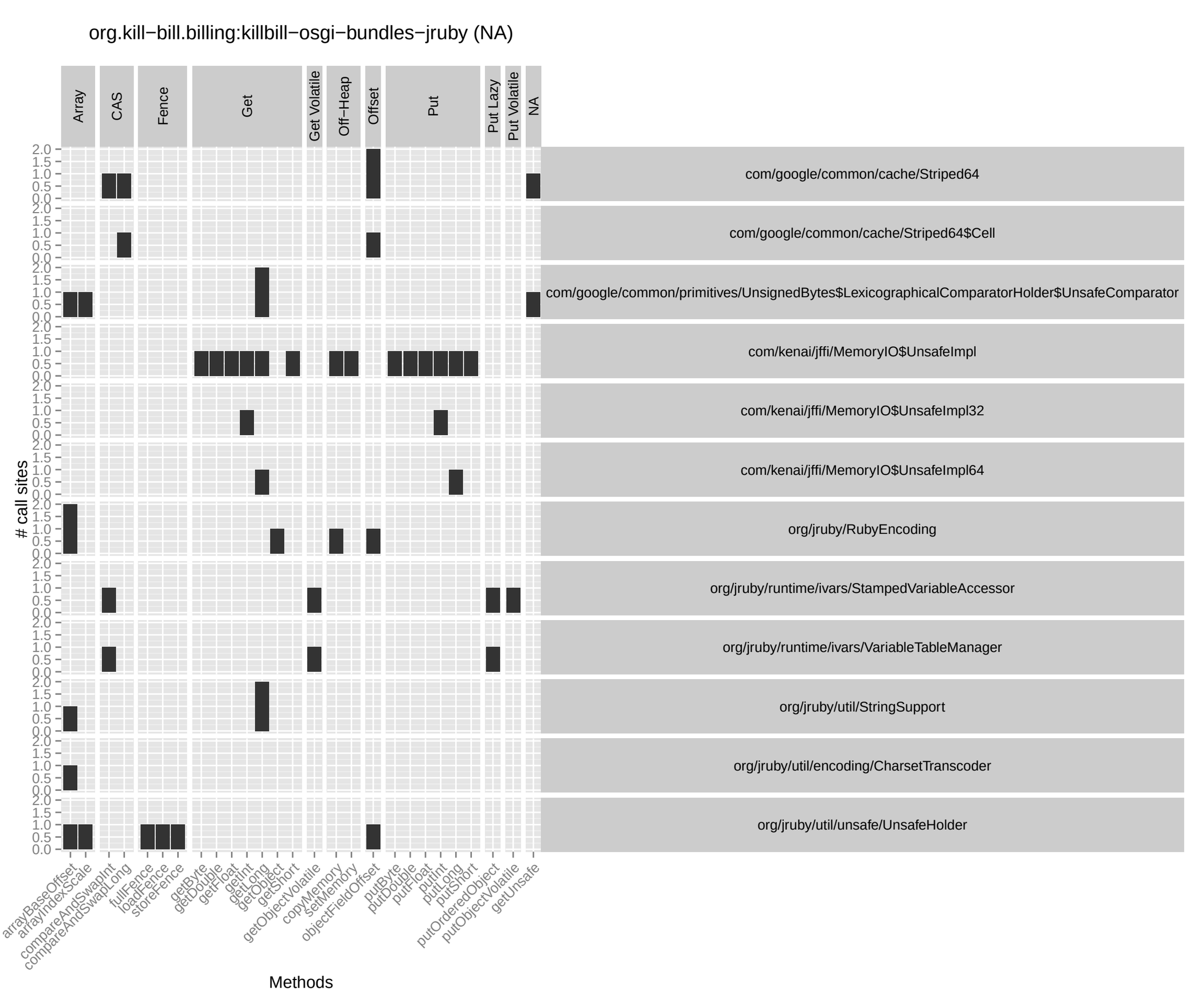

org.kie:kie−ci−osgi (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

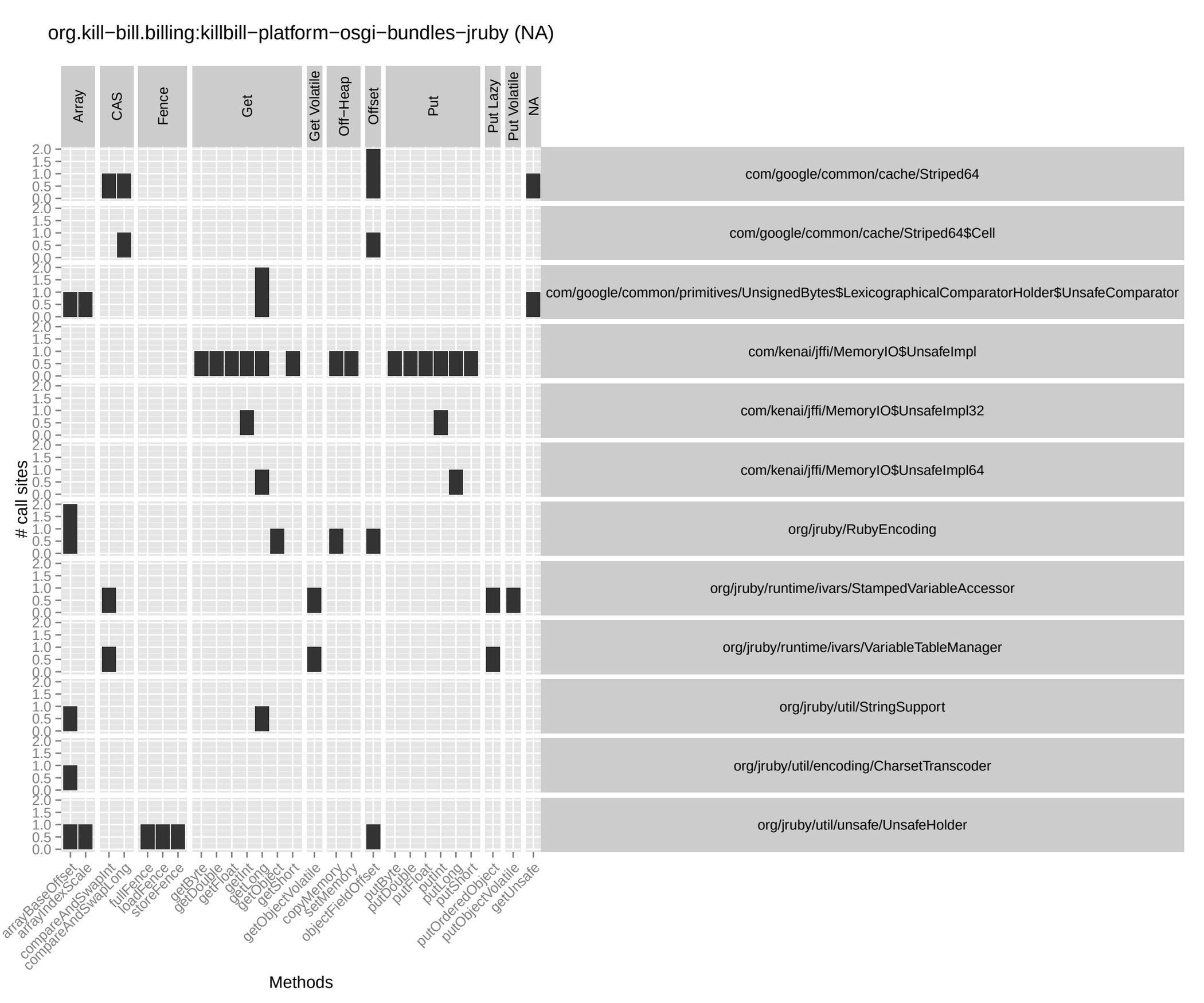

org.kill−bill.billing.plugin.java:accertify−plugin (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

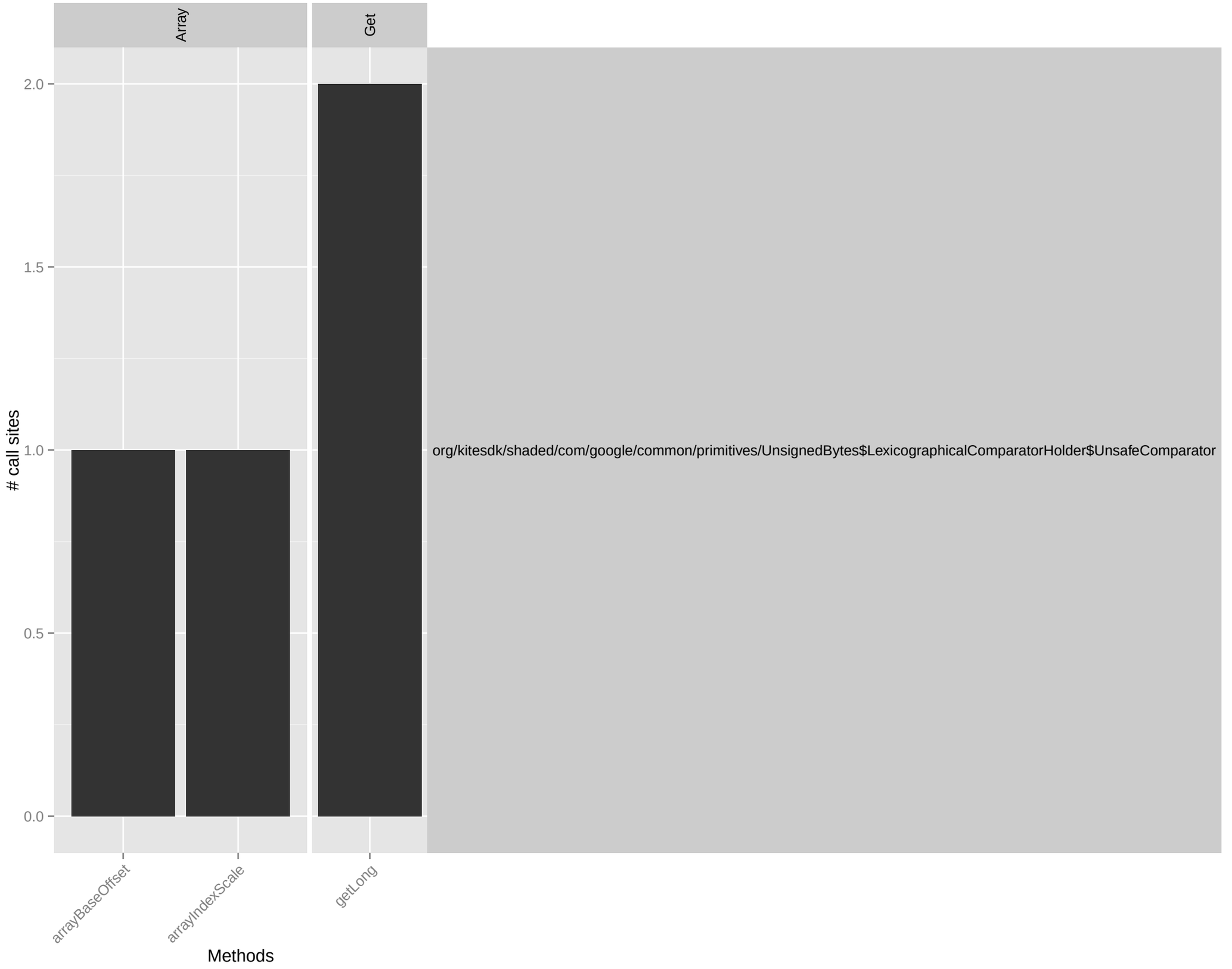

org.kill−bill.billing.plugin.java:adyen−plugin (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

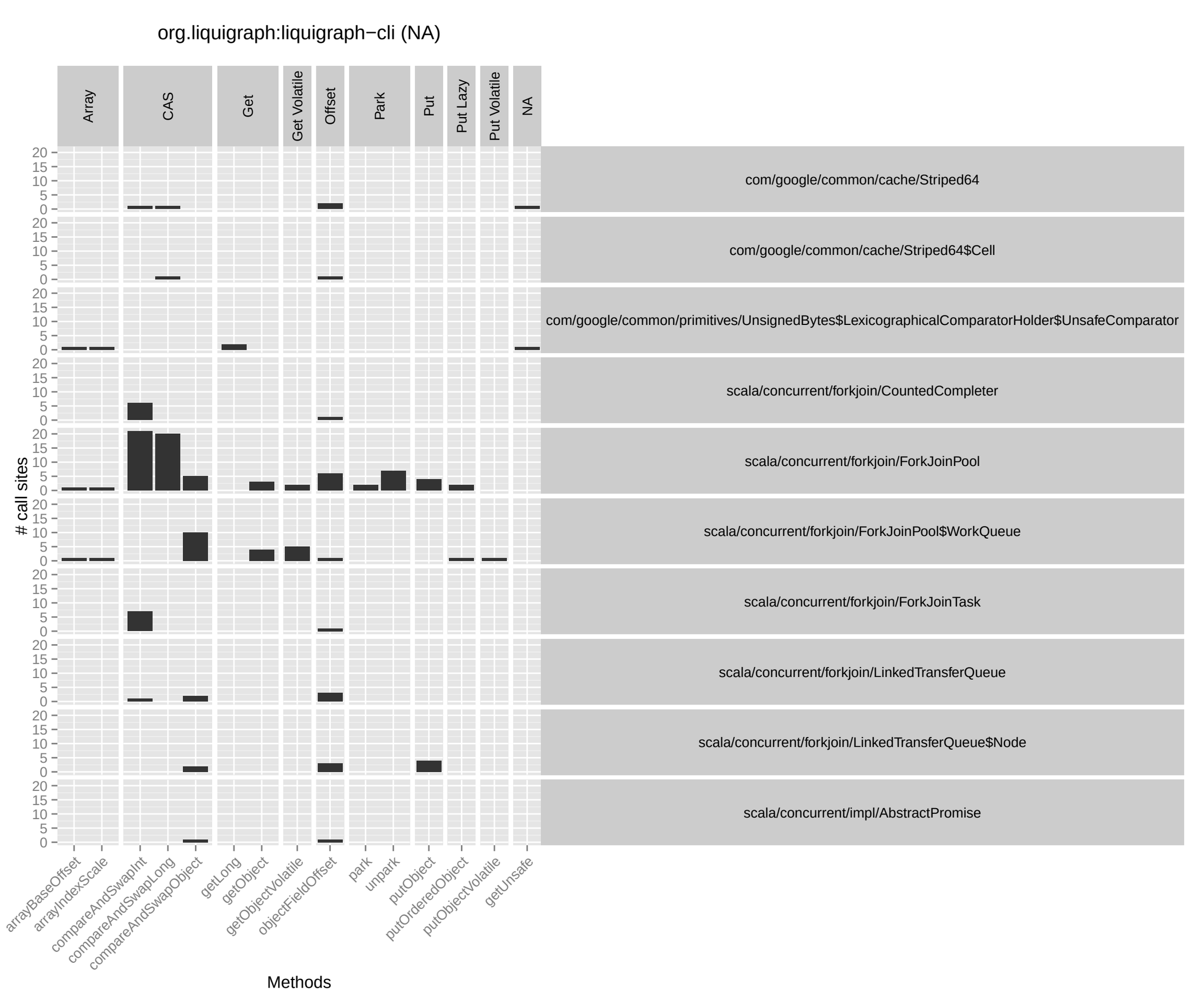

org.kill−bill.billing.plugin.java:analytics−plugin (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

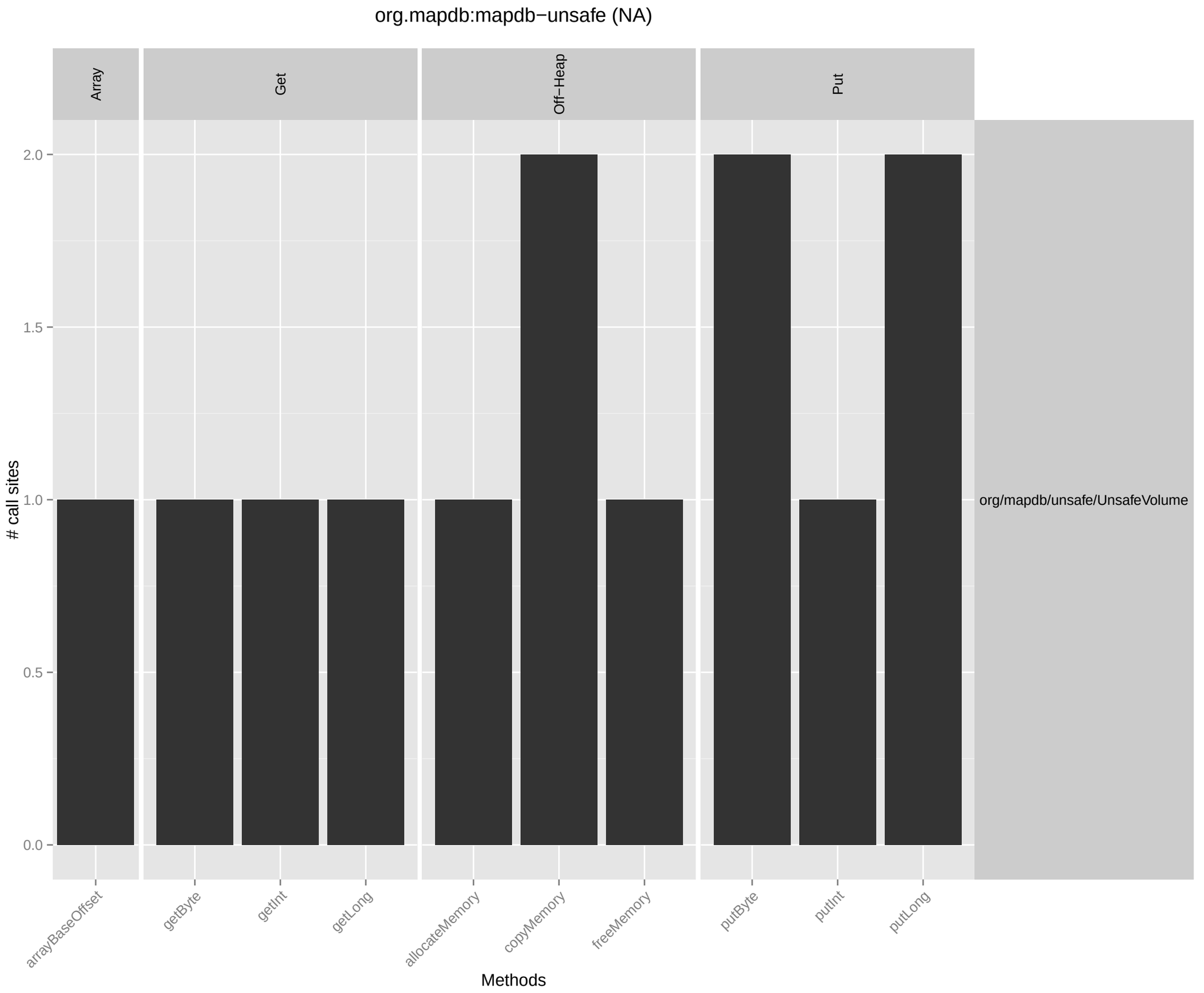

org.kill−bill.billing.plugin.java:forte−plugin (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

