

## Annex C. Normalised data of analysed indicators and countries

### C.1. Normalised values of real GDP annual growth, % (authors calculations according to Bloomberg data)

| Country<br>(market) | Real GDP annual growth, % |        |        |        |        |        |        |        |        |        |
|---------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                      | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.6006                    | 0.5830 | 0.4374 | 0.6598 | 0.6322 | 0.7137 | 0.7199 | 0.7702 | 0.4166 | 0.7745 |
| Austria             | 0.6370                    | 0.6712 | 0.4591 | 0.6603 | 0.6819 | 0.6889 | 0.6438 | 0.6668 | 0.3867 | 0.7595 |
| Germany             | 0.6247                    | 0.6523 | 0.3845 | 0.7443 | 0.7146 | 0.6778 | 0.6594 | 0.7073 | 0.4051 | 0.7773 |
| Finland             | 0.6905                    | 0.6376 | 0.2759 | 0.7018 | 0.6729 | 0.5939 | 0.6063 | 0.6124 | 0.3699 | 0.7552 |
| Ireland             | 0.6430                    | 0.4310 | 0.4277 | 0.6644 | 0.5729 | 0.6080 | 0.6853 | 1.0000 | 1.0000 | 0.9315 |
| Norway              | 0.6134                    | 0.6240 | 0.5483 | 0.6086 | 0.6115 | 0.7765 | 0.6810 | 0.7211 | 0.4024 | 0.7409 |
| South Korea         | 0.7000                    | 0.7232 | 0.6438 | 0.8385 | 0.7154 | 0.7566 | 0.7618 | 0.7817 | 0.4310 | 0.8216 |
| Italy               | 0.5636                    | 0.5658 | 0.3901 | 0.6509 | 0.5965 | 0.5329 | 0.5650 | 0.6442 | 0.3824 | 0.7318 |
| Lithuania           | 0.8924                    | 0.7150 | 0.0076 | 0.6491 | 0.8061 | 0.8241 | 0.7878 | 0.7883 | 0.4065 | 0.7972 |
| Netherlands         | 0.6397                    | 0.6773 | 0.4603 | 0.6398 | 0.6381 | 0.6100 | 0.6304 | 0.6998 | 0.4107 | 0.7899 |
| Belgium             | 0.6294                    | 0.6387 | 0.5211 | 0.6902 | 0.6432 | 0.6623 | 0.6359 | 0.7095 | 0.3992 | 0.7462 |
| Brazil              | 0.7208                    | 0.8150 | 0.6096 | 0.8788 | 0.7266 | 0.7403 | 0.7664 | 0.6608 | 0.2721 | 0.5256 |
| United States       | 0.5740                    | 0.5966 | 0.5010 | 0.6839 | 0.6357 | 0.7536 | 0.7099 | 0.7404 | 0.4263 | 0.7657 |
| Latvia              | 0.8535                    | 0.4620 | 0.0274 | 0.4373 | 0.8188 | 0.8315 | 0.7503 | 0.7297 | 0.4291 | 0.7811 |
| Estonia             | 0.7782                    | 0.3886 | 0.0113 | 0.6732 | 0.8653 | 0.8447 | 0.6988 | 0.7596 | 0.3984 | 0.7636 |
| Sweden              | 0.6296                    | 0.5858 | 0.4023 | 0.8187 | 0.6764 | 0.6437 | 0.6914 | 0.7503 | 0.4624 | 0.8377 |
| Denmark             | 0.5443                    | 0.5876 | 0.4137 | 0.6581 | 0.6256 | 0.6662 | 0.6783 | 0.7108 | 0.4023 | 0.7506 |
| Hong Kong           | 0.7343                    | 0.6947 | 0.5140 | 0.8491 | 0.7588 | 0.7307 | 0.7706 | 0.7571 | 0.4214 | 0.7855 |
| Switzerland         | 0.6548                    | 0.7008 | 0.5275 | 0.7003 | 0.6435 | 0.7021 | 0.7143 | 0.7244 | 0.3838 | 0.7506 |
| Israel              | 0.7230                    | 0.7325 | 0.6668 | 0.8003 | 0.7683 | 0.7605 | 0.8248 | 0.7741 | 0.4242 | 0.8775 |
| France              | 0.5939                    | 0.6163 | 0.5041 | 0.6618 | 0.6540 | 0.6643 | 0.6631 | 0.6797 | 0.3893 | 0.7460 |
| Australia           | 0.6414                    | 0.7584 | 0.6890 | 0.6634 | 0.6653 | 0.8153 | 0.7479 | 0.7505 | 0.4221 | 0.8187 |
| Greece              | 0.6251                    | 0.5948 | 0.4385 | 0.3714 | 0.2247 | 0.3369 | 0.5006 | 0.6544 | 0.3581 | 0.6918 |
| Portugal            | 0.5984                    | 0.6165 | 0.4927 | 0.6592 | 0.5045 | 0.4800 | 0.5904 | 0.6774 | 0.4020 | 0.7557 |
| Poland              | 0.7538                    | 0.7808 | 0.7303 | 0.7258 | 0.7665 | 0.7266 | 0.6977 | 0.7792 | 0.4565 | 0.8147 |
| Russia              | 0.8051                    | 0.8213 | 0.2942 | 0.7608 | 0.7377 | 0.8102 | 0.6930 | 0.6705 | 0.2949 | 0.6809 |
| Croatia             | 0.6893                    | 0.6917 | 0.3121 | 0.5188 | 0.5636 | 0.5606 | 0.5932 | 0.6184 | 0.4032 | 0.8262 |

| Country<br>(market) | Real GDP annual growth, % |        |        |        |        |        |        |        |        |        |
|---------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                      | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Turkey              | 0.6852                    | 0.6427 | 0.4220 | 0.9162 | 1.0000 | 0.8658 | 1.0000 | 0.8595 | 0.5102 | 0.8238 |
| Czech Re-public     | 0.7023                    | 0.7184 | 0.4163 | 0.6746 | 0.6512 | 0.6213 | 0.6179 | 0.7550 | 0.4733 | 0.8030 |
| Bulgaria            | 0.7757                    | 0.8375 | 0.4418 | 0.5872 | 0.6478 | 0.6576 | 0.6752 | 0.6960 | 0.4510 | 0.8499 |
| Romania             | 0.7480                    | 0.9515 | 0.3251 | 0.5540 | 0.6149 | 0.6843 | 0.7889 | 0.7704 | 0.4588 | 0.9133 |
| Cyprus              | 0.6781                    | 0.7651 | 0.5421 | 0.6365 | 0.5867 | 0.5181 | 0.3851 | 0.5740 | 0.4041 | 0.8219 |
| China               | 1.0000                    | 1.0000 | 1.0000 | 1.0000 | 0.9396 | 1.0000 | 0.9688 | 0.9504 | 0.5306 | 1.0000 |
| Ukraine             | 0.7834                    | 0.7017 | 0.0082 | 0.7489 | 0.7837 | 0.6667 | 0.6374 | 0.3600 | 0.1266 | 0.7976 |
| Japan               | 0.5697                    | 0.5641 | 0.3934 | 0.7486 | 0.5700 | 0.7217 | 0.7237 | 0.6536 | 0.3929 | 0.7373 |
| Spain               | 0.6421                    | 0.6537 | 0.4683 | 0.5857 | 0.5361 | 0.5281 | 0.5659 | 0.6981 | 0.4411 | 0.8404 |

