APPENDIX C DATA RELATED TO EFFECTIVE SAMPLE SIZE

Table C.1: The first order autocorrelation coefficients of indices.

| Index | The 1 st order autocorrelation coefficient (r_1) |
|--------|---|
| PC1pri | -0.013 |
| PC1sec | -0.033 |
| EAWMI | 0.001 |
| EAWM-M | -0.157 |
| EAWM-L | -0.230 |
| VI | -0.072 |
| UMI | -0.159 |
| MI1 | -0.149 |
| MI2 | -0.114 |
| U300 | 0.126 |

Table C.2: Effective sample sizes for correlation coefficients between PC1s and EAWM indices with consideration of the 1st order autocorrelation.

| Index | Effective sample sizes for PC1pri | Effective sample sizes for PC1sec |
|--------|-----------------------------------|-----------------------------------|
| EAWMI | 32 | 32 |
| EAWM-M | 32 | 32 |
| EAWM-L | 32 | 32 |
| VI | 32 | 32 |
| UMI | 32 | 32 |
| MI1 | 32 | 32 |
| MI2 | 32 | 32 |
| U300 | 32 | 32 |