

# Severe Discrepancy

## Minnesota Regression Table

**Minnesota Regression Table**  
Correlation between Ability and Achievement Tests ( $r_{xy}$ )

| Ability Score               | Correlation |     |     |     |     |     |     |     |     |     |     |
|-----------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                             | .32         | .37 | .42 | .47 | .52 | .57 | .62 | .67 | .72 | .77 | .82 |
| Achievement Standard Scores |             |     |     |     |     |     |     |     |     |     |     |
| 75                          | 67          | 66  | 66  | 65  | 65  | 64  | 64  | 64  | 64  | 64  | 64  |
| 76                          | 67          | 67  | 67  | 66  | 66  | 65  | 65  | 65  | 64  | 65  | 65  |
| 77                          | 68          | 67  | 67  | 66  | 66  | 65  | 65  | 65  | 65  | 66  | 66  |
| 78                          | 68          | 67  | 67  | 66  | 66  | 66  | 66  | 66  | 66  | 66  | 66  |
| 79                          | 68          | 68  | 67  | 67  | 67  | 66  | 66  | 66  | 67  | 67  | 68  |
| 80                          | 69          | 69  | 68  | 68  | 67  | 67  | 67  | 67  | 67  | 68  | 69  |
| 81                          | 69          | 69  | 68  | 68  | 68  | 68  | 68  | 68  | 68  | 69  | 69  |
| 82                          | 69          | 69  | 69  | 68  | 68  | 68  | 68  | 68  | 69  | 69  | 70  |
| 83                          | 70          | 69  | 69  | 69  | 69  | 69  | 69  | 69  | 70  | 70  | 71  |
| 84                          | 70          | 70  | 69  | 69  | 69  | 69  | 69  | 70  | 70  | 71  | 72  |
| 85                          | 70          | 70  | 70  | 70  | 70  | 70  | 70  | 70  | 71  | 72  | 73  |
| 86                          | 71          | 70  | 70  | 70  | 70  | 70  | 71  | 71  | 72  | 72  | 73  |
| 87                          | 71          | 70  | 71  | 71  | 71  | 71  | 71  | 72  | 72  | 73  | 74  |
| 88                          | 71          | 70  | 71  | 71  | 71  | 72  | 72  | 72  | 73  | 74  | 75  |
| 89                          | 72          | 72  | 72  | 72  | 72  | 72  | 73  | 73  | 74  | 75  | 76  |
| 90                          | 72          | 72  | 72  | 72  | 72  | 73  | 73  | 74  | 75  | 76  | 77  |
| 91                          | 72          | 72  | 72  | 73  | 73  | 73  | 74  | 74  | 75  | 76  | 78  |
| 92                          | 73          | 73  | 73  | 73  | 73  | 74  | 74  | 75  | 76  | 77  | 78  |
| 93                          | 73          | 73  | 73  | 74  | 74  | 74  | 75  | 76  | 77  | 78  | 89  |
| 94                          | 73          | 73  | 74  | 74  | 74  | 75  | 76  | 76  | 77  | 79  | 80  |
| 95                          | 74          | 74  | 74  | 74  | 75  | 76  | 76  | 77  | 78  | 79  | 81  |
| 96                          | 74          | 74  | 74  | 75  | 75  | 76  | 77  | 78  | 79  | 80  | 82  |
| 97                          | 74          | 75  | 75  | 75  | 76  | 77  | 78  | 79  | 80  | 81  | 83  |
| 98                          | 74          | 75  | 75  | 76  | 77  | 77  | 78  | 79  | 80  | 82  | 83  |
| 99                          | 75          | 75  | 76  | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 84  |
| 100                         | 75          | 76  | 76  | 77  | 78  | 78  | 79  | 81  | 82  | 83  | 85  |
| 101                         | 75          | 76  | 77  | 77  | 78  | 79  | 80  | 81  | 83  | 84  | 86  |
| 102                         | 76          | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 85  | 87  |
| 103                         | 76          | 77  | 77  | 78  | 79  | 80  | 81  | 83  | 84  | 86  | 87  |
| 104                         | 76          | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 85  | 86  | 88  |
| 105                         | 77          | 77  | 78  | 79  | 80  | 81  | 83  | 84  | 85  | 87  | 89  |
| 106                         | 77          | 78  | 79  | 80  | 81  | 82  | 83  | 85  | 86  | 88  | 90  |
| 107                         | 77          | 78  | 79  | 80  | 81  | 82  | 84  | 85  | 87  | 89  | 91  |
| 108                         | 78          | 79  | 80  | 81  | 82  | 83  | 84  | 86  | 88  | 89  | 92  |
| 109                         | 78          | 79  | 80  | 81  | 82  | 84  | 85  | 87  | 88  | 90  | 92  |
| 110                         | 78          | 79  | 80  | 82  | 83  | 84  | 86  | 87  | 89  | 91  | 93  |
| 111                         | 79          | 80  | 81  | 82  | 83  | 85  | 86  | 88  | 90  | 92  | 94  |
| 112                         | 79          | 80  | 81  | 82  | 83  | 85  | 86  | 88  | 90  | 92  | 94  |
| 113                         | 79          | 80  | 82  | 83  | 84  | 86  | 87  | 89  | 91  | 93  | 96  |
| 114                         | 80          | 81  | 82  | 83  | 85  | 86  | 88  | 90  | 92  | 94  | 96  |
| 115                         | 80          | 81  | 82  | 84  | 85  | 87  | 89  | 91  | 93  | 95  | 97  |
| 116                         | 80          | 82  | 83  | 84  | 86  | 88  | 89  | 91  | 93  | 96  | 98  |
| 117                         | 81          | 82  | 83  | 85  | 86  | 88  | 90  | 92  | 94  | 96  | 99  |
| 118                         | 81          | 82  | 84  | 85  | 87  | 89  | 91  | 93  | 95  | 97  | 100 |