## C.2. Normalised values of debt to GDP ratio (authors calculations according to Bloomberg data)

| Country<br>(Market) | Debt to GDP ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                 | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United King-dom     | 0.0881               | 0.0896 | 0.1085 | 0.0868 | 0.0748 | 0.1138 | 0.1183 | 0.1215 | 0.1135 | 0.1064 |
| Austria             | 0.0568               | 0.0654 | 0.0874 | 0.0797 | 0.0738 | 0.1183 | 0.1255 | 0.5355 | 0.1181 | 0.1123 |
| Germany             | 0.0581               | 0.0691 | 0.0964 | 0.0815 | 0.0775 | 0.1214 | 0.1316 | 0.5874 | 0.1419 | 0.1391 |
| Finland             | 0.1088               | 0.1376 | 0.1679 | 0.1401 | 0.1258 | 0.1800 | 0.1805 | 0.5316 | 0.1586 | 0.1494 |
| Ireland             | 0.1374               | 0.0963 | 0.1047 | 0.0793 | 0.0552 | 0.0747 | 0.0771 | 0.3726 | 0.1101 | 0.1260 |
| Norway              | 0.0755               | 0.0962 | 0.1683 | 0.1583 | 0.2218 | 0.3333 | 0.3434 | 2.4095 | 0.3156 | 0.2669 |
| South Korea         | 0.1289               | 0.1607 | 0.2244 | 0.2129 | 0.1930 | 0.3012 | 0.2974 | 2.6435 | 0.2665 | 0.2417 |
| Italy               | 0.0371               | 0.0439 | 0.0622 | 0.0572 | 0.0524 | 0.0786 | 0.0791 | 0.2595 | 0.0765 | 0.0716 |
| Lithuania           | 0.2327               | 0.3082 | 0.2500 | 0.1823 | 0.1640 | 0.2437 | 0.2636 | 4.4370 | 0.2365 | 0.2363 |
| Netherlands         | 0.0867               | 0.0821 | 0.1230 | 0.1113 | 0.1000 | 0.1461 | 0.1507 | 1.9234 | 0.1549 | 0.1525 |
| Belgium             | 0.0425               | 0.0486 | 0.0704 | 0.0662 | 0.0595 | 0.0930 | 0.0966 | 0.4705 | 0.0953 | 0.0897 |
| Brazil              | 0.0580               | 0.0727 | 0.1078 | 0.1047 | 0.0997 | 0.1559 | 0.1695 | 0.2510 | 0.1393 | 0.1213 |
| United States       | 0.1051               | 0.1145 | 0.1338 | 0.1084 | 0.0926 | 0.1378 | 0.1405 | 1.1671 | 0.1378 | 0.1234 |
| Latvia              | 0.4405               | 0.2406 | 0.1913 | 0.1392 | 0.1429 | 0.2354 | 0.2476 | 0.7007 | 0.2767 | 0.2369 |
| Estonia             | 1.0000               | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| Sweden              | 0.0949               | 0.1200 | 0.1707 | 0.1723 | 0.1627 | 0.2566 | 0.2525 | 0.2367 | 0.2301 | 0.2284 |
| Denmark             | 0.1355               | 0.1351 | 0.1741 | 0.1549 | 0.1323 | 0.2160 | 0.2318 | 0.2432 | 0.2551 | 0.2513 |

| Country<br>(Market) | Debt to GDP ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                 | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Hong Kong           | 0.1229               | 0.1506 | 0.2107 | 0.1861 | 0.1752 | 0.2837 | 0.3014 | 0.3344 | 0.2730 | 0.2474 |
| Switzerland         | 0.0767               | 0.0910 | 0.1479 | 0.1431 | 0.1325 | 0.2079 | 0.2230 | 0.2341 | 0.2205 | 0.2093 |
| Israel              | 0.0507               | 0.0626 | 0.0938 | 0.0934 | 0.0886 | 0.1420 | 0.1524 | 0.1621 | 0.1576 | 0.1527 |
| France              | 0.0575               | 0.0662 | 0.0887 | 0.0809 | 0.0716 | 0.1084 | 0.1105 | 0.1128 | 0.1056 | 0.0990 |
| Australia           | 0.3822               | 0.3836 | 0.4182 | 0.3224 | 0.2522 | 0.3493 | 0.3317 | 0.3129 | 0.2684 | 0.2312 |
| Greece              | 0.0359               | 0.0411 | 0.0552 | 0.0451 | 0.0354 | 0.0608 | 0.0575 | 0.0595 | 0.0569 | 0.0531 |
| Portugal            | 0.0541               | 0.0628 | 0.0837 | 0.0686 | 0.0548 | 0.0769 | 0.0791 | 0.0819 | 0.0783 | 0.0729 |
| Poland              | 0.0837               | 0.0966 | 0.1406 | 0.1243 | 0.1128 | 0.1806 | 0.1831 | 0.2131 | 0.1977 | 0.1750 |
| Russia              | 0.4619               | 0.6065 | 0.7078 | 0.6250 | 0.5591 | 0.8248 | 0.7798 | 0.6841 | 0.6336 | 0.5575 |
| Croatia             | 0.0981               | 0.1136 | 0.1429 | 0.1132 | 0.0936 | 0.1372 | 0.1241 | 0.1236 | 0.1165 | 0.1128 |
| Turkey              | 0.0968               | 0.1178 | 0.1594 | 0.1646 | 0.1674 | 0.2972 | 0.3259 | 0.3733 | 0.3663 | 0.3265 |
| Czech Repub-<br>lic | 0.1331               | 0.1568 | 0.2053 | 0.1728 | 0.1533 | 0.2180 | 0.2272 | 0.2536 | 0.2506 | 0.2554 |
| Bulgaria            | 0.2270               | 0.3462 | 0.5109 | 0.4314 | 0.4013 | 0.5808 | 0.6000 | 0.3963 | 0.3885 | 0.3220 |
| Romania             | 0.2913               | 0.3409 | 0.3017 | 0.2207 | 0.1784 | 0.2601 | 0.2698 | 0.2716 | 0.2658 | 0.2527 |
| Cyprus              | 0.0692               | 0.1007 | 0.1311 | 0.1183 | 0.0936 | 0.1223 | 0.0998 | 0.0999 | 0.0940 | 0.0881 |
| China               | 0.1274               | 0.1667 | 0.2038 | 0.1956 | 0.1813 | 0.2830 | 0.2757 | 0.2680 | 0.2370 | 0.2055 |
| Ukraine             | 0.3133               | 0.2289 | 0.2052 | 0.1624 | 0.1654 | 0.2584 | 0.2517 | 0.1522 | 0.1273 | 0.1169 |
| Japan               | 0.0202               | 0.0235 | 0.0333 | 0.0306 | 0.0263 | 0.0408 | 0.0417 | 0.0430 | 0.0407 | 0.0379 |
| Spain               | 0.1039               | 0.1139 | 0.1326 | 0.1098 | 0.0878 | 0.1132 | 0.1068 | 0.1066 | 0.1012 | 0.0956 |

