

UD-jma-9.15m. acc  
 【習志野市新庁舎】上下動「位相=JMAKobe-UD」GL-9.15m  
 nd=12000 dt=0.010 Acc. Max= 160.54 (8F10.2)

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00  | -0.04 | -0.19 | -0.57 | -1.16 | -1.64 | -1.57 | -0.90 |
| -0.13 | 0.11  | -0.13 | -0.15 | 0.63  | 1.83  | 2.46  | 1.99  |
| 1.03  | 0.59  | 0.95  | 1.45  | 1.51  | 1.38  | 1.82  | 2.86  |
| 3.50  | 2.62  | 0.13  | -2.81 | -4.73 | -4.87 | -3.46 | -1.37 |
| 0.45  | 1.33  | 1.16  | 0.28  | -0.72 | -1.25 | -0.98 | 0.06  |
| 1.31  | 1.88  | 1.16  | -0.62 | -2.44 | -3.27 | -2.89 | -1.88 |
| -0.90 | -0.04 | 1.07  | 2.65  | 4.29  | 5.21  | 4.85  | 3.43  |
| 1.88  | 1.23  | 1.96  | 3.60  | 5.04  | 5.32  | 4.19  | 2.21  |
| 0.22  | -1.02 | -1.12 | 0.02  | 2.12  | 4.49  | 6.18  | 6.42  |
| 5.15  | 3.17  | 1.64  | 1.33  | 2.10  | 3.09  | 3.52  | 3.33  |
| 3.08  | 3.21  | 3.49  | 3.42  | 2.83  | 2.16  | 1.78  | 1.53  |
| 0.99  | 0.10  | -0.69 | -1.02 | -0.99 | -0.91 | -0.85 | -0.57 |
| 0.04  | 0.82  | 1.60  | 2.35  | 2.91  | 2.74  | 1.28  | -1.28 |
| -3.88 | -5.23 | -4.78 | -3.08 | -1.29 | -0.56 | -1.25 | -2.74 |
| -3.70 | -2.99 | -0.64 | 2.01  | 3.20  | 2.10  | -0.51 | -2.86 |
| -3.51 | -2.40 | -0.86 | -0.50 | -1.85 | -3.97 | -5.26 | -4.90 |
| -3.34 | -1.59 | -0.33 | 0.18  | -0.26 | -1.69 | -3.48 | -4.35 |
| -3.52 | -1.71 | -0.66 | -1.25 | -2.64 | -3.34 | -3.06 | -2.87 |
| -3.58 | -4.50 | -4.21 | -2.37 | -0.19 | 0.73  | -0.09 | -1.83 |
| -3.25 | -3.51 | -2.53 | -1.00 | 0.09  | 0.23  | 0.04  | 0.64  |
| 2.16  | 3.11  | 1.76  | -1.83 | -5.48 | -6.75 | -5.04 | -1.84 |
| 0.73  | 1.36  | -0.07 | -2.66 | -4.85 | -5.03 | -2.81 | 0.36  |
| 2.20  | 1.69  | 0.06  | -0.73 | -0.09 | 0.78  | 0.50  | -0.94 |
| -2.39 | -2.85 | -2.11 | -0.46 | 1.54  | 2.90  | 2.49  | 0.19  |
| -2.36 | -2.94 | -0.91 | 1.92  | 3.05  | 1.74  | -0.50 | -1.80 |
| -1.84 | -1.68 | -2.13 | -2.82 | -2.94 | -2.42 | -1.94 | -2.00 |
| -2.46 | -2.95 | -3.37 | -3.58 | -3.14 | -1.74 | 0.02  | 0.87  |
| 0.15  | -1.29 | -1.87 | -0.97 | 0.61  | 1.59  | 1.38  | 0.33  |
| -0.86 | -1.52 | -1.30 | -0.49 | -0.09 | -1.10 | -3.23 | -4.81 |
| -4.29 | -1.92 | 0.47  | 1.43  | 1.14  | 0.65  | 0.45  | 0.14  |
| -0.47 | -0.92 | -0.91 | -1.06 | -2.12 | -3.58 | -3.88 | -2.27 |
| -0.02 | 0.80  | -0.36 | -1.91 | -1.95 | -0.31 | 1.66  | 2.81  |
| 3.28  | 3.72  | 4.22  | 4.32  | 3.73  | 2.75  | 1.73  | 0.92  |
| 0.68  | 1.53  | 3.35  | 4.85  | 4.49  | 2.36  | 0.51  | 1.06  |
| 3.79  | 6.24  | 6.20  | 3.98  | 1.86  | 1.55  | 2.64  | 3.40  |
| 2.83  | 1.54  | 0.86  | 1.48  | 2.96  | 4.29  | 4.59  | 3.49  |
| 1.17  | -1.75 | -4.22 | -5.09 | -3.65 | -0.43 | 2.70  | 3.49  |
| 1.08  | -3.03 | -5.86 | -5.41 | -2.33 | 0.85  | 2.10  | 1.58  |
| 0.83  | 0.61  | 0.07  | -1.95 | -5.02 | -7.05 | -6.24 | -2.82 |
| 1.09  | 3.30  | 3.13  | 1.44  | -0.22 | -0.63 | 0.40  | 1.89  |
| 2.35  | 1.10  | -0.89 | -1.75 | -0.66 | 1.21  | 1.82  | 0.31  |
| -2.28 | -4.22 | -4.72 | -4.24 | -3.61 | -3.16 | -2.84 | -2.70 |
| -2.83 | -3.11 | -3.12 | -2.70 | -2.25 | -2.29 | -2.75 | -2.88 |
| -2.07 | -0.59 | 0.63  | 0.83  | 0.11  | -0.77 | -1.07 | -0.64 |
| -0.13 | -0.43 | -1.79 | -3.20 | -2.94 | -0.12 | 4.04  | 6.83  |
| 6.36  | 3.38  | 0.73  | 0.84  | 3.49  | 6.11  | 6.06  | 2.84  |
| -1.55 | -4.21 | -3.49 | -0.04 | 3.73  | 5.45  | 4.53  | 2.35  |
| 0.91  | 1.01  | 1.89  | 2.46  | 2.60  | 3.02  | 3.95  | 4.59  |
| 3.97  | 2.18  | 0.31  | -0.63 | -0.56 | 0.16  | 1.34  | 2.85  |
| 4.06  | 4.07  | 2.68  | 0.78  | -0.52 | -0.95 | -1.06 | -1.26 |
| -1.33 | -0.97 | -0.24 | 0.67  | 1.76  | 2.79  | 2.80  | 0.94  |
| -2.02 | -3.62 | -2.10 | 1.38  | 3.57  | 2.43  | -0.71 | -2.78 |
| -2.20 | -0.06 | 1.75  | 2.60  | 3.24  | 4.21  | 5.07  | 5.14  |
| 4.48  | 3.74  | 3.35  | 3.07  | 2.39  | 1.05  | -0.79 | -2.62 |
| -3.67 | -3.25 | -1.34 | 1.05  | 2.47  | 2.22  | 1.07  | 0.45  |
| 1.06  | 2.18  | 2.57  | 1.70  | 0.07  | -1.55 | -2.83 | -3.61 |
| -3.45 | -1.99 | 0.21  | 1.63  | 1.17  | -0.53 | -1.62 | -1.03 |
| 0.49  | 1.36  | 0.87  | -0.36 | -1.42 | -1.85 | -1.53 | -0.50 |
| 0.66  | 0.80  | -0.69 | -2.79 | -3.58 | -2.36 | -0.44 | 0.53  |
| 0.55  | 0.84  | 1.72  | 1.90  | 0.44  | -1.57 | -2.00 | -0.28 |
| 1.94  | 2.88  | 2.57  | 2.20  | 2.25  | 2.16  | 1.73  | 1.72  |
| 2.49  | 3.03  | 2.03  | -0.19 | -1.80 | -1.65 | -0.60 | -0.17 |
| -0.62 | -0.95 | -0.59 | -0.09 | -0.03 | 0.01  | 0.61  | 1.20  |
| 0.42  | -2.09 | -4.93 | -6.26 | -5.61 | -3.97 | -2.68 | -2.49 |
| -3.49 | -5.13 | -6.23 | -5.45 | -2.71 | 0.38  | 1.78  | 1.05  |
| -0.48 | -1.37 | -1.59 | -1.96 | -2.56 | -2.53 | -1.46 | -0.26 |
| -0.19 | -1.23 | -2.02 | -1.42 | 0.19  | 1.37  | 1.30  | 0.59  |
| 0.42  | 1.12  | 1.79  | 1.42  | 0.11  | -1.10 | -1.43 | -1.26 |
| -1.50 | -2.35 | -2.93 | -2.34 | -0.80 | 0.63  | 1.10  | 0.64  |
| -0.18 | -0.97 | -1.64 | -2.06 | -2.04 | -1.64 | -1.19 | -0.91 |
| -0.66 | -0.08 | 0.87  | 1.69  | 1.75  | 0.86  | -0.45 | -1.24 |
| -0.92 | 0.13  | 0.78  | 0.14  | -1.48 | -2.68 | -2.26 | -0.36 |
| 1.61  | 2.37  | 1.79  | 0.76  | 0.17  | 0.32  | 0.96  | 1.67  |

| UD-jma-9.15m. acc |        |        |        |       |       |        |        |
|-------------------|--------|--------|--------|-------|-------|--------|--------|
| 1.95              | 1.27   | -0.63  | -3.33  | -5.84 | -7.13 | -6.67  | -4.81  |
| -2.76             | -2.08  | -3.54  | -6.14  | -7.54 | -6.17 | -2.88  | -0.30  |
| -0.26             | -2.16  | -4.09  | -5.03  | -5.37 | -5.60 | -5.16  | -3.30  |
| -0.61             | 1.09   | 0.58   | -1.30  | -2.37 | -1.23 | 1.46   | 3.49   |
| 3.01              | 0.02   | -3.61  | -5.63  | -5.09 | -2.97 | -1.02  | -0.21  |
| -0.15             | -0.13  | -0.10  | -0.51  | -1.33 | -1.73 | -1.06  | 0.17   |
| 0.58              | -0.70  | -2.97  | -4.49  | -3.92 | -1.44 | 1.41   | 2.93   |
| 2.50              | 1.05   | 0.23   | 0.94   | 2.58  | 3.67  | 3.23   | 1.56   |
| -0.33             | -1.69  | -2.31  | -2.07  | -0.70 | 1.63  | 3.81   | 4.31   |
| 2.52              | -0.32  | -1.93  | -0.85  | 2.13  | 4.52  | 4.17   | 1.02   |
| -2.94             | -5.37  | -5.34  | -3.75  | -2.28 | -1.96 | -2.45  | -2.44  |
| -0.92             | 1.82   | 4.24   | 4.86   | 3.57  | 1.66  | 0.48   | 0.19   |
| 0.05              | -0.45  | -0.90  | -0.64  | 0.31  | 1.30  | 1.92   | 2.52   |
| 3.56              | 4.81   | 5.39   | 4.69   | 3.05  | 1.39  | 0.21   | -0.66  |
| -1.56             | -2.25  | -2.00  | -0.61  | 0.97  | 1.24  | -0.28  | -2.14  |
| -2.15             | 0.36   | 3.54   | 4.51   | 2.10  | -2.00 | -4.77  | -4.39  |
| -1.39             | 2.20   | 4.32   | 3.96   | 1.54  | -1.11 | -1.69  | 0.80   |
| 4.75              | 6.86   | 4.96   | 0.17   | -3.96 | -4.64 | -2.10  | 1.02   |
| 2.30              | 1.38   | -0.32  | -1.18  | -0.60 | 0.84  | 2.05   | 2.41   |
| 2.36              | 2.99   | 4.92   | 7.34   | 8.56  | 7.67  | 5.47   | 3.74   |
| 3.64              | 4.87   | 6.34   | 7.22   | 7.21  | 6.47  | 5.59   | 5.53   |
| 6.88              | 8.82   | 9.29   | 6.94   | 3.00  | 0.72  | 2.43   | 7.01   |
| 10.56             | 9.90   | 5.32   | 0.21   | -2.03 | -0.76 | 1.80   | 2.80   |
| 1.03              | -2.37  | -5.06  | -5.12  | -2.38 | 1.49  | 4.05   | 3.89   |
| 1.79              | 0.05   | 0.36   | 2.11   | 3.05  | 1.63  | -1.42  | -3.79  |
| -3.77             | -1.66  | 0.67   | 1.33   | -0.15 | -2.45 | -3.39  | -1.73  |
| 1.61              | 4.21   | 4.41   | 2.96   | 1.99  | 2.72  | 4.25   | 4.88   |
| 3.82              | 1.64   | -0.78  | -2.80  | -3.77 | -3.05 | -0.83  | 1.36   |
| 1.86              | 0.66   | -0.36  | 0.52   | 2.77  | 3.99  | 2.51   | -0.73  |
| -2.94             | -2.19  | 0.88   | 3.68   | 3.96  | 1.61  | -1.43  | -2.77  |
| -1.47             | 1.17   | 2.74   | 1.78   | -0.92 | -3.08 | -3.03  | -1.24  |
| 0.31              | -0.04  | -2.02  | -3.69  | -3.03 | 0.22  | 4.22   | 6.50   |
| 6.08              | 4.12   | 2.57   | 2.20   | 2.18  | 1.44  | -0.08  | -1.59  |
| -2.34             | -2.04  | -0.46  | 2.39   | 5.54  | 7.21  | 6.32   | 3.87   |
| 2.29              | 2.98   | 4.91   | 5.62   | 3.81  | 0.60  | -1.51  | -0.85  |
| 1.84              | 3.91   | 2.92   | -1.12  | -5.27 | -5.94 | -2.13  | 3.56   |
| 7.29              | 7.41   | 5.46   | 4.08   | 4.30  | 4.93  | 4.27   | 1.87   |
| -1.18             | -3.20  | -3.21  | -1.61  | 0.11  | 0.61  | -0.23  | -1.30  |
| -1.61             | -1.20  | -0.81  | -0.75  | -0.76 | -0.80 | -1.25  | -2.00  |
| -1.90             | 0.00   | 2.57   | 2.96   | -0.46 | -5.63 | -8.30  | -6.04  |
| -0.81             | 2.91   | 2.31   | -1.24  | -3.70 | -2.06 | 2.98   | 7.57   |
| 8.08              | 4.35   | -0.01  | -0.90  | 2.36  | 6.44  | 7.42   | 4.62   |
| 0.82              | -1.02  | -0.60  | 0.34   | 0.64  | 0.72  | 1.15   | 1.37   |
| 0.57              | -0.72  | -0.80  | 1.15   | 3.81  | 5.11  | 4.42   | 3.10   |
| 2.61              | 2.84   | 2.41   | 0.46   | -2.09 | -3.23 | -1.75  | 1.32   |
| 3.20              | 1.67   | -2.61  | -6.19  | -5.68 | -0.90 | 4.71   | 7.13   |
| 5.09              | 0.74   | -2.64  | -3.24  | -1.55 | 0.62  | 1.48   | 0.23   |
| -2.61             | -5.26  | -5.91  | -4.16  | -1.60 | -0.55 | -1.94  | -4.42  |
| -5.81             | -5.21  | -3.84  | -3.62  | -5.14 | -7.11 | -7.78  | -6.79  |
| -5.29             | -4.41  | -4.14  | -3.84  | -3.54 | -4.05 | -5.75  | -7.83  |
| -9.22             | -9.84  | -10.30 | -10.49 | -9.44 | -6.90 | -4.58  | -4.71  |
| -7.40             | -10.06 | -9.85  | -6.46  | -2.16 | 0.38  | 0.00   | -2.68  |
| -5.99             | -8.06  | -7.87  | -6.22  | -5.46 | -7.21 | -10.27 | -11.18 |
| -7.72             | -1.50  | 3.27   | 3.88   | 1.43  | -0.75 | -0.79  | 0.33   |
| 0.52              | -0.95  | -3.09  | -4.73  | -5.77 | -6.71 | -7.66  | -7.99  |
| -7.07             | -4.98  | -2.58  | -0.90  | -0.59 | -1.56 | -3.10  | -4.35  |
| -4.85             | -4.73  | -4.30  | -3.67  | -2.80 | -1.78 | -0.93  | -0.32  |
| 0.51              | 1.94   | 3.41   | 3.42   | 1.04  | -2.52 | -4.32  | -2.23  |
| 2.68              | 6.59   | 6.42   | 2.83   | -0.31 | 0.23  | 4.12   | 8.18   |
| 9.74              | 8.76   | 6.95   | 5.59   | 4.73  | 4.19  | 4.19   | 4.87   |
| 5.63              | 5.59   | 4.60   | 3.36   | 2.58  | 2.39  | 2.60   | 3.09   |
| 3.78              | 4.32   | 4.21   | 3.27   | 1.80  | 0.37  | -0.47  | -0.37  |
| 0.51              | 1.22   | 0.49   | -2.13  | -5.33 | -6.84 | -5.41  | -2.23  |
| -0.14             | -1.15  | -4.62  | -7.95  | -8.82 | -6.96 | -3.92  | -1.53  |
| -0.71             | -1.28  | -2.34  | -2.76  | -1.73 | 0.55  | 2.82   | 3.69   |
| 2.87              | 1.44   | 0.72   | 1.05   | 1.70  | 1.77  | 0.99   | -0.12  |
| -0.62             | 0.30   | 2.67   | 5.40   | 6.82  | 6.10  | 4.24   | 3.27   |
| 4.20              | 5.88   | 6.28   | 4.73   | 2.64  | 1.78  | 2.26   | 2.65   |
| 1.83              | 0.30   | -0.58  | -0.27  | 0.63  | 1.44  | 2.30   | 3.67   |
| 5.28              | 6.06   | 5.23   | 3.26   | 1.35  | 0.31  | -0.06  | -0.30  |
| -0.64             | -0.97  | -1.26  | -1.68  | -2.19 | -2.32 | -1.59  | -0.01  |
| 1.83              | 3.15   | 3.25   | 1.76   | -1.10 | -4.31 | -6.53  | -6.93  |
| -5.89             | -4.51  | -3.70  | -3.61  | -3.95 | -4.40 | -4.78  | -4.92  |
| -4.76             | -4.52  | -4.61  | -5.22  | -6.02 | -6.31 | -5.42  | -3.14  |
| -0.03             | 2.63   | 3.43   | 1.80   | -1.26 | -3.78 | -4.28  | -3.01  |

