

```
structure(list(date = structure(c(17533, 17534, 17535, 17536,
17539, 17540, 17541, 17542, 17543, 17547, 17548, 17549, 17550,
17553, 17554, 17555, 17556, 17557, 17560, 17561, 17562, 17563,
17564, 17567, 17568, 17569, 17570, 17571, 17574, 17575, 17576,
17577, 17578, 17582, 17583, 17584, 17585, 17588, 17589, 17590,
17591, 17592, 17595, 17596, 17597, 17598, 17599, 17602, 17603,
17604, 17605, 17606, 17609, 17610, 17611, 17612, 17613, 17616,
17617, 17618, 17619, 17623, 17624, 17625, 17626, 17627, 17630,
17631, 17632, 17633, 17634, 17637, 17638, 17639, 17640, 17641,
17644, 17645, 17646, 17647, 17648, 17651, 17652, 17653, 17654,
17655, 17658, 17659, 17660, 17661, 17662, 17665, 17666, 17667,
17668, 17669, 17672, 17673, 17674, 17675, 17676, 17680, 17681,
17682, 17683, 17686, 17687, 17688, 17689, 17690, 17693, 17694,
17695, 17696, 17697, 17700, 17701, 17702, 17703, 17704, 17707,
17708, 17709, 17710, 17711), tzone = "UTC", tclass = "Date", class =
"Date"),
`10026` = c(NA, -0.00998786767581905, 0.0138127158236847,
-0.00955052427703185, 0.000741739716790146,
-0.00720975675493563,
-0.0127595357676122, 0.00776838940132052, -0.000613957295859224,
0.00109215017064845, 0.0367516705304787, -0.01025971719829,
0.0219947490202173, -0.026332899869961, 0.00313856427378956,
-0.0123818399680468, 0.0172553248854137, -0.0145109992048768,
0.00551334633228007, -0.0706117686392511, -0.00395719088012159,
0.00794560820572077, -0.0183459236309247, -0.0273031829464154,
0.0200389507626124, -0.00860856449120728, -0.0190738445098826,
0.0130135431641067, 0.00261416087833322, 0.00275618275058243,
0.0278582571874304, 0.00303555941023403, 0.00230587980977082,
-0.00359453604640292, -0.0191198398903435, -0.00970945200441331,
0.00586793433855748, 0.0125535371437011, -0.0070011668611436,
-0.0134400705052877, 0.00126554008784319, 0.0202230483271375,
0.0107127240926979, 0.0162232316677482, 0.00276713495104319,
-0.002334960730206, 0.00567375886524824, -0.00486600846262342,
-0.00070873786407788, -0.0147507279448781, -0.025552366339334,
0.00967646624316743, -0.00424317799400087, -0.00330614943795471,
-0.013563246351172, -0.000896801606874886, -0.0126403141361257,
0.0240133341423632, -0.000739680480816629, -0.0034053893988748,
0.0144109344822463, -0.0167691857059168, 0.0236091457510985,
0.0130238649592549, 0.00933706816059776, -0.0145876325339785,
0.0022385181975737, 0.00943886515158621, 0,
0.000142683787103248,
-0.00413938053097351, 0.0205676523267631, 0.0109542869180534,
0.000138987289018733, -0.0133342583975098, -0.00985436687165719,
-7.10883628349812e-05, -0.00277264325323467,
0.00128323946674258,
0.000142399430402396, -0.00989535132056663, -0.0120074777106702,
-0.0388617276762973, -0.0182479731772566, -0.00647840505938613,
0.0301194666884437, 0.0177091183119822, 0.0033320992225101,
0.00177129151291533, 0.000441947808903276, 0.00942562592047125,
-0.00809746133644595, 0.00544245054056058, 0.0141174007667761,
0.0119734564339298, 0.00285103349964344, 0.00106616915422886,
-0.0255591746141871, 0.00582877959927153, 0.0057225642883012,
0.00165665514261004, 0.00740634159730047, 0.0251248376070781,
-0.0139256370978972, 0.010097443863861, 0.0195036700454385,
```

0.0110394953373558, -0.00874872838250251, 6.84181718664245e-05,
0.00759389751659034, 0.0033269961977187, 0.00629356432293404,
0.00416953597848013, 0.0113848773516692, 0.00463514766256123,