### C.3. Normalised values of unemployment ratio (authors calculations according to Bloomberg data)

| Country<br>(Market) | Unemployment ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                  | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United King-<br>dom | 0.4753                | 0.4545 | 0.4111 | 0.4519 | 0.3993 | 0.3954 | 0.4157 | 0.5368 | 0.6226 | 0.6486 |
| Austria             | 0.5144                | 0.6174 | 0.5849 | 0.7303 | 0.7024 | 0.6420 | 0.5861 | 0.5836 | 0.5769 | 0.5191 |
| Germany             | 0.2887                | 0.3386 | 0.4005 | 0.5050 | 0.5506 | 0.5799 | 0.5985 | 0.6586 | 0.7143 | 0.7573 |
| Finland             | 0.3650                | 0.4009 | 0.3762 | 0.4195 | 0.4131 | 0.4063 | 0.3822 | 0.3788 | 0.3522 | 0.3541 |
| Ireland             | 0.5353                | 0.3984 | 0.2581 | 0.2542 | 0.2196 | 0.2127 | 0.2398 | 0.2913 | 0.3511 | 0.3954 |
| Norway              | 1.0000                | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9152 | 0.9425 | 0.7674 | 0.6667 |
| South Korea         | 0.7692                | 0.8044 | 0.8493 | 0.9437 | 0.9413 | 0.9659 | 1.0000 | 0.9266 | 0.9066 | 0.8410 |

| Country<br>(Market) | Unemployment ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                  | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Italy               | 0.4112                | 0.3795 | 0.4000 | 0.4211 | 0.3844 | 0.2930 | 0.2576 | 0.2587 | 0.2775 | 0.2669 |
| Lithuania           | 0.5882                | 0.4377 | 0.2249 | 0.1976 | 0.2086 | 0.2334 | 0.2659 | 0.3066 | 0.3618 | 0.3397 |
| Netherlands         | 0.7862                | 0.9273 | 0.9091 | 0.7910 | 0.6446 | 0.5361 | 0.4323 | 0.4420 | 0.4803 | 0.5191 |
| Belgium             | 0.3351                | 0.3659 | 0.3919 | 0.4246 | 0.4496 | 0.4138 | 0.3713 | 0.3850 | 0.3892 | 0.3985 |
| Brazil              | 0.2674                | 0.3216 | 0.3822 | 0.5207 | 0.5368 | 0.5652 | 0.5796 | 0.6763 | 0.4818 | 0.2713 |
| United States       | 0.5411                | 0.4412 | 0.3344 | 0.3659 | 0.3587 | 0.3866 | 0.4241 | 0.5316 | 0.6238 | 0.6407 |
| Latvia              | 0.4125                | 0.3295 | 0.1766 | 0.1807 | 0.1980 | 0.2072 | 0.2637 | 0.3026 | 0.3340 | 0.3237 |
| Estonia             | 0.5447                | 0.4696 | 0.2288 | 0.2108 | 0.2603 | 0.3114 | 0.3627 | 0.4457 | 0.5331 | 0.4622 |
| Sweden              | 0.4058                | 0.4093 | 0.3713 | 0.4088 | 0.4115 | 0.3910 | 0.3888 | 0.4121 | 0.4441 | 0.4464 |
| Denmark             | 0.6579                | 0.7434 | 0.5158 | 0.4718 | 0.4240 | 0.4149 | 0.4471 | 0.4977 | 0.5348 | 0.5049 |
| Hong Kong           | 0.6234                | 0.7163 | 0.5894 | 0.8167 | 0.9386 | 0.9483 | 0.9260 | 1.0000 | 1.0000 | 0.9313 |
| Switzerland         | 0.6849                | 0.7612 | 0.7524 | 0.7318 | 0.7279 | 0.6964 | 0.6589 | 0.6791 | 0.6875 | 0.6341 |
| Israel              | 0.3415                | 0.4180 | 0.4111 | 0.5301 | 0.5732 | 0.4555 | 0.5040 | 0.5550 | 0.6298 | 0.6486 |
| France              | 0.3264                | 0.3612 | 0.3547 | 0.3968 | 0.3644 | 0.3319 | 0.3155 | 0.3184 | 0.3185 | 0.3101 |
| Australia           | 0.5708                | 0.6028 | 0.5576 | 0.6756 | 0.6319 | 0.5977 | 0.5530 | 0.5404 | 0.5446 | 0.5455 |
| Greece              | 0.2976                | 0.3286 | 0.3222 | 0.2767 | 0.1796 | 0.1277 | 0.1139 | 0.1238 | 0.1325 | 0.1325 |
| Portugal            | 0.3141                | 0.3377 | 0.3287 | 0.3268 | 0.2532 | 0.2009 | 0.1934 | 0.2360 | 0.2653 | 0.2818 |
| Poland              | 0.2601                | 0.3581 | 0.3794 | 0.3651 | 0.3333 | 0.3092 | 0.3030 | 0.3648 | 0.4400 | 0.5065 |
| Russia              | 0.4078                | 0.4009 | 0.3699 | 0.4706 | 0.4938 | 0.5714 | 0.5701 | 0.6357 | 0.5925 | 0.5632 |
| Croatia             | 0.2523                | 0.2989 | 0.3370 | 0.3029 | 0.2346 | 0.1959 | 0.1814 | 0.1897 | 0.2027 | 0.2516 |
| Turkey              | 0.2812                | 0.2621 | 0.2464 | 0.3296 | 0.3644 | 0.3819 | 0.3581 | 0.3320 | 0.3223 | 0.2878 |
| Czech Republic      | 0.4699                | 0.5809 | 0.4655 | 0.4835 | 0.4784 | 0.4470 | 0.4504 | 0.5368 | 0.6535 | 0.7899 |
| Bulgaria            | 0.3634                | 0.4545 | 0.4545 | 0.3424 | 0.2851 | 0.2543 | 0.2419 | 0.2872 | 0.3611 | 0.4657 |
| Romania             | 0.3900                | 0.4404 | 0.4519 | 0.5057 | 0.4471 | 0.4595 | 0.4408 | 0.4824 | 0.4846 | 0.5673 |
| Cyprus              | 0.6378                | 0.6986 | 0.5784 | 0.5623 | 0.4084 | 0.2644 | 0.1972 | 0.2039 | 0.2213 | 0.2364 |
| China               | 0.6250                | 0.6071 | 0.7209 | 0.8585 | 0.7829 | 0.7610 | 0.7728 | 0.8000 | 0.8148 | 0.7761 |
| Ukraine             | 0.3937                | 0.4009 | 0.3507 | 0.4346 | 0.4084 | 0.4143 | 0.4365 | 0.3538 | 0.3611 | 0.3216 |
| Japan               | 0.6510                | 0.6391 | 0.6114 | 0.6970 | 0.7009 | 0.7172 | 0.7767 | 0.9136 | 0.9763 | 1.0000 |
| Spain               | 0.3038                | 0.2269 | 0.1736 | 0.1772 | 0.1501 | 0.1259 | 0.1200 | 0.1342 | 0.1496 | 0.1589 |

**C.4. Normalised values of market capitalisation as percentage of GDP ratio (authors calculations according to Bloomberg data)**