|       |        |        |        |                  |       |       |       |       |
|-------|--------|--------|--------|------------------|-------|-------|-------|-------|
| -1.65 | -1.78  | -3.50  | -5.55  | UD-jma-9.15m.acc | -6.50 | -5.96 | -4.51 | -3.01 |
| -1.96 | -1.57  | -1.86  | -2.63  | -3.19            | -2.80 | -1.42 | -0.09 |       |
| -0.19 | -2.28  | -5.50  | -8.07  | -8.39            | -6.19 | -2.83 | -0.49 |       |
| -0.41 | -1.65  | -1.85  | 0.33   | 3.62             | 5.45  | 4.68  | 2.60  |       |
| 1.05  | 0.20   | -1.03  | -2.74  | -3.39            | -1.73 | 1.18  | 2.86  |       |
| 2.09  | 0.15   | -0.76  | 0.15   | 1.93             | 3.32  | 3.93  | 4.01  |       |
| 3.86  | 3.71   | 3.79   | 4.19   | 4.49             | 4.12  | 2.98  | 1.79  |       |
| 1.52  | 2.63   | 4.69   | 6.65   | 7.45             | 6.68  | 4.81  | 2.89  |       |
| 1.80  | 1.90   | 3.08   | 5.00   | 6.87             | 7.42  | 5.76  | 2.59  |       |
| 0.29  | 0.92   | 3.97   | 6.45   | 5.68             | 1.97  | -1.61 | -2.30 |       |
| -0.20 | 2.26   | 2.96   | 1.86   | 0.19             | -1.17 | -2.16 | -2.69 |       |
| -2.23 | -0.52  | 1.63   | 2.84   | 2.46             | 1.12  | -0.12 | -0.94 |       |
| -1.87 | -3.38  | -5.22  | -6.53  | -6.63            | -5.53 | -3.82 | -2.08 |       |
| -0.46 | 1.24   | 3.09   | 4.61   | 4.90             | 3.29  | 0.11  | -3.08 |       |
| -4.35 | -2.84  | 0.18   | 2.12   | 1.32             | -1.27 | -2.77 | -1.01 |       |
| 3.51  | 8.11   | 10.08  | 8.60   | 5.02             | 1.87  | 1.43  | 4.12  |       |
| 7.91  | 9.49   | 7.06   | 2.18   | -1.35            | -0.97 | 2.47  | 5.79  |       |
| 6.56  | 4.97   | 3.03   | 2.64   | 4.18             | 6.41  | 7.31  | 5.46  |       |
| 1.35  | -2.58  | -3.76  | -1.70  | 1.54             | 3.28  | 2.62  | 0.94  |       |
| 0.31  | 1.69   | 4.35   | 6.47   | 6.34             | 3.56  | -0.29 | -2.62 |       |
| -1.96 | 0.40   | 1.55   | 0.01   | -2.64            | -3.29 | -0.53 | 3.99  |       |
| 7.21  | 7.22   | 4.41   | 0.77   | -1.53            | -1.40 | 0.29  | 1.23  |       |
| -0.37 | -3.81  | -6.16  | -5.04  | -1.12            | 2.71  | 4.20  | 3.71  |       |
| 3.08  | 3.45   | 4.37   | 4.45   | 2.53             | -1.57 | -6.30 | -8.71 |       |
| -6.45 | -0.48  | 4.73   | 4.81   | -0.41            | -6.69 | -9.36 | -7.25 |       |
| -2.92 | 0.15   | 0.12   | -2.67  | -6.24            | -8.17 | -7.19 | -4.57 |       |
| -3.38 | -5.53  | -9.46  | -11.53 | -9.74            | -5.82 | -3.09 | -3.11 |       |
| -4.80 | -6.29  | -6.79  | -6.28  | -4.80            | -2.68 | -1.29 | -2.03 |       |
| -4.42 | -5.87  | -4.22  | -0.30  | 2.80             | 3.06  | 1.68  | 1.39  |       |
| 3.20  | 5.12   | 4.40   | 0.49   | -4.13            | -6.00 | -3.55 | 1.53  |       |
| 5.59  | 5.78   | 2.43   | -1.21  | -1.66            | 1.59  | 5.68  | 7.05  |       |
| 4.79  | 1.22   | -0.65  | -0.05  | 1.42             | 1.98  | 1.47  | 0.97  |       |
| 1.28  | 2.22   | 3.34   | 4.54   | 5.68             | 6.13  | 5.15  | 2.90  |       |
| 0.65  | -0.23  | 0.47   | 1.59   | 1.68             | 0.30  | -1.38 | -1.50 |       |
| 0.72  | 3.80   | 4.84   | 2.17   | -2.76            | -6.40 | -6.41 | -3.84 |       |
| -1.85 | -2.38  | -4.43  | -5.46  | -4.22            | -1.77 | -0.22 | -0.67 |       |
| -2.34 | -3.50  | -3.03  | -1.37  | -0.24            | -1.32 | -4.64 | -8.31 |       |
| -9.92 | -8.56  | -5.70  | -3.79  | -4.15            | -5.84 | -6.71 | -5.27 |       |
| -1.87 | 1.69   | 3.45   | 2.53   | -0.23            | -2.75 | -3.12 | -1.20 |       |
| 0.97  | 0.81   | -2.34  | -6.29  | -7.82            | -5.59 | -1.21 | 2.38  |       |
| 3.34  | 1.79   | -1.17  | -4.34  | -6.53            | -6.61 | -4.39 | -1.40 |       |
| 0.14  | -0.66  | -2.50  | -3.40  | -2.97            | -2.61 | -3.58 | -5.35 |       |
| -6.25 | -5.52  | -4.21  | -3.93  | -4.92            | -5.75 | -4.68 | -1.35 |       |
| 2.79  | 5.54   | 5.55   | 3.39   | 1.12             | 0.61  | 2.04  | 4.08  |       |
| 5.33  | 5.45   | 4.94   | 4.24   | 3.63             | 3.49  | 3.91  | 3.93  |       |
| 2.22  | -0.94  | -2.91  | -1.23  | 3.15             | 6.31  | 5.60  | 2.60  |       |
| 1.11  | 2.54   | 4.66   | 4.64   | 2.36             | -0.20 | -1.84 | -3.05 |       |
| -4.36 | -5.02  | -4.07  | -1.96  | -0.19            | 0.35  | 0.22  | 0.31  |       |
| 0.81  | 1.23   | 1.16   | 0.61   | -0.08            | -0.39 | 0.14  | 1.33  |       |
| 2.28  | 2.23   | 1.56   | 1.29   | 1.57             | 1.36  | -0.21 | -2.37 |       |
| -3.40 | -2.45  | -0.28  | 1.68   | 2.47             | 1.83  | 0.16  | -1.27 |       |
| -0.79 | 1.91   | 4.70   | 4.77   | 1.75             | -1.43 | -1.49 | 1.80  |       |
| 5.66  | 7.33   | 6.34   | 4.02   | 1.87             | 0.87  | 1.42  | 3.12  |       |
| 4.70  | 5.26   | 5.36   | 6.22   | 7.56             | 7.62  | 5.97  | 5.12  |       |
| 7.70  | 12.10  | 12.93  | 7.01   | -2.19            | -7.79 | -6.66 | -2.03 |       |
| 1.34  | 2.70   | 4.56   | 7.82   | 9.98             | 8.77  | 5.77  | 4.67  |       |
| 6.64  | 8.84   | 7.88   | 3.88   | 0.22             | -0.15 | 2.45  | 5.07  |       |
| 5.16  | 2.84   | 0.73   | 1.55   | 5.51             | 9.82  | 10.93 | 7.65  |       |
| 2.08  | -2.39  | -3.90  | -3.06  | -1.64            | -0.89 | -1.10 | -1.93 |       |
| -2.87 | -3.51  | -3.74  | -3.74  | -3.77            | -3.87 | -4.07 | -4.49 |       |
| -5.11 | -5.43  | -4.80  | -3.45  | -2.62            | -3.32 | -5.06 | -6.03 |       |
| -4.94 | -2.23  | 0.46   | 1.87   | 2.16             | 2.30  | 2.86  | 3.26  |       |
| 2.41  | 0.10   | -2.13  | -2.23  | 0.06             | 2.26  | 1.42  | -2.40 |       |
| -5.65 | -4.73  | 0.09   | 4.99   | 6.49             | 4.51  | 1.29  | -1.40 |       |
| -3.19 | -3.71  | -2.08  | 1.44   | 4.35             | 3.88  | 0.21  | -3.21 |       |
| -3.22 | -0.11  | 3.05   | 4.06   | 3.69             | 4.10  | 6.07  | 8.38  |       |
| 9.62  | 9.90   | 10.27  | 10.93  | 10.58            | 8.01  | 4.16  | 2.06  |       |
| 4.13  | 9.43   | 14.00  | 14.30  | 10.44            | 5.82  | 3.76  | 4.79  |       |
| 6.97  | 8.29   | 8.08   | 6.62   | 4.38             | 2.29  | 1.97  | 4.57  |       |
| 9.09  | 12.43  | 12.07  | 8.46   | 4.58             | 2.80  | 2.80  | 2.46  |       |
| 0.53  | -2.21  | -4.03  | -3.89  | -1.85            | 1.43  | 5.06  | 7.90  |       |
| 8.97  | 8.08   | 5.90   | 3.25   | 0.60             | -1.84 | -3.69 | -4.63 |       |
| -4.90 | -5.31  | -6.38  | -7.84  | -8.85            | -8.86 | -7.95 | -6.52 |       |
| -5.04 | -4.18  | -4.72  | -6.77  | -9.07            | -9.84 | -8.69 | -7.46 |       |
| -8.22 | -10.56 | -11.64 | -9.35  | -4.96            | -1.73 | -1.21 | -2.16 |       |

| UD-jma-9.15m.acc |        |        |        |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|
| -3.04            | -4.13  | -6.11  | -7.60  | -6.13  | -1.89  | 1.33   | 0.29   |
| -3.21            | -3.92  | 0.75   | 7.30   | 9.86   | 6.34   | 0.18   | -3.66  |
| -3.26            | -0.32  | 2.20   | 2.38   | -0.02  | -3.85  | -7.32  | -9.18  |
| -9.49            | -9.07  | -8.10  | -6.09  | -3.26  | -1.11  | -0.88  | -1.74  |
| -1.66            | -0.38  | -0.27  | -3.51  | -8.85  | -12.68 | -13.21 | -12.55 |
| -13.53           | -15.55 | -14.88 | -9.51  | -2.37  | 1.29   | -0.42  | -4.23  |
| -5.51            | -3.14  | 0.10   | 1.28   | 0.33   | -0.94  | -1.37  | -1.15  |
| -0.24            | 2.11   | 5.57   | 7.48   | 5.10   | -0.60  | -4.70  | -3.17  |
| 2.60             | 7.18   | 7.13   | 4.34   | 2.84   | 3.58   | 4.01   | 2.30   |
| -0.13            | -0.91  | -0.31  | -0.60  | -2.67  | -4.99  | -6.29  | -7.61  |
| -10.40           | -13.76 | -15.26 | -14.12 | -12.21 | -11.35 | -11.29 | -11.04 |
| -10.99           | -12.01 | -13.14 | -12.26 | -9.40  | -7.68  | -9.54  | -13.21 |
| -14.81           | -13.48 | -12.60 | -15.20 | -19.79 | -21.95 | -19.48 | -14.29 |
| -9.61            | -6.69  | -4.91  | -3.70  | -2.92  | -2.07  | -0.33  | 2.08   |
| 3.69             | 3.45   | 2.11   | 1.32   | 1.67   | 2.44   | 3.18   | 4.54   |
| 7.03             | 9.78   | 11.24  | 11.14  | 10.95  | 11.99  | 13.67  | 14.03  |
| 12.08            | 9.22   | 8.05   | 9.81   | 13.09  | 14.99  | 13.74  | 10.12  |
| 6.62             | 5.23   | 6.05   | 7.78   | 9.05   | 9.15   | 8.02   | 6.15   |
| 4.71             | 4.85   | 6.44   | 7.63   | 6.45   | 2.91   | -0.69  | -1.69  |
| 0.85             | 5.76   | 10.80  | 13.76  | 13.22  | 9.36   | 4.09   | -0.26  |
| -2.83            | -4.44  | -5.78  | -6.04  | -4.06  | -0.52  | 2.08   | 2.02   |
| 0.25             | -0.66  | 0.85   | 4.25   | 7.90   | 9.98   | 8.77   | 3.43   |
| -4.23            | -9.72  | -9.12  | -3.01  | 3.62   | 6.09   | 4.28   | 1.86   |
| 1.98             | 4.71   | 8.13   | 10.47  | 10.64  | 7.99   | 3.15   | -1.16  |
| -1.96            | 0.76   | 3.44   | 2.57   | -1.39  | -4.52  | -3.78  | -0.04  |
| 3.47             | 4.71   | 4.26   | 3.60   | 3.05   | 1.67   | -1.18  | -4.72  |
| -7.11            | -7.00  | -4.83  | -2.67  | -2.59  | -4.78  | -7.25  | -7.58  |
| -5.11            | -1.38  | 1.44   | 2.28   | 1.26   | -1.40  | -5.68  | -10.71 |
| -13.91           | -12.56 | -6.86  | -0.97  | 0.23   | -3.94  | -8.72  | -8.49  |
| -2.60            | 3.88   | 5.45   | 1.61   | -3.46  | -6.00  | -6.13  | -6.10  |
| -6.68            | -6.41  | -4.23  | -1.05  | 1.60   | 3.53   | 5.58   | 7.96   |
| 10.12            | 11.97  | 13.77  | 14.59  | 12.18  | 5.82   | -1.43  | -4.79  |
| -2.51            | 2.44   | 5.98   | 7.03   | 7.23   | 7.65   | 7.57   | 6.72   |
| 6.59             | 8.06   | 9.01   | 6.41   | 0.84   | -3.11  | -2.09  | 1.79   |
| 3.37             | 0.49   | -4.24  | -7.27  | -7.70  | -6.01  | -1.72  | 5.26   |
| 11.49            | 11.44  | 3.63   | -6.45  | -11.57 | -10.32 | -7.42  | -6.90  |
| -7.32            | -5.18  | -0.81  | 1.67   | 0.03   | -2.89  | -3.00  | -0.29  |
| 1.42             | -0.57  | -5.02  | -9.24  | -12.24 | -14.47 | -15.39 | -13.49 |
| -8.70            | -3.16  | 1.17   | 4.60   | 8.36   | 11.82  | 12.60  | 9.65   |
| 4.85             | 1.00   | -1.00  | -1.89  | -1.81  | -0.05  | 3.03   | 5.19   |
| 4.89             | 3.86   | 5.61   | 11.27  | 17.87  | 21.33  | 20.18  | 15.86  |
| 10.33            | 4.82   | 0.71   | -0.29  | 2.05   | 5.18   | 5.83   | 3.31   |
| -0.02            | -1.75  | -1.61  | -0.40  | 1.85   | 5.14   | 7.46   | 5.93   |
| 0.65             | -4.08  | -3.95  | 0.21   | 3.24   | 1.78   | -1.97  | -3.33  |
| -0.91            | 2.26   | 3.05   | 1.79   | 0.84   | 0.96   | 0.82   | -0.22  |
| -0.55            | 1.50   | 5.03   | 7.15   | 6.21   | 3.33   | 0.78   | -0.30  |
| 0.06             | 1.89   | 5.05   | 8.01   | 8.18   | 4.59   | -0.58  | -3.88  |
| -3.99            | -2.27  | -0.20  | 2.17   | 4.67   | 5.41   | 2.55   | -2.16  |
| -3.72            | 0.91   | 8.44   | 11.70  | 7.03   | -1.74  | -7.21  | -5.84  |
| -0.78            | 2.26   | 0.82   | -2.90  | -5.25  | -4.64  | -1.97  | 1.11   |
| 3.44             | 4.29   | 2.99   | -0.55  | -5.20  | -8.92  | -10.22 | -9.59  |
| -9.19            | -10.68 | -13.10 | -13.43 | -9.94  | -4.94  | -3.26  | -7.34  |
| -14.30           | -18.56 | -17.45 | -13.58 | -11.42 | -12.33 | -13.75 | -12.67 |
| -8.82            | -4.24  | -0.79  | 1.01   | 1.39   | 0.92   | 0.69   | 1.76   |
| 3.46             | 3.25   | -0.52  | -5.65  | -7.23  | -2.84  | 4.23   | 7.92   |
| 5.75             | 1.25   | -0.12  | 3.43   | 9.18   | 13.67  | 15.57  | 14.82  |
| 10.87            | 3.81   | -3.25  | -5.37  | -0.87  | 5.67   | 7.26   | 1.82   |
| -5.30            | -6.81  | -0.94  | 7.21   | 11.09  | 8.40   | 1.61   | -5.44  |
| -10.03           | -10.71 | -7.08  | -0.65  | 4.91   | 5.81   | 1.14   | -6.56  |
| -13.51           | -17.18 | -17.01 | -13.86 | -9.46  | -5.85  | -4.43  | -5.05  |
| -6.56            | -7.96  | -8.54  | -7.20  | -3.20  | 1.81   | 4.00   | 1.43   |
| -2.21            | -0.38  | 8.63   | 18.02  | 18.64  | 8.82   | -3.42  | -8.48  |
| -4.04            | 4.82   | 12.30  | 16.33  | 16.93  | 13.48  | 6.32   | -0.31  |
| -0.35            | 7.56   | 17.31  | 20.74  | 15.80  | 7.72   | 2.61   | 1.59   |
| 1.99             | 2.15   | 2.57   | 2.98   | 1.12   | -3.92  | -8.81  | -8.74  |
| -3.02            | 3.93   | 7.37   | 6.62   | 3.80   | 0.03   | -4.90  | -9.74  |
| -11.30           | -8.24  | -3.98  | -3.97  | -9.78  | -16.87 | -18.66 | -12.38 |
| -1.56            | 6.38   | 5.11   | -5.82  | -19.58 | -26.60 | -22.66 | -13.31 |
| -8.42            | -11.67 | -16.56 | -14.25 | -4.21  | 5.02   | 5.72   | -0.80  |
| -7.33            | -9.94  | -11.15 | -13.97 | -16.22 | -13.45 | -6.18  | -1.05  |
| -3.36            | -10.22 | -13.12 | -7.51  | 1.83   | 5.82   | 0.84   | -7.47  |
| -10.06           | -3.70  | 5.78   | 9.20   | 3.12   | -6.69  | -10.91 | -6.39  |
| 0.15             | -0.93  | -11.35 | -22.16 | -22.70 | -11.68 | 1.90   | 8.53   |
| 7.07             | 3.53   | 3.26   | 6.63   | 11.12  | 14.53  | 14.89  | 10.06  |
| 0.43             | -8.52  | -9.53  | -1.10  | 9.61   | 13.03  | 6.32   | -4.43  |