-0.000329554442393909, 0.00962616206237232, 0.00176314242800246,
0.00352027402348587, 0.00610627517214501, -0.000645661157024802,
0.0144074815867683, -0.0171962943249661, -0.00602682911023267,
-0.00593297692006778), `10028` = c(NA, 0.0102061855670104,
-0.0205122971731809, -0.0103146488851844, 0.0631645436361723,
-0.0690167343301317, 0.0316953839608594, -0.00824742268041234,
0.0343035343035343, -0.0733668341708542, 0.0734273318872016,
-0.000303122158229807, 0.0309278350515465, -0.0287254901960784,
0.00938730190774195, 0.0501, -0.0191410341872202, 0,
-0.0679611650485438,
0, 0.046875, -0.0348258706467661, -0.020618556701031,
-0.0313684210526315,
0.000869376222560447, 0.0206297502714439, -0.0106382978723403,
-0.0322580645161291, 0.0222222222222221, 0, 0.0158695652173912,
-0.00481489407233038, 0.02128803354478, -0.0209495736393304,
0.0103225806451612, 0.00234142188165176, 0.00934380972605653,
-0.000525983589312107, -0.000105252078728579,
-0.0210526315789473,
-0.0053763440860215, 0.0810810810810809, -0.053,
-0.0390707497360083,
0.0219780219780219, -0.0108602150537634, 0.000108707468203129,
0, 0.0080434782608696, -0.0187621306879447,
0.000109890109890154,
-0.000109878035380762, 0, -0.0307692307692308,
-0.0258503401360545,
0.0416666666666667, -0.0100558659217878, -0.0244920993227992,
-0.0396852944579429, 0.013975903614458, -0.0137832699619772,
-0.0240963855421685, 0.0246913580246912, 0.0110843373493976,
-0.0238322211630123, -0.00769042968750011, 0.017099274203469,
0.0293904208998548, 0.0222065562213607, -0.0219540229885058,
0, 0.00434833705488313, 0.0063187456119822, 0.00813953488372099,
-0.00807381776239913, 0, -0.000116279069767411,
-0.0232585184323759,
0.0121443028932016, -0.0295259381249265, 0.0060606060606061,
0.0120481927710843, -0.0119047619047619, -0.00614457831325299,
-0.0180627954903624, -0.0246913580246914, -0.0126582278481012,
0.0384615384615385, -0.0234567901234568, -0.00126422250316061,
-0.0341772151898735, -0.0252948885976408, -0.0181524808390481,
-0.0153382634894549, 0.0739916550764952, -0.0282310282310283,
0.0126599147121536, -0.0130280300039479, -0.0253333333333333,
0.0292749658002736, -0.00318979266347685, -0.0270666666666667,
-0.0132931341647253, 0.125, -0.0903703703703704,
0.0177795874049946,
-0.0266702226963595, -0.0135635018495684, 0.0048611111111112,
-0.00884588804422959, 0.0181285734207224, -0.0001369675386933,
-0.0273972602739726, -0.0140845070422535, 0.157142857142857,
-0.109876543209877, 0.014008321775312, 0.0258514567090686,
-0.00346666666666673, -0.0445544554455446, 0.00504131074079273,
0.0590776090288421, -0.0723589001447179, 0.00694936888384623,
0.0140845070422535), `10032` = c(NA, 0.00130975769482644,
0.0122629169391759, 0.00492650621870472, 0.0466929197138954,

-0.00906019656019663, -0.0119324345265769, 0.0123902132998746,
0.0204492641363285, -0.0318809776833157, 0.00925199937274579,
-0.0658794282162835, 0.0073186959414504, -0.00974240422721273,
0.00533600133400025, -0.0106153590976945, 0.0149203688181057,
0.0122233234225306, -0.0119125326370758, -0.00990916597853009,
-0.00333611342785656, 0.0123849372384937, -0.0110762109439577,
-0.027415580073554, 0.0134066689584049, 0.00729308005427409,
-0.0313184037716787, -0.00104293412132805, 0.010266225856969,
-0.0072338959696866, 0.0152671755725191, 0.0105946684894054,
0.000338180588434156, 0.0270453008789724, -0.00971033574720204,