| Country<br>(Market) | Market capitalization as percentage of GDP ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007  | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.1001  | 0.1072 | 0.0873 | 0.1027 | 0.1306 | 0.1040 | 0.1076 | 0.1005 | 0.1048 | 0.1104 |
| Austria             | 0.0488  | 0.0294 | 0.0266 | 0.0272 | 0.0219 | 0.0241 | 0.0244 | 0.0199 | 0.0248 | 0.0315 |
| Germany             | 0.0488  | 0.0488 | 0.0351 | 0.0353 | 0.0347 | 0.0389 | 0.0459 | 0.0404 | 0.0496 | 0.0497 |
| Finland             | 0.1030  | 0.1632 | 0.0438 | 0.0348 | 0.0539 | 0.0531 | 0.0500 | 0.0470 | 0.0486 | 0.0495 |
| Ireland             | 0.0425  | 0.0297 | 0.0241 | 0.0230 | 0.0496 | 0.0448 | 0.0632 | 0.0505 | 0.0438 | 0.0410 |
| Norway              | 0.0706  | 0.0521 | 0.0546 | 0.0581 | 0.0488 | 0.0442 | 0.0451 | 0.0397 | 0.0487 | 0.0627 |
| South Korea         | 0.0704  | 0.1189 | 0.0639 | 0.0779 | 0.0987 | 0.0821 | 0.0836 | 0.0802 | 0.0834 | 0.0927 |
| Italy               | 0.0388  | 0.0360 | 0.0279 | 0.0212 | 0.0209 | 0.0216 | 0.0257 | 0.0246 | 0.0337 | 0.0314 |
| Lithuania           | 0.0215  | 0.0262 | 0.0147 | 0.0114 | 0.0129 | 0.0085 | 0.0074 | 0.0082 | 0.0088 | 0.0091 |
| Netherlands         | 0.0908  | 0.0685 | 0.0605 | 0.0667 | 0.0732 | 0.0728 | 0.0839 | 0.0806 | 0.0943 | 0.1114 |
| Belgium             | 0.0651  | 0.0532 | 0.0498 | 0.0469 | 0.0479 | 0.0558 | 0.0640 | 0.0642 | 0.0885 | 0.0814 |
| Brazil              | 0.0782  | 0.0576 | 0.0745 | 0.0590 | 0.0517 | 0.0462 | 0.0367 | 0.0310 | 0.0264 | 0.0424 |
| United States       | 0.1097  | 0.1300 | 0.0971 | 0.0974 | 0.1109 | 0.1072 | 0.1280 | 0.1365 | 0.1350 | 0.1480 |
| Latvia              | 0.0084  | 0.0127 | 0.0071 | 0.0053 | 0.0047 | 0.0035 | 0.0037 | 0.0033 | 0.0051 | 0.0032 |
| Estonia             | 0.0225  | 0.0298 | 0.0106 | 0.0104 | 0.0097 | 0.0079 | 0.0088 | 0.0076 | 0.0090 | 0.0109 |
| Sweden              | 0.1009  | 0.1430 | 0.0699 | 0.0892 | 0.1021 | 0.0986 | 0.1138 | 0.1219 | 0.1335 | 0.1401 |
| Denmark             | 0.0662  | 0.1018 | 0.0455 | 0.0543 | 0.0673 | 0.0637 | 0.0760 | 0.0881 | 0.1185 | 0.1155 |
| Hong Kong           | 1.0000  | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| Switzerland         | 0.2128  | 0.2634 | 0.1832 | 0.1784 | 0.1722 | 0.1720 | 0.2000 | 0.1918 | 0.2200 | 0.2137 |
| Israel              | 0.1044  | 0.0820 | 0.0842 | 0.0821 | 0.0661 | 0.0583 | 0.0616 | 0.0585 | 0.0791 | 0.0675 |
| France              | 0.0820  | 0.0831 | 0.0671 | 0.0609 | 0.0597 | 0.0625 | 0.0728 | 0.0660 | 0.0834 | 0.0879 |
| Australia           | 0.1212  | 0.1069 | 0.1264 | 0.1073 | 0.0948 | 0.0836 | 0.0775 | 0.0796 | 0.0857 | 0.1058 |
| Greece              | 0.0663  | 0.0420 | 0.0317 | 0.0190 | 0.0129 | 0.0169 | 0.0306 | 0.0211 | 0.0210 | 0.0192 |
| Portugal            | 0.0439  | 0.0434 | 0.0374 | 0.0290 | 0.0277 | 0.0281 | 0.0311 | 0.0227 | 0.0292 | 0.0281 |
| Poland              | 0.0393  | 0.0281 | 0.0319 | 0.0336 | 0.0288 | 0.0329 | 0.0347 | 0.0279 | 0.0280 | 0.0297 |
| Russia              | 0.0804  | 0.1022 | 0.0579 | 0.0526 | 0.0424 | 0.0353 | 0.0307 | 0.0169 | 0.0280 | 0.0487 |
| Croatia             | 0.0932  | 0.0635 | 0.0394 | 0.0362 | 0.0399 | 0.0343 | 0.0321 | 0.0347 | 0.0371 | 0.0419 |
| Turkey              | 0.0336  | 0.0254 | 0.0334 | 0.0330 | 0.0261 | 0.0334 | 0.0183 | 0.0212 | 0.0213 | 0.0201 |
| Czech Republic      | 0.0291  | 0.0287 | 0.0219 | 0.0196 | 0.0206 | 0.0163 | 0.0237 | 0.0217 | 0.0233 | 0.0220 |

| Country<br>(Market) | Market capitalization as percentage of GDP ratio, % |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007  | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Bulgaria            | 0.0386  | 0.0268 | 0.0155 | 0.0123 | 0.0158 | 0.0126 | 0.0108 | 0.0105 | 0.0094 | 0.0103 |
| Slovakia            | 0.0064  | 0.0089 | 0.0053 | 0.0039 | 0.0061 | 0.0046 | 0.0043 | 0.0046 | 0.0053 | 0.0054 |
| Romania             | 0.0142  | 0.0120 | 0.0073 | 0.0071 | 0.0083 | 0.0096 | 0.0187 | 0.0175 | 0.0199 | 0.0193 |
| Cyprus              | 0.0571  | 0.0474 | 0.0368 | 0.0225 | 0.0114 | 0.0074 | 0.0078 | 0.0156 | 0.0134 | 0.0127 |
| China               | 0.1005  | 0.0638 | 0.0649 | 0.0557 | 0.0496 | 0.0401 | 0.0365 | 0.0516 | 0.0719 | 0.0657 |
| Ukraine             | 0.0411  | 0.0664 | 0.0134 | 0.0241 | 0.0222 | 0.0121 | 0.0113 | 0.0099 | 0.0114 | 0.0157 |
| Japan               | 0.0765  | 0.1021 | 0.0587 | 0.0566 | 0.0594 | 0.0520 | 0.0783 | 0.0814 | 0.1085 | 0.1008 |
| Spain               | 0.0970  | 0.0957 | 0.0889 | 0.0690 | 0.0763 | 0.0691 | 0.0729 | 0.0651 | 0.0641 | 0.0575 |

### **C.5. Normalised values of exchange rate annual change (local currency per US dollar) (authors calculations according to Bloomberg data)**

| Country<br>(Market) | Exchange rate annual change (local currency per US dollar), % |        |        |        |        |        |        |        |        |        |
|---------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007  | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Switzerland         | 0.1068  | 0.1185 | 0.1188 | 0.1234 | 0.1449 | 0.1376 | 0.1391 | 0.1341 | 0.1341 | 0.1299 |
| Israel              | 0.0312  | 0.0358 | 0.0328 | 0.0345 | 0.0360 | 0.0335 | 0.0357 | 0.0332 | 0.0332 | 0.0333 |
| France              | 0.1754  | 0.1877 | 0.1794 | 0.1705 | 0.1802 | 0.1657 | 0.1712 | 0.1432 | 0.1432 | 0.1416 |
| Australia           | 0.1073  | 0.1072 | 0.1006 | 0.1181 | 0.1326 | 0.1334 | 0.1244 | 0.0969 | 0.0969 | 0.0951 |
| Greece              | 0.1754  | 0.1877 | 0.1794 | 0.1705 | 0.1802 | 0.1657 | 0.1712 | 0.1432 | 0.1432 | 0.1416 |
| Portugal            | 0.1754  | 0.1877 | 0.1794 | 0.1705 | 0.1802 | 0.1657 | 0.1712 | 0.1432 | 0.1432 | 0.1416 |
| Poland              | 0.0464  | 0.0533 | 0.0414 | 0.0427 | 0.0434 | 0.0396 | 0.0408 | 0.0342 | 0.0342 | 0.0325 |
| Russia              | 0.0050  | 0.0052 | 0.0041 | 0.0042 | 0.0044 | 0.0042 | 0.0040 | 0.0021 | 0.0021 | 0.0019 |
| Croatia             | 0.0239  | 0.0260 | 0.0244 | 0.0234 | 0.0240 | 0.0220 | 0.0226 | 0.0188 | 0.0188 | 0.0188 |
| Turkey              | 0.0986  | 0.0988 | 0.0834 | 0.0859 | 0.0769 | 0.0719 | 0.0677 | 0.0474 | 0.0474 | 0.0424 |
| Czech Republic      | 0.0063  | 0.0075 | 0.0068 | 0.0067 | 0.0073 | 0.0066 | 0.0066 | 0.0052 | 0.0052 | 0.0052 |
| Bulgaria            | 0.0897  | 0.0960 | 0.0917 | 0.0871 | 0.0914 | 0.0847 | 0.0874 | 0.0731 | 0.0731 | 0.0724 |
| Romania             | 0.0526  | 0.0510 | 0.0423 | 0.0405 | 0.0421 | 0.0372 | 0.0387 | 0.0322 | 0.0322 | 0.0314 |
| Cyprus              | 0.1761  | 0.1880 | 0.1792 | 0.1705 | 0.1787 | 0.1657 | 0.1712 | 0.1430 | 0.1430 | 0.1416 |
| China               | 0.0169  | 0.0185 | 0.0189 | 0.0190 | 0.0199 | 0.0204 | 0.0208 | 0.0207 | 0.0207 | 0.0193 |
| Ukraine             | 0.0262  | 0.0248 | 0.0162 | 0.0164 | 0.0163 | 0.0162 | 0.0160 | 0.0060 | 0.0060 | 0.0051 |
| Japan               | 0.0011  | 0.0012 | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0013 | 0.0011 | 0.0011 | 0.0012 |
| Spain               | 0.1754  | 0.1880 | 0.1792 | 0.1705 | 0.1787 | 0.1657 | 0.1712 | 0.1430 | 0.1430 | 0.1416 |

