1 a + b (Numerical)

Negligible

2 a and b

Negligible

3 a as b

Negligible

4 avg(a)

x := (number of items in a) - 1
$0.171303 + 0.00296116x + 7.91336 \times 10^{-7}x^2$
$r^2 = 0.994094$

5 bag(a)

x := (number of items in a) - 1
$-0.168636 - 0.000841481x + 0.0000299677x^2$
$r^2 = 0.999968$

6 a + b (Strings)

Negligible

7 count(a)

Negligible

8 $a_1, a_2, ..., a_n$

x := n - 1
$0.226851 - 0.00550817x + 0.0000146711x^2 + 4.80612 \times 10^{-8}x^3$
$r^2 = 0.840262$ Note: If x < 182, just use 0

9 if(a)

Negligible

10 a contains b

x := (number of items in a) - 1
$0.0152971 - 0.00015426x + 6.87809 \times 10^{-7}x^2$
$r^2 = 0.906738$

11 deref(a)

x := number of times in a
TODO

12 a / b

Negligible

13 a.b

x := (number of items in a) - 1
TODO

14 a = b (Numerical)

Negligible

15 a = b (Strings)

Negligible

16 a.exists(b)

x := (number of items in a) - 1
TODO

17 forall(a)

x := (number of items in a) - 1
$0.368536 + 0.000115264x$
$r^2 = 0.53822$

18 forsome(a)

x := (number of items in a) - 1
$-0.0266538 + 0.0000215938x + 6.53259 \times 10^{-7}x^2$
$r^2 = 0.912933$

19 a > b

Negligible

20 a >= b

Negligible

21 a groupas b

x := (number of items in a) - 1
$0.0410372 - 0.000161534x + 2.99533 \times 10^{-7}x^2$
$r^2 = 0.319202$ Note: If x ¡ 270, just use 0

22 a in b

Negligible

23 a[b]

x := (number of items in a) - 1
TODO

24 a[b]

x := b
TODO

25 a intersect b

Negligible

26 a join b

x := (number of items in a) + (number of items in b) - 5
$-0.296612 + 0.0033636x + 0.0000845375x^2$
$r^2 = 0.99998$

27 a < b

Negligible

28 a <= b

Negligible

29 max(a)

x := (number of items in a) - 1
$-0.00206558 + 0.0000179761x$
$r^2 = 0.00486482$

30 min(a)

x := (number of items in a) - 1
$0.247735 - 0.00106815x + 9.2684 \times 10^{-7}x^2$
$r^2 = 0.794276$ Note: if x ¡ 831, just use 0.

31 a % b

Negligible

32 a * b

Negligible

33 -a

Negligible

34 a <> b (Numerical)

Negligible

35 a <> b (Strings)

Negligible

36 now()

Negligible

37 a or b

Negligible

38 a orderby b (b ::= date)

x := (number of items in a) - 1
TODO

39 a orderby b (b ::= enum)

x := (number of items in a) - 1
TODO

40 a rangeas b

x := (number of items in a) - 1
TODO

41 ref(a)

x := (number of items in a) - 1
TODO

42 a ∼∼ b

x := length of b

$$f(x) = \begin{cases} 0.676408; & \text{x} < 103 \\ 2.00131; & \text{x} \geq 103 \end{cases}$$

43 struct(a)

x := (number of items in a) - 1
$-6.26565 + 0.0267596x + 2.81054 \times 10^{-6}x^2$
$r^2 = 0.846738$ Note: Ensure min result is 0

44 a - b

Negligible

45 a subtract b

Negligible

46 sum(a)

x := (number of items in a) - 1
$-0.01947 + 0.00329381x + 3.45479 \times 10^{-7}x^2$
$r^2 = 0.98972$

47 a union b

x := (number of items in a) + (number of items in b) - 4
$0.195218 - 0.000825259x + 8.05861 \times 10^{-7}x^2$
$r^2 = 0.791186$ Note: If x ¡ 654, just use 0

48 unique(a)

Negligible

49 uniqueref(a)

x := (number of items in a) - 1
TODO

50 a where b

x := (number of conditions in b) - 1
TODO