0.00515206913744382, 0.00793650793650791, 0.0150918635170605,
-0.0105042016806723, -0.0148619957537155, -0.00513925729442977,
0.0236627228795201, 0.00455803353410378, 0.0134500081024145,
0.00959385992964501, -0.0023756731073804, 0.0204794411811398,
0.0132233976353453, -0.0102871180715493, -0.00853242320819103,
0.00688468158347666, 0.0226884226884227, -0.0132198753988756,
-0.00615953187557727, -0.00185931205453993, -0.0276311704439616,
-0.0370370370370371, -0.00116047745358094, -0.0293775933609959,
0.000341997264021954, 0.0210256410256409, -0.0165745856353591,
0.0156622403813413, 0.00134093194770379, 0.00150652828925346,
-0.0207253886010362, -0.00273084144051894, 0.0255005990073593,
0.00901201602136181, 0.00628514720476359, 0.0175871137409598,
0.00242287191083834, 0.00032226877215602, 0.00982603092783507,
-0.0012761205933961, -0.00511100463184799, 0.000481618237277326,
-0.00706033376123227, -0.00646412411118302, -0.110279765777489,
0.0157221206581353, -0.0129589632829373, 0.0255288110867979,
0.00782361308677104, -0.000705716302046522, 0.027542372881356,
-0.0020618556701032, 0.00447658402203865, -0.00308536167295181,
0.0110041265474552, 0.00544217687074822, -0.00541271989174563,
-0.00935374149659862, 0.0116738197424893, 0.00916341422026123,
0.00504456028249556, -0.00150577212648495, -0.0102211796246648,
-0.0135432537667174, -0.00858074480864934, 0.003635104725636,
0.00569161779924121, 0.0157777396672953, -0.0182340030390005,
0.012725709372313, 0.00950925454236717, 0.0218671152228762,
0.00954732510288059, -0.000978314038806327,
-0.00440672433491107,
0.00508196721311482, -0.00505627140760079, -0.00786885245901636,
0.00908790482485133, 0.00425740953004738, -0.00538072721343552,
-0.000983606557377059, 0.0129635707253035, -0.00437388627895663,
0.00325414904002597, -0.0311385014596172, 0.0132239705390023,
-0.0079299520898729, -0.00932556203164026, 0.000840477391158112
) , `10044` = c(NA, 0.0256410256410258, 0.00249999999999995,
-0.00249376558603487, -0.008333333333333333, 0.000840336134453779,
0.00923593618807717, 0.0391014975041597, -0.0120096076861489,
-0.00729335494327388, 0.00489795918367353, -0.00649878147847283,
0.017170891251022, -0.00401929260450151, 0.00322841000807106,
-0.00876910699919553, 0.0136352568785003, -0.00712627111858444,
0, 0.0024193548387097, -0.00321802091713586,
-0.00968523002421318,
0.00407497962510184, -0.0089285714285714, -0.000819000819000992,
0.00491803278688518, -0.00407830342577475, 0.0141195741195741,
-0.00180901925313359, 0.00970873786407767, 0.00881410256410242,
-0.0015885623510723, 0.000795544948289484, -0.0174880763116058,
0.00404530744336573, -0.0112812248186946, -0.00488997555012216,


```
NA_real_, NA_real_, NA_real_, NA_real_, NA_real_, NA_real_,
NA_real_, NA_real_, NA_real_, NA_real_, NA_real_, NA_real_,
NA_real_, NA_real_, NA_real_, NA_real_, NA_real_, NA_real_,
NA_real_, NA_real_, NA_real_, NA_real_, NA_real_, NA_real_,
NA_real_, NA_real_, NA_real_, NA_real_, NA_real_, NA_real_
), `10065` = c(NA, 0.00794701986754975, 0.00854139290407363,
0.00195439739413694, 0.00260078023407018, 0.00324254215304798,
0, 0.0064641241118291, 0.00642260757867685, 0,
0.00382897255902992,
-0.000635727908455119, 0.00381679389312972, 0.00633713561470217,
0.0100755667506296, -0.00311720698254359, -0.00250156347717334,
0.00752351097178683, -0.00560049782202865, -0.00876095118898623,