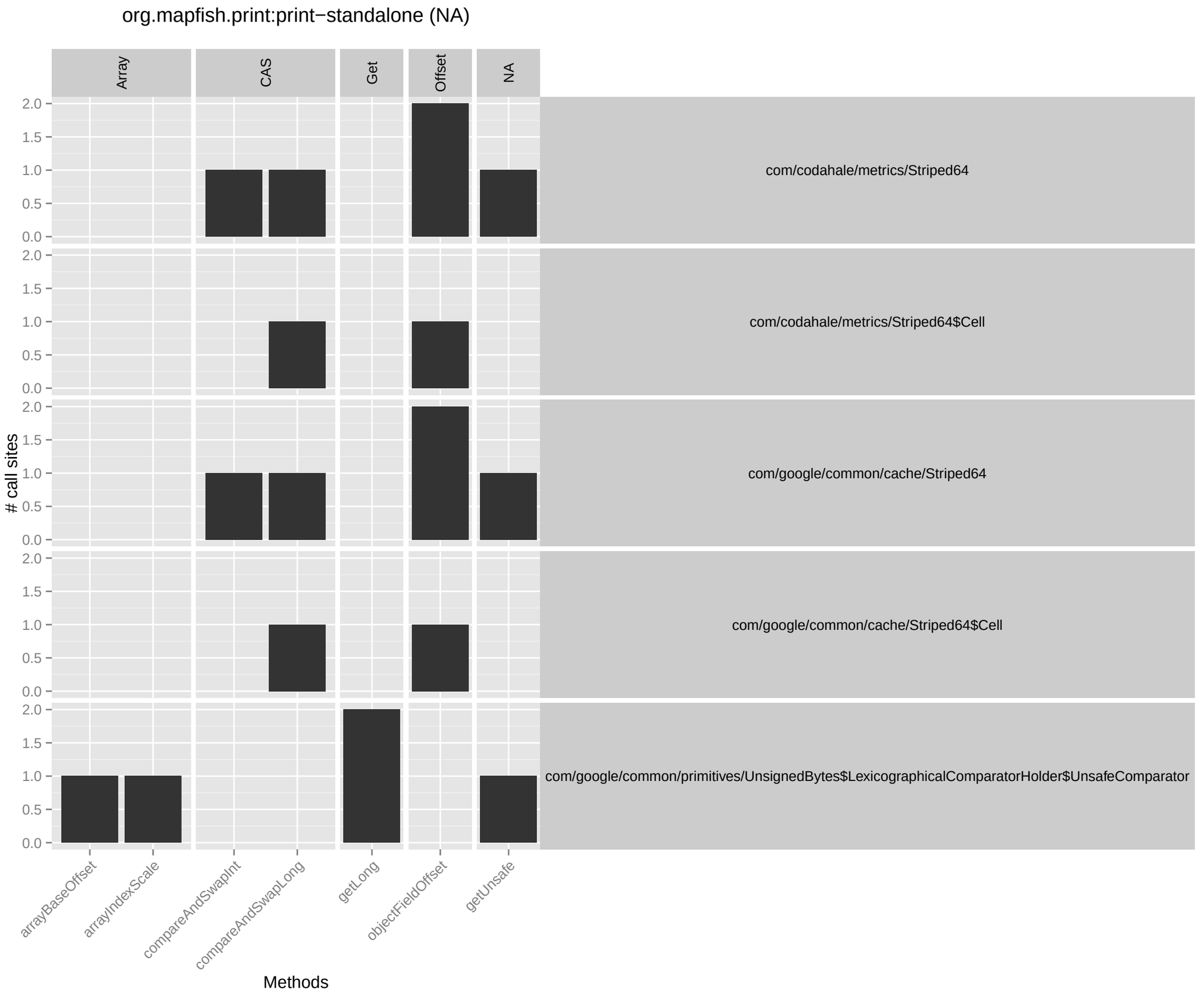

org.kill−bill.billing:killbill−osgi−bundles−jruby (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

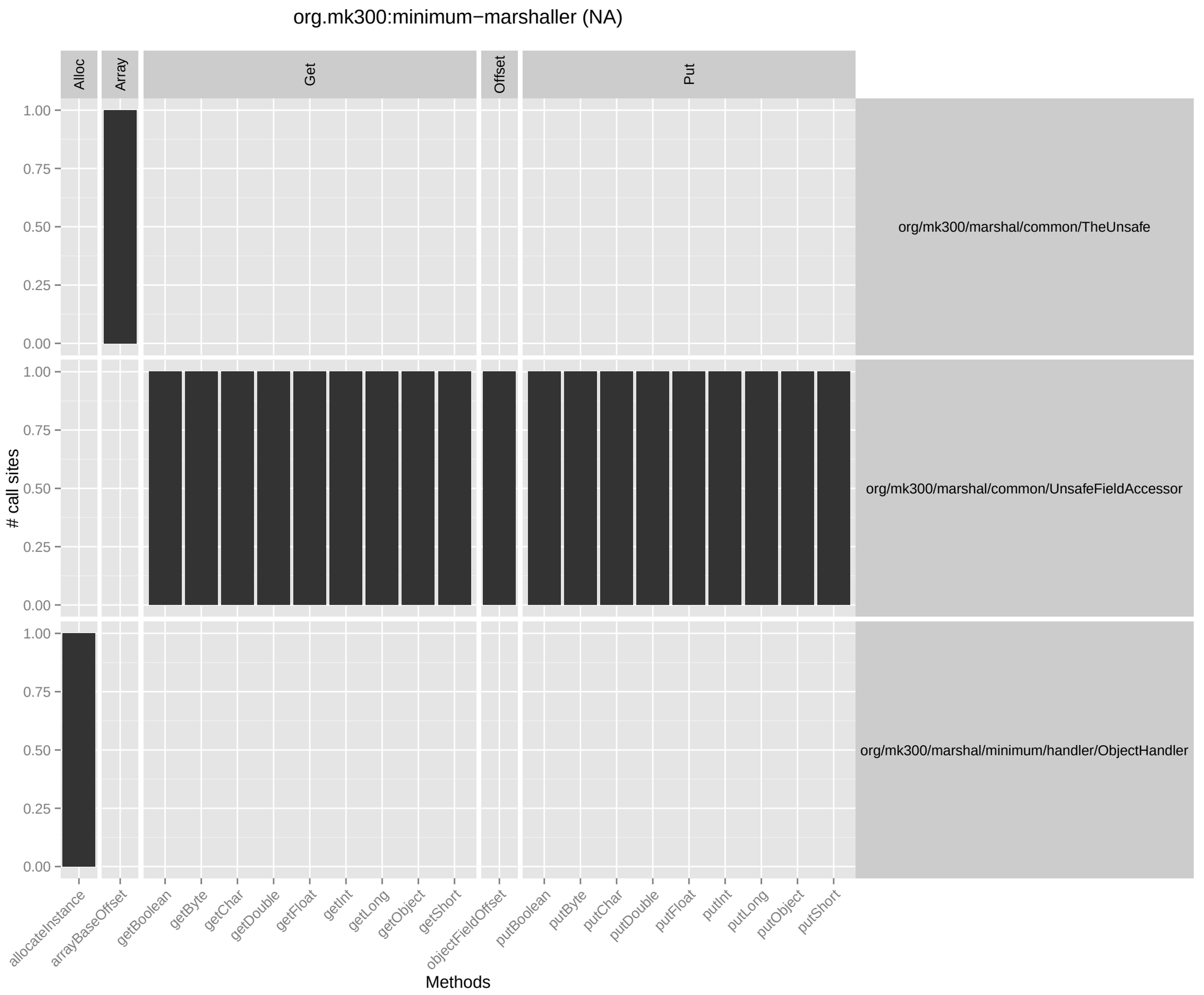

org.kill−bill.billing:killbill−platform−osgi−bundles−jruby (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

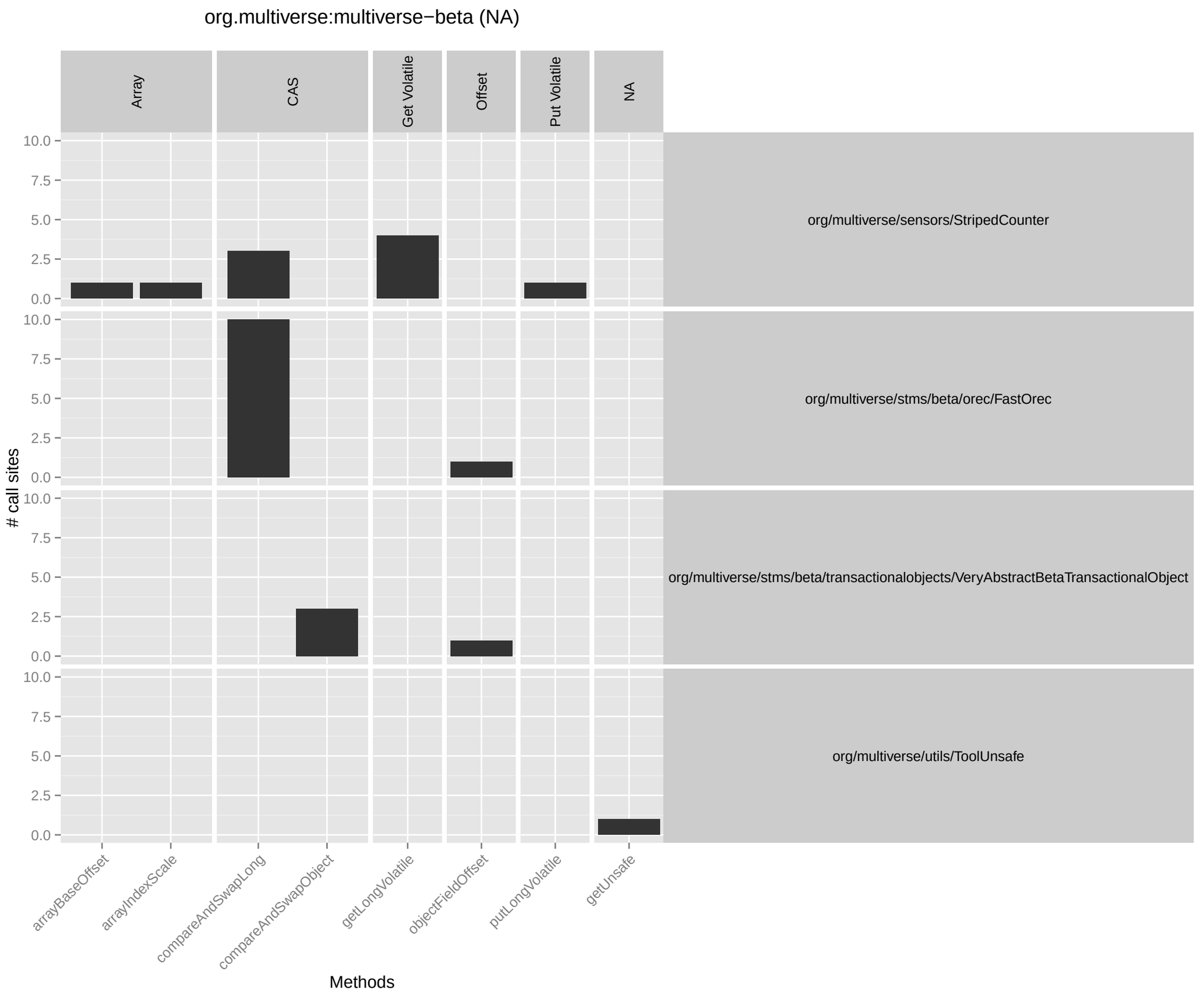

org.kitesdk:kite−data−crunch (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

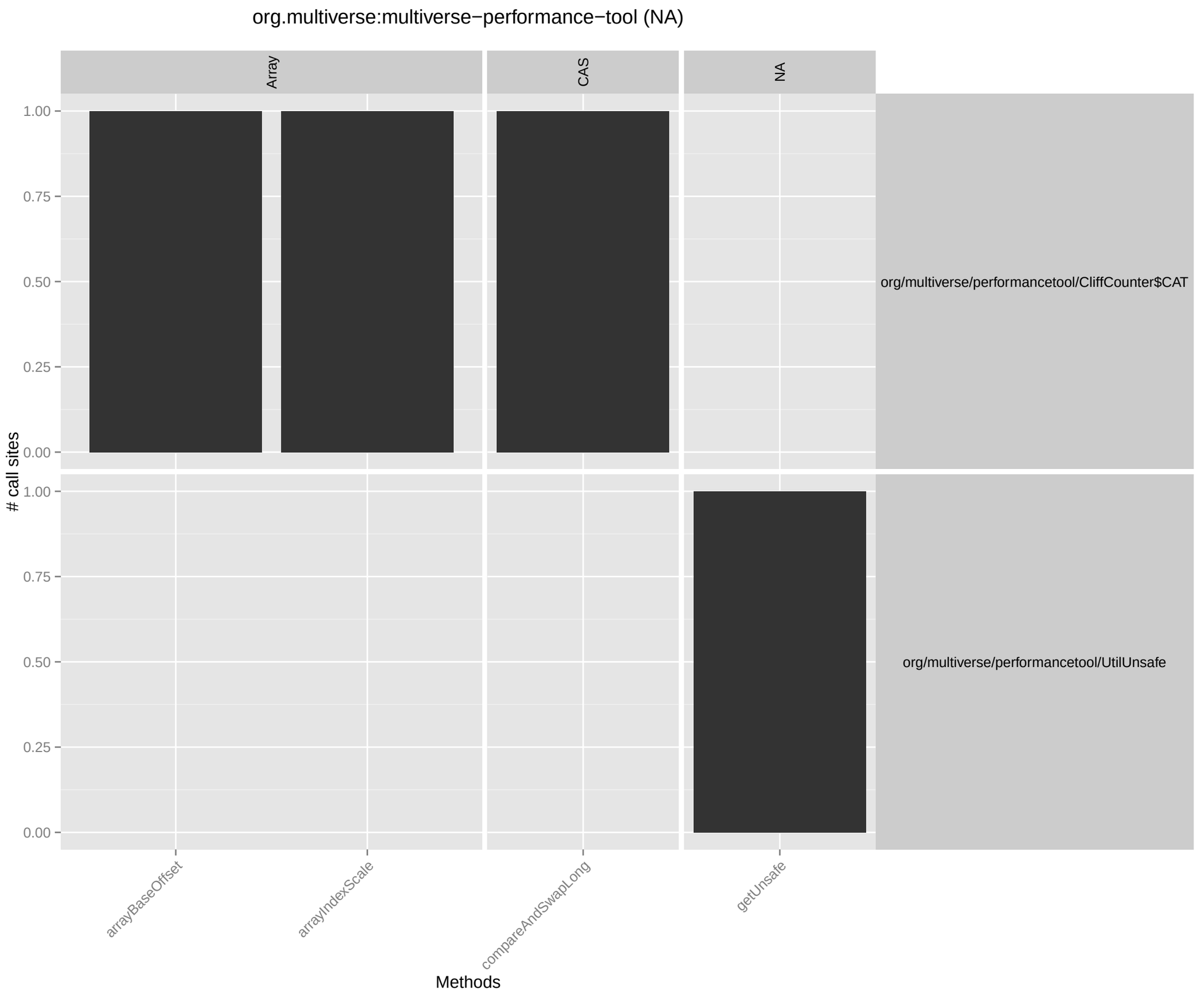

org.liquigraph:liquigraph−cli (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

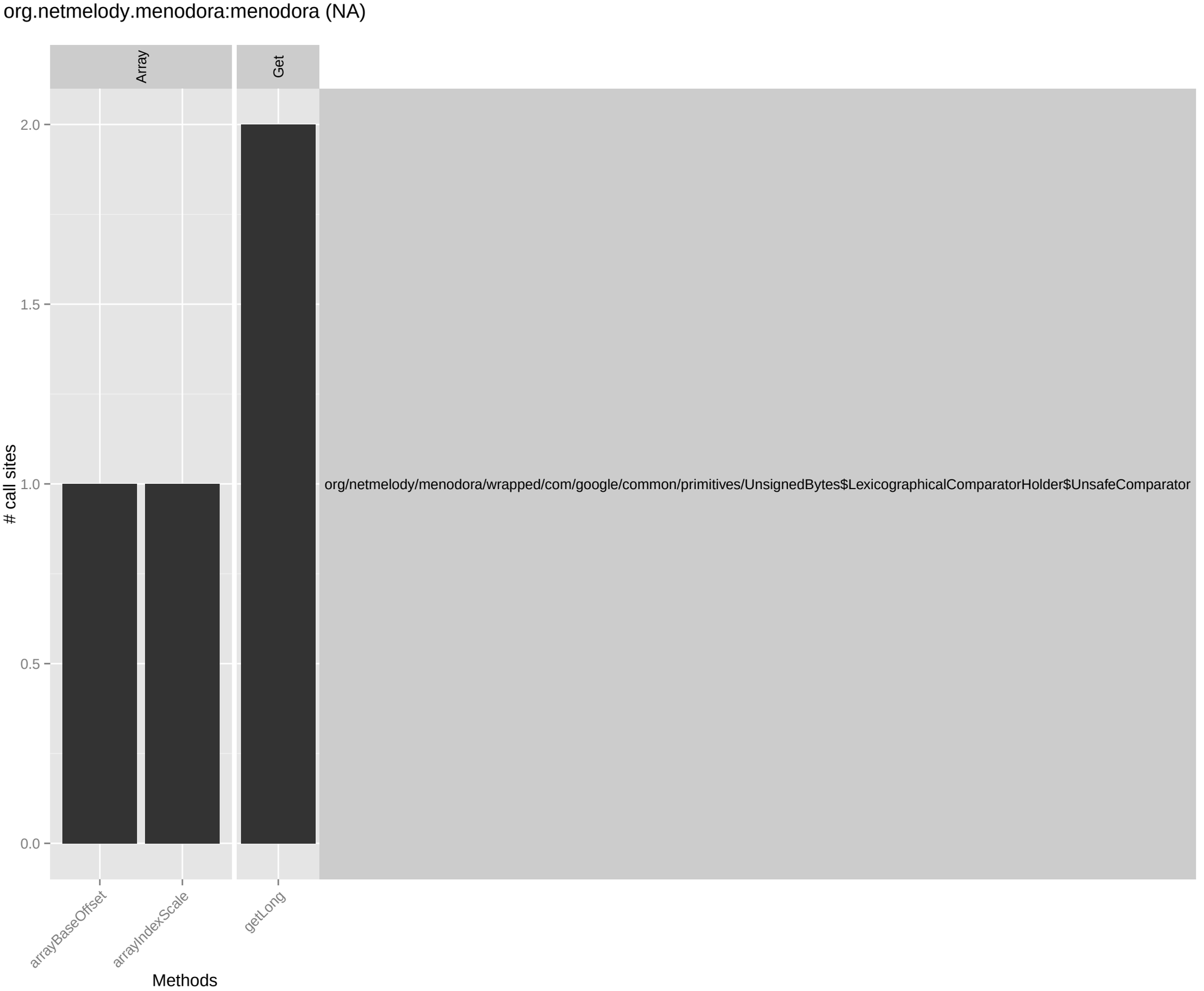

org.mapdb:mapdb−unsafe (NA)
Array
Get
Off−Heap
Put
org/mapdb/unsafe/UnsafeVolume
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
getByte
getInt
getLong
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
Methods