| UD-jma-9.15m. acc |        |        |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
| -10.58            | -8.08  | 1.01   | 11.63  | 18.73  | 18.68  | 10.92  | -0.48  |
| -8.47             | -8.33  | -1.90  | 4.13   | 4.78   | 1.41   | -0.27  | 3.50   |
| 10.39             | 14.09  | 10.58  | 2.59   | -2.12  | 2.24   | 13.46  | 22.48  |
| 21.59             | 12.07  | 3.21   | 2.94   | 9.76   | 14.44  | 9.98   | -0.67  |
| -7.36             | -2.87  | 10.21  | 22.02  | 23.95  | 14.75  | 0.03   | -12.43 |
| -17.31            | -13.98 | -6.30  | -0.09  | 0.80   | -2.76  | -6.41  | -6.58  |
| -3.65             | -0.95  | -1.36  | -5.36  | -11.81 | -19.16 | -25.24 | -27.33 |
| -24.18            | -18.17 | -13.99 | -14.02 | -15.59 | -14.14 | -9.17  | -5.75  |
| -8.97             | -17.50 | -23.92 | -21.96 | -12.99 | -4.94  | -4.90  | -12.93 |
| -22.33            | -25.51 | -20.31 | -11.63 | -7.13  | -10.24 | -16.68 | -18.25 |
| -11.23            | -0.65  | 4.23   | -0.88  | -11.18 | -17.98 | -16.88 | -10.52 |
| -4.19             | -0.76  | 0.12   | -0.34  | -1.19  | -0.94  | 2.27   | 8.62   |
| 15.29             | 18.29  | 15.89  | 9.98   | 4.45   | 2.40   | 4.37   | 8.32   |
| 11.14             | 11.28  | 10.37  | 11.68  | 16.35  | 21.52  | 22.73  | 18.35  |
| 11.08             | 5.26   | 3.23   | 4.01   | 4.80   | 3.57   | 1.11   | 0.65   |
| 4.61              | 10.85  | 13.45  | 9.00   | 1.64   | -0.55  | 4.77   | 10.23  |
| 6.79              | -5.15  | -15.56 | -16.44 | -10.98 | -8.77  | -13.59 | -19.59 |
| -19.89            | -15.39 | -12.22 | -12.41 | -11.47 | -6.15  | -1.00  | -3.72  |
| -14.55            | -24.15 | -23.55 | -14.25 | -6.18  | -6.25  | -11.49 | -14.27 |
| -12.22            | -10.40 | -13.65 | -19.34 | -19.61 | -10.71 | 1.32   | 5.69   |
| -2.52             | -17.14 | -26.87 | -26.17 | -19.95 | -17.26 | -21.23 | -26.38 |
| -25.79            | -19.24 | -12.77 | -10.90 | -11.59 | -10.18 | -6.57  | -5.78  |
| -10.88            | -17.63 | -18.44 | -11.37 | -3.15  | -2.34  | -10.31 | -19.67 |
| -21.37            | -12.43 | 2.50   | 15.51  | 20.66  | 16.46  | 5.56   | -6.91  |
| -15.63            | -17.49 | -13.03 | -5.77  | 0.10   | 2.06   | 0.11   | -3.92  |
| -7.34             | -7.43  | -2.43  | 6.81   | 16.34  | 21.30  | 19.78  | 14.51  |
| 10.36             | 10.13  | 13.06  | 16.96  | 20.33  | 22.37  | 22.18  | 19.69  |
| 17.12             | 17.58  | 21.49  | 25.16  | 24.31  | 18.86  | 13.40  | 12.79  |
| 17.81             | 25.22  | 30.86  | 32.06  | 28.17  | 20.64  | 13.28  | 10.59  |
| 14.10             | 20.05  | 22.35  | 18.91  | 14.12  | 13.92  | 18.37  | 20.88  |
| 15.47             | 3.94   | -5.70  | -7.61  | -3.58  | 0.60   | 2.49   | 5.00   |
| 11.23             | 19.32  | 23.68  | 20.93  | 13.24  | 6.01   | 3.12   | 4.66   |
| 8.04              | 10.09  | 8.57   | 3.49   | -2.40  | -5.02  | -2.14  | 4.40   |
| 9.80              | 10.00  | 4.38   | -4.27  | -11.76 | -14.84 | -12.72 | -7.82  |
| -4.60             | -6.45  | -12.64 | -18.43 | -19.14 | -14.86 | -10.85 | -12.51 |
| -19.54            | -25.58 | -24.17 | -15.36 | -5.81  | -2.40  | -6.14  | -12.61 |
| -17.19            | -18.59 | -17.52 | -14.00 | -7.39  | 1.46   | 9.98   | 15.64  |
| 17.22             | 14.14  | 6.40   | -3.75  | -11.39 | -12.46 | -8.23  | -4.53  |
| -5.78             | -10.64 | -14.46 | -14.62 | -11.95 | -7.49  | -1.09  | 5.67   |
| 7.78              | 1.40   | -9.86  | -16.32 | -12.09 | -2.23  | 1.93   | -5.27  |
| -18.03            | -25.27 | -21.17 | -9.08  | 3.11   | 9.49   | 9.05   | 4.75   |
| 0.89              | -0.01  | 0.57   | -1.51  | -8.32  | -16.55 | -19.95 | -15.43 |
| -5.92             | 2.97   | 7.87   | 8.66   | 6.10   | 1.10   | -3.62  | -3.94  |
| 1.45              | 8.15   | 9.96   | 6.02   | 1.76   | 1.61   | 2.93   | -0.22  |
| -7.84             | -11.97 | -5.38  | 9.48   | 22.62  | 26.84  | 24.04  | 21.07  |
| 21.63             | 23.61  | 23.12  | 18.81  | 11.93  | 4.02   | -3.89  | -10.04 |
| -11.56            | -6.69  | 2.48   | 10.42  | 12.53  | 9.33   | 5.71   | 5.52   |
| 7.03              | 4.66   | -4.73  | -17.39 | -24.61 | -19.43 | -2.21  | 19.06  |
| 33.84             | 36.00  | 27.53  | 16.09  | 8.45   | 5.91   | 5.56   | 5.09   |
| 5.08              | 6.92   | 10.14  | 12.93  | 14.69  | 16.67  | 19.66  | 22.16  |
| 21.57             | 16.83  | 9.54   | 2.60   | -1.64  | -2.34  | -0.16  | 3.04   |
| 5.07              | 4.82   | 2.99   | 1.22   | 0.75   | 1.85   | 4.43   | 8.07   |
| 11.22             | 11.06  | 5.65   | -3.13  | -9.64  | -8.75  | -0.88  | 7.54   |
| 9.80              | 5.46   | 0.93   | 3.02   | 11.76  | 19.83  | 19.25  | 8.51   |
| -6.48             | -17.80 | -21.34 | -18.33 | -12.80 | -8.24  | -6.09  | -5.84  |
| -6.00             | -5.34  | -3.61  | -1.33  | 1.02   | 3.10   | 3.89   | 1.72   |
| -3.48             | -7.96  | -5.97  | 4.33   | 17.09  | 22.79  | 17.41  | 6.70   |
| 0.21              | 1.44   | 5.50   | 6.43   | 4.42   | 3.99   | 6.23   | 6.32   |
| 0.06              | -9.24  | -13.08 | -6.85  | 5.15   | 14.22  | 15.52  | 11.01  |
| 5.84              | 3.52   | 4.02   | 4.71   | 2.44   | -3.91  | -12.10 | -18.17 |
| -20.11            | -19.07 | -16.51 | -11.48 | -2.69  | 7.17   | 11.90  | 8.47   |
| 1.48              | -1.24  | 2.27   | 5.77   | 2.82   | -4.38  | -6.71  | 1.18   |
| 13.61             | 19.29  | 13.38  | 2.49   | -3.02  | -0.39  | 3.65   | 1.94   |
| -4.18             | -6.49  | 0.68   | 14.50  | 26.78  | 31.26  | 27.16  | 18.13  |
| 9.93              | 8.20   | 14.86  | 25.20  | 30.75  | 27.42  | 20.24  | 17.96  |
| 23.16             | 29.76  | 30.67  | 25.48  | 19.05  | 14.91  | 12.99  | 12.68  |
| 13.61             | 12.59  | 4.11   | -12.28 | -27.15 | -28.94 | -17.26 | -4.40  |
| -1.54             | -6.91  | -11.00 | -10.33 | -9.82  | -11.58 | -9.09  | 2.25   |
| 13.81             | 11.57  | -3.97  | -14.12 | -3.91  | 17.12  | 24.56  | 9.74   |
| -7.92             | -4.24  | 19.06  | 35.38  | 25.12  | -0.78  | -13.41 | 2.13   |
| 32.32             | 50.85  | 43.16  | 15.83  | -11.60 | -20.63 | -5.37  | 22.59  |
| 41.22             | 36.29  | 15.34  | 0.25   | 4.08   | 19.05  | 29.22  | 29.50  |
| 25.62             | 19.49  | 6.13   | -10.93 | -11.66 | 20.44  | 71.50  | 102.14 |
| 86.26             | 39.78  | 3.98   | 2.35   | 20.73  | 29.46  | 16.15  | -7.72  |
| -24.90            | -27.33 | -15.39 | 5.82   | 24.64  | 26.46  | 9.30   | -7.37  |

| UD-jma-9.15m. acc |         |         |         |         |         |         |         |
|-------------------|---------|---------|---------|---------|---------|---------|---------|
| -1.48             | 21.62   | 29.66   | 3.18    | -33.01  | -33.45  | 11.58   | 57.81   |
| 55.37             | 7.29    | -34.32  | -28.95  | 9.87    | 37.81   | 31.87   | 6.47    |
| -15.19            | -27.12  | -33.16  | -29.08  | -6.67   | 27.96   | 53.57   | 54.65   |
| 36.16             | 14.95   | 3.06    | 2.64    | 9.38    | 13.28   | 1.86    | -25.97  |
| -49.66            | -43.13  | -7.28   | 23.26   | 16.46   | -17.90  | -37.14  | -14.60  |
| 30.79             | 58.63   | 51.19   | 24.77   | 3.70    | -3.21   | -0.15   | 7.25    |
| 12.68             | 7.46    | -9.34   | -21.86  | -12.24  | 12.31   | 19.31   | -11.69  |
| -58.33            | -74.73  | -42.56  | 8.32    | 34.45   | 24.63   | 2.81    | -7.49   |
| -7.46             | -9.80   | -15.02  | -12.30  | -0.04   | 6.70    | -6.52   | -34.17  |
| -54.29            | -50.82  | -30.26  | -15.77  | -24.44  | -48.11  | -57.19  | -28.40  |
| 28.03             | 73.27   | 78.29   | 55.26   | 42.24   | 55.48   | 68.42   | 46.89   |
| -3.44             | -40.73  | -38.92  | -18.47  | -14.32  | -26.26  | -21.84  | 12.82   |
| 48.56             | 52.56   | 35.63   | 36.58   | 62.65   | 72.09   | 30.48   | -33.75  |
| -55.50            | -13.69  | 38.02   | 34.61   | -21.23  | -63.52  | -44.25  | 11.24   |
| 40.16             | 18.93   | -15.21  | -17.13  | 11.69   | 32.29   | 19.74   | -11.66  |
| -33.81            | -38.62  | -37.54  | -37.33  | -30.55  | -10.43  | 15.92   | 34.20   |
| 36.92             | 25.88   | 5.69    | -18.22  | -37.65  | -46.21  | -47.59  | -52.40  |
| -62.94            | -66.97  | -52.98  | -27.86  | -10.22  | -6.31   | -2.84   | 10.77   |
| 21.91             | 8.25    | -30.04  | -64.48  | -70.46  | -56.33  | -50.42  | -63.07  |
| -73.73            | -57.97  | -16.62  | 29.25   | 64.16   | 86.68   | 94.20   | 75.64   |
| 29.50             | -18.77  | -32.73  | -2.30   | 42.73   | 61.83   | 42.49   | 5.72    |
| -21.55            | -30.24  | -25.58  | -11.00  | 15.02   | 47.98   | 71.79   | 68.75   |
| 34.27             | -18.02  | -63.60  | -80.49  | -62.34  | -23.79  | 8.97    | 18.85   |
| 10.76             | 1.82    | 0.19    | 0.04    | -1.17   | 9.78    | 45.71   | 92.34   |
| 111.83            | 82.33   | 27.46   | -5.55   | 2.06    | 21.70   | 16.38   | -10.13  |
| -16.20            | 24.84   | 86.69   | 113.67  | 78.88   | 10.81   | -37.94  | -41.07  |
| -14.42            | 10.60   | 19.39   | 18.98   | 19.49   | 19.76   | 12.26   | -2.92   |
| -13.47            | -5.16   | 24.13   | 60.34   | 83.10   | 80.63   | 57.36   | 28.36   |
| 6.67              | -4.45   | -8.01   | -4.59   | 9.93    | 36.79   | 67.06   | 85.45   |
| 83.18             | 65.30   | 43.23   | 21.58   | -3.92   | -34.54  | -59.19  | -62.99  |
| -45.98            | -28.81  | -35.12  | -67.92  | -105.75 | -122.28 | -108.71 | -78.12  |
| -52.18            | -45.29  | -57.04  | -74.07  | -79.01  | -63.99  | -40.37  | -33.27  |
| -59.99            | -110.05 | -148.01 | -140.18 | -82.35  | -3.57   | 56.19   | 73.17   |
| 49.85             | 5.38    | -39.14  | -68.43  | -74.98  | -60.83  | -37.58  | -18.86  |
| -8.73             | 1.16    | 19.71   | 42.42   | 52.42   | 37.24   | 3.39    | -26.84  |
| -33.14            | -12.68  | 19.32   | 42.95   | 49.66   | 48.85   | 58.98   | 89.56   |
| 130.11            | 157.73  | 157.50  | 135.23  | 109.40  | 91.59   | 77.77   | 59.36   |
| 39.40             | 33.25   | 51.86   | 87.19   | 117.08  | 124.37  | 108.94  | 81.91   |
| 52.58             | 25.00   | 4.32    | -1.22   | 10.62   | 27.81   | 31.00   | 10.94   |
| -22.59            | -50.44  | -61.60  | -60.98  | -62.23  | -74.75  | -95.81  | -112.40 |
| -111.62           | -92.93  | -71.57  | -66.33  | -80.98  | -98.91  | -99.50  | -80.07  |
| -58.74            | -55.00  | -70.47  | -91.11  | -105.56 | -116.09 | -130.26 | -146.33 |
| -152.28           | -139.95 | -115.99 | -95.09  | -82.04  | -63.82  | -22.84  | 41.02   |
| 103.43            | 133.45  | 120.59  | 84.68   | 58.44   | 58.75   | 73.86   | 77.64   |
| 56.59             | 22.73   | -0.15   | -2.79   | -1.16   | -18.75  | -58.73  | -97.80  |
| -110.90           | -99.68  | -90.80  | -104.70 | -131.55 | -142.93 | -124.86 | -92.89  |
| -73.66            | -77.74  | -94.69  | -110.63 | -122.89 | -136.33 | -151.27 | -160.54 |
| -157.50           | -143.12 | -123.42 | -101.63 | -74.78  | -39.27  | -0.22   | 26.45   |
| 25.01             | -3.40   | -35.81  | -43.65  | -17.84  | 21.40   | 40.77   | 21.50   |
| -26.78            | -75.92  | -101.55 | -98.84  | -81.05  | -65.01  | -56.62  | -48.82  |
| -33.50            | -13.85  | -2.53   | -6.57   | -16.87  | -16.24  | 2.00    | 25.96   |
| 36.39             | 24.10   | -3.85   | -31.74  | -45.73  | -39.47  | -15.18  | 17.44   |
| 45.74             | 61.34   | 64.02   | 58.67   | 49.52   | 38.79   | 28.67   | 20.83   |
| 13.29             | 2.02    | -11.27  | -15.82  | -1.85   | 25.10   | 44.43   | 39.33   |
| 14.18             | -9.56   | -14.12  | 0.29    | 21.14   | 37.85   | 47.20   | 48.02   |
| 37.02             | 12.65   | -19.06  | -45.44  | -54.15  | -40.24  | -9.11   | 24.72   |
| 44.20             | 40.54   | 20.58   | 1.52    | -4.60   | -1.15   | 0.05    | -5.71   |
| -11.32            | -9.10   | -1.43   | 5.06    | 12.82   | 32.72   | 66.31   | 94.60   |
| 92.85             | 57.65   | 13.87   | -8.53   | -2.02   | 16.54   | 27.39   | 25.27   |
| 16.42             | 6.98    | 0.78    | 4.90    | 27.79   | 67.48   | 105.37  | 117.67  |
| 94.64             | 48.40   | 3.40    | -18.96  | -10.40  | 21.25   | 54.77   | 66.92   |
| 49.44             | 16.81   | -7.08   | -12.23  | -9.70   | -14.32  | -25.84  | -32.58  |
| -30.05            | -26.21  | -25.41  | -16.23  | 15.65   | 64.36   | 103.00  | 108.86  |
| 84.15             | 48.70   | 17.92   | -5.51   | -22.23  | -29.60  | -28.56  | -29.18  |
| -40.85            | -58.05  | -62.93  | -44.14  | -9.21   | 23.21   | 38.60   | 31.59   |
| 2.42              | -41.91  | -83.40  | -100.65 | -89.16  | -70.90  | -74.90  | -106.20 |
| -138.76           | -142.05 | -110.71 | -64.80  | -25.60  | 1.39    | 20.26   | 31.43   |
| 31.81             | 24.82   | 21.99   | 31.50   | 48.76   | 61.14   | 60.12   | 46.81   |
| 28.49             | 14.31   | 13.52   | 31.13   | 60.30   | 82.01   | 79.14   | 53.49   |
| 25.18             | 11.57   | 8.44    | -4.05   | -37.58  | -82.48  | -118.92 | -135.10 |
| -129.56           | -101.17 | -48.99  | 13.86   | 55.97   | 50.34   | 3.54    | -45.10  |
| -58.63            | -34.51  | 0.23    | 21.24   | 28.39   | 37.53   | 58.72   | 86.39   |
| 106.54            | 109.15  | 94.87   | 74.03   | 59.05   | 54.07   | 50.92   | 39.05   |
| 21.64             | 18.14   | 44.44   | 89.32   | 116.91  | 99.81   | 50.84   | 16.29   |
| 31.64             | 83.52   | 119.59  | 99.17   | 33.00   | -28.23  | -42.09  | -8.59   |

