20

0.8107

0.8736

0.9512

0.9408

1.0000

2015

2019

2018

2017

2016

2015

0.8675

0.9231

0.9536

1.0000

0.9408

2016

Correlation:  $r_{s}$ 

0.9585 | 1.0000 | 0.9542 |

0.9585

0.8730

0.8675

2019

0.9090

0.8394

0.8376

2020

0.8107 | 0.7833 |

1.0000

0.9286

0.9231

0.8736

2018

| 15-2022 | 0.8059 | 0.8608 | 0.8529 | 0.9164 | 0.9567 | 0.9908 | 0.9963 |
|---------|--------|--------|--------|--------|--------|--------|--------|
| 2022    | 0.8059 | 0.8608 | 0.8529 | 0.9164 | 0.9567 | 0.9908 | 0.9963 |
| 2021    | 0.8065 | 0.8669 | 0.8565 | 0.9158 | 0.9542 | 0.9817 | 1.0000 |
| 2020    | 0.7833 | 0.8376 | 0.8394 | 0.9090 | 0.9542 | 1.0000 | 0.9817 |
|         |        |        |        |        |        |        |        |

0.8730

0.9286

1.0000

0.9536

0.9512

2017

1.0000 | 1.0000

1.0000

0.9963

0.9908

0.8529

0.8608

2022 2015-2022

1.0000

0.9963

0.9908

0.9567

0.9164

0.8529

0.8608

0.8065 | 0.8059 | 0.8059

0.9542

0.9158

0.8565

0.8669

2021

-0.925-0.900-0.875-0.850- 0.825 - 0.800

1.000

-0.975

- 0.950