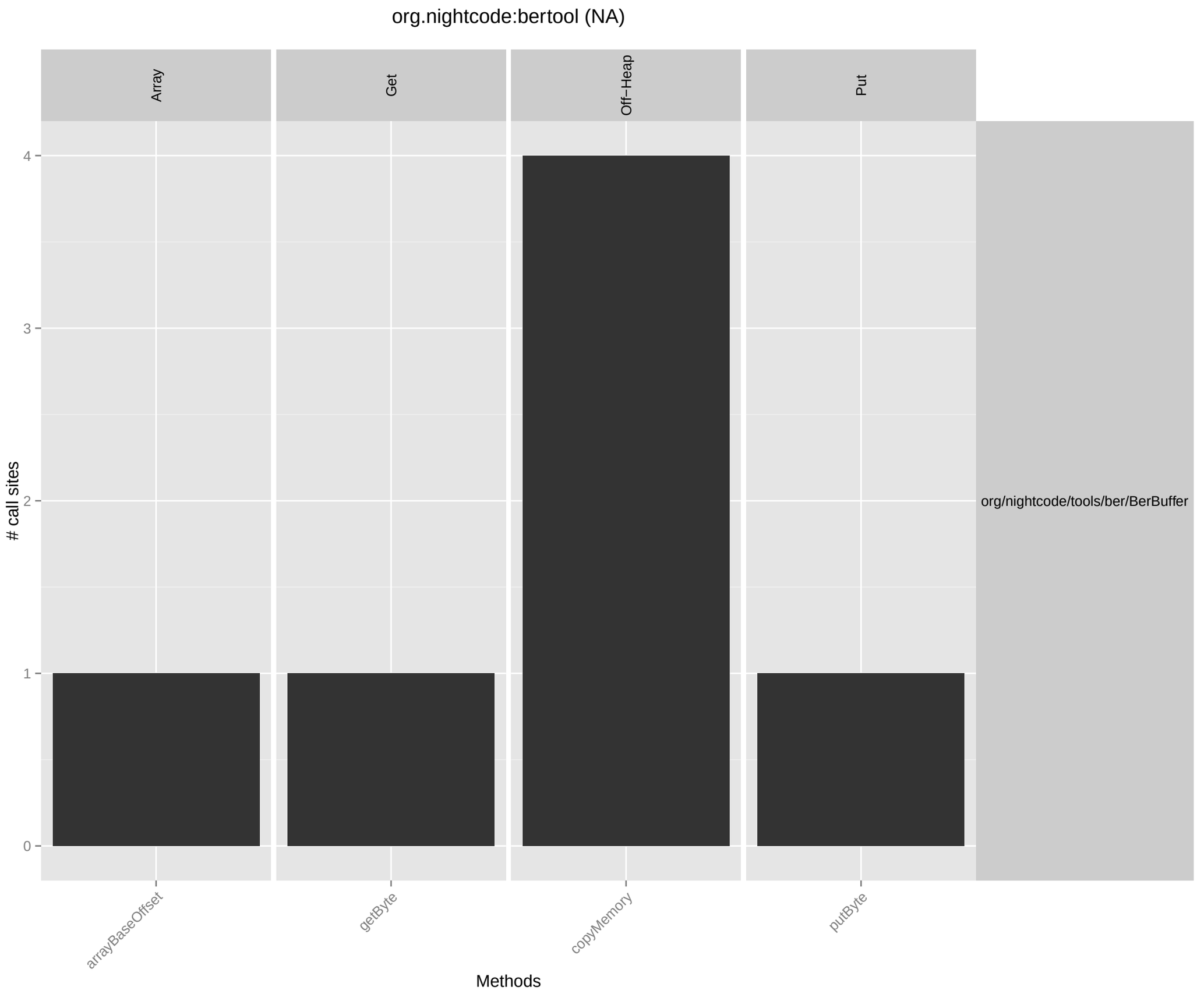

org.mapfish.print:print−standalone (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

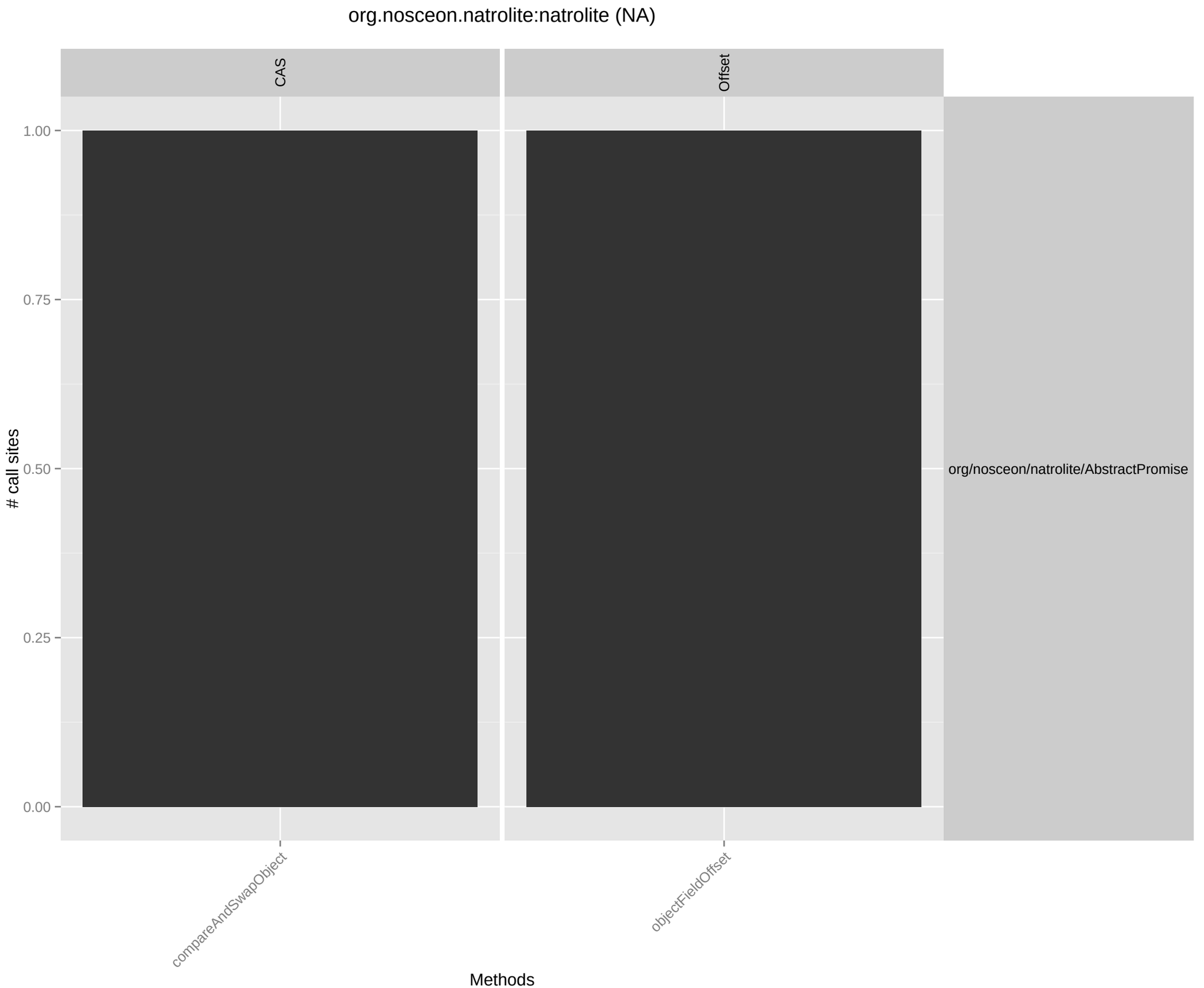

org.mk300:minimum−marshaller (NA)
Alloc
Array
Get
Offset
Put
org/mk300/marshal/common/TheUnsafe
org/mk300/marshal/common/UnsafeFieldAccessor
org/mk300/marshal/minimum/handler/ObjectHandler
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

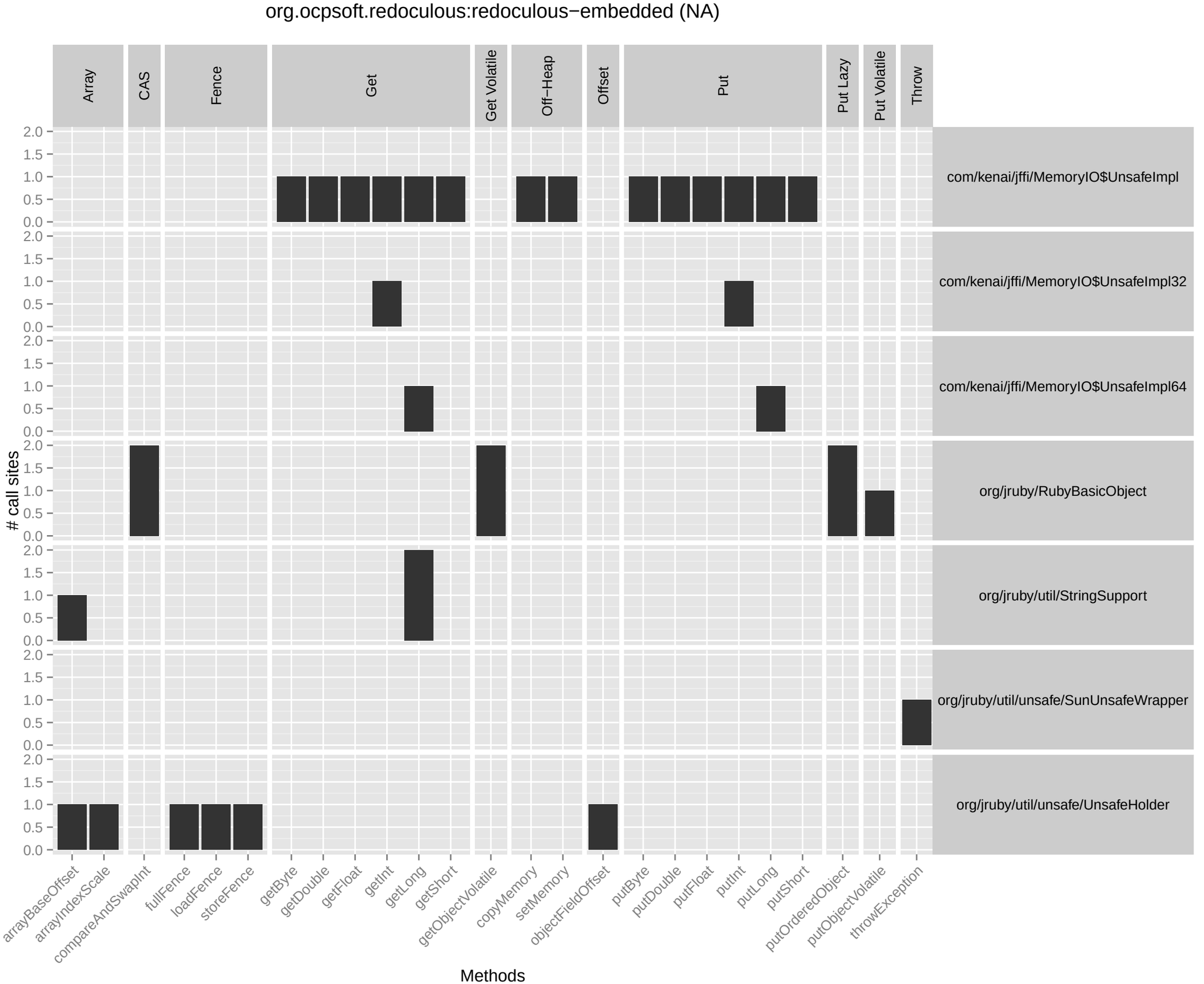

org.multiverse:multiverse−beta (NA)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
org/multiverse/sensors/StripedCounter
org/multiverse/stms/beta/orec/FastOrec
org/multiverse/stms/beta/transactionalobjects/VeryAbstractBetaTransactionalObject
org/multiverse/utils/ToolUnsafe
call sites
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
getLongVolatile
objectFieldOffset
putLongVolatile
getUnsafe
Methods

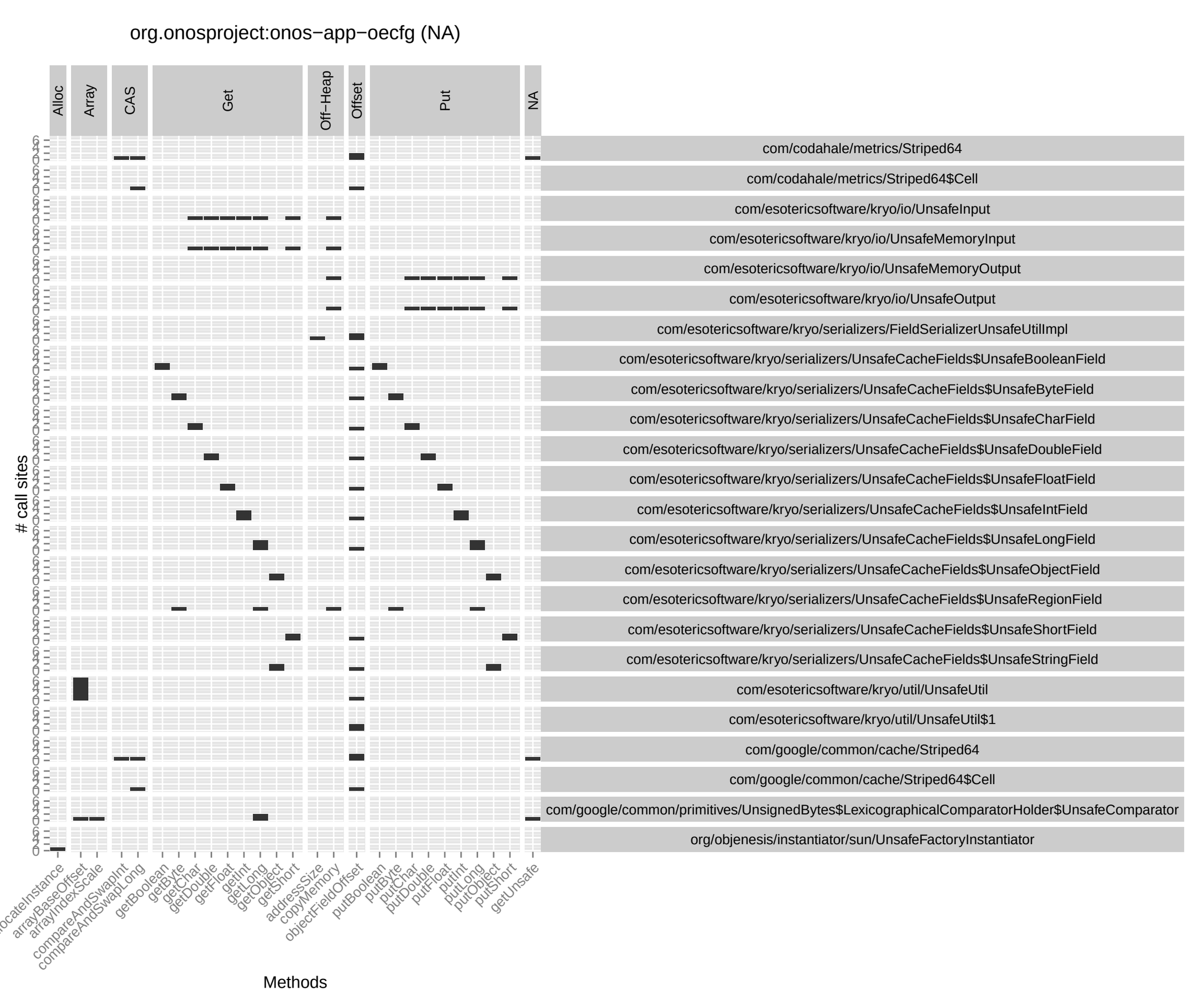

org.multiverse:multiverse−performance−tool (NA)
Array
CAS
NA
org/multiverse/performancetool/CliffCounter$CAT
org/multiverse/performancetool/UtilUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getUnsafe
Methods

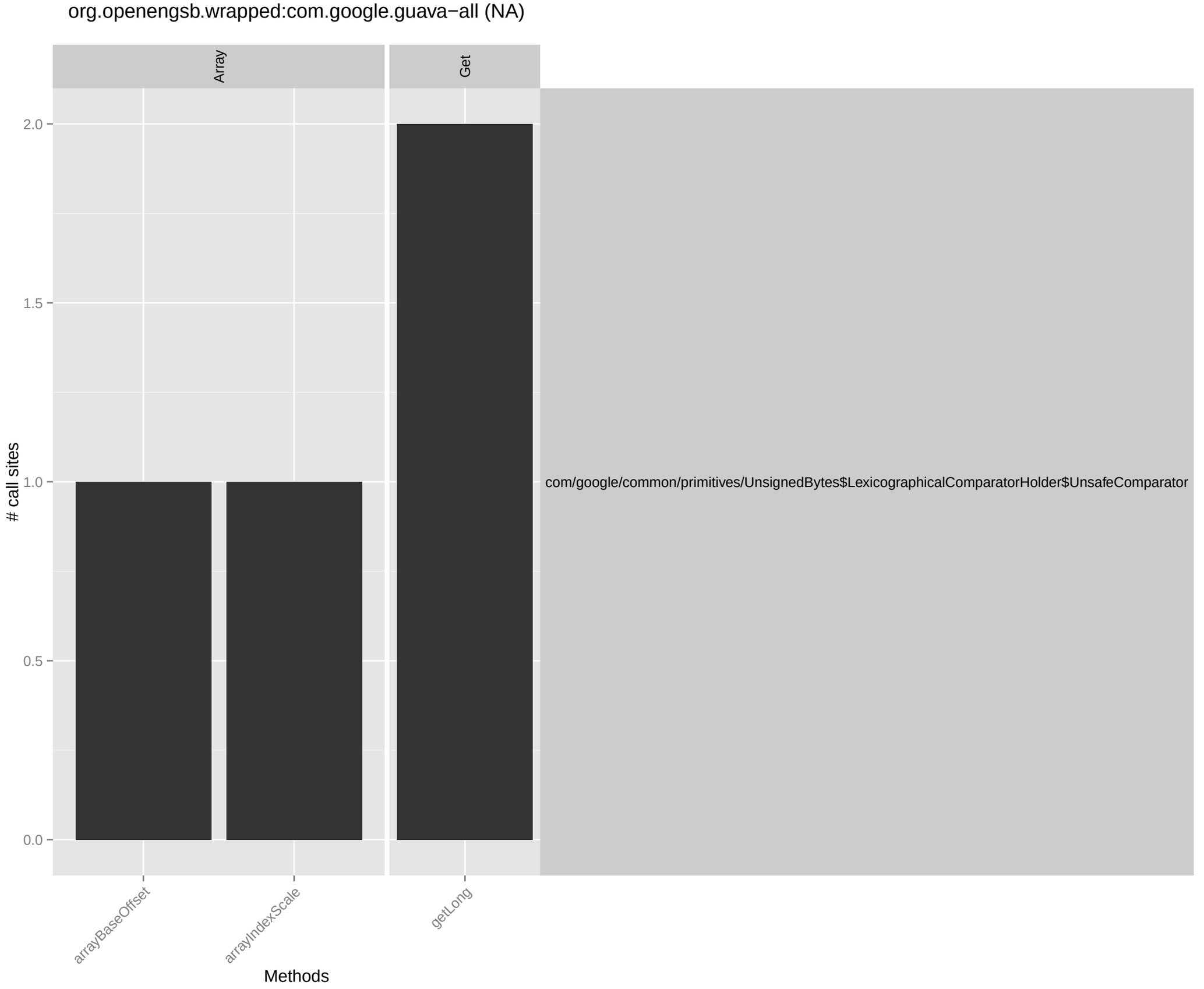

org.netmelody.menodora:menodora (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/netmelody/menodora/wrapped/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