|        |         |         |         |                  |        |        |         |
|--------|---------|---------|---------|------------------|--------|--------|---------|
|        |         |         |         | UD-jma-9.15m.acc |        |        |         |
| 39.12  | 68.74   | 69.89   | 50.12   | 22.04            | -3.24  | -18.71 | -25.43  |
| -32.51 | -47.33  | -64.93  | -70.90  | -55.98           | -24.60 | 12.00  | 46.24   |
| 74.42  | 91.00   | 90.89   | 78.39   | 67.02            | 65.97  | 70.82  | 72.40   |
| 70.90  | 73.02   | 76.11   | 65.46   | 33.20            | -7.26  | -35.43 | -49.53  |
| -67.62 | -100.45 | -133.59 | -143.92 | -127.08          | -97.81 | -65.92 | -25.75  |
| 24.95  | 67.51   | 76.53   | 49.78   | 12.60            | -10.02 | -16.97 | -21.36  |
| -25.88 | -19.10  | 4.16    | 29.88   | 38.67            | 27.93  | 13.64  | 11.41   |
| 21.87  | 35.48   | 45.89   | 54.06   | 61.46            | 64.35  | 55.46  | 29.60   |
| -12.12 | -59.98  | -97.07  | -108.21 | -93.30           | -70.71 | -61.25 | -65.43  |
| -60.68 | -26.54  | 28.00   | 67.92   | 66.34            | 33.38  | 7.31   | 17.03   |
| 55.30  | 89.07   | 93.28   | 72.49   | 51.07            | 46.48  | 54.86  | 61.42   |
| 60.43  | 60.90   | 72.39   | 89.14   | 92.69            | 71.33  | 34.32  | 3.95    |
| -6.88  | -7.21   | -16.87  | -43.20  | -70.61           | -75.21 | -50.44 | -16.35  |
| -0.69  | -10.30  | -24.80  | -21.86  | -5.84            | -3.91  | -30.40 | -61.60  |
| -55.72 | -0.44   | 66.87   | 93.30   | 63.41            | 12.74  | -12.46 | -3.06   |
| 9.44   | -6.13   | -43.45  | -65.70  | -46.69           | -0.44  | 31.62  | 21.80   |
| -17.09 | -45.86  | -39.01  | -9.74   | 5.05             | -16.24 | -57.94 | -85.12  |
| -81.09 | -62.90  | -58.45  | -73.26  | -87.03           | -82.73 | -69.80 | -70.33  |
| -85.87 | -90.20  | -61.42  | -14.70  | 7.86             | -18.21 | -71.83 | -107.11 |
| -98.32 | -59.86  | -25.06  | -12.94  | -17.90           | -24.96 | -27.11 | -27.66  |
| -31.75 | -39.51  | -45.60  | -42.92  | -28.13           | -6.77  | 8.06   | 6.65    |
| -5.79  | -12.13  | -1.67   | 15.77   | 18.07            | -6.22  | -45.75 | -77.82  |
| -88.52 | -80.26  | -64.40  | -51.61  | -47.31           | -48.96 | -45.58 | -25.79  |
| 8.39   | 38.53   | 46.13   | 31.58   | 12.41            | 3.13   | 3.10   | 6.45    |
| 16.70  | 43.05   | 83.21   | 118.34  | 129.99           | 118.89 | 103.26 | 98.94   |
| 104.24 | 103.86  | 85.67   | 53.12   | 22.84            | 10.18  | 15.79  | 25.97   |
| 27.58  | 22.74   | 26.82   | 50.00   | 82.17            | 98.92  | 84.29  | 46.91   |
| 12.03  | -3.14   | -5.33   | -14.87  | -40.08           | -64.92 | -66.04 | -40.91  |
| -13.53 | -7.90   | -19.03  | -16.90  | 19.20            | 75.26  | 115.14 | 116.10  |
| 88.00  | 58.80   | 46.20   | 44.71   | 35.96            | 8.23   | -32.33 | -65.95  |
| -74.89 | -57.85  | -29.92  | -7.66   | 5.18             | 15.35  | 25.79  | 29.16   |
| 18.40  | -0.35   | -11.54  | -7.36   | 3.06             | 4.44   | -6.96  | -19.27  |
| -18.65 | -4.41   | 10.35   | 12.01   | -1.03            | -18.71 | -30.22 | -33.68  |
| -35.66 | -42.99  | -55.70  | -66.47  | -65.77           | -48.79 | -20.66 | 4.55    |
| 13.52  | 6.03    | -3.20   | 1.46    | 19.47            | 33.72  | 28.88  | 8.27    |
| -9.50  | -9.98   | 3.17    | 12.96   | 5.36             | -18.55 | -43.90 | -54.14  |
| -44.48 | -25.57  | -13.44  | -14.39  | -20.25           | -19.58 | -11.03 | -2.74   |
| 0.32   | 2.96    | 11.40   | 22.36   | 25.79            | 18.08  | 7.55   | 4.44    |
| 8.91   | 12.50   | 10.74   | 10.17   | 21.44            | 47.10  | 77.55  | 98.24   |
| 100.61 | 88.14   | 74.16   | 72.36   | 85.54            | 101.55 | 102.32 | 80.26   |
| 46.37  | 20.32   | 11.85   | 12.93   | 8.71             | -5.54  | -20.40 | -23.97  |
| -14.50 | -0.59   | 8.71    | 11.36   | 10.66            | 9.48   | 7.91   | 5.23    |
| 2.07   | -0.13   | -1.00   | -2.14   | -6.13            | -14.13 | -23.32 | -26.80  |
| -17.93 | 3.10    | 26.69   | 39.95   | 37.57            | 26.78  | 19.93  | 21.47   |
| 23.33  | 14.47   | -5.63   | -25.15  | -32.20           | -27.50 | -23.44 | -31.46  |
| -51.74 | -74.44  | -88.31  | -87.82  | -75.32           | -59.41 | -49.99 | -50.56  |
| -54.21 | -49.73  | -34.21  | -17.98  | -14.30           | -24.39 | -35.47 | -34.18  |
| -19.71 | -2.42   | 8.06    | 10.44   | 8.57             | 5.29   | 1.66   | 0.47    |
| 6.15   | 19.74   | 35.06   | 42.24   | 36.30            | 22.22  | 10.96  | 9.67    |
| 15.57  | 18.95   | 12.19   | -3.76   | -20.22           | -26.96 | -19.38 | -2.98   |
| 8.58   | 3.06    | -18.67  | -41.14  | -47.65           | -36.24 | -19.94 | -10.43  |
| -5.74  | 2.70    | 14.75   | 20.48   | 15.32            | 9.11   | 14.91  | 32.20   |
| 47.62  | 51.41   | 46.75   | 41.31   | 36.41            | 29.75  | 24.57  | 27.62   |
| 37.47  | 42.08   | 32.42   | 14.64   | 4.07             | 8.55   | 22.11  | 33.99   |
| 38.11  | 32.85   | 17.87   | -2.97   | -18.76           | -19.08 | -6.43  | 3.38    |
| -3.07  | -22.84  | -40.91  | -46.02  | -38.71           | -25.13 | -9.44  | 5.16    |
| 13.49  | 13.04   | 10.70   | 18.11   | 36.91            | 52.76  | 48.70  | 23.88   |
| -5.35  | -22.95  | -27.34  | -26.57  | -24.44           | -17.87 | -6.77  | 0.74    |
| -2.64  | -13.03  | -19.58  | -18.60  | -18.00           | -25.99 | -39.88 | -50.16  |
| -53.11 | -53.81  | -57.13  | -61.40  | -63.54           | -65.64 | -71.19 | -76.71  |
| -73.26 | -57.49  | -36.72  | -20.24  | -9.37            | 0.01   | 8.00   | 10.20   |
| 7.31   | 8.76    | 21.96   | 40.52   | 48.64            | 38.40  | 19.12  | 8.03    |
| 13.49  | 29.06   | 41.74   | 43.03   | 33.00            | 17.95  | 6.39   | 4.68    |
| 12.46  | 21.67   | 22.71   | 13.99   | 4.47             | 5.00   | 17.10  | 31.68   |
| 38.96  | 38.02   | 35.57   | 37.32   | 42.60            | 47.01  | 47.59  | 44.20   |
| 38.13  | 31.62   | 27.89   | 29.08   | 33.59            | 36.93  | 36.38  | 33.58   |
| 31.50  | 30.03   | 26.52   | 20.29   | 14.60            | 12.99  | 15.14  | 17.50   |
| 17.53  | 15.69   | 13.21   | 9.86    | 4.79             | -1.42  | -7.30  | -13.15  |
| -20.92 | -30.39  | -36.39  | -32.20  | -16.84           | 1.92   | 12.71  | 9.62    |
| -3.37  | -15.79  | -18.42  | -9.60   | 3.48             | 9.63   | 2.22   | -14.33  |
| -26.98 | -24.92  | -9.67   | 6.02    | 9.94             | 1.22   | -9.85  | -12.04  |
| -2.71  | 11.26   | 19.98   | 17.49   | 4.18             | -14.96 | -33.18 | -44.21  |
| -44.63 | -36.42  | -27.36  | -26.23  | -35.24           | -47.08 | -51.33 | -44.81  |
| -34.39 | -28.96  | -29.86  | -30.84  | -26.83           | -19.91 | -16.19 | -18.64  |
| -24.97 | -30.85  | -33.16  | -30.54  | -23.26           | -13.42 | -3.26  | 7.42    |

| UD-jma-9.15m.acc |        |        |        |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|
| 20.04            | 32.12  | 35.95  | 26.13  | 8.07   | -5.22  | -6.52  | -1.84  |
| -1.81            | -8.11  | -12.45 | -8.39  | 0.73   | 7.37   | 9.31   | 9.29   |
| 7.35             | -0.99  | -17.29 | -34.68 | -42.78 | -37.21 | -22.73 | -8.45  |
| -1.82            | -5.22  | -14.05 | -17.83 | -7.98  | 11.93  | 25.98  | 20.54  |
| -0.17            | -16.66 | -13.98 | 3.12   | 16.85  | 16.02  | 5.85   | -1.36  |
| -0.87            | 2.29   | 3.10   | 3.88   | 9.97   | 20.72  | 28.03  | 24.24  |
| 9.97             | -6.54  | -16.77 | -17.99 | -13.75 | -10.25 | -11.96 | -18.80 |
| -26.52           | -30.38 | -29.25 | -25.57 | -21.22 | -15.46 | -8.52  | -5.67  |
| -13.66           | -31.51 | -47.59 | -49.62 | -37.52 | -24.16 | -22.15 | -31.44 |
| -40.68           | -39.32 | -27.21 | -13.53 | -8.53  | -15.80 | -29.96 | -40.54 |
| -39.44           | -27.15 | -12.15 | -3.46  | -3.22  | -6.43  | -7.28  | -4.65  |
| -1.42            | 0.02   | -0.19  | -1.51  | -5.38  | -13.73 | -25.21 | -34.37 |
| -35.77           | -28.87 | -17.93 | -7.08  | 3.48   | 15.28  | 26.59  | 31.59  |
| 25.70            | 11.38  | -2.62  | -8.07  | -3.47  | 5.82   | 12.81  | 14.48  |
| 13.45            | 14.75  | 20.54  | 27.24  | 28.42  | 21.53  | 11.79  | 8.14   |
| 14.34            | 24.60  | 29.01  | 23.68  | 14.47  | 10.37  | 13.83  | 18.71  |
| 17.36            | 8.43   | -2.41  | -8.34  | -6.85  | -0.52  | 5.58   | 6.56   |
| 0.09             | -11.76 | -22.61 | -25.77 | -19.28 | -7.43  | 3.08   | 8.09   |
| 7.46             | 3.56   | 0.10   | 1.64   | 11.17  | 26.17  | 38.24  | 39.34  |
| 29.62            | 17.88  | 13.32  | 17.19  | 23.05  | 24.15  | 19.30  | 12.18  |
| 6.72             | 4.54   | 5.29   | 7.75   | 10.19  | 11.27  | 11.33  | 12.21  |
| 14.99            | 18.28  | 20.03  | 20.63  | 22.47  | 25.50  | 24.96  | 16.19  |
| 1.95             | -7.34  | -3.18  | 11.76  | 25.66  | 29.07  | 23.25  | 16.60  |
| 15.19            | 18.63  | 23.71  | 28.41  | 31.01  | 27.99  | 16.43  | -1.24  |
| -17.07           | -23.48 | -19.09 | -8.73  | 0.73   | 4.43   | 1.82   | -2.53  |
| -1.75            | 6.48   | 15.15  | 13.08  | -2.21  | -18.51 | -19.31 | -1.52  |
| 19.75            | 26.16  | 14.95  | 0.64   | -1.33  | 9.68   | 21.36  | 23.67  |
| 19.09            | 17.62  | 24.25  | 33.92  | 38.28  | 35.19  | 30.42  | 30.92  |
| 37.56            | 44.27  | 43.63  | 33.52  | 19.44  | 10.15  | 10.17  | 15.84  |
| 19.51            | 17.66  | 14.00  | 13.47  | 14.91  | 12.42  | 4.11   | -3.56  |
| -3.16            | 3.25   | 4.84   | -5.14  | -19.44 | -23.13 | -10.16 | 8.82   |
| 16.79            | 7.79   | -7.52  | -13.21 | -3.37  | 14.07  | 26.33  | 26.58  |
| 17.06            | 5.31   | -1.24  | 0.95   | 9.62   | 17.98  | 19.90  | 15.34  |
| 9.98             | 8.90   | 11.60  | 13.87  | 13.22  | 10.37  | 6.35   | 0.87   |
| -5.10            | -7.94  | -5.13  | 0.23   | 1.48   | -4.21  | -12.27 | -15.71 |
| -12.22           | -5.04  | 2.20   | 9.07   | 16.68  | 24.49  | 30.18  | 31.63  |
| 27.95            | 19.48  | 8.83   | 1.47   | 2.88   | 12.88  | 23.89  | 26.87  |
| 19.76            | 9.21   | 3.59   | 4.99   | 8.56   | 8.39   | 3.00   | -4.52  |
| -9.76            | -9.98  | -5.49  | 0.35   | 2.86   | -0.50  | -7.68  | -13.75 |
| -15.51           | -14.09 | -12.99 | -14.39 | -18.04 | -22.84 | -27.67 | -30.35 |
| -27.52           | -17.62 | -4.03  | 6.18   | 7.58   | 0.85   | -8.07  | -13.22 |
| -13.31           | -12.00 | -13.92 | -19.90 | -25.63 | -25.79 | -20.11 | -14.84 |
| -16.55           | -24.35 | -29.84 | -26.31 | -17.17 | -12.86 | -19.00 | -29.59 |
| -33.89           | -28.76 | -21.96 | -22.59 | -30.47 | -36.45 | -32.45 | -19.75 |
| -7.55            | -4.70  | -12.68 | -24.86 | -32.09 | -30.00 | -22.52 | -17.84 |
| -20.12           | -25.35 | -26.35 | -21.17 | -14.83 | -12.36 | -12.42 | -9.61  |
| -2.32            | 4.45   | 4.85   | -1.01  | -7.67  | -11.05 | -12.84 | -17.70 |
| -27.06           | -36.80 | -40.81 | -36.70 | -28.01 | -20.99 | -18.95 | -19.48 |
| -17.26           | -9.80  | -0.41  | 5.06   | 4.21   | 0.57   | -0.14  | 4.08   |
| 9.60             | 11.17  | 7.47   | 2.62   | 2.08   | 7.06   | 12.97  | 13.76  |
| 8.32             | 2.16   | 2.01   | 8.49   | 15.04  | 14.96  | 9.14   | 5.40   |
| 10.08            | 21.13  | 30.30  | 31.30  | 24.87  | 16.53  | 10.85  | 8.41   |
| 6.93             | 3.99   | -0.97  | -6.23  | -9.10  | -8.15  | -4.40  | 0.29   |
| 5.55             | 12.19  | 19.17  | 22.44  | 18.65  | 9.84   | 2.85   | 2.78   |
| 7.56             | 10.24  | 6.58   | -0.35  | -3.51  | 0.71   | 8.88   | 13.70  |
| 10.28            | -0.50  | -13.23 | -21.97 | -23.78 | -20.26 | -16.20 | -15.87 |
| -19.27           | -22.17 | -20.59 | -15.42 | -11.40 | -11.56 | -13.75 | -13.94 |
| -11.85           | -11.12 | -13.94 | -17.70 | -18.57 | -16.89 | -16.68 | -19.73 |
| -22.57           | -20.50 | -13.02 | -3.69  | 4.38   | 10.55  | 14.36  | 14.20  |
| 9.97             | 5.44   | 5.24   | 9.36   | 12.82  | 11.48  | 6.34   | 0.91   |
| -3.87            | -9.33  | -14.23 | -13.87 | -5.89  | 4.74   | 9.73   | 6.45   |
| 0.75             | -0.14  | 4.40   | 8.72   | 7.90   | 2.46   | -3.61  | -7.02  |
| -6.77            | -3.43  | 1.07   | 3.89   | 3.45   | 1.42   | 1.20   | 3.70   |
| 6.08             | 5.80   | 4.59   | 6.34   | 11.05  | 13.39  | 8.92   | 0.59   |
| -3.28            | 1.79   | 11.02  | 15.31  | 10.67  | 1.68   | -4.11  | -3.44  |
| 1.05             | 4.71   | 4.71   | 0.96   | -4.61  | -8.92  | -9.48  | -6.66  |
| -3.69            | -3.51  | -5.53  | -6.60  | -5.05  | -2.51  | -1.20  | -0.75  |
| 0.99             | 4.31   | 6.54   | 5.14   | 0.79   | -3.46  | -5.64  | -6.35  |
| -6.94            | -7.07  | -5.09  | -0.31  | 5.64   | 10.01  | 11.17  | 9.62   |
| 6.98             | 4.47   | 2.08   | -1.22  | -6.52  | -13.73 | -20.57 | -22.97 |
| -17.95           | -7.35  | 1.61   | 1.52   | -8.09  | -19.38 | -23.43 | -19.02 |
| -13.26           | -13.22 | -18.26 | -21.69 | -18.86 | -11.75 | -5.67  | -3.65  |
| -4.85            | -6.93  | -8.21  | -7.97  | -6.69  | -6.17  | -7.78  | -10.08 |
| -9.59            | -5.18  | -0.36  | 0.48   | -2.03  | -2.40  | 3.01   | 11.20  |
| 15.93            | 14.73  | 10.52  | 6.63   | 2.85   | -2.14  | -6.33  | -5.36  |