0.0037878787878789, -0.00125786163522013, -0.0214105793450883,
-0.0444015444015444, 0.0154882154882154, 0.00265251989389914,
-0.0337301587301587, 0.00889801505817944, 0.0128900949796471,
0.00200937709310112, 0.0140374331550801, 0.007910349373764,
0.00327011118378029, -0.00651890482398954, -0.00262467191601057,
0.00131578947368438, 0.0151116951379762, 0.00970873786407767,
-0.00641025641025639, -0.0109677419354839, -0.0123939986953685,
-0.00198150594451796, 0.00727994705493051, 0.00131406044678051,
0.000485564304461894, 0.00476146752889006, 0.0182767624020888,
0.00448717948717947, -0.00957243139757502, -0.009020618556701,
-0.0013003901170352, 0, -0.0110677083333334,
0.00197498354180392,
0.000657030223390365, -0.0262639527248851, -0.0215778826702629,
0.0248104755341143, -0.0161398789509077, -0.00273410799726592,
0.0123372172721041, -0.022342586323629, 0.0110803324099724,
0.0123287671232877, 0.00744248985115026, -0.0188045668233715,
0.00136892539356603, 0.0143540669856459, -0.00202156334231807,
0.00405131667792014, -0.00268997982515129, 0.00674308833445725,
0.0107166778298728, 0.00331345261762772, -0.00330250990752978,
-0.0119284294234592, 0.00201207243460755, -0.0120481927710843,
-0.00135501355013545, 0.0135685210312075, 0.000669344042838027,
-0.00468227424749157, 0.000672043010752743,
-0.00402955003357963,
-0.00202292650033709, 0.0128378378378378, 0.000667111407605114,
0, 0.00733333333333319, 0.00992720052945062,
0.00262123197903019,
0.00130718954248366, -0.00391644908616195, 0,
-0.00196592398427253,
-0.00328299409061072, 0.00856389986824779,
-0.000653167864141047,
0.000653594771241828, 0.000653167864141047,
-0.00391644908616195,
-0.00982961992136311, 0.013236267372601, -0.00587851077726975,
0.0124835742444152, 0.0019467878001298, 0.00388601036269431,
0.00774193548387081, 0.000640204865557159, 0.000639795265515053,
0.00127877237851659, 0.00510855683269473, -0.00190597204574328,
0.00190961171228521, -0.00254129606099118, -0.00254777070063694,
-0.00510855683269473, 0.00192554557124525, -0.00320307495195382,
0.00514138817480725, -0.0159846547314578, 0.00129954515919417,
-0.0064892926670993, 0.00326583932070545, 0.00390625), `10104` =
c(NA,
```

0.023161055114733, 0.00985118423810527, 0.00601909506019083,
0.0105219723540333, 0.00163331972233571, -0.00529963310232384,
0.00307377049180335, 0.0114402451481102, 0.00161583518481123,
0.0137124420246018, -0.0007957032027055, 0.00696794744176787,
0.00257018584420732, 0.00808519029777166, 0.00645539906103298,
0.00291545189504361, 0.0222868217054264, -0.0153554502369668,
-0.0188679245283019, 0.0123626373626373, 0.000775344058926208,
-0.0290528762347473, -0.0406941950927588, 0.0272405905593678,
-0.0107287449392712, -0.041538776345406, 0.0190008539709647,
0.00879949717159012, 0.00706126687435105, 0.0197978964734997,
0.0240647118301314, 0.00138230647709325, -0.0161703805955433,
-0.00922028462617763, 0.00323690066761073, 0.018350473885864,
0.0132673267326733, -0.00859878835255046, -0.0011827321111767,
-0.0189461219656601, 0.0122711728022531, 0.0192766295707472,
0.00409436537336716, 0.00427184466019415, 0.00792730085073479,
0.0161135622482256, -0.00132150273739851, -0.0060491493383743,
-0.00494484594903, 0.0009556574923546, -0.00190949016612552,
-0.00612205854218484, -0.0943214629451397,
-0.000637619553666147,
-0.0240323266695024, -0.0239703639137068, 0.0377316365260103,