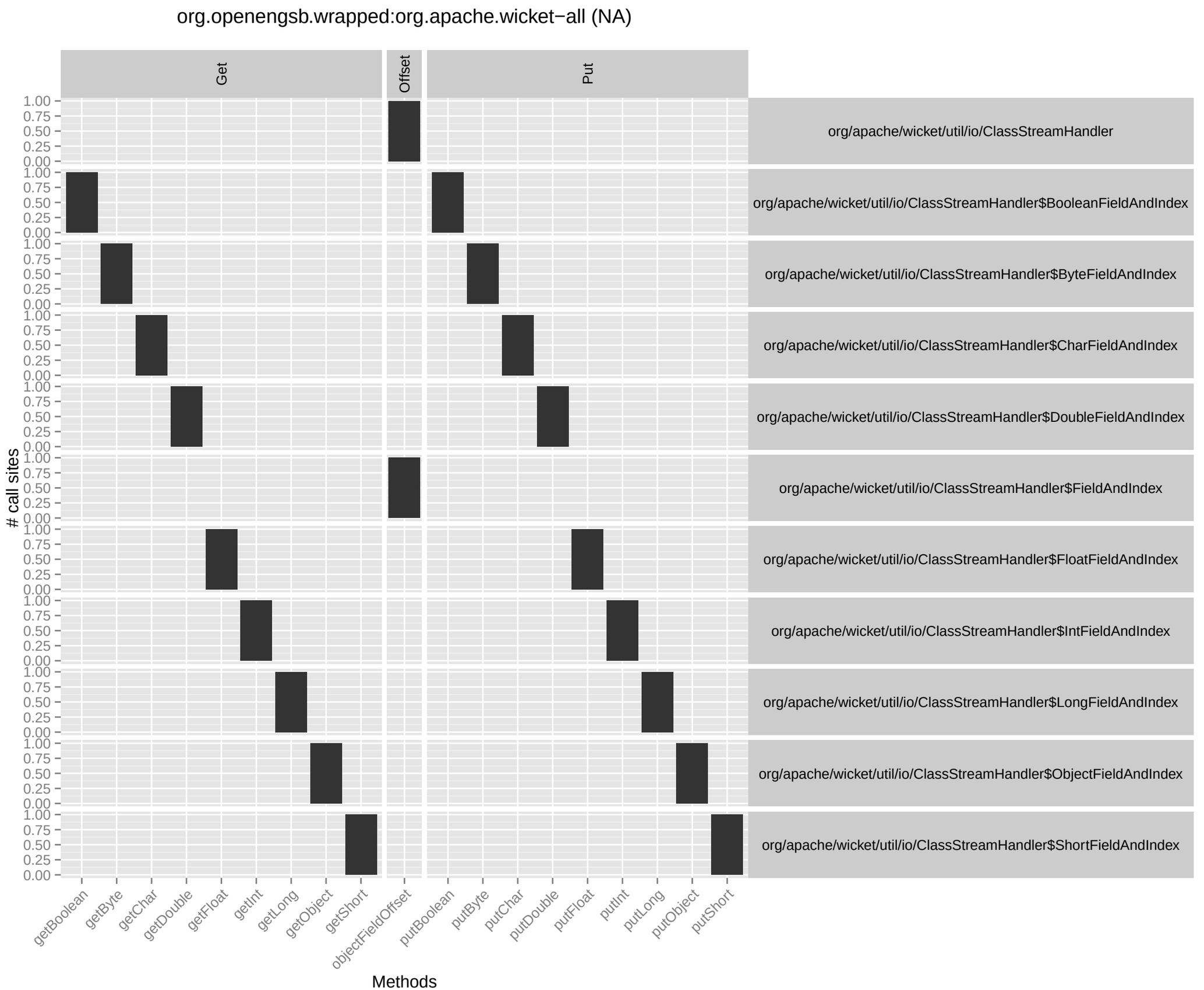

org.nightcode:bertool (NA)
Array
Get
Off−Heap
Put
org/nightcode/tools/ber/BerBuffer
call sites
0
1
2
3
4
arrayBaseOffset
getByte
copyMemory
putByte
Methods

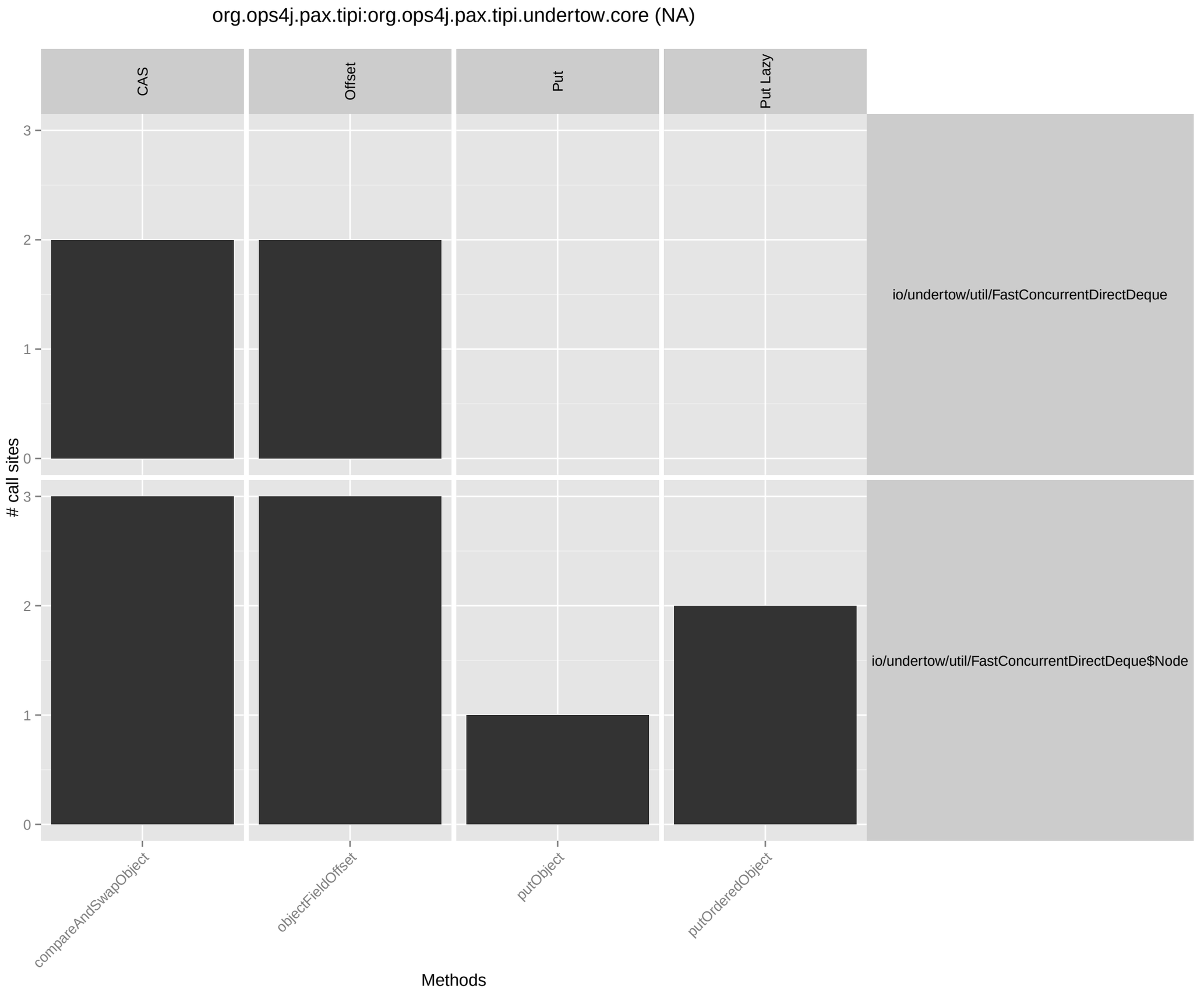

org.nosceon.natrolite:natrolite (NA)
CAS
Offset
org/nosceon/natrolite/AbstractPromise
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

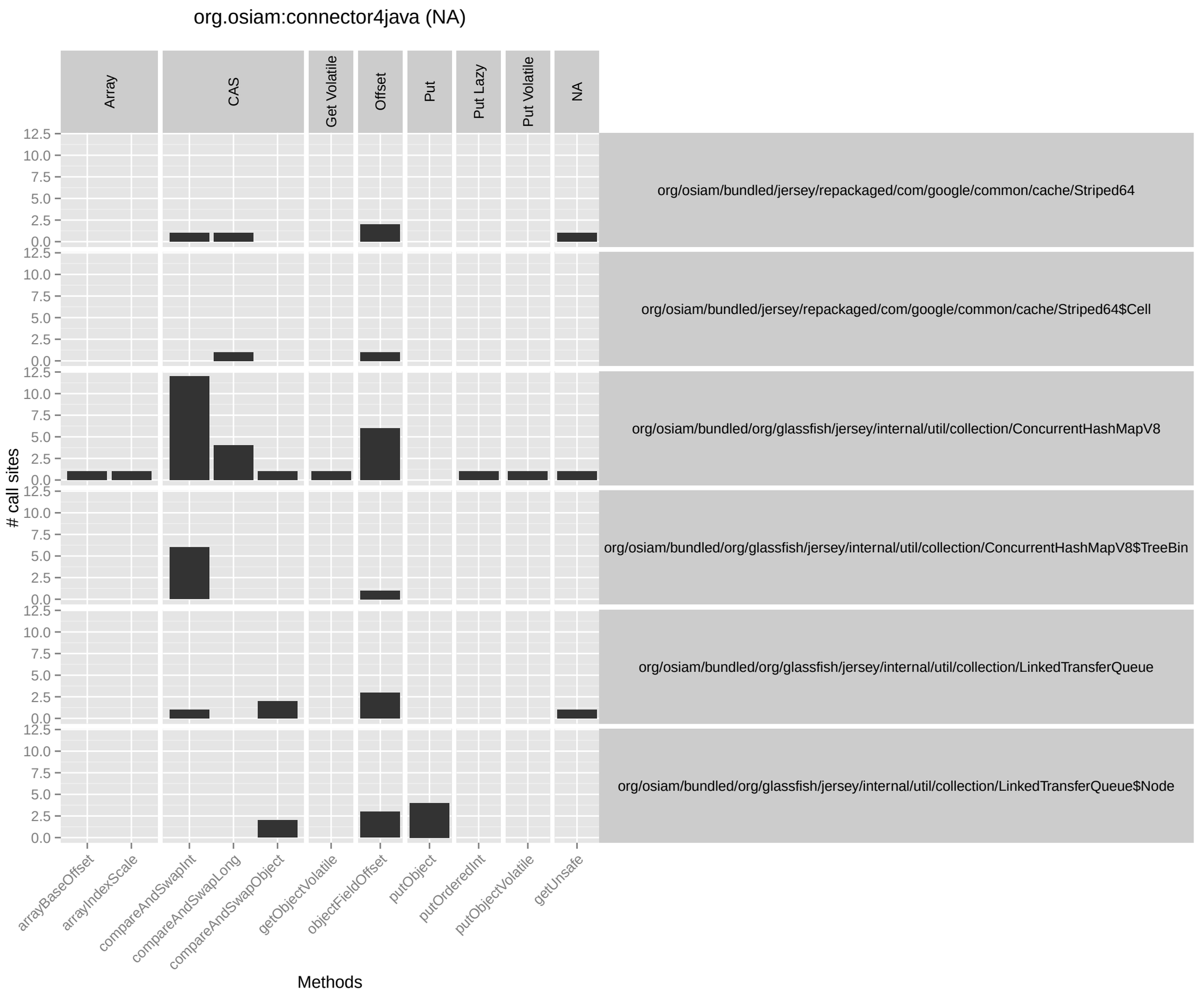

org.ocpsoft.redoculous:redoculous−embedded (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
Throw
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyBasicObject
org/jruby/util/StringSupport
org/jruby/util/unsafe/SunUnsafeWrapper
org/jruby/util/unsafe/UnsafeHolder
call sites
0.0
0.5
1.0
1.5
2.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
throwException
Methods

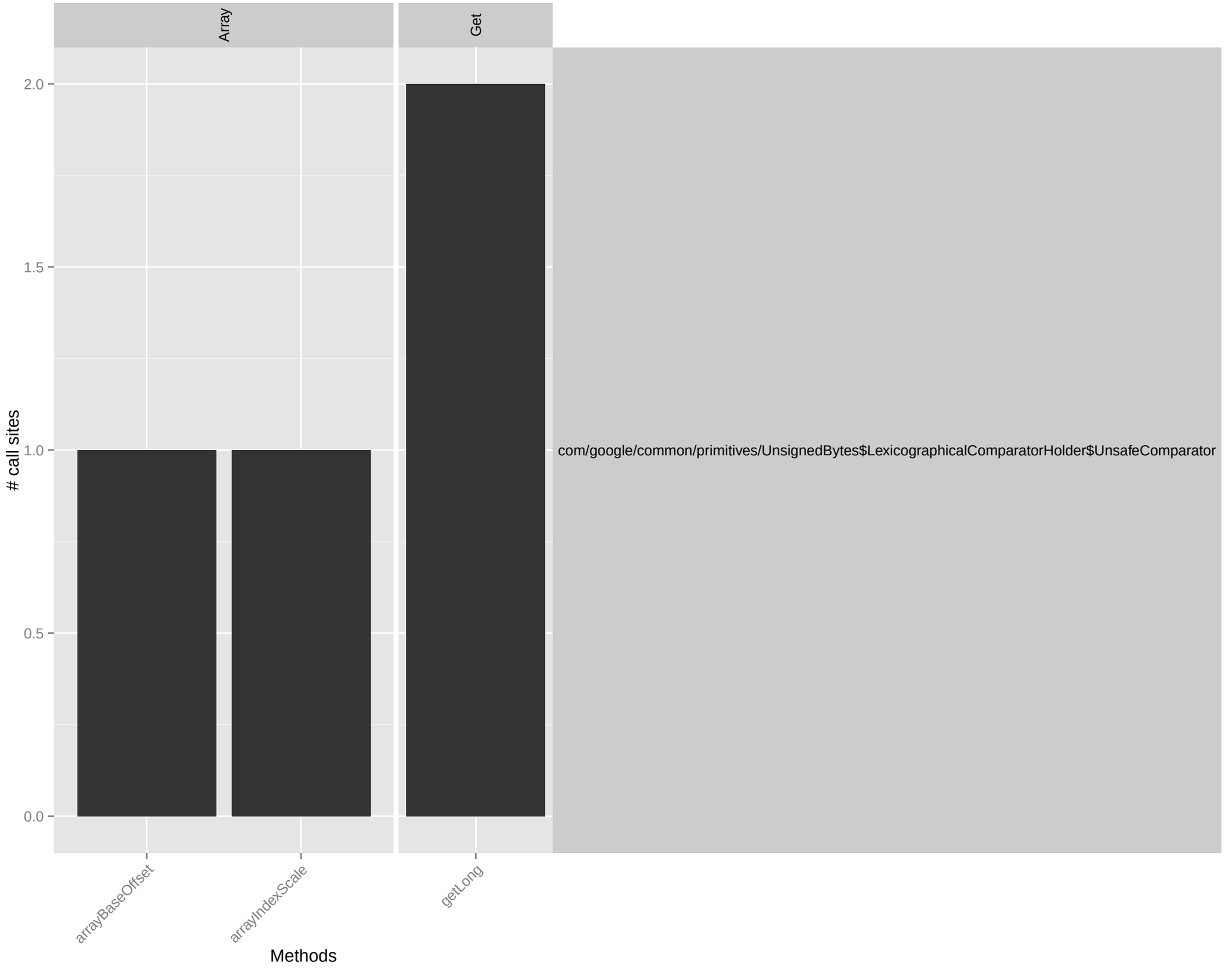

org.onosproject:onos−app−oecfg (NA)
Alloc
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0
2
4
6
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

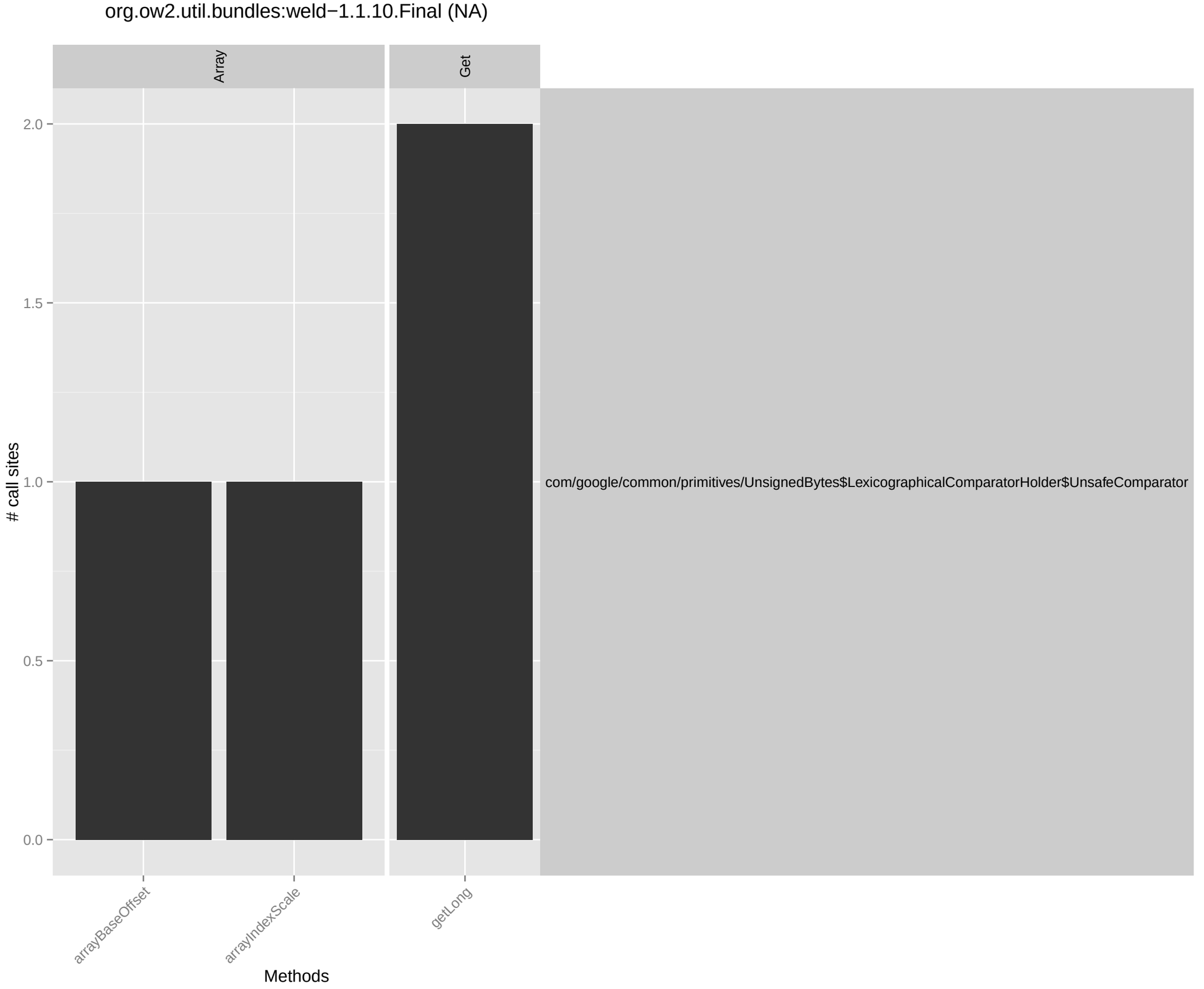

org.openengsb.wrapped:com.google.guava−all (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