| UD-jma-9.15m.acc |        |        |        |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|
| 1.66             | 9.56   | 11.84  | 7.57   | 2.06   | 1.01   | 5.20   | 11.15  |
| 15.31            | 16.62  | 15.90  | 14.70  | 14.81  | 17.17  | 20.05  | 19.51  |
| 13.47            | 5.11   | 0.60   | 2.68   | 7.60   | 9.57   | 7.20   | 4.43   |
| 5.14             | 8.70   | 11.41  | 10.95  | 8.04   | 4.40   | 1.12   | -1.08  |
| -1.65            | -1.52  | -3.33  | -8.55  | -14.48 | -16.26 | -12.63 | -8.33  |
| -9.16            | -15.14 | -20.55 | -20.79 | -17.37 | -14.67 | -13.31 | -9.36  |
| -0.35            | 10.10  | 15.50  | 13.35  | 7.23   | 2.20   | -0.03  | -1.04  |
| -2.55            | -4.76  | -6.77  | -7.37  | -5.65  | -2.35  | -0.57  | -3.16  |
| -8.74            | -12.14 | -10.29 | -6.67  | -7.44  | -13.23 | -17.35 | -13.81 |
| -5.38            | -1.19  | -6.35  | -16.14 | -21.36 | -17.95 | -9.98  | -4.33  |
| -4.27            | -8.45  | -13.73 | -17.43 | -17.55 | -13.05 | -4.74  | 4.45   |
| 11.06            | 13.19  | 11.42  | 8.32   | 7.12   | 9.58   | 14.02  | 15.77  |
| 11.45            | 3.39   | -1.61  | 0.71   | 6.58   | 7.78   | 0.97   | -8.00  |
| -10.29           | -3.87  | 4.82   | 8.59   | 7.13   | 5.91   | 8.54   | 12.32  |
| 11.56            | 4.25   | -5.51  | -11.25 | -9.77  | -3.40  | 2.61   | 4.72   |
| 3.70             | 3.11   | 5.44   | 9.68   | 12.92  | 13.81  | 13.91  | 15.18  |
| 16.57            | 14.61  | 7.93   | 0.54   | -1.03  | 5.33   | 14.19  | 17.63  |
| 13.72            | 8.53   | 9.06   | 14.91  | 18.44  | 13.42  | 2.07   | -7.40  |
| -9.36            | -5.68  | -2.38  | -3.01  | -6.06  | -8.00  | -7.28  | -5.11  |
| -3.37            | -2.67  | -2.18  | -0.74  | 1.84   | 4.45   | 5.37   | 3.73   |
| 0.39             | -2.71  | -4.30  | -4.54  | -4.14  | -3.17  | -1.31  | 0.75   |
| 1.27             | -0.53  | -2.67  | -1.91  | 2.52   | 7.27   | 7.98   | 3.93   |
| -1.11            | -3.00  | -1.38  | 0.55   | -0.14  | -3.26  | -6.18  | -6.23  |
| -2.48            | 3.62   | 8.52   | 8.59   | 3.34   | -3.17  | -5.39  | -1.58  |
| 4.60             | 8.12   | 7.78   | 6.58   | 7.32   | 9.32   | 10.07  | 8.77   |
| 7.23             | 7.29   | 8.84   | 10.68  | 12.29  | 13.57  | 13.66  | 11.43  |
| 7.54             | 4.78   | 5.24   | 7.57   | 8.25   | 5.58   | 1.39   | -1.58  |
| -2.84            | -3.65  | -4.10  | -2.75  | 0.40   | 2.61   | 1.66   | -0.20  |
| 1.92             | 8.92   | 14.90  | 12.98  | 3.30   | -6.32  | -8.35  | -2.76  |
| 4.02             | 6.02   | 2.53   | -2.70  | -5.13  | -2.30  | 4.65   | 11.16  |
| 12.37            | 7.86   | 2.91   | 3.27   | 8.34   | 11.22  | 6.57   | -2.98  |
| -9.80            | -10.21 | -8.05  | -8.93  | -12.91 | -15.01 | -12.37 | -8.11  |
| -7.07            | -9.54  | -11.19 | -8.92  | -4.55  | -2.06  | -2.81  | -4.81  |
| -5.95            | -6.10  | -6.15  | -6.42  | -6.73  | -6.74  | -5.30  | -1.04  |
| 4.79             | 7.03   | 1.06   | -10.56 | -18.35 | -15.23 | -4.87  | 1.77   |
| -1.30            | -8.45  | -9.45  | -1.58  | 7.50   | 8.72   | 1.36   | -7.20  |
| -9.78            | -5.80  | 0.05   | 3.22   | 2.72   | 0.45   | -1.16  | -0.81  |
| 1.00             | 2.38   | 1.98   | 0.83   | 1.47   | 4.67   | 7.68   | 7.48   |
| 5.22             | 5.57   | 10.54  | 15.80  | 15.48  | 10.23  | 7.66   | 13.33  |
| 23.07            | 26.86  | 20.14  | 9.02   | 3.35   | 6.22   | 11.95  | 13.41  |
| 9.26             | 3.76   | 1.34   | 2.75   | 5.62   | 7.35   | 7.24   | 6.76   |
| 8.15             | 11.94  | 15.46  | 14.81  | 8.99   | 1.86   | -1.21  | 1.00   |
| 4.23             | 3.61   | -0.72  | -3.86  | -1.92  | 3.66   | 8.31   | 9.81   |
| 10.27            | 12.46  | 15.67  | 16.61  | 13.90  | 10.24  | 9.21   | 10.78  |
| 11.07            | 6.93   | -0.12  | -5.03  | -4.18  | 1.27   | 6.52   | 7.32   |
| 3.37             | -1.65  | -2.99  | 1.19   | 7.87   | 11.29  | 8.17   | 1.17   |
| -3.64            | -3.25  | -0.87  | -1.83  | -6.74  | -10.25 | -7.31  | 0.66   |
| 7.13             | 7.49   | 3.27   | -0.60  | -1.23  | 0.51   | 2.22   | 2.40   |
| 0.81             | -1.73  | -3.26  | -1.84  | 1.81   | 3.81   | 0.92   | -4.94  |
| -7.60            | -3.27  | 4.94   | 10.29  | 9.73   | 6.39   | 4.59   | 4.43   |
| 2.79             | -1.25  | -4.28  | -2.75  | 2.15   | 5.39   | 3.66   | -1.10  |
| -3.89            | -1.79  | 3.36   | 6.87   | 5.38   | -0.17  | -4.91  | -3.98  |
| 2.72             | 9.21   | 8.28   | -0.98  | -11.05 | -12.67 | -4.51  | 5.17   |
| 7.26             | 1.57   | -3.61  | -1.59  | 5.07   | 8.22   | 4.06   | -2.81  |
| -5.48            | -2.83  | 0.14   | -1.02  | -5.15  | -7.64  | -6.00  | -2.10  |
| 0.43             | -0.08  | -2.10  | -2.54  | 0.41   | 5.27   | 7.88   | 5.05   |
| -1.75            | -7.10  | -7.14  | -3.77  | -2.40  | -5.23  | -8.62  | -7.84  |
| -3.48            | -0.95  | -3.63  | -8.24  | -8.40  | -1.97  | 6.43   | 10.29  |
| 7.40             | 0.98   | -4.25  | -6.21  | -6.27  | -7.20  | -10.48 | -14.87 |
| -17.05           | -14.42 | -7.93  | -1.85  | 0.04   | -2.09  | -4.66  | -4.77  |
| -2.76            | -0.83  | -0.06  | 0.14   | 0.10   | -1.06  | -3.87  | -6.81  |
| -7.25            | -4.11  | 0.98   | 5.13   | 6.44   | 5.01   | 2.23   | -0.18  |
| -1.15            | -0.73  | 0.09   | 0.41   | 0.30   | 0.59   | 1.78   | 3.39   |
| 4.48             | 4.59   | 3.98   | 3.22   | 2.72   | 2.50   | 2.18   | 1.24   |
| -0.39            | -2.03  | -2.99  | -3.48  | -4.52  | -6.33  | -7.31  | -5.36  |
| -0.44            | 4.81   | 7.47   | 7.04   | 5.39   | 4.29   | 3.78   | 3.16   |
| 2.45             | 2.26   | 2.41   | 1.85   | 0.04   | -2.14  | -3.32  | -3.07  |
| -1.93            | -0.56  | 0.53   | 0.70   | -0.62  | -2.98  | -5.04  | -5.89  |
| -5.92            | -5.74  | -5.02  | -3.00  | -0.23  | 1.47   | 1.25   | 0.47   |
| 1.03             | 2.65   | 2.85   | -0.29  | -5.81  | -10.62 | -12.21 | -10.47 |
| -7.27            | -4.69  | -3.51  | -2.76  | -0.78  | 3.02   | 7.33   | 9.94   |
| 9.69             | 7.23   | 3.96   | 0.59   | -2.76  | -5.69  | -7.40  | -7.54  |
| -6.71            | -5.70  | -4.50  | -2.68  | -0.65  | 0.25   | -0.91  | -3.25  |
| -4.67            | -3.83  | -1.46  | 0.45   | 0.39   | -1.64  | -4.49  | -6.80  |
| -7.67            | -6.93  | -5.11  | -2.91  | -0.61  | 1.94   | 4.47   | 5.78   |

