	(1161)lodash-es/isEqual	(1928)dequal	(3892)dequal/lite	(5207)fast-deep-equal	(2192)fast-deep-equal/es6	(4873)fast-equals	(1493)nano-equal	(413)deep-equal
scalars	(327) 17/17	(160) 17/17	(1249) 17/17	(1648) 17/17	(205) 17/17	(1648) 17/17	(161) 17/17	(259) 14/17
equal numbers	178542145 ops	154205691 ops	805707194 ops	891752932 ops	161873399 ops	816395259 ops	145701091 ops	174910531 ops
not equal numbers	173622267 ops	3801194 ops	3785462 ops	842308941 ops	93896723 ops	841541583 ops	52206703 ops	172056789 ops
number and array are not equal	11333659 ops	7201015 ops	7169962 ops	791339784 ops	88546095 ops	818682649 ops	37442936 ops	35190 ops
0 and null are not equal	181757087 ops	107685000 ops	844485061 ops	838603073 ops	109309432 ops	821767550 ops	52828159 ops	171688003 ops
equal strings	179227372 ops	127389242 ops	854515289 ops	881300036 ops	128427674 ops	836433342 ops	124610558 ops	176716263 ops
not equal strings	174326946 ops	27916147 ops	779571451 ops	775351692 ops	65666250 ops	792236204 ops	41629625 ops	169827854 ops
empty string and null are not equal	179113449 ops	93019208 ops	793601052 ops	808049272 ops	88693795 ops	878343860 ops	44945143 ops	172947702 ops
null is equal to null	177632046 ops	136610551 ops	778808055 ops	820738466 ops	139013069 ops	807414565 ops	129755898 ops	177007091 ops
equal booleans (true)	182056658 ops	133764725 ops	819737078 ops	773566209 ops	133958206 ops	846060196 ops	124377467 ops	175696289 ops
equal booleans (false)	180144912 ops	132016826 ops	809463380 ops	871178383 ops	135661390 ops	862349158 ops	125910300 ops	177756994 ops
not equal booleans	175555578 ops	80828744 ops	808626792 ops	802063010 ops	84019842 ops	823629041 ops	46979049 ops	169995180 ops
1 and true are not equal	174722933 ops	6702595 ops	7639472 ops	798485337 ops	90320369 ops	791366901 ops	55864280 ops	failed
0 and false are not equal	173439287 ops	105566764 ops	821173550 ops	863825800 ops	108442132 ops	826224590 ops	55755647 ops	failed
NaN and NaN are equal	175596874 ops	80701720 ops	896736234 ops	792743202 ops	86603551 ops	789864148 ops	110202266 ops	failed
0 and -0 are equal	177932604 ops	114866650 ops	844425920 ops	872443053 ops	110646397 ops	834416555 ops	112566822 ops	176049566 ops
Infinity and Infinity are equal	178726193 ops	127617340 ops	860838446 ops	823658310 ops	122091915 ops	815421619 ops	129126674 ops	177185367 ops
Infinity and -Infinity are not equal	175220781 ops	23761137 ops	34889080 ops	815057928 ops	77062113 ops	858098833 ops	55807540 ops	170982937 ops
objects	(479) 18/19	(920) 18/19	(1326) 18/19	(1759) 19/19	(973) 19/19	(1597) 18/19	(681) 18/19	(73) 17/19
empty objects are equal	1547758 ops	21631214 ops	31418496 ops	19153765 ops	18185681 ops	33700898 ops	13700766 ops	6649 ops
equal objects (same properties "order")	1246506 ops	6105401 ops	6968320 ops	9491974 ops	7718992 ops	10125784 ops	5244588 ops	6353 ops
equal objects (different properties "order")	1378566 ops	6054071 ops	7159251 ops	9502037 ops	7369523 ops	9325703 ops	4914711 ops	6498 ops
not equal objects (extra property)	2169222 ops	5617052 ops	6871020 ops	38345870 ops	19899092 ops	37399808 ops	13921027 ops	12742 ops
not equal objects (different property values)	1192270 ops	1905822 ops	1995086 ops	11389758 ops	9005885 ops	14551458 ops	3622881 ops	12449 ops
not equal objects (different properties)	2036066 ops	5142286 ops	5884778 ops	23750587 ops	13405874 ops	20798550 ops	4300133 ops	12481 ops
equal objects (same sub-properties)	572474 ops	3936178 ops	4419762 ops	4634807 ops	3354455 ops	4606817 ops	2753527 ops	1918 ops
not equal objects (different sub-property value)	567367 ops	3646787 ops	4277746 ops	4411192 ops	3586185 ops	4653616 ops	2657237 ops	4125 ops
not equal objects (different sub-property)	658558 ops	5367117 ops	6191026 ops	5500728 ops	3979965 ops	5332810 ops	3316864 ops	3908 ops
empty array and empty object are not equal	13430714 ops	29438072 ops	44257846 ops	42118513 ops	26177628 ops	33284936 ops	18633103 ops	16934 ops
object with extra undefined properties are not equal #1	2252273 ops	18197493 ops	30876814 ops	18845678 ops	10963087 ops	27400202 ops	12045169 ops	12640 ops
object with extra undefined properties are not equal #2	2201033 ops	14501070 ops	20906666 ops	27896385 ops	11094864 ops	27100102 ops	11857407 ops	12125 ops
object with extra undefined properties are not equal #3	2086505 ops	13818438 ops	23755075 ops	26712632 ops	10082455 ops	22272581 ops	9654367 ops	12481 ops
nulls are equal	96639438 ops	66918405 ops	120721154 ops	122732852 ops	62561467 ops	105099502 ops	65754411 ops	90703226 ops
null and undefined are not equal	93321353 ops	51225116 ops	81298961 ops	100343670 ops	46617656 ops	94520318 ops	35054808 ops	failed
null and empty object are not equal	95961099 ops	51492221 ops	118114156 ops	115024750 ops	50066787 ops	118050595 ops	21206207 ops	34122 ops
undefined and empty object are not equal	79627028 ops	49867696 ops	87530296 ops	85194357 ops	49735484 ops	84540099 ops	21063141 ops	34816 ops
objects with different `toString` functions returning same values are equal	failed	failed	failed	95990035 ops	12367874 ops	failed	failed	failed
objects with `toString` functions returning different values are not equal	1411209 ops	8004694 ops	9950625 ops	103830270 ops	11170849 ops	13560063 ops	6204713 ops	12481 ops
arrays	(129) 7/7	(449) 7/7	(559) 7/7	(693) 7/7	(465) 7/7	(610) 7/7	(270) 6/7	7/7
two empty arrays are equal	5113555 ops	27358710 ops	38116308 ops	41207057 ops	24751202 ops	32487369 ops	22530548 ops	6146 ops
equal arrays	4520914 ops	16204405 ops	18378861 ops	19878452 ops	15072936 ops	19552938 ops	8208885 ops	6232 ops
not equal arrays (different item)	4172783 ops	3131453 ops	3188294 ops	28484381 ops	19465513 ops	25515635 ops	7558744 ops	12481 ops
not equal arrays (different length)	16562570 ops	27567376 ops	39126905 ops	43186024 ops	24799634 ops	33790883 ops	23921249 ops	12417 ops
equal arrays of objects	587123 ops	3967759 ops	3830157 ops	3961224 ops	3376222 ops	4116197 ops	2503158 ops	2010 ops
not equal arrays of objects	601403 ops	6113198 ops	5914058 ops	6860939 ops	5704679 ops	7060163 ops	2457115 ops	6220 ops
pseudo array and equivalent array are not equal	13121751 ops	28666225 ops	59019473 ops	60178956 ops	26210233 ops	40774164 ops	failed	16829 ops
Date objects	(24) 4/4	(129) 4/4	(375) 4/4	(326) 4/4	(102) 4/4	(341) 4/4	(68) 4/4	4/4
equal date objects	3026875 ops	26277521 ops	92750316 ops	61854230 ops	12013995 ops	71619121 ops	11734334 ops	6886 ops
not equal date objects	3063214 ops	26302603 ops	90256450 ops	56013227 ops	12506620 ops	63140892 ops	11842289 ops	17308 ops
date and string are not equal	7153578 ops	27365570 ops	88177448 ops	110511192 ops	37134413 ops	111878859 ops	20609905 ops	34658 ops
date and object are not equal	7463867 ops	28531667 ops	57081837 ops	58521975 ops	26235456 ops	56024789 ops	15007245 ops	17489 ops
RegExp objects	(37) 5/5	(116) 5/5	(182) 5/5	(494) 5/5	(281) 5/5	(382) 5/5	(175) 4/5	5/5
equal RegExp objects	889015 ops	1480103 ops	1455961 ops	15153438 ops	10195817 ops	9731748 ops	failed	6100 ops
not equal RegExp objects (different pattern)	903704 ops	1490586 ops	1476291 ops	25818256 ops	13824770 ops	20484112 ops	11610560 ops	16237 ops
not equal RegExp objects (different flags)	888350 ops	1459180 ops	1462713 ops	14986403 ops	9699134 ops	13572738 ops	11529334 ops	16378 ops
RegExp and string are not equal	7031916 ops	27574120 ops	59575671 ops	99702342 ops	37331477 ops	95702329 ops	20752647 ops	35243 ops
RegExp and object are not equal	7347758 ops	28565837 ops	43141934 ops	40683064 ops	26007643 ops	23606704 ops	15270345 ops	17209 ops
functions	(146) 2/2	(76) 2/2	(125) 2/2	(197) 2/2	(85) 2/2	(195) 2/2	(82) 2/2	(81) 2/2
same function is equal	88582323 ops	67175021 ops	116142012 ops	116916269 ops	62696604 ops	120391065 ops	65196134 ops	88320535 ops
different functions are not equal	89757494 ops	25792481 ops	36788806 ops	122667245 ops	41530257 ops	116706402 ops	34349330 ops	10800298 ops
sample objects	(19) 1/1	(78) 1/1	(76) 1/1	(90) 1/1	(81) 1/1	(100) 1/1	(56) 1/1	1/1
big object	244068 ops	978646 ops	963401 ops	1135743 ops	1026706 ops	1254273 ops	706553 ops	989 ops