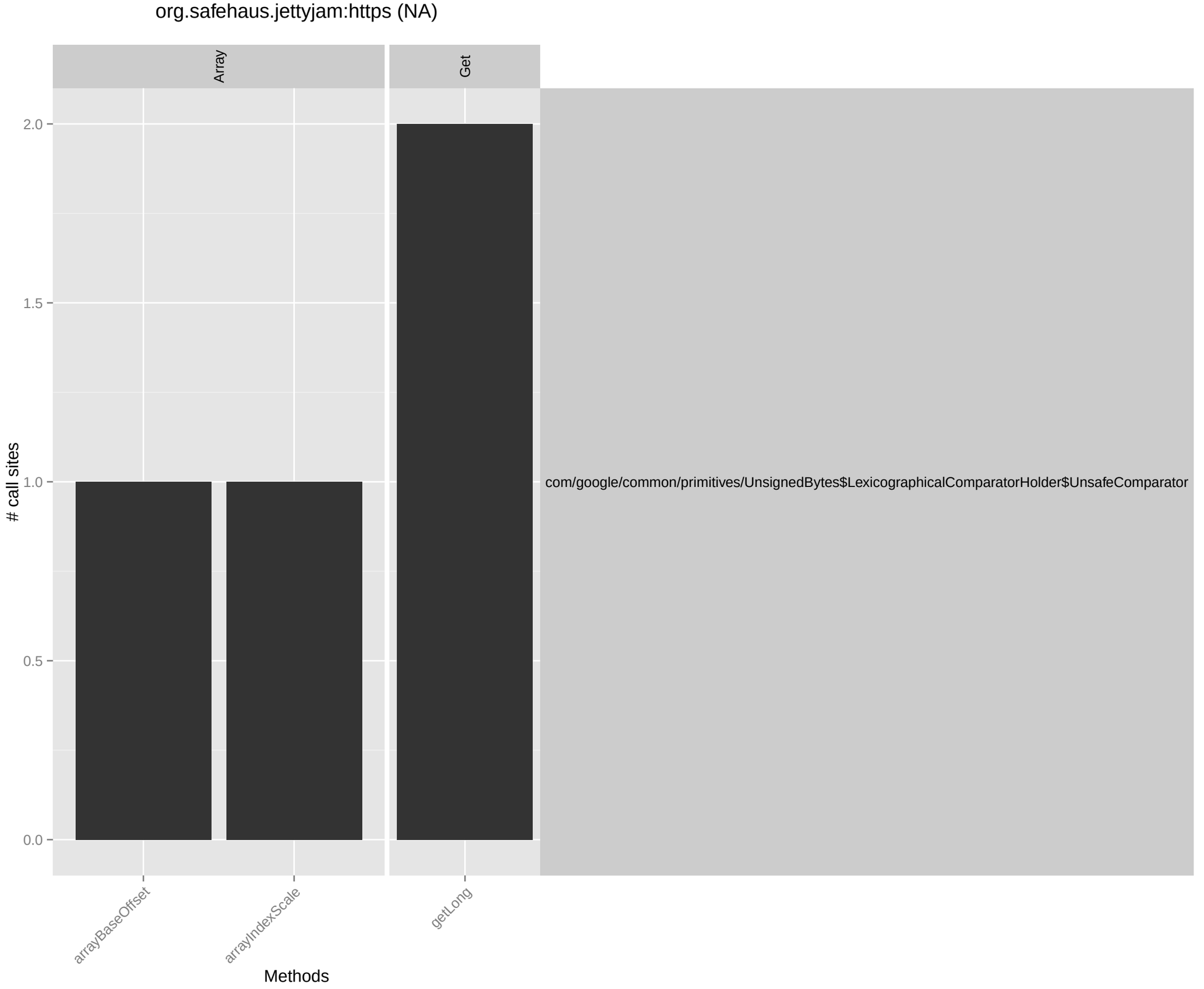

org.openengsb.wrapped:org.apache.wicket−all (NA)
Get
Offset
Put
org/apache/wicket/util/io/ClassStreamHandler
org/apache/wicket/util/io/ClassStreamHandler$BooleanFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ByteFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$CharFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$DoubleFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FloatFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$IntFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$LongFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ObjectFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ShortFieldAndIndex
call sites
0.00
0.25
0.50
0.75
1.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

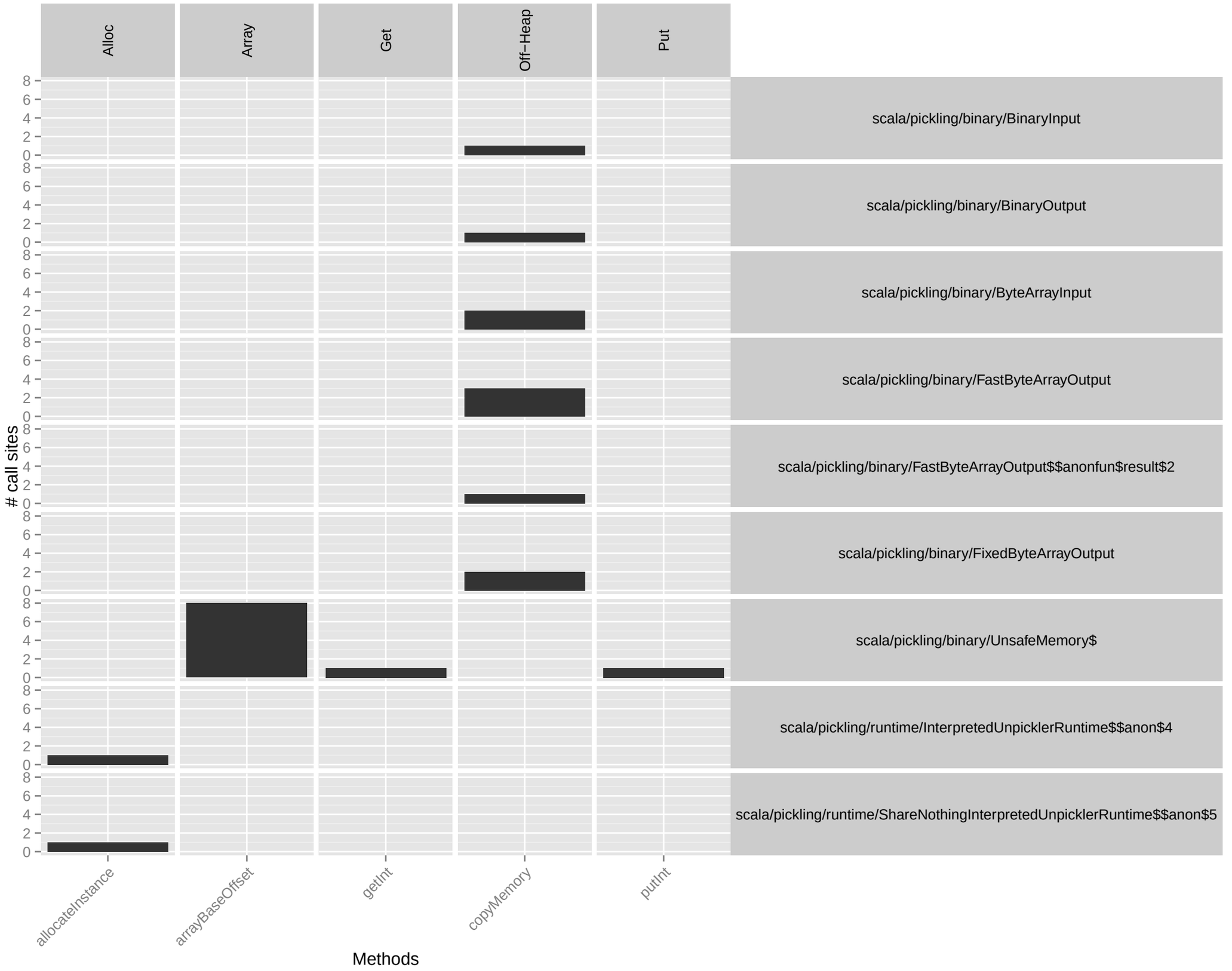

org.ops4j.pax.tipi:org.ops4j.pax.tipi.undertow.core (NA)
CAS
Offset
Put
Put Lazy
io/undertow/util/FastConcurrentDirectDeque
io/undertow/util/FastConcurrentDirectDeque$Node
call sites
0
1
2
3
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
Methods

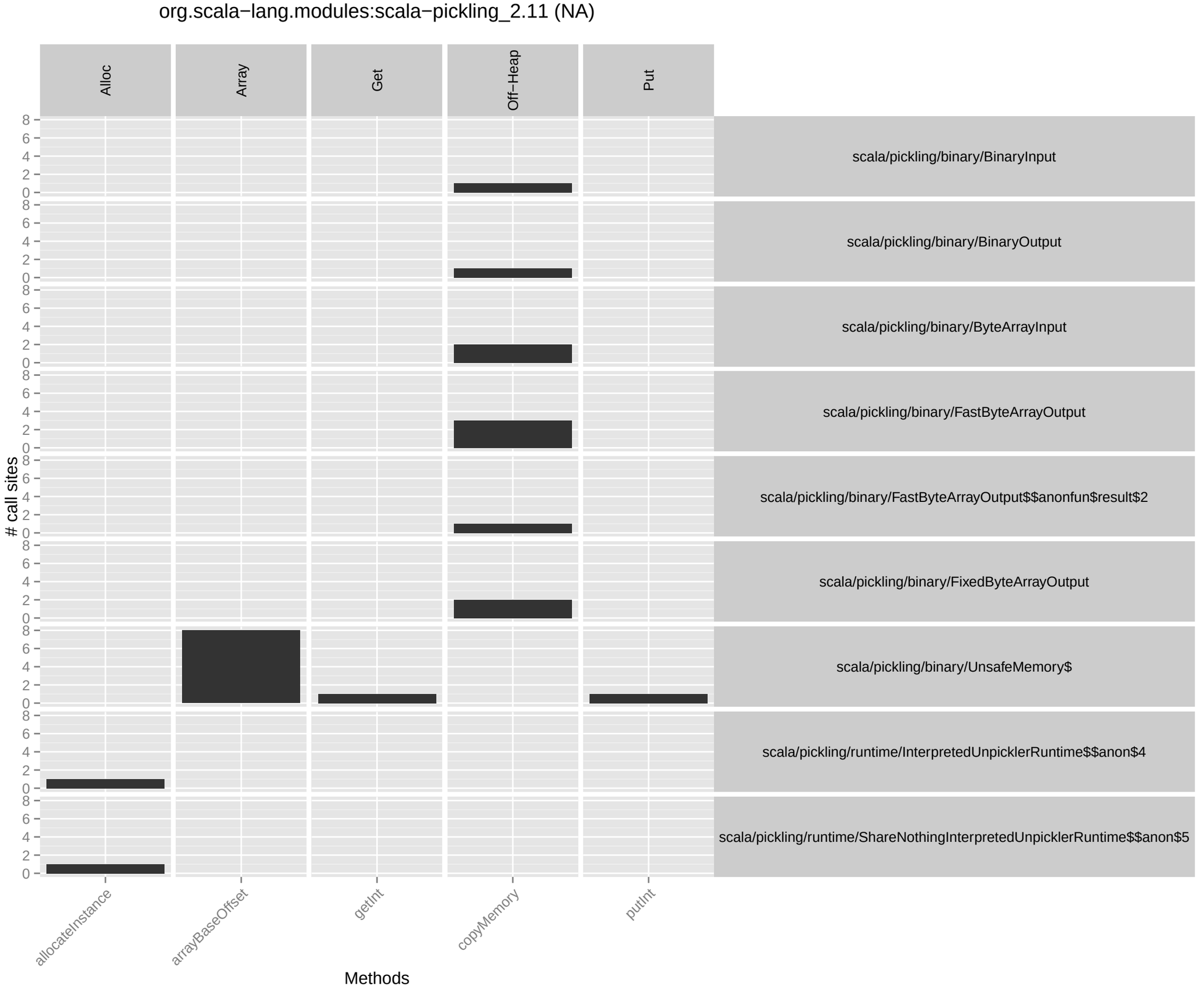

org.osiam:connector4java (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/osiam/bundled/jersey/repackaged/com/google/common/cache/Striped64
org/osiam/bundled/jersey/repackaged/com/google/common/cache/Striped64$Cell
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
0.0
2.5
5.0
7.5
10.0
12.5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

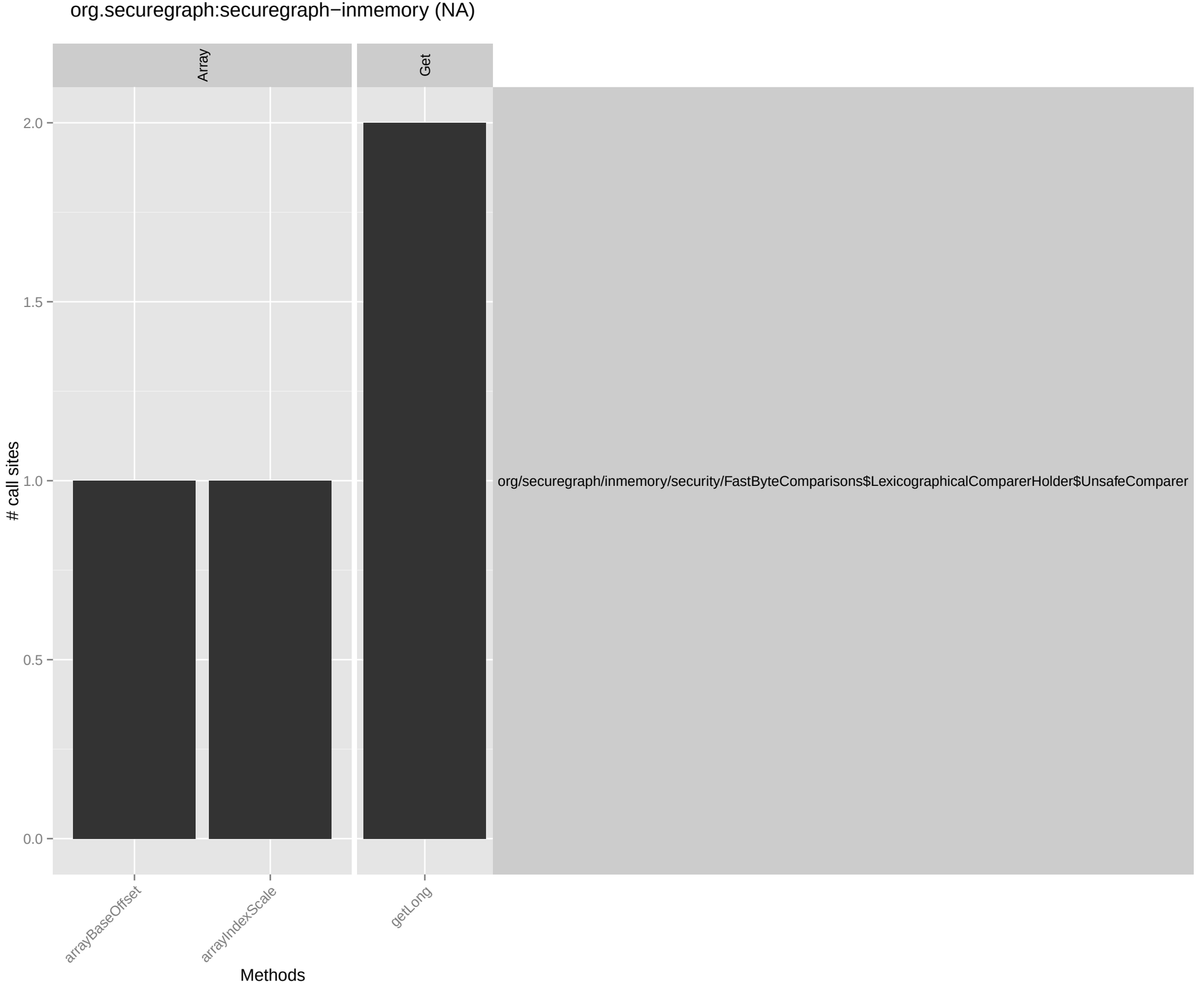

org.ow2.bundles:ow2−bundles−externals−weld (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