| UD-jma-9.15m.acc |       |       |        |        |        |        |        |
|------------------|-------|-------|--------|--------|--------|--------|--------|
| 4.63             | 1.35  | -2.00 | -3.54  | -3.52  | -3.50  | -3.91  | -3.13  |
| 0.25             | 4.89  | 7.51  | 6.37   | 3.31   | 1.57   | 2.25   | 3.52   |
| 3.19             | 1.11  | -1.27 | -2.99  | -4.43  | -6.38  | -8.81  | -10.80 |
| -11.12           | -8.60 | -3.04 | 3.72   | 8.13   | 7.78   | 4.26   | 2.08   |
| 3.92             | 7.49  | 8.18  | 4.67   | 0.44   | -0.62  | 1.12   | 1.95   |
| -0.26            | -3.76 | -5.62 | -5.21  | -3.77  | -1.81  | 1.28   | 5.14   |
| 7.64             | 7.22  | 4.86  | 2.77   | 1.65   | 0.69   | -0.11  | 0.64   |
| 3.11             | 4.74  | 2.73  | -2.09  | -5.65  | -5.07  | -1.63  | 1.33   |
| 2.33             | 2.27  | 1.99  | 1.07   | -0.45  | -0.72  | 1.95   | 6.28   |
| 8.69             | 7.30  | 4.04  | 2.15   | 2.37   | 2.56   | 0.89   | -1.98  |
| -4.30            | -5.42 | -5.72 | -4.92  | -2.28  | 1.42   | 3.33   | 1.43   |
| -2.74            | -5.48 | -5.02 | -3.15  | -2.40  | -2.76  | -2.36  | -0.72  |
| 0.14             | -1.56 | -4.78 | -6.71  | -6.14  | -4.65  | -4.28  | -5.11  |
| -5.44            | -4.05 | -1.48 | 0.84   | 1.97   | 1.77   | 0.56   | -0.91  |
| -1.33            | 0.27  | 3.05  | 4.32   | 2.07   | -2.58  | -6.22  | -6.82  |
| -5.84            | -5.77 | -6.47 | -5.41  | -1.78  | 1.49   | 1.09   | -2.17  |
| -4.05            | -2.29 | 0.43  | 0.00   | -3.97  | -7.79  | -8.25  | -5.85  |
| -3.44            | -3.01 | -4.55 | -6.78  | -7.87  | -6.06  | -1.39  | 3.21   |
| 4.16             | 1.23  | -1.69 | -1.14  | 1.40   | 1.26   | -3.05  | -7.21  |
| -6.09            | -0.49 | 3.33  | 0.89   | -5.25  | -8.71  | -6.75  | -2.82  |
| -1.81            | -4.34 | -7.04 | -7.23  | -5.80  | -5.42  | -7.13  | -9.50  |
| -10.37           | -8.58 | -4.55 | -0.23  | 1.63   | -0.45  | -4.76  | -7.46  |
| -6.54            | -4.27 | -4.53 | -7.68  | -9.65  | -6.85  | -1.17  | 1.82   |
| -0.56            | -4.64 | -4.51 | 1.10   | 7.43   | 9.00   | 5.32   | 0.56   |
| -1.42            | -0.91 | -1.08 | -4.09  | -8.70  | -11.61 | -10.53 | -6.35  |
| -2.69            | -2.93 | -7.05 | -11.26 | -11.44 | -7.46  | -3.48  | -3.45  |
| -6.58            | -8.44 | -6.45 | -3.12  | -3.01  | -7.06  | -11.38 | -11.75 |
| -8.39            | -5.14 | -4.73 | -6.03  | -6.35  | -5.10  | -4.33  | -5.71  |
| -8.29            | -9.54 | -8.15 | -5.06  | -1.96  | 0.46   | 2.57   | 4.69   |
| 6.27             | 6.19  | 3.76  | -0.48  | -4.73  | -6.91  | -6.45  | -4.99  |
| -4.81            | -6.31 | -7.37 | -5.81  | -2.26  | 0.35   | 0.34   | -0.56  |
| 0.57             | 4.03  | 6.78  | 6.06   | 2.65   | -0.19  | -0.73  | -0.37  |
| -1.28            | -3.24 | -4.06 | -2.48  | 0.13   | 1.56   | 1.32   | 0.88   |
| 1.75             | 3.82  | 5.80  | 6.56   | 5.98   | 4.78   | 3.82   | 3.49   |
| 3.33             | 2.52  | 0.98  | -0.18  | 0.29   | 2.26   | 4.13   | 4.49   |
| 3.46             | 2.14  | 1.05  | -0.15  | -1.41  | -1.66  | 0.02   | 2.87   |
| 4.93             | 5.18  | 4.63  | 4.90   | 6.17   | 7.04   | 6.45   | 4.94   |
| 3.88             | 3.69  | 3.52  | 2.47   | 0.70   | -0.91  | -1.77  | -2.10  |
| -2.48            | -3.10 | -3.66 | -3.73  | -3.40  | -3.35  | -4.24  | -5.70  |
| -6.23            | -4.54 | -1.24 | 1.34   | 1.35   | -0.65  | -2.32  | -2.12  |
| -0.79            | -0.22 | -1.07 | -2.24  | -2.39  | -1.71  | -1.72  | -3.36  |
| -5.64            | -6.38 | -4.34 | -0.56  | 2.43   | 3.05   | 2.09   | 1.74   |
| 2.99             | 4.38  | 3.56  | 0.10   | -3.75  | -5.45  | -4.91  | -4.40  |
| -5.59            | -7.29 | -6.83 | -3.49  | 0.22   | 1.12   | -0.84  | -2.25  |
| 0.07             | 5.26  | 8.64  | 6.43   | -0.18  | -5.78  | -5.95  | -1.54  |
| 2.41             | 2.13  | -1.08 | -2.45  | 0.98   | 7.30   | 11.97  | 12.46  |
| 10.25            | 8.45  | 8.32  | 8.42   | 6.95   | 4.00   | 1.58   | 1.47   |
| 3.44             | 5.57  | 6.24  | 5.90   | 6.54   | 9.32   | 12.79  | 13.90  |
| 11.25            | 6.82  | 4.12  | 4.55   | 6.04   | 5.61   | 2.79   | 0.12   |
| 0.17             | 2.81  | 5.44  | 5.84   | 4.31   | 3.21   | 4.44   | 7.60   |
| 10.24            | 10.00 | 6.81  | 3.16   | 1.87   | 3.34   | 4.95   | 3.66   |
| -0.42            | -3.64 | -2.55 | 2.01   | 5.33   | 3.89   | -0.70  | -3.57  |
| -2.22            | 0.63  | 0.70  | -2.53  | -5.28  | -4.30  | -0.80  | 1.28   |
| 0.08             | -2.42 | -3.22 | -1.81  | -0.06  | 0.32   | -0.68  | -2.10  |
| -3.20            | -3.69 | -3.75 | -4.23  | -5.97  | -8.30  | -8.58  | -4.83  |
| 1.30             | 5.21  | 4.05  | 0.04   | -1.97  | 0.03   | 3.24   | 3.78   |
| 1.21             | -1.53 | -1.98 | -0.58  | 0.63   | 0.47   | -0.96  | -3.00  |
| -4.70            | -4.74 | -2.56 | 0.27   | 1.11   | -0.70  | -2.55  | -1.64  |
| 1.35             | 2.87  | 1.04  | -1.81  | -2.22  | -0.16  | 1.02   | -0.90  |
| -4.08            | -5.06 | -3.11 | -0.69  | 0.12   | 0.00   | 0.72   | 2.29   |
| 3.10             | 2.37  | 1.34  | 1.50   | 2.78   | 4.10   | 5.06   | 6.11   |
| 7.17             | 7.32  | 6.16  | 4.80   | 4.49   | 4.77   | 3.96   | 1.69   |
| -0.02            | 0.96  | 3.97  | 5.93   | 4.85   | 2.17   | 1.09   | 2.94   |
| 5.98             | 7.75  | 7.69  | 6.99   | 6.48   | 5.78   | 4.34   | 2.50   |
| 0.94             | -0.31 | -1.54 | -2.33  | -1.77  | 0.00   | 1.50   | 1.55   |
| 0.94             | 1.32  | 2.91  | 4.12   | 3.97   | 3.55   | 4.24   | 5.11   |
| 3.72             | -0.17 | -3.30 | -2.40  | 1.45   | 3.72   | 1.76   | -1.96  |
| -2.88            | 0.22  | 4.22  | 5.55   | 3.95   | 1.65   | 0.31   | -0.14  |
| -0.14            | 0.28  | 0.76  | 0.42   | -0.75  | -1.17  | 0.52   | 3.30   |
| 4.73             | 4.29  | 4.47  | 7.35   | 11.28  | 12.21  | 8.50   | 3.00   |
| -0.26            | -0.31 | 0.63  | 0.70   | 0.50   | 1.42   | 3.26   | 4.52   |
| 4.59             | 4.40  | 4.98  | 6.05   | 6.68   | 6.66   | 6.29   | 5.49   |
| 3.88             | 2.03  | 1.51  | 2.97   | 4.79   | 4.91   | 3.85   | 4.75   |
| 9.46             | 15.48 | 18.12 | 15.64  | 11.09  | 8.47   | 8.21   | 7.44   |
| 4.31             | 0.41  | -1.49 | -0.83  | 0.56   | 1.14   | 1.31   | 2.24   |

| UD-jma-9.15m. acc |        |       |       |        |        |       |       |
|-------------------|--------|-------|-------|--------|--------|-------|-------|
| 4.26              | 6.83   | 9.30  | 10.83 | 10.28  | 7.16   | 2.87  | -0.13 |
| -0.97             | -1.39  | -3.36 | -5.92 | -5.96  | -2.13  | 2.92  | 5.40  |
| 4.74              | 3.99   | 5.73  | 8.74  | 9.70   | 7.42   | 4.20  | 2.86  |
| 3.60              | 4.30   | 3.18  | 0.49  | -2.22  | -3.45  | -2.45 | 0.51  |
| 3.86              | 5.48   | 4.48  | 2.09  | 0.27   | -0.62  | -1.91 | -4.22 |
| -5.94             | -5.01  | -1.89 | 0.47  | -0.14  | -2.68  | -4.19 | -3.33 |
| -1.83             | -2.28  | -5.23 | -8.82 | -10.87 | -10.79 | -9.59 | -8.52 |
| -8.01             | -7.70  | -7.00 | -5.56 | -3.55  | -1.47  | 0.15  | 1.04  |
| 1.13              | 0.37   | -1.21 | -3.27 | -5.14  | -6.32  | -6.91 | -7.39 |
| -7.92             | -8.15  | -7.77 | -7.02 | -6.52  | -6.39  | -6.07 | -5.02 |
| -3.61             | -2.94  | -3.60 | -4.90 | -5.42  | -4.54  | -3.05 | -2.25 |
| -2.48             | -2.85  | -2.41 | -1.35 | -0.81  | -1.61  | -3.27 | -4.56 |
| -4.82             | -4.35  | -3.78 | -3.14 | -1.95  | -0.14  | 1.47  | 1.91  |
| 1.13              | 0.20   | 0.39  | 1.88  | 3.45   | 3.48   | 1.35  | -2.03 |
| -4.98             | -6.33  | -6.20 | -5.52 | -5.02  | -4.59  | -3.73 | -2.24 |
| -0.49             | 1.04   | 2.17  | 2.98  | 3.36   | 2.96   | 1.58  | -0.39 |
| -2.02             | -2.52  | -2.07 | -1.80 | -2.85  | -5.14  | -7.15 | -7.28 |
| -5.47             | -3.35  | -2.59 | -3.16 | -3.61  | -2.78  | -1.19 | -0.35 |
| -0.97             | -2.15  | -2.45 | -1.48 | -0.33  | -0.28  | -1.39 | -2.47 |
| -2.46             | -1.61  | -1.09 | -1.57 | -2.34  | -2.16  | -0.74 | 0.75  |
| 0.74              | -1.20  | -3.85 | -5.28 | -4.28  | -1.24  | 2.07  | 3.80  |
| 3.40              | 1.89   | 0.76  | 0.51  | 0.36   | -0.57  | -2.16 | -3.42 |
| -3.60             | -2.90  | -2.13 | -1.98 | -2.69  | -4.00  | -5.15 | -5.11 |
| -3.48             | -1.19  | 0.15  | -0.11 | -0.85  | -0.52  | 0.85  | 1.48  |
| 0.07              | -2.35  | -3.41 | -2.16 | -0.17  | 0.28   | -1.21 | -3.01 |
| -3.50             | -2.69  | -1.55 | -0.53 | 0.77   | 2.65   | 4.60  | 5.72  |
| 5.46              | 3.97   | 1.98  | 0.60  | 0.65   | 1.72   | 2.17  | 0.75  |
| -1.67             | -2.70  | -1.23 | 0.85  | 0.63   | -2.17  | -4.35 | -2.77 |
| 1.89              | 5.58   | 5.32  | 2.28  | 0.08   | 0.64   | 2.49  | 2.99  |
| 1.42              | -0.65  | -1.32 | -0.08 | 2.19   | 4.10   | 4.64  | 3.77  |
| 2.65              | 2.77   | 4.35  | 5.87  | 5.71   | 4.23   | 3.32  | 3.83  |
| 4.32              | 3.04   | 0.71  | 0.03  | 2.09   | 4.55   | 4.17  | 0.90  |
| -1.89             | -1.48  | 0.82  | 1.24  | -1.89  | -6.26  | -8.22 | -6.58 |
| -3.30             | -1.07  | -0.98 | -2.32 | -3.62  | -3.67  | -2.28 | -0.64 |
| -0.56             | -2.46  | -4.39 | -3.83 | -0.76  | 1.94   | 1.77  | -0.37 |
| -1.24             | 0.74   | 3.73  | 5.02  | 4.29   | 3.39   | 3.37  | 3.10  |
| 1.42              | -0.64  | -0.82 | 1.39  | 3.82   | 4.02   | 2.04  | -0.03 |
| -0.60             | -0.14  | -0.18 | -1.41 | -3.17  | -4.30  | -4.11 | -2.77 |
| -1.17             | -0.51  | -1.29 | -2.60 | -2.68  | -0.85  | 1.48  | 2.18  |
| 0.87              | -0.55  | -0.23 | 1.26  | 1.49   | -0.75  | -3.65 | -4.22 |
| -1.60             | 2.15   | 4.47  | 4.92  | 4.90   | 5.37   | 5.67  | 4.97  |
| 3.85              | 3.71   | 4.72  | 5.24  | 3.62   | 0.15   | -3.16 | -4.52 |
| -3.66             | -1.46  | 0.94  | 2.54  | 2.85   | 2.48   | 2.86  | 4.66  |
| 6.50              | 6.04   | 2.84  | -0.62 | -1.39  | 0.61   | 2.67  | 2.64  |
| 1.32              | 1.08   | 2.65  | 4.38  | 4.55   | 3.43   | 2.51  | 2.36  |
| 2.08              | 0.93   | -0.50 | -1.11 | -0.74  | -0.17  | 0.23  | 1.00  |
| 2.50              | 3.84   | 3.58  | 1.46  | -1.12  | -2.50  | -2.36 | -1.70 |
| -1.52             | -2.07  | -3.16 | -4.53 | -5.58  | -5.37  | -3.42 | -0.57 |
| 1.43              | 1.66   | 0.82  | 0.23  | 0.21   | -0.04  | -1.20 | -2.89 |
| -4.28             | -5.10  | -5.62 | -6.03 | -6.29  | -6.72  | -7.80 | -9.16 |
| -9.28             | -7.13  | -3.90 | -2.28 | -3.56  | -6.05  | -7.05 | -6.08 |
| -5.09             | -5.57  | -6.42 | -5.50 | -2.66  | -0.18  | 0.00  | -1.46 |
| -2.36             | -1.71  | -0.75 | -1.19 | -3.19  | -5.30  | -6.00 | -5.01 |
| -3.33             | -2.21  | -2.16 | -2.45 | -1.72  | 0.64   | 3.38  | 4.28  |
| 2.30              | -1.09  | -3.22 | -2.94 | -1.88  | -2.55  | -5.51 | -8.55 |
| -8.96             | -6.38  | -3.17 | -1.93 | -2.75  | -3.17  | -1.01 | 2.99  |
| 5.68              | 4.89   | 1.85  | -0.08 | 0.92   | 3.21   | 3.66  | 1.28  |
| -1.75             | -2.50  | -0.30 | 2.81  | 4.39   | 4.01   | 3.42  | 4.44  |
| 6.68              | 7.55   | 4.89  | 0.06  | -2.53  | 0.08   | 5.41  | 7.26  |
| 2.60              | -4.25  | -5.76 | 0.20  | 7.55   | 8.72   | 3.16  | -2.46 |
| -2.31             | 2.15   | 4.76  | 2.15  | -3.08  | -6.56  | -7.43 | -8.17 |
| -10.10            | -10.93 | -7.31 | 0.97  | 9.87   | 14.01  | 10.67 | 1.76  |
| -7.46             | -11.81 | -9.64 | -3.82 | 0.88   | 1.86   | 0.27  | -1.30 |
| -2.14             | -3.66  | -6.50 | -8.57 | -6.73  | -0.75  | 5.56  | 7.45  |
| 3.66              | -2.47  | -6.29 | -6.07 | -4.01  | -3.51  | -5.57 | -8.02 |
| -8.03             | -5.12  | -1.76 | -0.93 | -3.27  | -6.67  | -8.35 | -7.40 |
| -5.26             | -4.03  | -4.42 | -5.21 | -4.84  | -3.27  | -2.23 | -3.20 |
| -5.37             | -6.01  | -3.37 | 1.04  | 3.62   | 2.34   | -1.26 | -3.94 |
| -4.27             | -3.54  | -3.49 | -3.95 | -3.44  | -1.43  | 0.80  | 1.61  |
| 0.81              | -0.38  | -0.64 | 0.38  | 2.03   | 3.00   | 2.11  | -0.52 |
| -3.03             | -3.22  | -0.96 | 1.17  | 0.49   | -2.57  | -4.55 | -2.84 |
| 1.27              | 3.93   | 2.98  | 0.22  | -0.85  | 1.04   | 3.65  | 3.83  |
| 1.04              | -2.05  | -2.22 | 1.08  | 5.15   | 6.59   | 4.47  | 1.12  |
| -0.30             | 1.15   | 3.43  | 3.86  | 1.99   | 0.08   | 0.60  | 3.41  |
| 5.51              | 3.91   | -1.10 | -5.86 | -6.79  | -3.88  | -0.52 | 0.43  |