### C.6. Normalised values of CPI (authors calculations according to Bloomberg data)

| Country<br>(market) | Consumer price index |        |        |        |        |        |        |        |        |        |
|---------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                 | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.6887               | 0.8325 | 0.9443 | 0.8704 | 0.8781 | 0.8766 | 0.8772 | 0.8819 | 0.8778 | 0.8684 |
| Austria             | 0.6653               | 0.8072 | 0.9308 | 0.8704 | 0.8885 | 0.8898 | 0.8953 | 0.8988 | 0.8869 | 0.8754 |
| Germany             | 0.6557               | 0.8001 | 0.9243 | 0.8704 | 0.8988 | 0.9044 | 0.9144 | 0.9244 | 0.9183 | 0.9100 |
| Finland             | 0.6635               | 0.7984 | 0.9253 | 0.8704 | 0.8872 | 0.8858 | 0.8958 | 0.9043 | 0.9024 | 0.8953 |
| Ireland             | 0.6202               | 0.7464 | 0.9056 | 0.8704 | 0.8944 | 0.9028 | 0.9219 | 0.9385 | 0.9373 | 0.9332 |
| Norway              | 0.6838               | 0.8230 | 0.9362 | 0.8704 | 0.9057 | 0.9231 | 0.9276 | 0.9274 | 0.9039 | 0.8691 |
| South Korea         | 0.6975               | 0.8344 | 0.9411 | 0.8704 | 0.8820 | 0.8859 | 0.8978 | 0.9040 | 0.8939 | 0.8814 |
| Italy               | 0.6662               | 0.8070 | 0.9283 | 0.8704 | 0.8930 | 0.8896 | 0.9019 | 0.9178 | 0.9136 | 0.9107 |

| Country<br>(market) | Consumer price index |        |        |        |        |        |        |        |        |        |
|---------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                 | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Lithuania           | 0.7395               | 0.8349 | 0.9263 | 0.8704 | 0.8811 | 0.8773 | 0.8910 | 0.9079 | 0.9122 | 0.9001 |
| Netherlands         | 0.6616               | 0.8084 | 0.9259 | 0.8704 | 0.8965 | 0.8982 | 0.8992 | 0.9083 | 0.8991 | 0.8924 |
| Belgium             | 0.6723               | 0.8057 | 0.9343 | 0.8704 | 0.8862 | 0.8845 | 0.8978 | 0.9126 | 0.9038 | 0.8825 |
| Brazil              | 0.7333               | 0.8691 | 0.9603 | 0.8704 | 0.8604 | 0.8379 | 0.8097 | 0.7767 | 0.7094 | 0.6496 |
| United States       | 0.6625               | 0.7990 | 0.9292 | 0.8704 | 0.8894 | 0.8944 | 0.9047 | 0.9080 | 0.9032 | 0.8881 |
| Latvia              | 0.7443               | 0.8075 | 0.9045 | 0.8704 | 0.8788 | 0.8825 | 0.9057 | 0.9183 | 0.9126 | 0.9074 |
| Estonia             | 0.7153               | 0.8117 | 0.9415 | 0.8704 | 0.8740 | 0.8631 | 0.8618 | 0.8803 | 0.8806 | 0.8755 |
| Sweden              | 0.6559               | 0.7941 | 0.9248 | 0.8704 | 0.8911 | 0.9066 | 0.9309 | 0.9512 | 0.9477 | 0.9343 |
| Denmark             | 0.6751               | 0.8177 | 0.9353 | 0.8704 | 0.8929 | 0.8950 | 0.9113 | 0.9244 | 0.9164 | 0.9101 |
| Hong Kong           | 0.6762               | 0.8117 | 0.9348 | 0.8704 | 0.8717 | 0.8598 | 0.8456 | 0.8254 | 0.7983 | 0.7763 |
| Switzerland         | 0.6466               | 0.7906 | 0.9206 | 0.8704 | 0.9154 | 0.9461 | 0.9731 | 0.9927 | 1.0000 | 1.0000 |
| Israel              | 0.6991               | 0.8370 | 0.9389 | 0.8704 | 0.8868 | 0.8950 | 0.9047 | 0.9184 | 0.9204 | 0.9214 |
| France              | 0.6581               | 0.8016 | 0.9282 | 0.8704 | 0.8985 | 0.9045 | 0.9204 | 0.9340 | 0.9298 | 0.9240 |
| Australia           | 0.6884               | 0.8261 | 0.9403 | 0.8704 | 0.8882 | 0.8958 | 0.8974 | 0.8931 | 0.8752 | 0.8553 |
| Greece              | 0.6953               | 0.8360 | 0.9573 | 0.8704 | 0.8879 | 0.8979 | 0.9301 | 0.9613 | 0.9742 | 0.9780 |
| Portugal            | 0.6498               | 0.7932 | 0.9271 | 0.8704 | 0.8852 | 0.8840 | 0.9048 | 0.9255 | 0.9171 | 0.9076 |
| Poland              | 0.7010               | 0.8412 | 0.9390 | 0.8704 | 0.8800 | 0.8723 | 0.8860 | 0.9028 | 0.9080 | 0.9096 |
| Russia              | 0.8576               | 0.9412 | 0.9769 | 0.8704 | 0.8461 | 0.8266 | 0.7946 | 0.7516 | 0.6479 | 0.6026 |
| Croatia             | 0.6911               | 0.8160 | 0.9237 | 0.8704 | 0.8971 | 0.8904 | 0.8940 | 0.9139 | 0.9143 | 0.9205 |
| Turkey              | 0.8025               | 0.9100 | 0.9926 | 0.8704 | 0.8617 | 0.8123 | 0.7755 | 0.7267 | 0.6721 | 0.6209 |
| Czech Republic      | 0.6865               | 0.8083 | 0.9271 | 0.8704 | 0.9001 | 0.8944 | 0.9049 | 0.9199 | 0.9129 | 0.9031 |
| Bulgaria            | 0.7449               | 0.8304 | 0.9366 | 0.8704 | 0.8804 | 0.8777 | 0.8928 | 0.9238 | 0.9209 | 0.9243 |
| Romania             | 0.7610               | 0.8837 | 0.9700 | 0.8704 | 0.8673 | 0.8615 | 0.8503 | 0.8581 | 0.8596 | 0.8692 |
| Cyprus              | 0.6776               | 0.8107 | 0.9360 | 0.8704 | 0.8883 | 0.8905 | 0.9176 | 0.9488 | 0.9650 | 0.9748 |
| China               | 0.7859               | 0.9299 | 1.0853 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9817 | 0.9583 |
| Ukraine             | 1.0000               | 1.0000 | 1.0000 | 0.8704 | 0.8499 | 0.8675 | 0.8928 | 0.8117 | 0.5435 | 0.4751 |
| Japan               | 0.6254               | 0.7726 | 0.9077 | 0.8704 | 0.9200 | 0.9448 | 0.9662 | 0.9591 | 0.9476 | 0.9446 |
| Spain               | 0.6655               | 0.8008 | 0.9307 | 0.8704 | 0.8891 | 0.8908 | 0.9015 | 0.9209 | 0.9217 | 0.9196 |

**C.7. Normalised values of 10-year government benchmark yields (authors calculations according to Bloomberg data)**

| Country<br>(market) | 10-year government benchmark yields, % |        |        |        |        |        |        |        |        |        |
|---------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                                   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.3333                                 | 0.3203 | 0.3644 | 0.3177 | 0.3503 | 0.3385 | 0.2887 | 0.2023 | 0.1842 | 0.0534 |
| Austria             | 0.3884                                 | 0.3372 | 0.3376 | 0.2654 | 0.3313 | 0.2743 | 0.3433 | 0.3490 | 0.4667 | 0.1842 |
| Germany             | 0.3957                                 | 0.3693 | 0.4130 | 0.2251 | 0.4215 | 0.4333 | 0.4395 | 0.4483 | 0.7000 | 0.7778 |
| Finland             | 0.3893                                 | 0.3427 | 0.3556 | 0.2473 | 0.3654 | 0.3457 | 0.3710 | 0.3586 | 0.4861 | 0.1892 |
| Ireland             | 0.3857                                 | 0.3231 | 0.2543 | 0.4922 | 0.1148 | 0.1085 | 0.1802 | 0.2301 | 0.3153 | 0.1014 |
| Norway              | 0.3501                                 | 0.3296 | 0.3325 | 0.2901 | 0.3503 | 0.3095 | 0.2674 | 0.2063 | 0.2229 | 0.0526 |
| South Korea         | 0.3121                                 | 0.2639 | 0.2573 | 0.3919 | 0.2619 | 0.1884 | 0.2104 | 0.1630 | 0.1515 | 0.0400 |
| Italy               | 0.3719                                 | 0.3141 | 0.3086 | 0.3320 | 0.2030 | 0.1184 | 0.1597 | 0.1799 | 0.2047 | 0.0470 |
| Lithuania           | 0.3670                                 | 0.2620 | 0.0950 | 0.4577 | 0.2132 | 0.1346 | 0.1802 | 0.1864 | 0.2536 | 0.0778 |
| Netherlands         | 0.3893                                 | 0.3475 | 0.3604 | 0.2457 | 0.3679 | 0.3368 | 0.3520 | 0.3586 | 0.5072 | 0.2414 |
| Belgium             | 0.3857                                 | 0.3326 | 0.3410 | 0.2843 | 0.2600 | 0.1526 | 0.2863 | 0.3041 | 0.4167 | 0.1458 |
| Brazil              | 0.1275                                 | 0.1185 | 0.1106 | 1.0000 | 0.0937 | 0.0709 | 0.0520 | 0.0422 | 0.0215 | 0.0061 |
| United States       | 0.3607                                 | 0.4005 | 0.4080 | 0.2638 | 0.3943 | 0.3611 | 0.2936 | 0.2047 | 0.1636 | 0.0380 |
| Latvia              | 0.3163                                 | 0.2286 | 0.1076 | 0.8496 | 0.1861 | 0.1422 | 0.2066 | 0.2072 | 0.3646 | 0.1321 |
| Estonia             | 0.2982                                 | 0.1793 | 0.3500 | 0.2925 | 0.2582 | 0.1650 | 0.1988 | 0.1699 | 0.1228 | 0.0355 |
| Sweden              | 0.4005                                 | 0.3779 | 0.4092 | 0.2375 | 0.4215 | 0.4088 | 0.3255 | 0.3023 | 0.4861 | 0.1346 |
| Denmark             | 0.3893                                 | 0.3435 | 0.3705 | 0.2408 | 0.4029 | 0.4643 | 0.3943 | 0.3910 | 0.5072 | 0.2188 |
| Hong Kong           | 0.4824                                 | 0.7980 | 0.4369 | 0.2444 | 0.7194 | 0.6063 | 0.2937 | 0.2708 | 0.2197 | 0.0368 |
| Switzerland         | 0.5700                                 | 0.5069 | 0.6045 | 0.1339 | 0.7483 | 1.0000 | 0.7263 | 0.7536 | 5.0000 | 0.1944 |
| Israel              | 0.3009                                 | 0.2483 | 0.2628 | 0.3993 | 0.2209 | 0.1477 | 0.1816 | 0.1799 | 0.1691 | 0.0372 |
| France              | 0.3884                                 | 0.3475 | 0.3644 | 0.2564 | 0.3313 | 0.2559 | 0.3136 | 0.3114 | 0.4167 | 0.1489 |
| Australia           | 0.2788                                 | 0.2526 | 0.2639 | 0.4412 | 0.2254 | 0.1923 | 0.1865 | 0.1421 | 0.1292 | 0.0299 |
| Greece              | 0.3711                                 | 0.3063 | 0.2573 | 0.7469 | 0.0698 | 0.0289 | 0.0687 | 0.0750 | 0.0362 | 0.0084 |
| Portugal            | 0.3778                                 | 0.3252 | 0.3159 | 0.4437 | 0.1074 | 0.0616 | 0.1097 | 0.1387 | 0.1446 | 0.0221 |
| Poland              | 0.3047                                 | 0.2422 | 0.2173 | 0.4749 | 0.1846 | 0.1300 | 0.1712 | 0.1477 | 0.1296 | 0.0230 |
| Russia              | 0.2485                                 | 0.1955 | 0.1348 | 0.6434 | 0.1365 | 0.0798 | 0.0941 | 0.0615 | 0.0321 | 0.0067 |
| Croatia             | 0.3070                                 | 0.2062 | 0.2138 | 0.5316 | 0.1434 | 0.1432 | 0.1353 | 0.1477 | 0.0893 | 0.0237 |
| Turkey              | 0.0915                                 | 0.0767 | 0.1142 | 0.6927 | 0.1256 | 0.0625 | 0.0630 | 0.0655 | 0.0331 | 0.0062 |
| Czech Republic      | 0.3884                                 | 0.3175 | 0.2748 | 0.3188 | 0.2965 | 0.2338 | 0.3270 | 0.3291 | 0.6034 | 0.1628 |

| Country<br>(market) | 10-year government benchmark yields, % |        |        |        |        |        |        |        |        |        |
|---------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                                   | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Bulgaria            | 0.3911                                 | 0.2899 | 0.1863 | 0.5464 | 0.1978 | 0.1226 | 0.2012 | 0.1757 | 0.1440 | 0.0389 |
| Romania             | 0.2369                                 | 0.1754 | 0.1470 | 0.5826 | 0.1488 | 0.0977 | 0.1304 | 0.1413 | 0.0967 | 0.0188 |
| Cyprus              | 0.3630                                 | 0.3196 | 0.2891 | 0.3780 | 0.1571 | 0.0929 | 0.1150 | 0.0867 | 0.0904 | 0.0197 |
| China               | 0.3736                                 | 0.4455 | 0.3694 | 0.3208 | 0.3099 | 0.1818 | 0.1490 | 0.1425 | 0.1223 | 0.0228 |
| Ukraine             | 0.3911                                 | 0.2795 | 0.1959 | 0.5974 | 0.1119 | 0.0855 | 0.0772 | 0.0636 | 0.0366 | 0.0081 |
| Japan               | 1.0000                                 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.7738 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| Spain               | 0.3875                                 | 0.3372 | 0.3350 | 0.2706 | 0.2022 | 0.1111 | 0.1513 | 0.1912 | 0.2011 | 0.0504 |

**C.8. Normalised values of P/E ratio (authors calculations according to Bloomberg data)**

| Country<br>(market) | P/E ratio |        |        |        |        |        |        |        |        |        |
|---------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007      | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.0662    | 0.0153 | 0.3758 | 0.5456 | 0.5206 | 0.3253 | 0.1112 | 0.0599 | 0.1097 | 0.1343 |
| Austria             | 0.0122    | 0.0116 | 0.2884 | 0.3149 | 0.2476 | 0.2273 | 0.0542 | 0.0348 | 0.1484 | 0.5801 |
| Germany             | 0.0634    | 0.0190 | 0.3582 | 0.5941 | 0.4729 | 0.3329 | 0.1027 | 0.0808 | 0.1714 | 0.4742 |
| Finland             | 0.0557    | 0.0170 | 0.2171 | 0.4437 | 0.2773 | 0.1487 | 0.0712 | 0.0580 | 0.2006 | 0.5767 |
| Ireland             | 0.0876    | 0.0562 | 0.4354 | 0.2551 | 0.1188 | 0.1474 | 0.0349 | 0.0656 | 0.1793 | 0.5082 |
| Norway              | 0.0719    | 0.0152 | 0.0376 | 0.4474 | 0.4484 | 0.2947 | 0.0943 | 0.0707 | 0.0876 | 1.0000 |
| South Korea         | 0.0559    | 0.0233 | 0.4677 | 0.8956 | 0.4162 | 0.2820 | 0.1246 | 0.1130 | 0.2674 | 0.3998 |
| Italy               | 0.0642    | 0.0315 | 0.4468 | 0.5646 | 0.2114 | 0.1152 | 0.0280 | 0.0147 | 0.1692 | 0.3527 |
| Lithuania           | 0.0582    | 0.0035 | 0.1324 | 0.3300 | 0.5056 | 0.3839 | 0.0730 | 0.1338 | 0.3179 | 0.2081 |
| Netherlands         | 0.0930    | 0.0221 | 0.1726 | 0.6120 | 0.3977 | 0.2998 | 0.0783 | 0.0605 | 0.1403 | 0.5177 |
| Belgium             | 0.0728    | 0.0315 | 0.3988 | 0.5718 | 0.0942 | 0.3203 | 0.0383 | 0.0685 | 0.1341 | 0.6350 |
| Brazil              | 0.0637    | 0.0341 | 0.4904 | 0.6125 | 0.4692 | 0.0984 | 0.0653 | 0.0664 | 0.0481 | 4.7887 |
| United States       | 0.0302    | 0.0224 | 0.3105 | 0.3925 | 0.3549 | 0.3445 | 0.0874 | 0.0611 | 0.1636 | 0.5826 |
| Latvia              | 0.1174    | 0.0711 | 0.7331 | 0.2806 | 0.2985 | 0.2261 | 0.0271 | 0.0129 | 0.2294 | 0.9152 |
| Estonia             | 0.0751    | 0.0367 | 0.5163 | 0.4238 | 0.7212 | 0.4744 | 0.1463 | 0.1149 | 0.2950 | 0.3951 |
| Sweden              | 0.0735    | 0.0371 | 0.3842 | 0.5154 | 0.3866 | 0.4156 | 0.1109 | 0.0850 | 0.2084 | 0.4510 |
| Denmark             | 0.0404    | 0.0141 | 0.2632 | 0.4225 | 0.2254 | 0.2990 | 0.0950 | 0.0579 | 0.1242 | 0.4054 |
| Hong Kong           | 0.0519    | 0.0292 | 0.4841 | 0.5757 | 0.5742 | 0.5169 | 0.1714 | 0.1360 | 0.3535 | 0.3012 |
| Switzerland         | 0.0475    | 0.0024 | 0.4181 | 0.5233 | 0.3355 | 0.3281 | 0.1026 | 0.0714 | 0.1448 | 0.5893 |

| Country<br>(market) | P/E ratio |        |        |        |        |        |        |        |        |        |
|---------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007      | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Israel              | 0.1149    | 0.0753 | 1.0000 | 1.0000 | 0.8149 | 1.0000 | 0.1084 | 0.1508 | 0.1463 | 0.5148 |
| France              | 0.0601    | 0.0281 | 0.3596 | 0.6232 | 0.4724 | 0.6164 | 0.0761 | 0.0618 | 0.1583 | 0.4615 |
| Australia           | 0.0549    | 0.0183 | 0.1363 | 0.4443 | 0.3867 | 0.3005 | 0.0942 | 0.0650 | 0.1655 | 0.4816 |
| Greece              | 0.1381    | 0.0408 | 0.6124 | 0.0961 | 0.1281 | 0.1062 | 1.0000 | 1.0000 | 1.0000 | 0.1810 |
| Portugal            | 0.0508    | 0.0270 | 0.4910 | 0.6633 | 0.1209 | 0.1553 | 0.0382 | 0.0188 | 0.1170 | 0.5575 |
| Poland              | 0.0660    | 0.0251 | 0.4804 | 0.5820 | 0.1262 | 0.5325 | 0.1283 | 0.0553 | 0.1029 | 0.4346 |
| Russia              | 0.0742    | 0.0772 | 0.6804 | 0.9131 | 1.0000 | 0.9809 | 0.2760 | 0.1696 | 0.5393 | 0.1977 |
| Croatia             | 0.0353    | 0.0550 | 0.4021 | 0.4369 | 0.5806 | 0.0718 | 0.0281 | 0.0414 | 0.2864 | 0.3717 |
| Turkey              | 0.0803    | 0.0507 | 0.6815 | 0.6603 | 0.5297 | 0.4930 | 0.1887 | 0.1147 | 0.3913 | 0.2287 |
| Czech Republic      | 0.0551    | 0.0283 | 0.4594 | 0.5724 | 0.0911 | 0.3504 | 0.1021 | 0.0660 | 0.1623 | 0.3107 |
| Bulgaria            | 0.0374    | 0.0624 | 0.7810 | 0.6379 | 0.9590 | 0.9293 | 0.2718 | 0.0793 | 0.2390 | 0.2610 |
| Romania             | 0.0408    | 0.1349 | 0.0575 | 0.7598 | 0.8065 | 0.4493 | 0.1698 | 0.1177 | 0.2132 | 0.2961 |
| Cyprus              | 1.0000    | 1.0000 | 0.9759 | 1.3317 | 0.6982 | 0.6640 | 0.4305 | 0.1946 | 0.5087 | 1.0000 |
| China               | 0.0226    | 0.0225 | 0.3070 | 0.4318 | 0.4480 | 0.4536 | 0.1751 | 0.0868 | 0.2396 | 0.3416 |
| Ukraine             | 0.0245    | 0.0179 | 0.2889 | 0.2049 | 0.5621 | 0.3925 | 0.1512 | 0.0878 | 0.2573 | 0.5300 |
| Japan               | 0.0493    | 0.0138 | 0.3152 | 0.4012 | 0.2365 | 0.2780 | 0.0852 | 0.0677 | 0.1782 | 0.2268 |
| Spain               | 0.0745    | 0.0458 | 0.6726 | 0.9782 | 0.4872 | 0.2728 | 0.1079 | 0.0714 | 0.1886 | 0.2926 |

### C.9. Normalised values of investment funds market size (authors calculations according to Bloomberg data)

| Country<br>(market) | Investmnet funds market size |        |        |        |        |        |        |        |        |        |
|---------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                         | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| United Kingdom      | 0.2352                       | 0.2527 | 0.2604 | 0.2537 | 0.2042 | 0.2133 | 0.2116 | 0.2304 | 0.2409 | 0.2219 |
| Austria             | 0.1224                       | 0.1135 | 0.1167 | 0.1170 | 0.1521 | 0.1551 | 0.1617 | 0.1445 | 0.1339 | 0.1247 |
| Germany             | 0.1672                       | 0.1785 | 0.2375 | 0.2424 | 0.1734 | 0.1761 | 0.1766 | 0.1809 | 0.4702 | 0.4497 |
| Finland             | 0.0433                       | 0.0415 | 0.0433 | 0.0421 | 0.0311 | 0.0434 | 0.0432 | 0.0340 | 0.0311 | 0.0295 |
| Ireland             | 0.3314                       | 0.3300 | 0.3127 | 0.3337 | 0.4167 | 0.4537 | 0.4915 | 0.5174 | 0.5203 | 0.5124 |
| Norway              | 0.0584                       | 0.0565 | 0.0560 | 0.0584 | 0.0429 | 0.0347 | 0.0503 | 0.0549 | 0.0587 | 0.0570 |
| South Korea         | 0.9844                       | 1.0000 | 1.0000 | 1.0000 | 0.7662 | 0.7801 | 0.8669 | 0.9966 | 1.0000 | 1.0000 |
| Italy               | 0.1057                       | 0.0791 | 0.0776 | 0.0748 | 0.0557 | 0.0636 | 0.0688 | 0.0609 | 0.0598 | 0.0602 |
| Lithuania           | 0.0031                       | 0.0032 | 0.0040 | 0.0044 | 0.0028 | 0.0024 | 0.0020 | 0.0016 | 0.0011 | 0.0006 |
| Netherlands         | 0.0515                       | 0.0488 | 0.0542 | 0.0553 | 0.0418 | 0.0425 | 0.0440 | 0.0498 | 0.0852 | 0.0803 |

| Country<br>(market) | Investment funds market size |        |        |        |        |        |        |        |        |        |
|---------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                     | 2007                         | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
| Belgium             | 0.1893                       | 0.1948 | 0.2120 | 0.2069 | 0.1456 | 0.1308 | 0.1257 | 0.1072 | 0.0925 | 0.0719 |
| Brazil              | 0.3866                       | 0.4443 | 0.5451 | 0.6467 | 0.5505 | 0.6387 | 0.7086 | 0.7593 | 0.7370 | 0.7306 |
| United States       | 1.0000                       | 0.9462 | 0.9894 | 0.9825 | 0.7331 | 0.7479 | 0.7876 | 0.8213 | 0.7985 | 0.7533 |
| Latvia              | 0.0051                       | 0.0050 | 0.0059 | 0.0054 | 0.0036 | 0.0033 | 0.0035 | 0.0034 | 0.0028 | 0.0022 |
| Estonia             | 0.0029                       | 0.0029 | 0.0028 | 0.0035 | 0.0030 | 0.0027 | 0.0024 | 0.0020 | 0.0014 | 0.0010 |
| Sweden              | 0.0545                       | 0.0541 | 0.0581 | 0.0580 | 0.0429 | 0.0406 | 0.0433 | 0.0463 | 0.0395 | 0.0393 |
| Denmark             | 0.0572                       | 0.0521 | 0.0555 | 0.0564 | 0.0423 | 0.0423 | 0.0448 | 0.0467 | 0.0446 | 0.0442 |
| Hong Kong           | 0.1329                       | 0.1241 | 0.1289 | 0.1255 | 0.0894 | 0.0878 | 0.0873 | 0.0853 | 0.0780 | 0.0713 |
| Switzerland         | 0.0648                       | 0.0610 | 0.0585 | 0.0752 | 0.0561 | 0.0590 | 0.0698 | 0.0748 | 0.0722 | 0.0680 |
| Israel              | 0.1091                       | 0.1071 | 0.1213 | 0.1274 | 0.0979 | 0.1034 | 0.1106 | 0.1163 | 0.1108 | 0.1082 |
| France              | 0.9426                       | 0.8846 | 0.9172 | 0.8969 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 0.9332 | 0.8674 |
| Australia           | 0.7923                       | 0.7413 | 0.8024 | 0.8070 | 0.5948 | 0.6042 | 0.6225 | 0.6314 | 0.5995 | 0.5686 |
| Greece              | 0.0263                       | 0.0255 | 0.0241 | 0.0245 | 0.0166 | 0.0151 | 0.0146 | 0.0127 | 0.0117 | 0.0107 |
| Portugal            | 0.0206                       | 0.0196 | 0.0196 | 0.0197 | 0.0146 | 0.0243 | 0.0213 | 0.0163 | 0.0335 | 0.0295 |
| Poland              | 0.0215                       | 0.0224 | 0.0239 | 0.0246 | 0.0191 | 0.0277 | 0.0291 | 0.0353 | 0.0328 | 0.0335 |
| Russia              | 0.0609                       | 0.0563 | 0.0552 | 0.0532 | 0.0399 | 0.0393 | 0.0393 | 0.0387 | 0.0356 | 0.0300 |
| Croatia             | 0.0214                       | 0.0183 | 0.0180 | 0.0163 | 0.0107 | 0.0096 | 0.0085 | 0.0073 | 0.0056 | 0.0041 |
| Turkey              | 0.0336                       | 0.0324 | 0.0329 | 0.0358 | 0.0285 | 0.0300 | 0.0327 | 0.0358 | 0.0325 | 0.0314 |
| Czech Republic      | 0.0075                       | 0.0081 | 0.0090 | 0.0092 | 0.0068 | 0.0071 | 0.0077 | 0.0096 | 0.0107 | 0.0102 |
| Bulgaria            | 0.0094                       | 0.0086 | 0.0098 | 0.0104 | 0.0078 | 0.0081 | 0.0086 | 0.0092 | 0.0087 | 0.0087 |
| Romania             | 0.0047                       | 0.0055 | 0.0059 | 0.0064 | 0.0089 | 0.0053 | 0.0056 | 0.0064 | 0.0062 | 0.0059 |
| Cyprus              | 0.0027                       | 0.0033 | 0.0037 | 0.0031 | 0.0019 | 0.0015 | 0.0018 | 0.0015 | 0.0010 | 0.0008 |
| China               | 0.0390                       | 0.0457 | 0.0629 | 0.0760 | 0.0702 | 0.0911 | 0.1242 | 0.1564 | 0.2146 | 0.2823 |
| Ukraine             | 0.0073                       | 0.0055 | 0.0054 | 0.0056 | 0.0033 | 0.0031 | 0.0025 | 0.0015 | 0.0010 | 0.0008 |
| Japan               | 0.3427                       | 0.3552 | 0.4201 | 0.4495 | 0.3547 | 0.3750 | 0.6863 | 0.7772 | 0.8226 | 0.8624 |
| Spain               | 0.3362                       | 0.3137 | 0.2974 | 0.2862 | 0.2091 | 0.2089 | 0.2084 | 0.1983 | 0.1878 | 0.1855 |