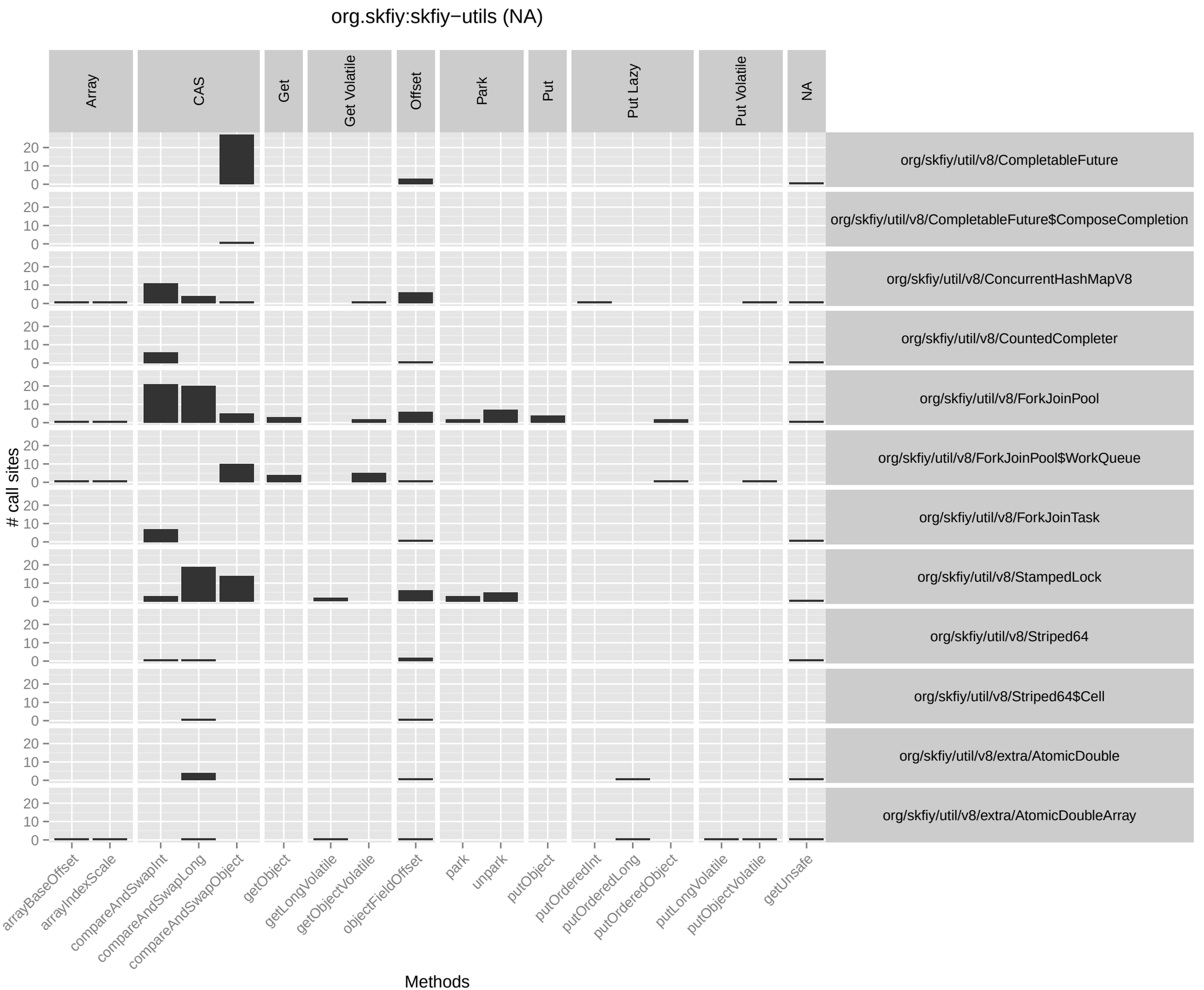

org.ow2.util.bundles:weld−1.1.10.Final (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

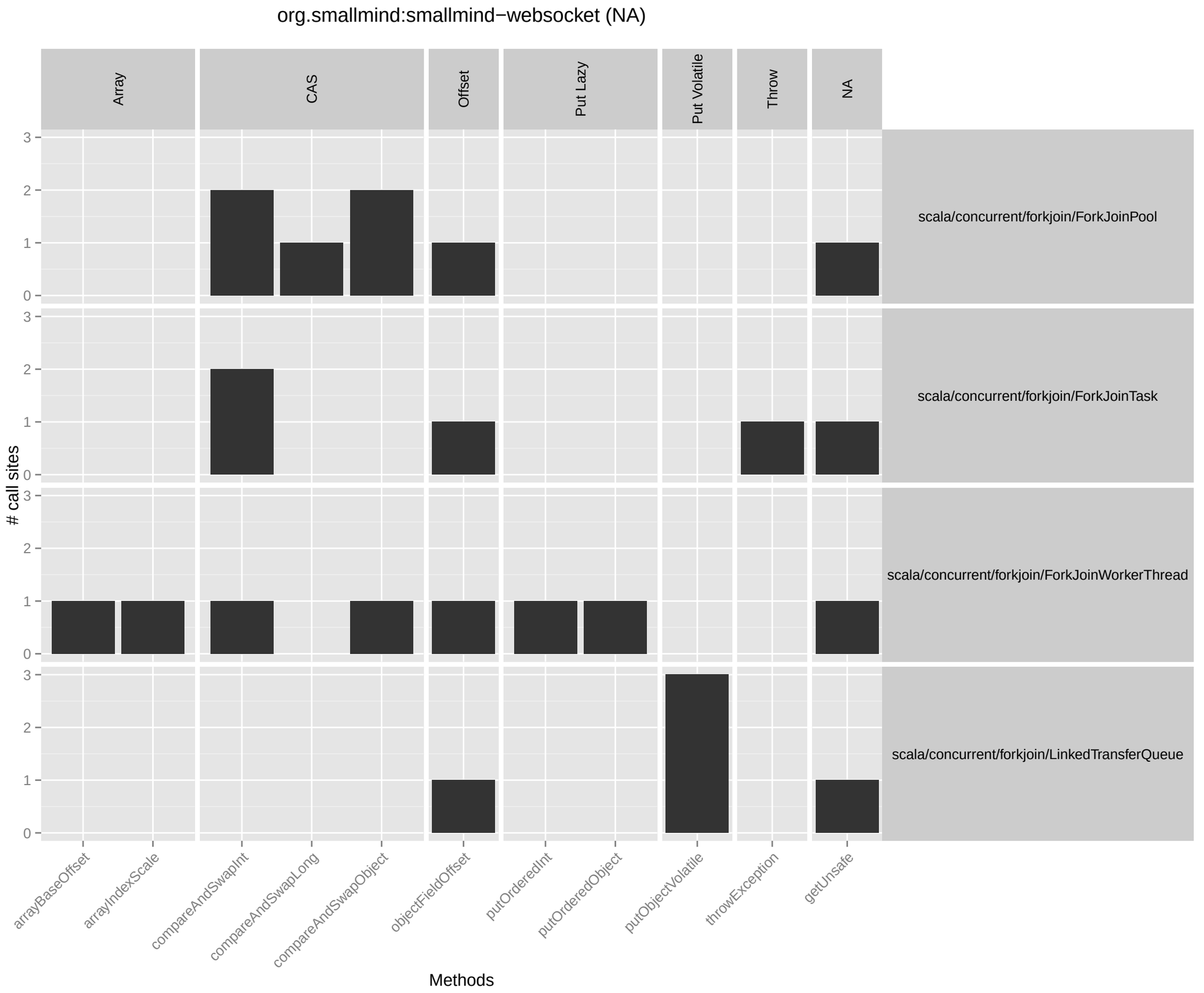

org.safehaus.jettyjam:https (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

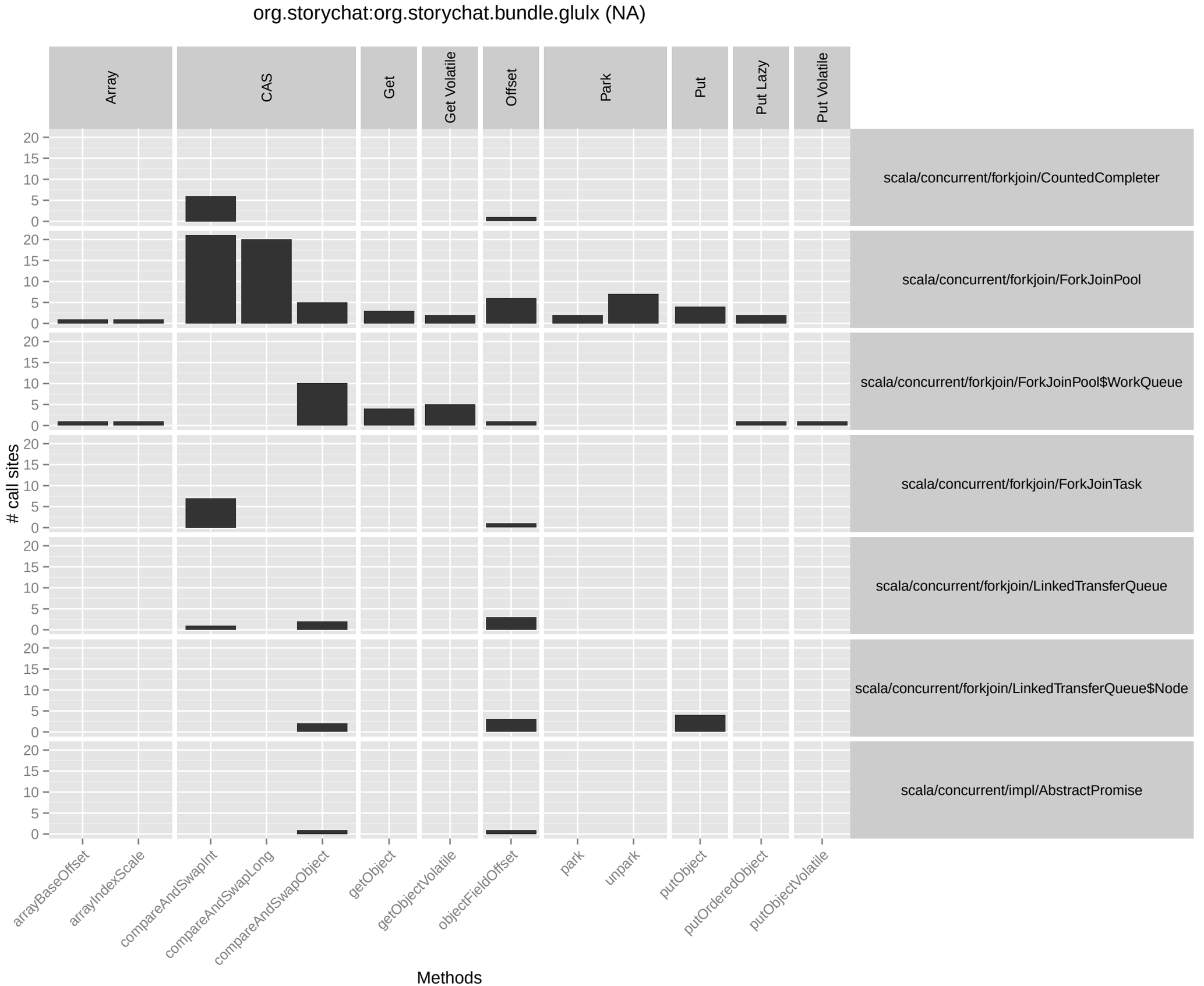

org.scala−lang.modules:scala−pickling_2.10 (NA)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/binary/BinaryInput
scala/pickling/binary/BinaryOutput
scala/pickling/binary/ByteArrayInput
scala/pickling/binary/FastByteArrayOutput
scala/pickling/binary/FastByteArrayOutput$$anonfun$result$2
scala/pickling/binary/FixedByteArrayOutput
scala/pickling/binary/UnsafeMemory$
scala/pickling/runtime/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/runtime/ShareNothingInterpretedUnpicklerRuntime$$anon$5
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

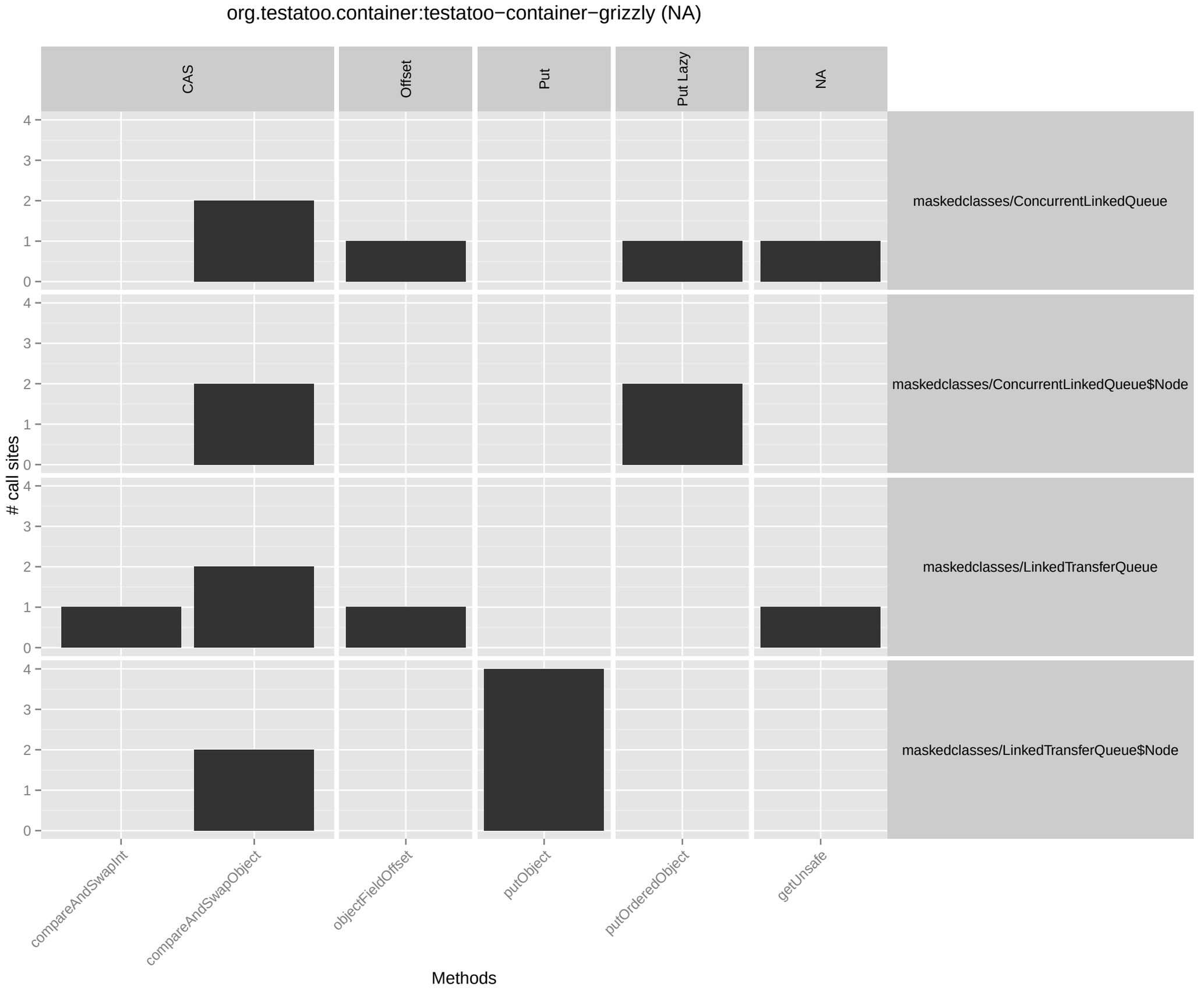

org.scala−lang.modules:scala−pickling_2.11 (NA)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/binary/BinaryInput
scala/pickling/binary/BinaryOutput
scala/pickling/binary/ByteArrayInput
scala/pickling/binary/FastByteArrayOutput
scala/pickling/binary/FastByteArrayOutput$$anonfun$result$2
scala/pickling/binary/FixedByteArrayOutput
scala/pickling/binary/UnsafeMemory$
scala/pickling/runtime/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/runtime/ShareNothingInterpretedUnpicklerRuntime$$anon$5
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

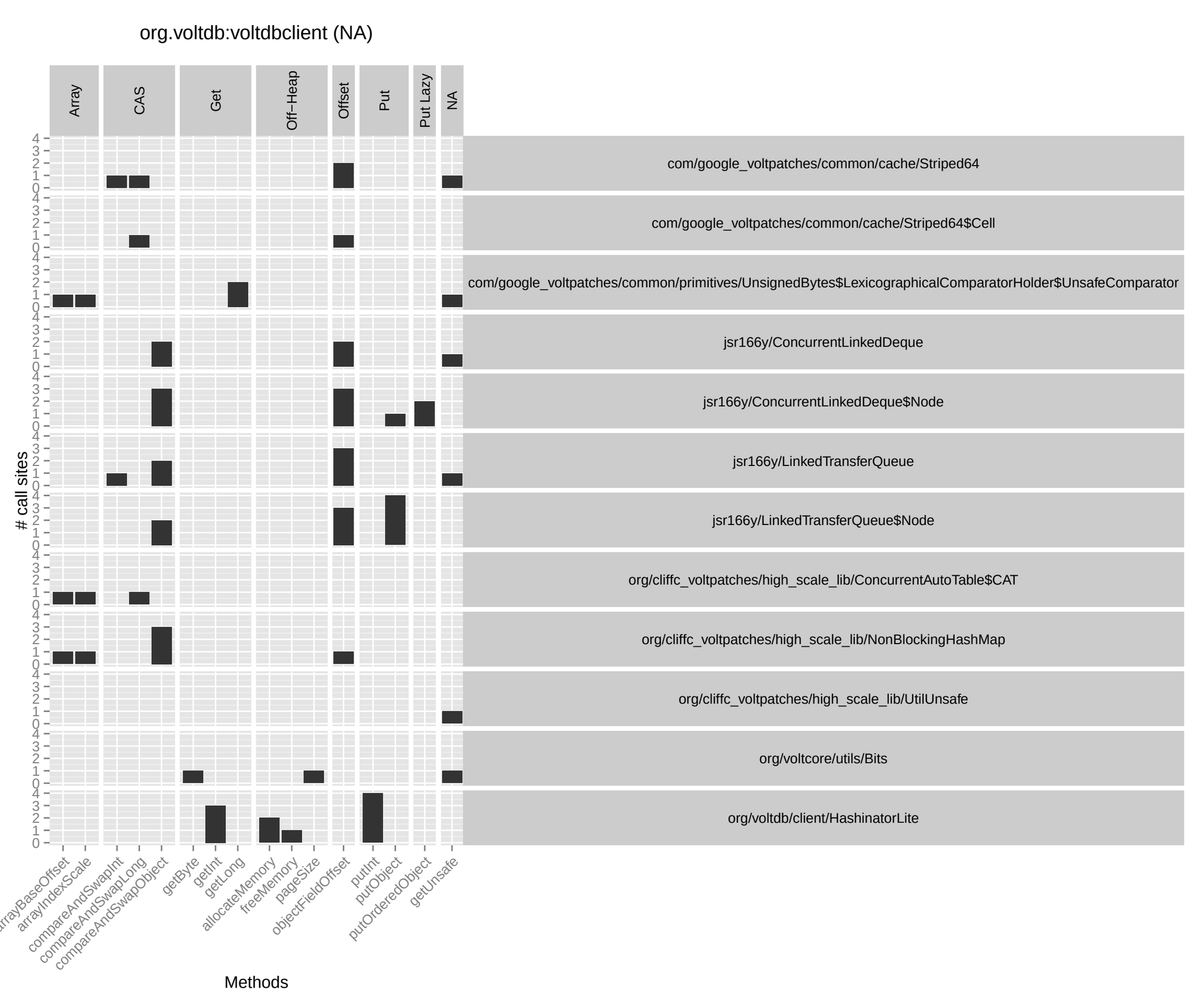

org.securegraph:securegraph−inmemory (NA)
Array
Get
org/securegraph/inmemory/security/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