| UD-jma-9.15m.acc |       |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| -0.39            | -0.13 | 2.31  | 4.58  | 3.70  | -0.08 | -3.25 | -2.77 |
| 0.69             | 3.60  | 3.21  | -0.24 | -4.24 | -6.34 | -5.59 | -2.79 |
| 0.22             | 1.76  | 1.68  | 1.47  | 2.47  | 3.88  | 3.35  | 0.14  |
| -3.15            | -3.04 | 0.55  | 3.68  | 2.69  | -1.44 | -4.15 | -2.52 |
| 1.44             | 3.33  | 1.31  | -2.20 | -3.53 | -1.51 | 1.76  | 3.26  |
| 1.56             | -2.25 | -5.58 | -6.17 | -3.79 | -0.22 | 2.46  | 3.76  |
| 4.72             | 6.03  | 6.70  | 5.20  | 1.83  | -1.03 | -1.34 | 0.17  |
| 0.71             | -1.33 | -4.37 | -5.29 | -2.85 | 1.14  | 4.01  | 4.99  |
| 5.39             | 6.43  | 7.75  | 8.29  | 7.77  | 6.87  | 6.06  | 5.15  |
| 3.88             | 2.59  | 1.68  | 1.14  | 1.02  | 2.17  | 5.37  | 9.60  |
| 12.12            | 11.16 | 8.25  | 6.74  | 7.95  | 9.65  | 8.96  | 5.99  |
| 3.58             | 3.56  | 4.69  | 4.68  | 3.43  | 2.85  | 4.00  | 5.61  |
| 5.91             | 4.85  | 3.77  | 3.34  | 2.93  | 1.96  | 0.76  | -0.18 |
| -1.01            | -1.73 | -1.37 | 1.05  | 4.54  | 6.57  | 5.84  | 4.03  |
| 3.68             | 4.82  | 5.01  | 2.77  | -0.22 | -1.22 | 0.07  | 1.30  |
| 0.82             | -0.19 | 0.52  | 3.22  | 6.07  | 7.62  | 8.27  | 8.86  |
| 9.01             | 7.80  | 5.60  | 3.96  | 3.45  | 2.85  | 0.92  | -1.54 |
| -2.60            | -1.71 | -0.46 | -0.28 | -0.49 | 0.61  | 3.26  | 5.70  |
| 6.23             | 5.00  | 3.15  | 1.14  | -1.26 | -3.54 | -4.34 | -3.09 |
| -1.14            | -0.29 | -0.54 | -0.27 | 1.33  | 2.91  | 2.74  | 1.18  |
| 0.39             | 1.48  | 3.13  | 3.39  | 2.17  | 1.06  | 1.04  | 1.42  |
| 1.31             | 1.12  | 1.82  | 3.20  | 3.95  | 3.43  | 2.55  | 2.41  |
| 2.69             | 2.27  | 1.04  | 0.23  | 0.84  | 2.28  | 3.33  | 3.68  |
| 3.88             | 4.08  | 3.68  | 2.68  | 2.22  | 3.19  | 4.45  | 3.74  |
| 0.57             | -2.65 | -3.11 | -0.83 | 1.46  | 1.61  | 0.42  | 0.17  |
| 1.73             | 3.74  | 4.71  | 4.61  | 4.25  | 3.80  | 2.76  | 1.17  |
| -0.12            | -0.52 | -0.39 | -0.32 | -0.12 | 0.77  | 2.15  | 3.00  |
| 2.79             | 2.35  | 2.80  | 3.95  | 4.36  | 3.19  | 1.30  | 0.21  |
| 0.28             | 0.47  | -0.02 | -0.74 | -0.81 | -0.43 | -0.75 | -2.25 |
| -3.85            | -4.09 | -2.83 | -1.34 | -0.89 | -1.63 | -2.91 | -3.93 |
| -4.04            | -2.74 | -0.29 | 1.87  | 2.04  | 0.06  | -2.24 | -2.82 |
| -1.61            | -0.45 | -0.99 | -3.01 | -5.07 | -6.24 | -6.71 | -6.92 |
| -6.73            | -5.77 | -4.20 | -2.63 | -1.40 | -0.52 | -0.06 | -0.31 |
| -1.16            | -1.82 | -1.65 | -1.05 | -1.15 | -2.53 | -4.46 | -5.80 |
| -6.27            | -6.47 | -6.82 | -6.93 | -6.22 | -4.75 | -3.19 | -2.06 |
| -1.35            | -0.89 | -0.74 | -0.99 | -1.39 | -1.50 | -1.17 | -0.78 |
| -0.89            | -1.76 | -3.23 | -4.75 | -5.67 | -5.48 | -4.39 | -3.36 |
| -3.39            | -4.40 | -5.17 | -4.57 | -2.91 | -1.68 | -1.88 | -2.80 |
| -2.90            | -1.56 | 0.16  | 0.82  | 0.08  | -1.16 | -2.08 | -2.69 |
| -3.43            | -4.26 | -4.56 | -3.98 | -2.88 | -2.15 | -2.37 | -3.34 |
| -4.13            | -3.81 | -2.22 | -0.29 | 0.64  | 0.15  | -0.75 | -0.67 |
| 0.50             | 1.19  | -0.08 | -2.91 | -5.20 | -5.30 | -3.72 | -2.45 |
| -2.72            | -3.85 | -4.22 | -3.12 | -1.39 | -0.43 | -0.73 | -1.43 |
| -1.14            | 0.65  | 2.92  | 3.84  | 2.39  | -0.42 | -2.33 | -2.02 |
| -0.48            | 0.03  | -1.52 | -3.86 | -4.94 | -4.26 | -3.18 | -3.03 |
| -3.46            | -3.09 | -1.47 | 0.23  | 0.69  | 0.11  | -0.13 | 0.72  |
| 1.74             | 1.43  | -0.39 | -2.31 | -2.75 | -1.57 | -0.05 | 0.36  |
| -0.75            | -2.57 | -3.63 | -2.88 | -0.62 | 1.45  | 1.75  | 0.49  |
| -0.30            | 1.05  | 3.72  | 5.12  | 3.77  | 0.98  | -0.70 | -0.33 |
| 0.70             | 0.78  | -0.14 | -0.94 | -1.10 | -1.11 | -1.34 | -1.29 |
| -0.38            | 1.13  | 2.36  | 2.97  | 3.36  | 3.81  | 4.01  | 3.68  |
| 3.15             | 2.85  | 2.52  | 1.56  | 0.27  | -0.20 | 0.65  | 1.78  |
| 1.78             | 0.85  | 0.66  | 2.17  | 4.19  | 4.83  | 3.75  | 2.35  |
| 1.84             | 1.95  | 1.74  | 1.10  | 0.65  | 0.67  | 0.70  | 0.60  |
| 0.88             | 1.91  | 2.94  | 2.87  | 1.74  | 0.89  | 1.28  | 2.24  |
| 2.26             | 0.86  | -0.90 | -1.72 | -1.29 | -0.18 | 1.09  | 2.29  |
| 3.06             | 2.93  | 2.01  | 1.21  | 1.32  | 1.84  | 1.40  | -0.75 |
| -3.67            | -5.57 | -5.55 | -4.23 | -2.85 | -1.91 | -1.03 | 0.19  |
| 1.41             | 1.94  | 1.58  | 0.85  | 0.32  | 0.01  | -0.59 | -1.80 |
| -3.50            | -5.28 | -6.63 | -6.96 | -5.69 | -2.97 | 0.04  | 1.87  |
| 2.05             | 1.46  | 1.12  | 0.99  | 0.26  | -1.29 | -2.88 | -3.84 |
| -4.54            | -5.73 | -7.24 | -7.98 | -7.29 | -5.72 | -4.25 | -3.18 |
| -2.24            | -1.45 | -1.20 | -1.47 | -1.69 | -1.64 | -1.96 | -3.12 |
| -4.25            | -3.84 | -1.67 | 0.60  | 1.31  | 0.72  | 0.52  | 1.47  |
| 2.40             | 1.83  | 0.01  | -1.31 | -0.96 | 0.34  | 1.04  | 0.52  |
| -0.44            | -0.67 | 0.29  | 2.11  | 4.00  | 5.17  | 5.10  | 4.02  |
| 2.72             | 1.84  | 1.15  | -0.10 | -2.04 | -3.69 | -3.96 | -2.93 |
| -1.71            | -1.08 | -0.59 | 0.63  | 2.42  | 3.45  | 2.91  | 1.68  |
| 1.54             | 3.04  | 4.69  | 4.51  | 2.27  | -0.26 | -1.16 | -0.20 |
| 1.31             | 2.10  | 2.04  | 1.84  | 2.11  | 2.85  | 3.48  | 3.30  |
| 2.02             | 0.35  | -0.38 | 0.52  | 2.05  | 2.34  | 0.87  | -0.61 |
| 0.06             | 2.69  | 4.64  | 3.69  | 0.71  | -1.34 | -0.79 | 0.94  |
| 1.30             | -0.44 | -2.62 | -3.40 | -2.72 | -1.79 | -1.40 | -1.06 |
| 0.12             | 2.19  | 4.07  | 4.41  | 2.71  | -0.03 | -1.92 | -1.77 |
| -0.31            | 0.26  | -1.47 | -4.42 | -5.89 | -4.40 | -1.29 | 0.67  |

| UD-jma-9.15m.acc |       |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| 0.23             | -1.18 | -1.15 | 1.10  | 3.99  | 5.31  | 4.31  | 2.13  |
| 0.54             | 0.31  | 0.90  | 1.25  | 0.89  | 0.29  | 0.25  | 1.02  |
| 1.94             | 2.11  | 1.40  | 0.70  | 0.98  | 2.14  | 2.96  | 2.43  |
| 0.93             | -0.11 | 0.18  | 1.08  | 1.26  | 0.43  | -0.13 | 0.90  |
| 3.20             | 4.91  | 4.61  | 2.86  | 1.62  | 2.05  | 3.23  | 3.23  |
| 1.34             | -0.99 | -1.57 | 0.26  | 2.94  | 4.26  | 3.54  | 2.13  |
| 1.98             | 3.64  | 5.81  | 6.64  | 5.52  | 3.58  | 2.51  | 2.83  |
| 3.48             | 3.09  | 1.50  | -0.04 | -0.31 | 0.65  | 1.67  | 1.79  |
| 1.15             | 0.58  | 0.60  | 0.98  | 1.18  | 1.10  | 1.06  | 1.34  |
| 1.63             | 1.26  | -0.10 | -1.85 | -2.82 | -2.32 | -0.81 | 0.45  |
| 0.62             | -0.03 | -0.52 | -0.21 | 0.60  | 1.06  | 0.63  | -0.46 |
| -1.37            | -1.36 | -0.44 | 0.56  | 0.67  | -0.22 | -1.11 | -0.82 |
| 0.66             | 1.99  | 1.90  | 0.57  | -0.58 | -0.56 | 0.04  | -0.08 |
| -1.38            | -2.98 | -3.75 | -3.53 | -2.99 | -2.66 | -2.42 | -1.91 |
| -1.09            | -0.28 | 0.23  | 0.36  | 0.22  | 0.04  | -0.06 | -0.15 |
| -0.59            | -1.60 | -2.81 | -3.48 | -3.29 | -2.77 | -2.65 | -2.82 |
| -2.37            | -0.73 | 1.36  | 2.41  | 1.74  | 0.31  | -0.24 | 0.68  |
| 2.08             | 2.49  | 1.48  | 0.12  | -0.18 | 0.93  | 2.45  | 3.06  |
| 2.33             | 1.10  | 0.54  | 1.02  | 1.79  | 1.65  | 0.18  | -1.79 |
| -2.85            | -2.35 | -1.06 | -0.42 | -0.98 | -1.70 | -1.05 | 1.12  |
| 3.10             | 3.09  | 1.14  | -0.92 | -1.55 | -1.06 | -0.87 | -1.67 |
| -2.67            | -2.84 | -2.20 | -1.52 | -1.20 | -0.80 | 0.15  | 1.38  |
| 2.20             | 2.24  | 1.67  | 0.81  | -0.02 | -0.46 | -0.36 | -0.24 |
| -0.96            | -2.61 | -3.94 | -3.41 | -1.14 | 0.87  | 0.71  | -1.41 |
| -3.47            | -3.88 | -3.00 | -2.31 | -2.60 | -3.41 | -4.01 | -4.27 |
| -4.37            | -4.22 | -3.57 | -2.52 | -1.55 | -0.90 | -0.45 | -0.28 |
| -0.93            | -2.68 | -4.74 | -5.77 | -5.34 | -4.41 | -4.09 | -4.22 |
| -3.73            | -2.26 | -0.70 | 0.03  | 0.25  | 0.98  | 2.25  | 2.78  |
| 1.53             | -0.76 | -2.35 | -2.43 | -1.91 | -2.10 | -3.04 | -3.66 |
| -3.21            | -1.99 | -0.69 | 0.38  | 1.15  | 1.31  | 0.58  | -0.61 |
| -1.29            | -1.04 | -0.55 | -0.69 | -1.40 | -1.77 | -1.28 | -0.41 |
| 0.01             | -0.15 | -0.33 | -0.11 | 0.42  | 0.95  | 1.39  | 1.62  |
| 1.26             | 0.11  | -1.34 | -2.17 | -1.96 | -1.19 | -0.49 | 0.28  |
| 1.69             | 3.59  | 4.75  | 4.16  | 2.40  | 1.12  | 1.28  | 2.08  |
| 2.11             | 1.13  | 0.17  | 0.07  | 0.47  | 0.55  | 0.28  | 0.42  |
| 1.33             | 2.40  | 2.84  | 2.57  | 2.07  | 1.61  | 1.03  | 0.36  |
| -0.05            | -0.12 | -0.36 | -1.15 | -1.87 | -1.41 | 0.41  | 2.22  |
| 2.55             | 1.41  | 0.31  | 0.42  | 1.42  | 2.14  | 2.01  | 1.55  |
| 1.35             | 1.37  | 1.15  | 0.65  | 0.31  | 0.53  | 1.28  | 2.22  |
| 2.99             | 3.17  | 2.47  | 1.15  | 0.15  | 0.27  | 1.18  | 1.56  |
| 0.63             | -0.73 | -0.84 | 0.78  | 2.71  | 3.05  | 1.50  | -0.46 |
| -1.22            | -0.67 | 0.09  | 0.15  | -0.34 | -0.68 | -0.59 | -0.34 |
| -0.20            | -0.01 | 0.56  | 1.54  | 2.53  | 3.03  | 2.74  | 1.78  |
| 0.63             | -0.04 | 0.06  | 0.48  | 0.37  | -0.55 | -1.42 | -1.01 |
| 0.80             | 2.65  | 3.12  | 2.22  | 1.43  | 1.90  | 3.19  | 3.88  |
| 3.19             | 1.81  | 0.92  | 0.92  | 1.11  | 0.70  | -0.31 | -1.10 |
| -0.81            | 0.69  | 2.48  | 3.23  | 2.21  | 0.16  | -1.18 | -0.64 |
| 1.10             | 2.18  | 1.55  | 0.10  | -0.43 | 0.49  | 1.62  | 1.51  |
| 0.24             | -0.77 | -0.47 | 0.62  | 1.12  | 0.38  | -0.99 | -1.83 |
| -1.60            | -0.72 | -0.10 | -0.31 | -1.01 | -1.17 | 0.00  | 2.15  |
| 3.82             | 3.78  | 2.31  | 0.99  | 1.02  | 1.94  | 2.19  | 0.92  |
| -1.10            | -2.38 | -2.33 | -1.73 | -1.72 | -2.56 | -3.42 | -3.28 |
| -1.96            | -0.37 | 0.29  | -0.30 | -1.17 | -0.99 | 0.41  | 1.67  |
| 1.27             | -0.73 | -2.69 | -3.15 | -2.41 | -1.94 | -2.62 | -3.78 |
| -4.14            | -3.22 | -1.75 | -0.76 | -0.53 | -0.54 | -0.08 | 1.01  |
| 2.16             | 2.54  | 1.81  | 0.53  | -0.30 | -0.20 | 0.24  | 0.09  |
| -0.88            | -1.90 | -2.18 | -1.84 | -1.69 | -2.12 | -2.51 | -2.08 |
| -0.89            | 0.03  | -0.16 | -1.21 | -1.97 | -1.58 | -0.26 | 0.96  |
| 1.24             | 0.64  | -0.07 | -0.29 | -0.14 | -0.28 | -1.12 | -2.37 |
| -3.27            | -3.35 | -2.85 | -2.45 | -2.60 | -2.99 | -2.87 | -1.75 |
| -0.06            | 1.25  | 1.63  | 1.54  | 1.89  | 2.78  | 3.27  | 2.41  |
| 0.40             | -1.51 | -2.44 | -2.68 | -2.98 | -3.37 | -3.14 | -1.99 |
| -0.69            | -0.25 | -0.71 | -1.11 | -0.55 | 0.85  | 2.14  | 2.44  |
| 1.57             | 0.10  | -1.04 | -1.20 | -0.65 | -0.44 | -1.38 | -2.99 |
| -3.77            | -2.85 | -1.04 | -0.06 | -0.63 | -1.82 | -2.24 | -1.73 |
| -1.24            | -1.35 | -1.43 | -0.68 | 0.58  | 1.14  | 0.47  | -0.48 |
| -0.42            | 0.69  | 1.56  | 1.07  | -0.54 | -2.15 | -2.99 | -3.13 |
| -3.03            | -2.91 | -2.77 | -2.54 | -2.05 | -1.08 | 0.21  | 1.15  |
| 1.09             | 0.31  | -0.11 | 0.38  | 0.91  | 0.01  | -2.49 | -5.03 |
| -5.87            | -4.97 | -3.79 | -3.49 | -3.74 | -3.46 | -2.36 | -1.07 |
| -0.12            | 0.60  | 1.26  | 1.42  | 0.66  | -0.65 | -1.52 | -1.52 |
| -1.17            | -1.06 | -0.97 | -0.37 | 0.59  | 1.18  | 1.18  | 1.29  |
| 2.06             | 2.82  | 2.41  | 0.87  | -0.37 | -0.15 | 0.92  | 1.23  |
| 0.21             | -1.02 | -1.12 | -0.05 | 1.19  | 1.99  | 2.47  | 2.76  |
| 2.46             | 1.32  | -0.05 | -0.82 | -0.95 | -1.14 | -1.64 | -1.75 |

| UD-jma-9.15m. acc |       |       |       |       |       |       |       |
|-------------------|-------|-------|-------|-------|-------|-------|-------|
| -0.79             | 0.77  | 1.77  | 1.87  | 1.95  | 2.90  | 4.34  | 5.10  |
| 4.66              | 3.62  | 2.69  | 1.83  | 0.67  | -0.56 | -1.13 | -0.74 |
| 0.02              | 0.47  | 0.78  | 1.65  | 3.27  | 4.85  | 5.44  | 4.78  |
| 3.35              | 1.75  | 0.34  | -0.57 | -0.76 | -0.48 | -0.44 | -1.07 |
| -1.77             | -1.46 | 0.06  | 1.65  | 2.01  | 1.29  | 0.84  | 1.42  |
| 2.17              | 1.68  | -0.17 | -1.90 | -2.20 | -1.41 | -0.88 | -1.17 |
| -1.50             | -0.99 | 0.09  | 0.73  | 0.54  | 0.05  | -0.20 | -0.33 |
| -0.62             | -0.89 | -0.74 | -0.34 | -0.28 | -0.68 | -0.86 | -0.31 |
| 0.52              | 0.84  | 0.73  | 0.95  | 1.65  | 1.80  | 0.43  | -1.80 |
| -3.13             | -2.69 | -1.51 | -1.19 | -1.98 | -2.70 | -2.33 | -1.10 |
| 0.06              | 0.66  | 0.89  | 0.94  | 0.65  | -0.02 | -0.70 | -0.98 |
| -0.98             | -1.07 | -1.36 | -1.58 | -1.61 | -1.65 | -1.78 | -1.52 |
| -0.42             | 1.08  | 1.86  | 1.36  | 0.43  | 0.33  | 1.21  | 1.96  |
| 1.69              | 0.90  | 0.83  | 1.71  | 2.31  | 1.44  | -0.50 | -1.82 |
| -1.48             | -0.13 | 0.62  | -0.02 | -1.40 | -2.25 | -1.85 | -0.57 |
| 0.63              | 0.89  | 0.12  | -0.87 | -0.92 | 0.35  | 1.96  | 2.31  |
| 0.85              | -1.27 | -2.46 | -2.40 | -2.16 | -2.63 | -3.31 | -3.07 |
| -1.85             | -0.86 | -1.06 | -1.87 | -1.83 | -0.44 | 1.26  | 1.94  |
| 1.42              | 0.65  | 0.51  | 0.96  | 1.31  | 0.95  | -0.20 | -1.69 |
| -2.70             | -2.62 | -1.60 | -0.66 | -0.74 | -1.56 | -1.83 | -0.73 |
| 0.94              | 1.55  | 0.55  | -0.82 | -0.88 | 0.52  | 1.87  | 1.72  |
| 0.17              | -1.40 | -1.87 | -1.27 | -0.46 | -0.16 | -0.52 | -1.13 |
| -1.46             | -1.20 | -0.56 | -0.10 | -0.15 | -0.37 | -0.14 | 0.66  |
| 1.33              | 1.22  | 0.51  | 0.12  | 0.57  | 1.45  | 1.93  | 1.79  |
| 1.60              | 1.89  | 2.40  | 2.38  | 1.44  | 0.12  | -0.56 | -0.01 |
| 1.36              | 2.43  | 2.33  | 1.30  | 0.60  | 1.32  | 3.26  | 4.94  |
| 4.97              | 3.40  | 1.73  | 1.41  | 2.42  | 3.39  | 2.99  | 1.29  |
| -0.42             | -0.90 | -0.05 | 1.10  | 1.57  | 1.42  | 1.52  | 2.52  |
| 4.01              | 4.92  | 4.67  | 3.73  | 3.11  | 3.23  | 3.58  | 3.41  |
| 2.58              | 1.71  | 1.47  | 1.88  | 2.43  | 2.63  | 2.52  | 2.52  |
| 2.89              | 3.46  | 3.67  | 3.13  | 1.95  | 0.70  | -0.01 | 0.00  |
| 0.33              | 0.47  | 0.31  | 0.19  | 0.49  | 1.07  | 1.37  | 1.02  |
| 0.32              | -0.02 | 0.34  | 0.94  | 0.97  | 0.10  | -1.14 | -1.86 |
| -1.68             | -1.04 | -0.66 | -0.76 | -0.94 | -0.66 | 0.15  | 1.02  |
| 1.41              | 1.14  | 0.44  | -0.26 | -0.64 | -0.69 | -0.69 | -0.87 |
| -1.15             | -1.17 | -0.76 | -0.27 | -0.22 | -0.61 | -0.89 | -0.57 |
| 0.03              | 0.17  | -0.45 | -1.29 | -1.69 | -1.53 | -1.22 | -0.97 |
| -0.51             | 0.39  | 1.43  | 1.98  | 1.80  | 1.25  | 0.80  | 0.47  |
| -0.05             | -0.89 | -1.75 | -2.25 | -2.29 | -1.99 | -1.54 | -1.03 |
| -0.60             | -0.30 | 0.05  | 0.78  | 1.87  | 2.68  | 2.40  | 0.95  |
| -0.77             | -1.72 | -1.65 | -1.22 | -1.15 | -1.53 | -1.93 | -1.95 |
| -1.54             | -0.85 | -0.08 | 0.45  | 0.40  | -0.23 | -0.93 | -1.08 |
| -0.62             | -0.13 | -0.15 | -0.55 | -0.74 | -0.45 | -0.10 | -0.19 |
| -0.59             | -0.77 | -0.51 | -0.26 | -0.55 | -1.34 | -2.14 | -2.63 |
| -2.84             | -2.79 | -2.27 | -1.24 | -0.15 | 0.50  | 0.76  | 1.11  |
| 1.72              | 2.06  | 1.65  | 0.82  | 0.30  | 0.17  | -0.31 | -1.62 |
| -3.08             | -3.50 | -2.62 | -1.52 | -1.28 | -1.65 | -1.47 | -0.23 |
| 1.25              | 1.69  | 0.79  | -0.75 | -2.05 | -2.73 | -2.81 | -2.48 |
| -2.16             | -2.34 | -3.00 | -3.43 | -2.96 | -1.91 | -1.29 | -1.48 |
| -1.68             | -1.02 | 0.11  | 0.41  | -0.65 | -1.98 | -2.05 | -0.75 |
| 0.59              | 0.88  | 0.48  | 0.50  | 1.31  | 2.14  | 2.21  | 1.60  |
| 0.97              | 0.68  | 0.55  | 0.34  | 0.08  | -0.11 | -0.17 | -0.04 |
| 0.48              | 1.33  | 1.98  | 1.86  | 1.21  | 0.99  | 1.76  | 2.81  |
| 2.85              | 1.56  | -0.01 | -0.71 | -0.60 | -0.68 | -1.38 | -1.90 |
| -1.29             | 0.25  | 1.43  | 1.44  | 0.76  | 0.45  | 0.88  | 1.46  |
| 1.55              | 1.08  | 0.37  | -0.28 | -0.66 | -0.53 | 0.07  | 0.57  |
| 0.34              | -0.42 | -0.73 | 0.09  | 1.40  | 1.93  | 1.21  | 0.10  |
| -0.34             | -0.06 | 0.22  | 0.12  | 0.05  | 0.39  | 0.88  | 0.99  |
| 0.74              | 0.64  | 0.90  | 1.09  | 0.76  | 0.14  | -0.16 | 0.06  |
| 0.43              | 0.56  | 0.52  | 0.53  | 0.54  | 0.36  | 0.20  | 0.54  |
| 1.40              | 2.03  | 1.61  | 0.32  | -0.82 | -0.99 | -0.51 | -0.32 |
| -0.84             | -1.45 | -1.27 | -0.16 | 1.15  | 1.83  | 1.66  | 1.10  |
| 0.78              | 1.05  | 1.76  | 2.40  | 2.44  | 1.74  | 0.73  | 0.04  |
| -0.09             | 0.01  | -0.05 | -0.17 | 0.11  | 0.93  | 1.71  | 1.77  |
| 1.17              | 0.71  | 0.98  | 1.57  | 1.54  | 0.68  | -0.16 | -0.08 |
| 0.74              | 1.18  | 0.53  | -0.64 | -1.14 | -0.43 | 0.82  | 1.50  |
| 1.11              | 0.16  | -0.33 | 0.29  | 1.69  | 2.78  | 2.63  | 1.42  |
| 0.43              | 0.86  | 2.55  | 3.96  | 3.77  | 2.21  | 0.84  | 0.79  |
| 1.59              | 1.86  | 0.91  | -0.46 | -0.99 | -0.34 | 0.59  | 0.67  |
| -0.28             | -1.36 | -1.57 | -0.70 | 0.43  | 0.85  | 0.38  | -0.17 |
| 0.13              | 1.22  | 1.89  | 1.03  | -1.04 | -2.76 | -2.93 | -1.96 |
| -1.41             | -2.18 | -3.60 | -4.24 | -3.48 | -2.06 | -1.12 | -0.92 |
| -0.72             | 0.25  | 1.72  | 2.59  | 2.03  | 0.40  | -1.04 | -1.39 |
| -0.94             | -0.82 | -1.72 | -3.19 | -4.07 | -3.68 | -2.46 | -1.40 |
| -1.09             | -1.20 | -1.01 | -0.21 | 0.77  | 1.21  | 0.78  | -0.13 |

| UD-jma-9.15m. acc |       |       |       |       |       |       |       |
|-------------------|-------|-------|-------|-------|-------|-------|-------|
| -0.87             | -1.11 | -1.12 | -1.34 | -1.80 | -2.11 | -1.90 | -1.35 |
| -1.04             | -1.37 | -2.10 | -2.67 | -2.75 | -2.47 | -2.23 | -2.22 |
| -2.27             | -2.06 | -1.53 | -0.93 | -0.62 | -0.64 | -0.65 | -0.33 |
| 0.20              | 0.39  | -0.12 | -1.09 | -1.98 | -2.52 | -2.96 | -3.59 |
| -4.28             | -4.56 | -4.09 | -2.96 | -1.49 | -0.07 | 0.87  | 1.10  |
| 0.79              | 0.51  | 0.67  | 1.01  | 0.77  | -0.39 | -2.01 | -3.25 |
| -3.75             | -3.70 | -3.37 | -2.85 | -2.21 | -1.74 | -1.56 | -1.31 |
| -0.56             | 0.55  | 1.29  | 1.15  | 0.47  | -0.02 | -0.06 | 0.00  |
| -0.11             | -0.14 | 0.13  | 0.38  | 0.06  | -0.69 | -1.14 | -0.84 |
| -0.28             | -0.24 | -0.78 | -1.23 | -1.16 | -0.93 | -1.04 | -1.33 |
| -1.14             | -0.27 | 0.69  | 1.09  | 0.96  | 0.72  | 0.46  | -0.11 |
| -1.09             | -2.04 | -2.51 | -2.64 | -2.93 | -3.48 | -3.74 | -3.18 |
| -1.93             | -0.58 | 0.48  | 1.24  | 1.70  | 1.78  | 1.58  | 1.50  |
| 1.70              | 1.66  | 0.70  | -0.99 | -2.20 | -1.98 | -0.75 | 0.12  |
| -0.03             | -0.51 | -0.24 | 0.86  | 1.85  | 2.02  | 1.64  | 1.37  |
| 1.31              | 1.06  | 0.44  | -0.11 | -0.10 | 0.38  | 0.82  | 0.97  |
| 0.99              | 1.12  | 1.27  | 1.33  | 1.42  | 1.60  | 1.53  | 0.72  |
| -0.64             | -1.56 | -1.26 | -0.14 | 0.64  | 0.59  | 0.49  | 1.27  |
| 2.58              | 3.11  | 2.25  | 0.92  | 0.48  | 1.12  | 1.67  | 1.11  |
| -0.30             | -1.42 | -1.54 | -0.86 | -0.01 | 0.66  | 1.10  | 1.50  |
| 2.08              | 3.00  | 3.94  | 4.13  | 3.18  | 1.73  | 1.01  | 1.38  |
| 1.78              | 1.07  | -0.40 | -1.01 | 0.12  | 1.86  | 2.38  | 1.41  |
| 0.56              | 1.29  | 3.07  | 3.97  | 2.93  | 0.84  | -0.60 | -0.63 |
| 0.23              | 1.00  | 1.16  | 0.77  | 0.19  | -0.02 | 0.51  | 1.50  |
| 2.06              | 1.62  | 0.73  | 0.57  | 1.46  | 2.35  | 2.03  | 0.84  |
| 0.37              | 1.46  | 2.98  | 3.07  | 1.40  | -0.31 | -0.34 | 1.07  |
| 2.09              | 1.47  | -0.19 | -1.35 | -1.25 | -0.35 | 0.44  | 0.60  |
| 0.16              | -0.45 | -0.64 | -0.05 | 0.89  | 1.14  | 0.13  | -1.28 |
| -1.65             | -0.64 | 0.39  | 0.01  | -1.45 | -2.24 | -1.44 | -0.06 |
| 0.30              | -0.53 | -1.19 | -0.66 | 0.50  | 1.07  | 0.71  | 0.21  |
| 0.24              | 0.56  | 0.56  | 0.20  | -0.09 | -0.08 | 0.08  | 0.19  |
| 0.23              | 0.09  | -0.51 | -1.47 | -2.08 | -1.63 | -0.45 | 0.24  |
| -0.26             | -1.22 | -1.19 | 0.21  | 1.82  | 2.22  | 1.32  | 0.27  |
| 0.07              | 0.57  | 0.97  | 0.85  | 0.40  | -0.13 | -0.76 | -1.46 |
| -1.84             | -1.54 | -0.70 | 0.06  | 0.33  | 0.15  | -0.17 | -0.40 |
| -0.39             | 0.08  | 1.00  | 1.78  | 1.65  | 0.54  | -0.62 | -0.80 |
| -0.04             | 0.51  | -0.03 | -1.19 | -1.68 | -0.96 | 0.17  | 0.53  |
| 0.01              | -0.46 | -0.11 | 0.75  | 1.34  | 1.41  | 1.40  | 1.62  |
| 1.74              | 1.33  | 0.50  | -0.26 | -0.73 | -1.13 | -1.60 | -1.88 |
| -1.74             | -1.39 | -1.27 | -1.42 | -1.46 | -1.22 | -0.97 | -0.92 |
| -0.83             | -0.39 | 0.10  | -0.08 | -1.01 | -1.82 | -1.61 | -0.62 |
| -0.01             | -0.51 | -1.59 | -2.17 | -1.85 | -1.13 | -0.65 | -0.52 |
| -0.60             | -0.85 | -1.19 | -1.33 | -0.99 | -0.43 | -0.23 | -0.60 |
| -1.05             | -1.03 | -0.67 | -0.59 | -1.01 | -1.48 | -1.50 | -1.23 |
| -1.19             | -1.60 | -2.11 | -2.33 | -2.28 | -2.25 | -2.29 | -2.18 |
| -1.70             | -0.96 | -0.23 | 0.30  | 0.55  | 0.51  | 0.27  | 0.01  |
| -0.08             | -0.01 | 0.01  | -0.22 | -0.58 | -0.76 | -0.63 | -0.40 |
| -0.36             | -0.50 | -0.47 | -0.01 | 0.60  | 0.84  | 0.46  | -0.17 |
| -0.44             | -0.17 | 0.24  | 0.27  | -0.22 | -0.85 | -1.10 | -0.77 |
| -0.11             | 0.38  | 0.38  | -0.02 | -0.36 | -0.22 | 0.29  | 0.66  |
| 0.50              | 0.00  | -0.28 | -0.05 | 0.40  | 0.61  | 0.52  | 0.47  |
| 0.71              | 1.11  | 1.39  | 1.47  | 1.47  | 1.37  | 1.03  | 0.49  |
| 0.09              | 0.12  | 0.47  | 0.72  | 0.60  | 0.31  | 0.20  | 0.43  |
| 0.86              | 1.22  | 1.34  | 1.17  | 0.83  | 0.60  | 0.67  | 0.94  |
| 1.01              | 0.63  | 0.03  | -0.29 | -0.04 | 0.55  | 1.02  | 1.10  |
| 0.80              | 0.33  | -0.10 | -0.33 | -0.31 | -0.23 | -0.38 | -0.85 |
| -1.33             | -1.33 | -0.73 | 0.08  | 0.60  | 0.62  | 0.38  | 0.19  |
| 0.19              | 0.32  | 0.42  | 0.31  | -0.12 | -0.77 | -1.28 | -1.32 |
| -0.92             | -0.42 | -0.19 | -0.17 | -0.10 | 0.20  | 0.54  | 0.63  |
| 0.42              | 0.13  | -0.03 | -0.06 | -0.08 | -0.16 | -0.21 | -0.20 |
| -0.16             | -0.18 | -0.22 | -0.18 | 0.02  | 0.29  | 0.41  | 0.27  |
| -0.08             | -0.42 | -0.53 | -0.35 | -0.06 | 0.09  | -0.02 | -0.20 |
| -0.07             | 0.50  | 1.18  | 1.42  | 1.01  | 0.36  | 0.09  | 0.38  |
| 0.75              | 0.63  | -0.06 | -0.76 | -0.91 | -0.48 | 0.06  | 0.30  |
| 0.27              | 0.22  | 0.35  | 0.57  | 0.72  | 0.73  | 0.59  | 0.34  |
| 0.08              | -0.11 | -0.22 | -0.35 | -0.52 | -0.62 | -0.48 | -0.18 |
| 0.02              | -0.06 | -0.22 | -0.16 | 0.14  | 0.36  | 0.27  | -0.02 |
| -0.14             | 0.03  | 0.25  | 0.20  | -0.08 | -0.31 | -0.26 | 0.00  |
| 0.22              | 0.25  | 0.10  | -0.12 | -0.30 | -0.32 | -0.21 | -0.07 |
| -0.09             | -0.24 | -0.32 | -0.16 | 0.15  | 0.31  | 0.18  | -0.09 |
| -0.20             | -0.06 | 0.12  | 0.12  | -0.07 | -0.24 | -0.26 | -0.20 |
| -0.17             | -0.21 | -0.25 | -0.25 | -0.22 | -0.17 | -0.09 | 0.01  |
| 0.06              | 0.02  | -0.06 | -0.08 | -0.03 | 0.01  | -0.02 | -0.11 |
| -0.13             | -0.08 | -0.02 | -0.03 | -0.08 | -0.08 | 0.01  | 0.08  |
| 0.07              | 0.02  | 0.02  | 0.09  | 0.16  | 0.17  | 0.11  | 0.06  |

[illegible]











|      |      |      |      |                  |      |      |      |
|------|------|------|------|------------------|------|------|------|
| 0.01 | 0.01 | 0.01 | 0.01 | UD-jma-9.15m.acc |      |      |      |
| 0.01 | 0.01 | 0.01 | 0.01 | 0.01             | 0.01 | 0.01 | 0.01 |
|      |      |      |      | 0.01             | 0.01 | 0.01 | 0.01 |