-0.0236660929432012, -0.00881445570736017, 0.0171187194308582,
-0.0161748633879781, -0.00266607420573195, 0.0138115393183336,
0.00988793671720511, -0.0245865970409052, 0.00156145438322564,
0.0204899777282852, -0.00458315146224353, 0.00591975443981596,
0.00435919790758499, -0.000651041666666741, 0.0132464712269273,
0.00900128589798554, -0.00552251486830924, -0.0126014523707818,
-0.00930131948950896, -0.00589519650655013, 0.00483197891500109,
0.00459016393442635, -0.0093559617058312, 0.00307489567318253,
0.00613093934749287, -0.00957562568008719, -0.00988793671720489,
0.0144252108300045, 0.0078757383504704, -0.00282179292381168,
0.0139312146277755, 0.00751395448690428, -0.00234391647134025,
0, -0.000213583938487805, -0.00170903653065591,
-0.00406591054996785,
-0.00472711645895996, 0.0192141623488773, -0.0177928404998942,
0.0114298037524261, -0.00938166311300637, 0.0116229014205769,
-0.0157446808510638, 0.0170773886727194, -0.00701381509032939,
0.013484589041096, -0.000633579725448863, -0.00401521555367701,
0.0131551029068533, -0.00146596858638748, 0.0104865771812082,
0.000207555002075477, 0.00539531023033835, -0.00371517027863777,
-0.0490988191423245, 0.00827886710239656, 0.00518582541054458,
-0.00537403267411862, -0.0745623514156041, 0.00653900046707157,
0.0232018561484919, 0.00408163265306127, 0.00293586269196022,
-0.0216167529835621, 0.0089758342922901, 0.00501824817518237
, `10107` = c(NA, 0.00465386852821403, 0.0088013896931094,
0.0123981173229251, 0.00102052386891938, -0.000679655641141808,
-0.00453411924733627, 0.00296060122978825, 0.0172570390554041,
-0.0139508928571429, 0.0202603282399547, -0.000443754160195375,
-0.00110987791342942, 0.01788888888888888, 0.00316559327584343,
-0.000870511425462572, 0.00555434545850586, 0.0187371385248565,
-0.00148841165213698, -0.0125638841567292, 0.0244770325641579,
-0.00789390590464156, -0.0263102058137068, -0.0411854434517324,
0.0378409090909091, -0.0188328041169386, -0.0513335565227094,
0.0372897306199271, 0.0107734180086185, 0.00785369684730175,
0.0109094957141267, 0.0203722057042175, -0.00712281459097774,

0.00782608695652165, -0.0132657463330458, 0.00262323751229654,
0.0254006322904174, 0.0144588560493302, -0.0127855795430727,
-0.00456475583864124, -0.00981124026874269, 0.0021540118470651,
0.00634067705534669, -0.00341734301580532, 0.00578654093441933,
0.00607287449392713, 0.0223445938790638, 0.00238243215247547,
-0.024387723468017, -0.0059315750450164, 0.00351624933404393,
0.00445954555107231, -0.0180761099365749, 0.0025837011519001,
-0.00697949103403839, -0.0290873702422145, -0.0290678249248246,
0.0757054370268408, -0.04595862657283, -0.000894154465183816,
0.0210314352835888, -0.0301303823819437, 0.013443289652056,
0.0292052168097203, 0.000541535795516079, -0.0232734358086165,
0.00598470575196708, 0.0232455657155448, -0.0109819121447028,
0.018724145438711, -0.005343022201325065, 0.0117103566824237,
0.0201762769459488, 0.00385135838451145, -0.00342181667357944,
-0.0115492664655082, 0.00368421052631573, -0.0233875196643942,
-0.00869845360824739, 0.0211244718882029, 0.016549968173138,
-0.0240033395950741, 0.0158254918733962, -0.0156842105263157,
0.00598866431397704, 0.0115871159774636, 0.0111391340899538,
-0.00426106838495111, 0.0117941759732805, 0.0100061893955024,
-0.00214482688183015, 0.00337768679631534, -0.00724268081199642,
-0.00174681463214121, -0.00998455995882652, 0.00187149095446038,
0.012868410128684, -0.00102459016393441, 0.011897435897436,
-0.00354753699574295, 0.000508595259892219,
-0.00355835705571361,
0.00959085807570648, -0.00111167256189992, 0.0197288547146905,
0.00873102490326416, 0.00511458640700302, 0.0029357079949115,
-0.0157088496438677, 0.00743457573354478, -0.0057069762865295,
0.00257298367144987, -0.00454051919849974, 0.00565195835399113,
-0.0127193847367384, 0.00729052232098271, 0, 0.0100138806266112,
-0.00716599587709832, -0.00721771801463322, -0.0201175181754805,
0.00701290781583497, -0.0155429955591441, 0.0111749026040597,
-0.000202778059413933), `10113` = c(NA, 0.0104477611940299,
0.00377482356802883, 0.00784826684107265, 0,
0.00470473718364706,
-0.00339092523817219, 0.00729099157485424, 0.00643397136882728,
-0.010708007032124, 0.0126009693053313, -0.00143586470963619,
0.00383447835117412, 0.00381983129078467, -0.0152211828127478,
0.00193205602962476, 0.00723123895227396, 0.0100510529674538,
-0.0124782814721213, -0.0099168266154831, 0.00840064620355419,
-0.00528676706183917, -0.0304396843291995, -0.0340531561461794,
0.0268271711092003, -0.0113883771562552, -0.0408266982890056,
0.00459201695513967, 0.0265471167369902, -0.00291145744134269,
0.0273102026794916, 0.0183915733154989, -0.00197011984895745,
0.00575752590886669, 0.00098135426889101, 0.00392156862745097,
0.0139973958333333, -0.00914927768860352, -0.0153086019763486,
-0.00534671382742447, -0.0186900430036389,
-0.000182032698466172,
0.00591376822344203, 0.0122339534104239, 0.0024834437086092,
0.00611065235342689, 0.0142810242941562, 0.00614986243728755,
-0.0128679427376549, -0.00716962685351141,
-0.000656491055309405,
-0.00131384463787154, -0.00888011840157865, 0.00464576074332168,
0.00495458298926521, -0.0305669679539852, -0.0149177826750297,
0.021510927551196, -0.0213948787061994, -0.0108452401446032,

```
0.0223633832231116, -0.0244276108604987, 0.00959692898272557,
0.000518492913930135, 0.00846432889963733, -0.0119904076738609,
0.00416088765603329, 0.0229627071823204, 0.00236286919831219,
0.00791379020037031, -0.00735048446374875, -0.0090878492090205,
0.0110394021739131, 0.00974298672938012, -0.00661953086008982,
-0.00656650829563854, -0.00775455158462579, 0.00152905198776754,
-0.0171331636980493, 0.00621332412840858, 0.00257289879931388,
-0.000342172797262674, -0.000684579839123733,
-0.00976194553861964,
-0.00951227948806632, 0.00646062510913215, 0.00208188757807082,
-0.00485976454293624, 0.00679722961135565, 0.0160705028512182,
-0.00816326530612244, 0.00411522633744865, 0.00887978142076506,
0.00778605280974953, -0.00461874370171311, 0.000253100480891,
0.00472334682861009, -0.001846877098724, -0.00790580319596312,
-0.00254323499491349, -0.00934897161312254, -0.0195607412491421,
0.00861743087154343, 0.000478897286942725, 0.00607006590357262,
0.0114600930873987, 0.0125300810569444, 0.0111092408685407,
-0.0169801897785917, 0.00999153259949193, -0.00570087189805502,
-0.00387858347386172, -0.0101574403250381, -0.00444672481614494,
-0.0125408005497338, -0.00521920668058451, -0.012242042672263,
0.0056657223796035, -0.0119718309859155, -0.00409836065573765,
-0.0331007335838254, 0.00388601036269431, -0.0171428571428571,
-0.0031882970742686, 0.00169332079021633)), class =
c("data.table",
"data.frame"), row.names = c(NA, -125L), .internal.selfref =
<pointer: 0x7f878680d6e0>)
```