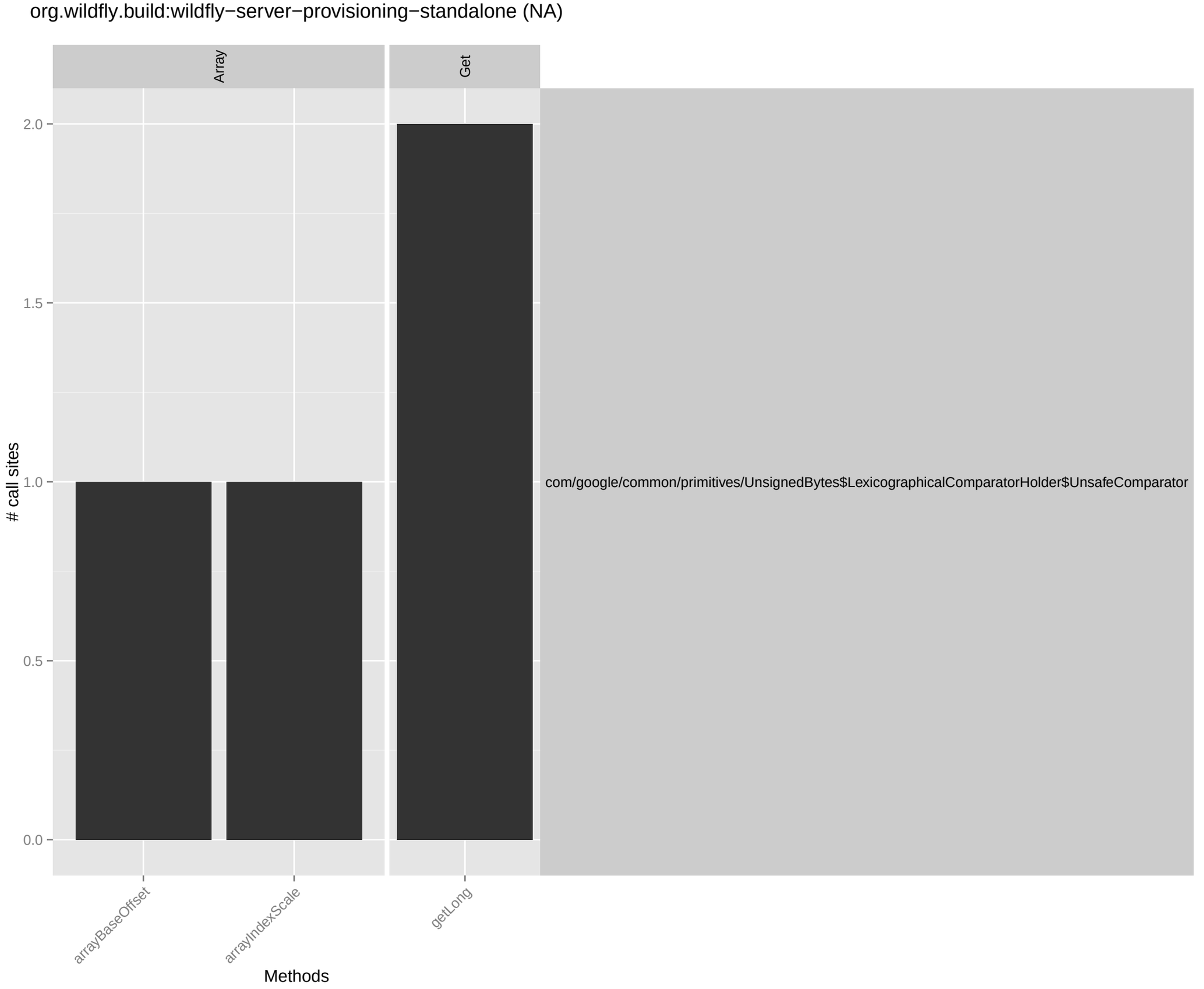

org.skfiy:skfiy−utils (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/skfiy/util/v8/CompletableFuture
org/skfiy/util/v8/CompletableFuture$ComposeCompletion
org/skfiy/util/v8/ConcurrentHashMapV8
org/skfiy/util/v8/CountedCompleter
org/skfiy/util/v8/ForkJoinPool
org/skfiy/util/v8/ForkJoinPool$WorkQueue
org/skfiy/util/v8/ForkJoinTask
org/skfiy/util/v8/StampedLock
org/skfiy/util/v8/Striped64
org/skfiy/util/v8/Striped64$Cell
org/skfiy/util/v8/extra/AtomicDouble
org/skfiy/util/v8/extra/AtomicDoubleArray
call sites
0
10
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

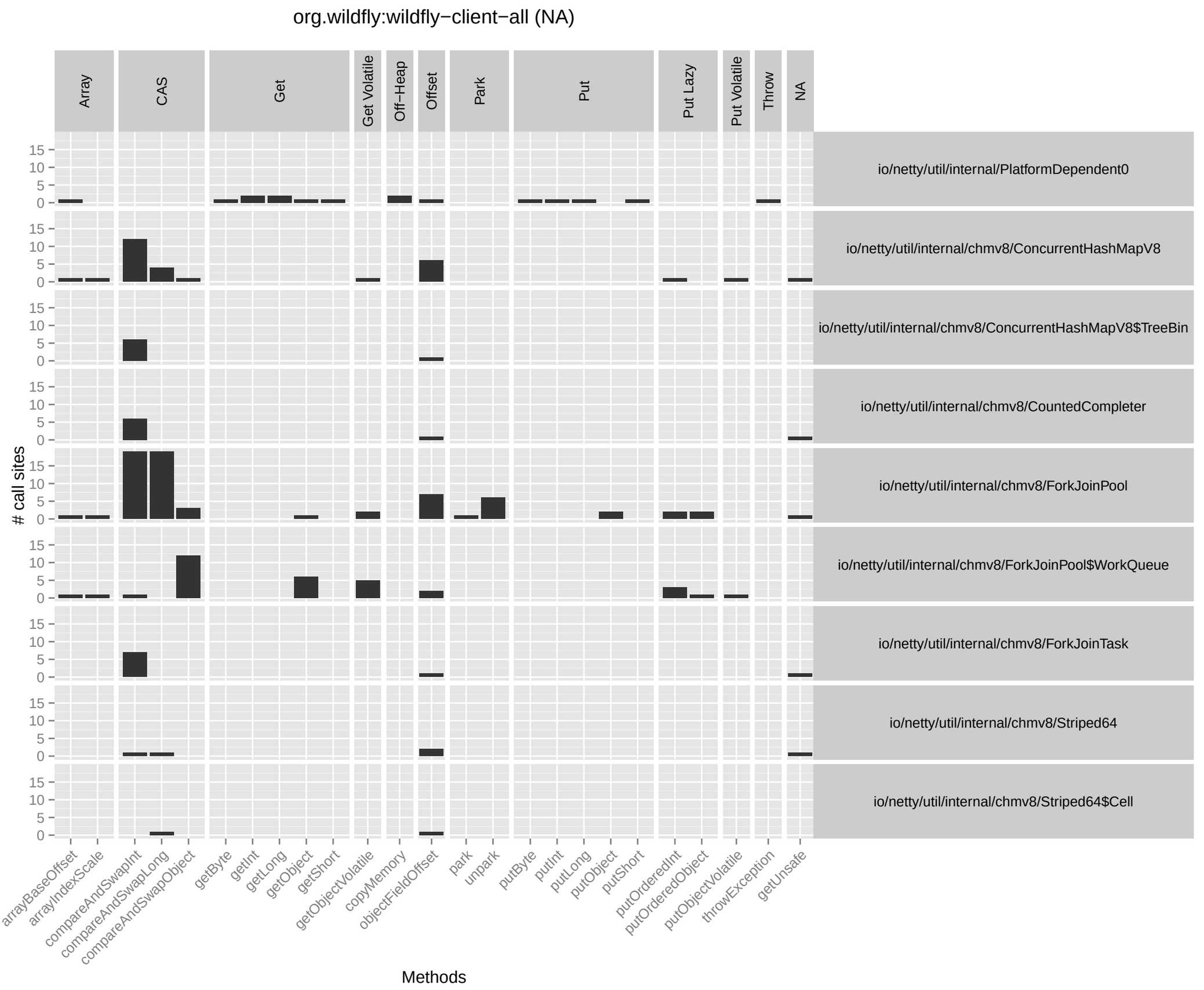

org.smallmind:smallmind−websocket (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

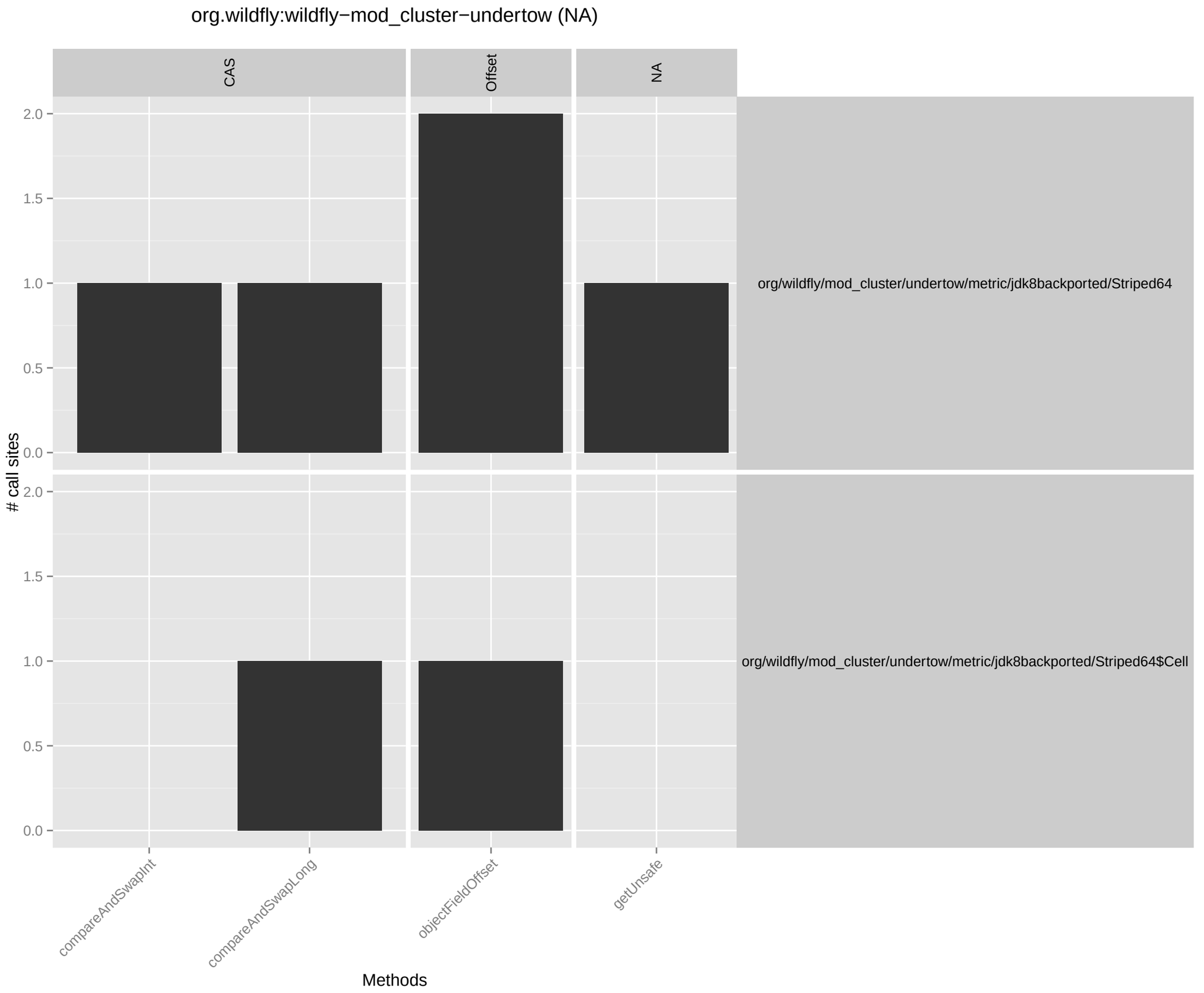

org.storychat:org.storychat.bundle.glulx (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

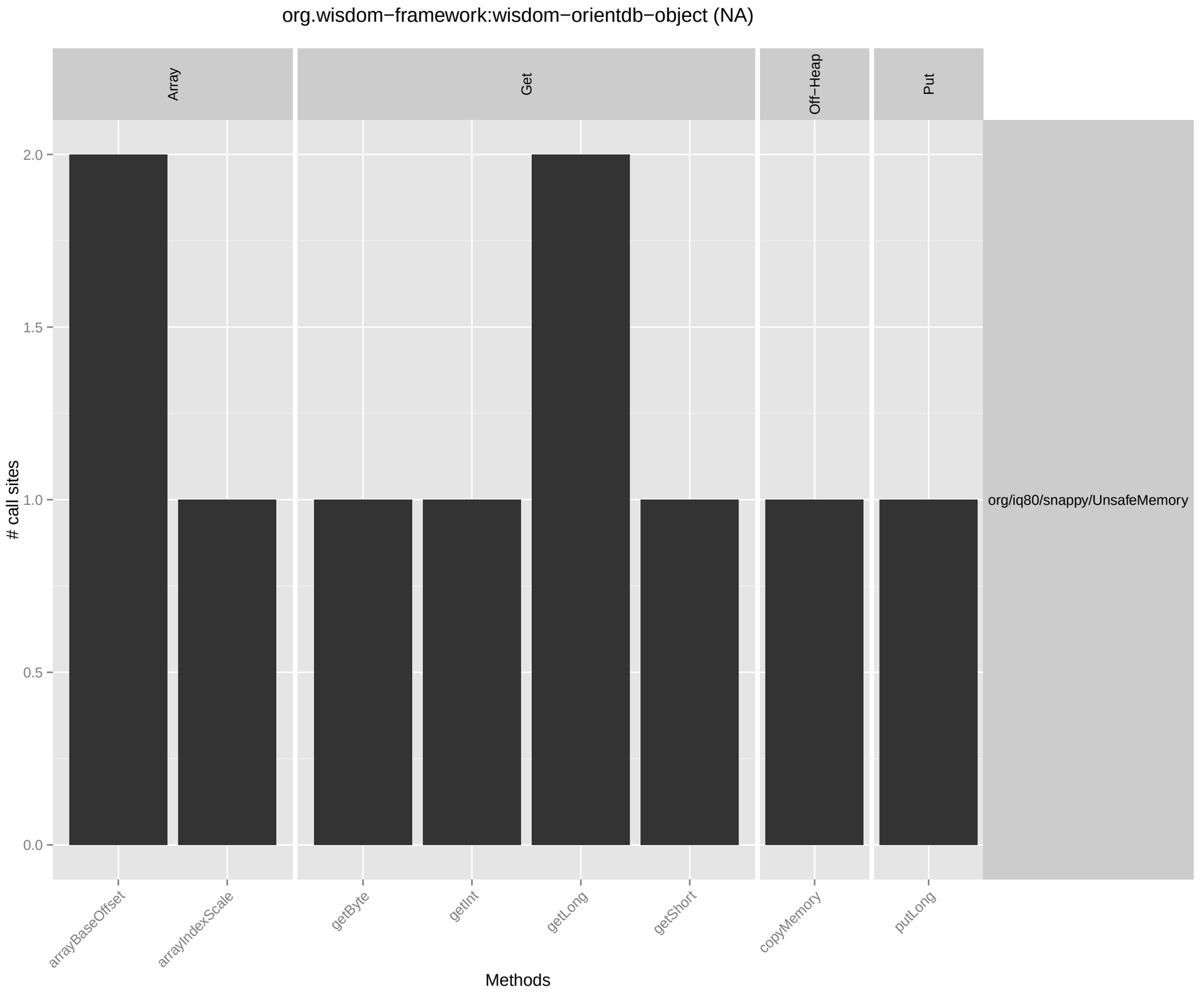

org.testatoo.container:testatoo−container−grizzly (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

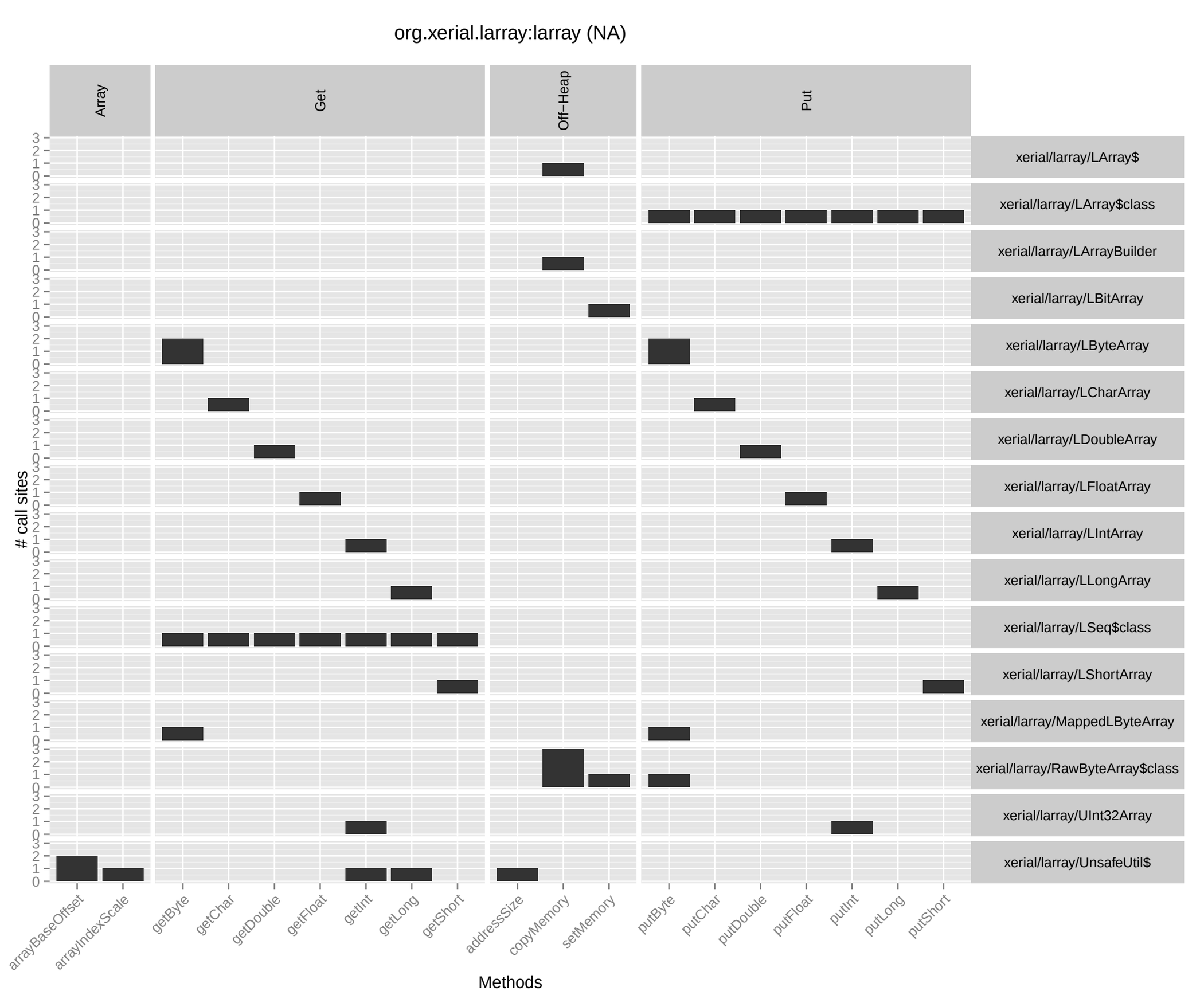

org.voltdb:voltdbclient (NA)
Array
CAS
Get
Off−Heap
Offset
Put
Put Lazy
NA
com/google_voltpatches/common/cache/Striped64
com/google_voltpatches/common/cache/Striped64$Cell
com/google_voltpatches/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
org/cliffc_voltpatches/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc_voltpatches/high_scale_lib/NonBlockingHashMap
org/cliffc_voltpatches/high_scale_lib/UtilUnsafe
org/voltcore/utils/Bits
org/voltdb/client/HashinatorLite
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
allocateMemory
freeMemory
pageSize
objectFieldOffset
putInt
putObject
putOrderedObject
getUnsafe
Methods

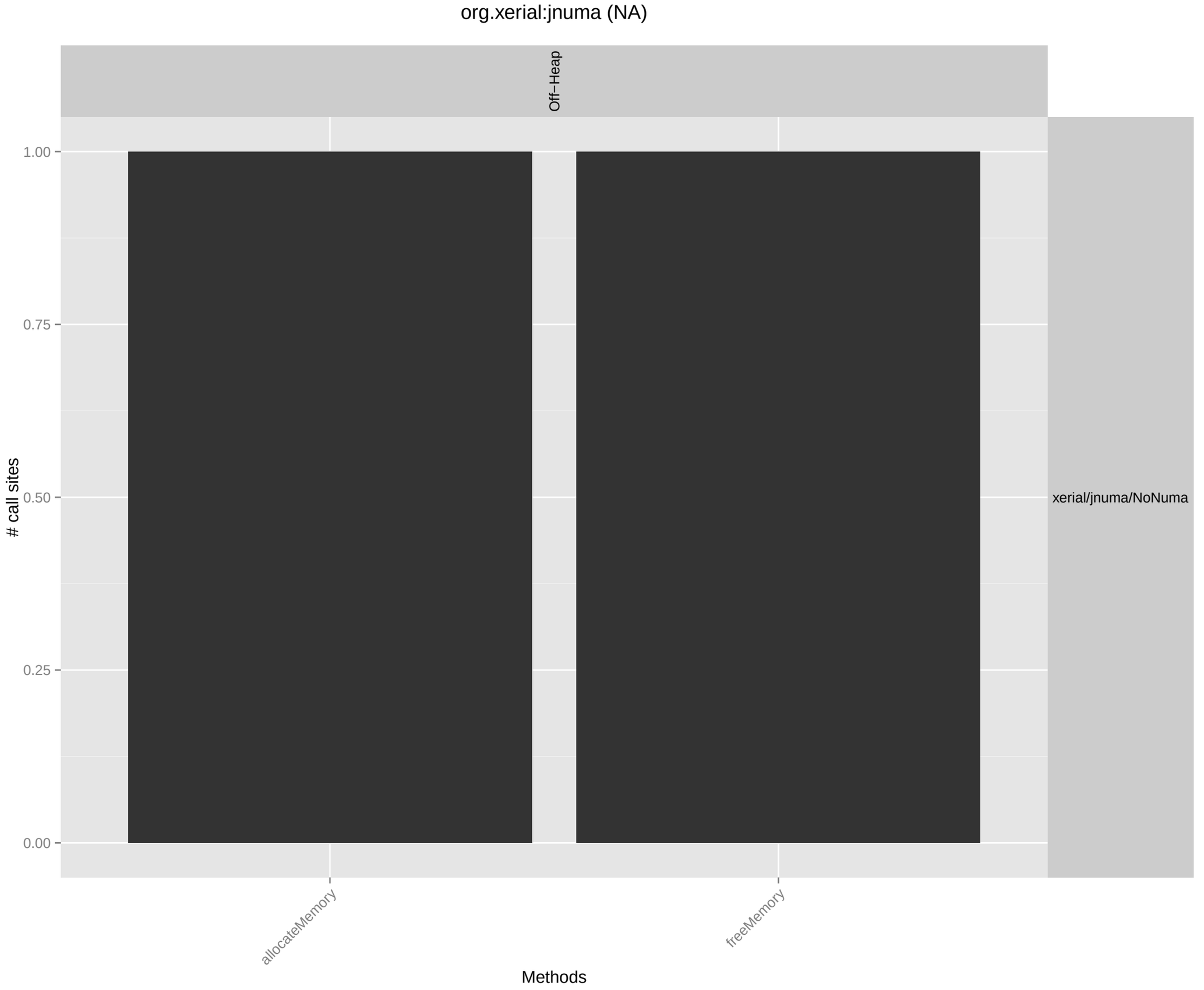

org.wildfly.build:wildfly−server−provisioning−standalone (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

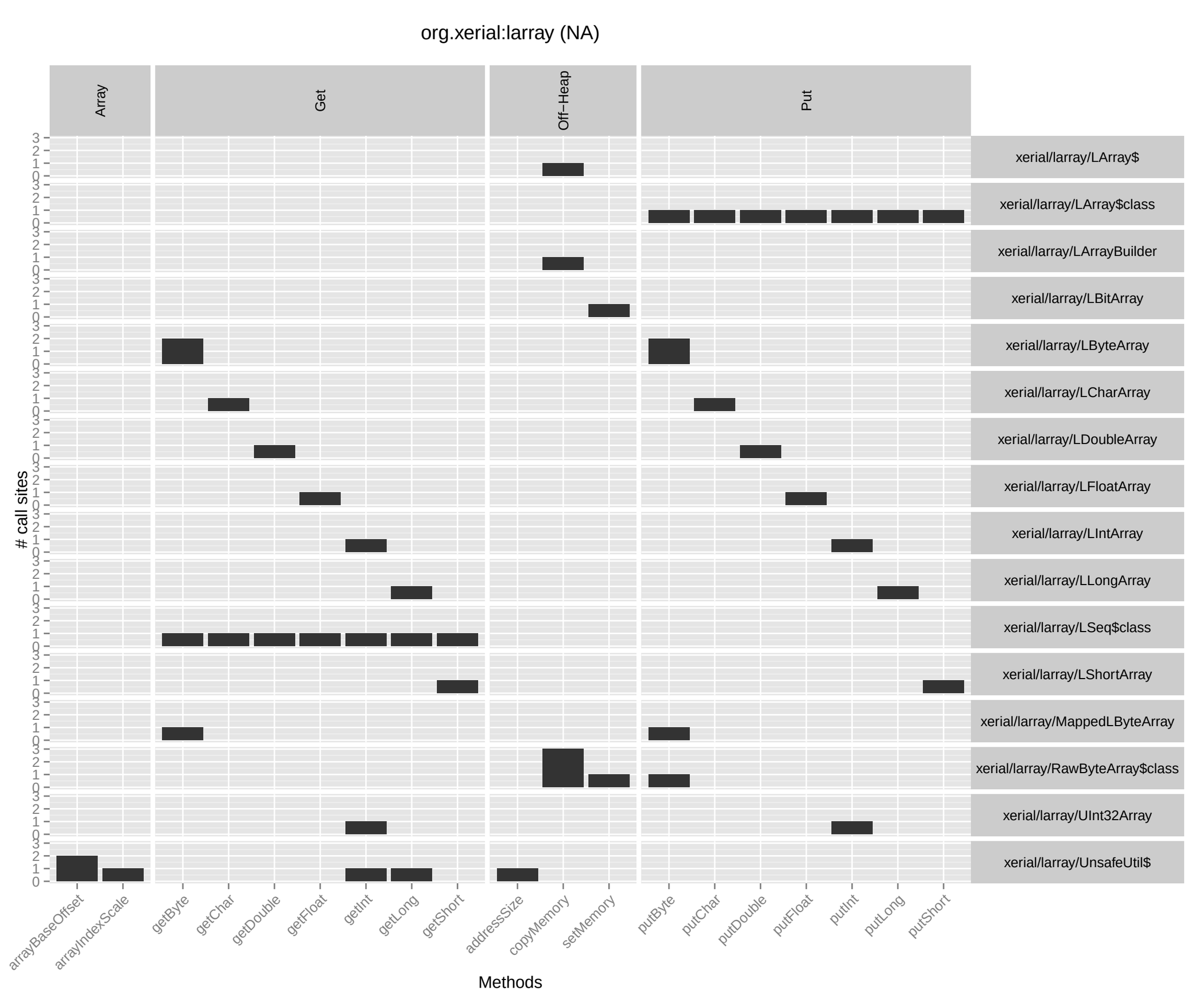

org.wildfly:wildfly−client−all (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

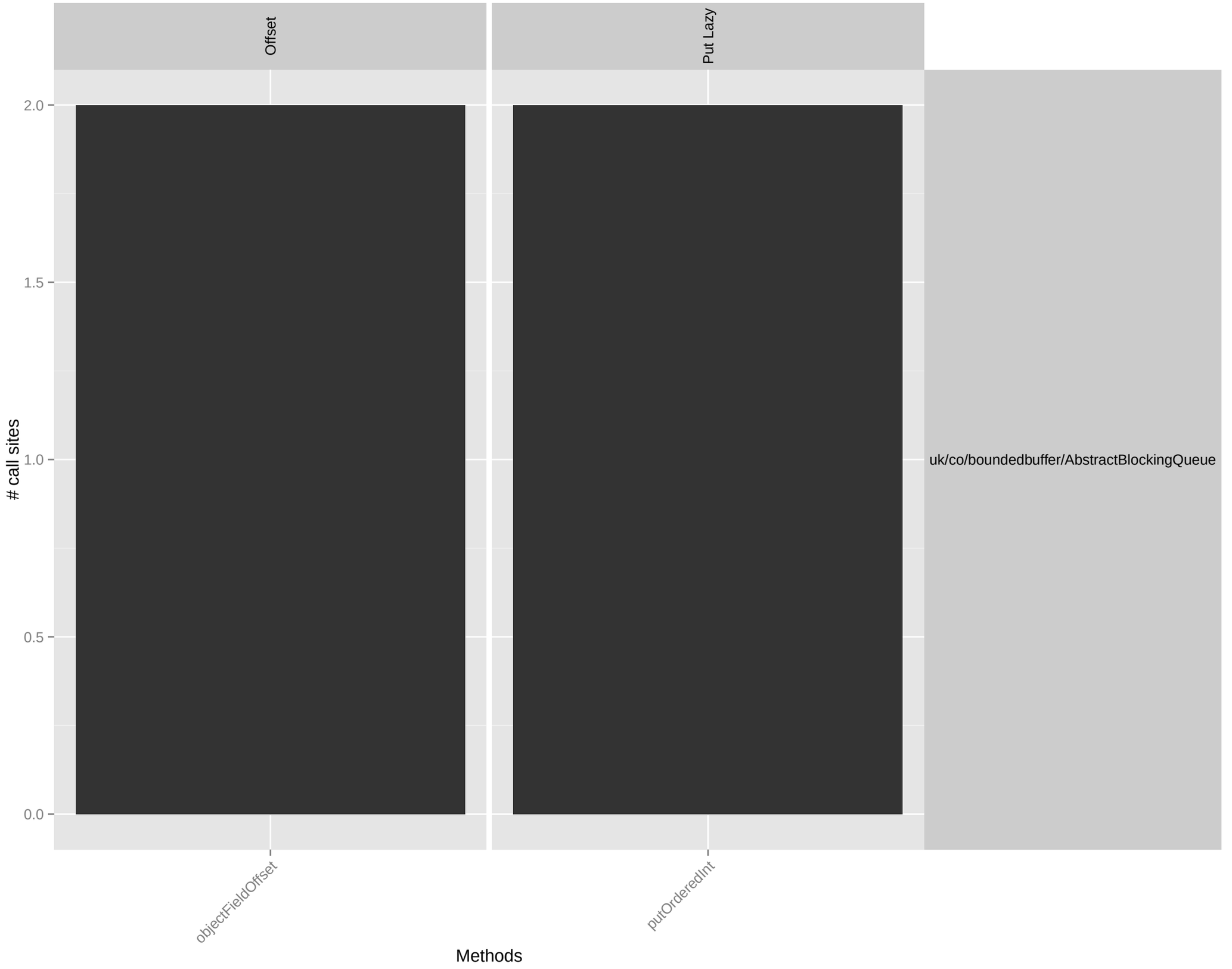

org.wildfly:wildfly−mod_cluster−undertow (NA)
CAS
Offset
NA
org/wildfly/mod_cluster/undertow/metric/jdk8backported/Striped64
org/wildfly/mod_cluster/undertow/metric/jdk8backported/Striped64$Cell
call sites
0.0
0.5
1.0
1.5
2.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

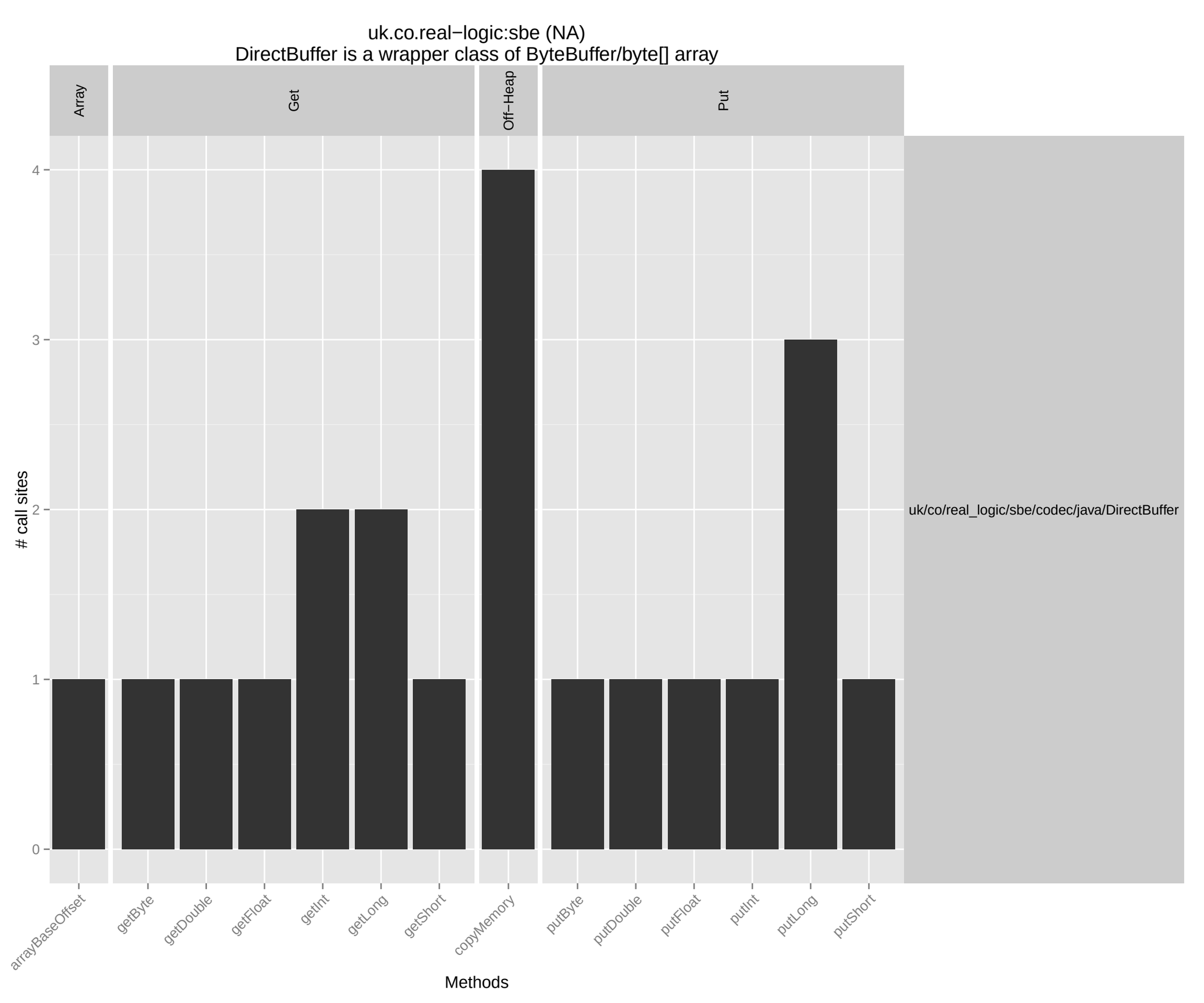

org.wisdom−framework:wisdom−orientdb−object (NA)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods


org.xerial.larray:larray (NA)
Array
Get
Off−Heap
Put
xerial/larray/LArray$
xerial/larray/LArray$class
xerial/larray/LArrayBuilder
xerial/larray/LBitArray
xerial/larray/LByteArray
xerial/larray/LCharArray
xerial/larray/LDoubleArray
xerial/larray/LFloatArray
xerial/larray/LIntArray
xerial/larray/LLongArray
xerial/larray/LSeq$class
xerial/larray/LShortArray
xerial/larray/MappedLByteArray
xerial/larray/RawByteArray$class
xerial/larray/UInt32Array
xerial/larray/UnsafeUtil$
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
addressSize
copyMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods


org.xerial:jnuma (NA)
Off−Heap
xerial/jnuma/NoNuma
call sites
1.00
0.75
0.50
0.25
0.00
allocateMemory
freeMemory
Methods


org.xerial:larray (NA)
Array
Get
Off−Heap
Put
xerial/larray/LArray$
xerial/larray/LArray$class
xerial/larray/LArrayBuilder
xerial/larray/LBitArray
xerial/larray/LByteArray
xerial/larray/LCharArray
xerial/larray/LDoubleArray
xerial/larray/LFloatArray
xerial/larray/LIntArray
xerial/larray/LLongArray
xerial/larray/LSeq$class
xerial/larray/LShortArray
xerial/larray/MappedLByteArray
xerial/larray/RawByteArray$class
xerial/larray/UInt32Array
xerial/larray/UnsafeUtil$
call sites
arrayBaseOffset
arrayIndexScale
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
addressSize
copyMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods


uk.co.boundedbuffer:low−latency−primitive−concurrent−queues (NA)
Offset
Put Lazy
uk/co/boundedbuffer/AbstractBlockingQueue
call sites
2.0
1.5
1.0
0.5
0.0
objectFieldOffset
putOrderedInt
Methods


uk.co.real−logic:sbe (NA)
DirectBuffer is a wrapper class of ByteBuffer/byte[] array
Array
Get
Off−Heap
Put
uk/co/real_logic/sbe/codec/java/DirectBuffer
call sites
0
1
2
3
4
arrayBaseOffset
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods