

Performance (STRESS values) for small colour difference data (SCD)

iimp=418, WI=WITT colour difference pairs %

| ia      | d_rangeLAB  | LABmin,max,mean | STRESS    | CMCmin,max,mean | STRESS    | C94min,max,mean | STRESS    | C00min,max,mean | STRESS    | C85min,max,mean | STRESS      |
|---------|-------------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-------------|
| 418 418 | 0.0 to <99  | 0.11 10.62      | 1.86 51.7 | 0.08 4.7        | 1.25 39.5 | 0.08 3.72       | 1.07 31.6 | 0.08 3.75       | 1.09 33.7 | 0.55 29.71      | 6.85 55.1 % |
| 418 400 | 0.0 to <5.0 | 0.11 4.94       | 1.67 51.9 | 0.08 4.7        | 1.19 38.8 | 0.08 3.72       | 1.02 31.9 | 0.08 3.75       | 1.04 33.8 | 0.55 29.71      | 6.63 55.7 % |
| 418 38  | 0.0 to <0.5 | 0.11 0.49       | 0.36 51.4 | 0.08 0.72       | 0.32 33.8 | 0.08 0.47       | 0.28 29.1 | 0.08 0.62       | 0.29 22.7 | 0.55 4.44       | 2.0 52.4 %  |
| 418 88  | 0.5 to <1.0 | 0.51 0.99       | 0.74 57.7 | 0.27 1.53       | 0.64 37.8 | 0.23 0.99       | 0.55 33.1 | 0.23 1.42       | 0.58 30.3 | 0.79 8.71       | 3.56 55.4 % |
| 418 91  | 1.0 to <1.5 | 1.01 1.49       | 1.26 57.7 | 0.42 2.15       | 1.06 37.7 | 0.34 1.49       | 0.91 32.9 | 0.34 1.86       | 0.92 30.2 | 1.45 13.86      | 6.02 55.2 % |
| 418 57  | 1.5 to <2.0 | 1.51 1.99       | 1.74 56.4 | 0.78 2.77       | 1.44 34.9 | 0.62 1.92       | 1.26 28.5 | 0.63 2.82       | 1.3 23.6  | 2.34 15.67      | 8.34 53.6 % |
| 418 126 | 2.0 to <5.0 | 2.03 4.94       | 2.98 56.8 | 0.83 4.7        | 1.83 42.0 | 0.66 3.72       | 1.55 34.0 | 0.66 3.75       | 1.55 32.6 | 2.8 29.71       | 9.83 58.3 % |
| 418 17  | 5.0 to <10  | 5.03 8.75       | 5.89 43.7 | 2.02 3.38       | 2.55 29.0 | 1.69 2.66       | 2.14 28.8 | 1.63 2.83       | 2.17 24.8 | 6.98 26.87      | 11.5 41.5 % |
| 418 1   | 10 to <15   | 10.62 10.62     | 10.62 0.1 | 4.07 4.07       | 4.07 0.1  | 3.18 3.18       | 3.18 0.1  | 3.43 3.43       | 3.43 0.1  | 14.9 14.9       | 14.9 0.1 %  |
| 418 0   | 15 to <20 % |                 |           |                 |           |                 |           |                 |           |                 |             |
| 418 0   | 20 to <25 % |                 |           |                 |           |                 |           |                 |           |                 |             |
| 418 0   | 25 to <30 % |                 |           |                 |           |                 |           |                 |           |                 |             |
| 418 0   | 30 to <99 % |                 |           |                 |           |                 |           |                 |           |                 |             |

iimp=418, WI=WITT colour difference pairs %

| ia      | d_rangeC00   | LABmin,max,mean | STRESS    | CMCmin,max,mean | STRESS    | C94min,max,mean | STRESS    | C00min,max,mean | STRESS    | C85min,max,mean | STRESS       |
|---------|--------------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|--------------|
| 418 418 | 0.0 to <99   | 0.11 10.62      | 1.86 51.7 | 0.08 4.7        | 1.25 39.5 | 0.08 3.72       | 1.07 31.6 | 0.08 3.75       | 1.09 33.7 | 0.55 29.71      | 6.85 55.1 %  |
| 418 418 | 0.0 to <5.0  | 0.11 10.62      | 1.86 51.7 | 0.08 4.7        | 1.25 39.5 | 0.08 3.72       | 1.07 31.6 | 0.08 3.75       | 1.09 33.7 | 0.55 29.71      | 6.85 55.1 %  |
| 418 83  | 0.0 to <0.5  | 0.11 1.21       | 0.58 58.6 | 0.08 0.69       | 0.37 38.5 | 0.08 0.54       | 0.34 33.1 | 0.08 0.49       | 0.33 30.4 | 0.55 6.24       | 2.51 52.7 %  |
| 418 123 | 0.5 to <1.0  | 0.44 3.69       | 1.26 56.7 | 0.42 1.5        | 0.84 41.9 | 0.44 1.34       | 0.75 33.8 | 0.5 0.99        | 0.74 32.4 | 1.08 12.7       | 4.99 57.8 %  |
| 418 107 | 1.0 to <1.5  | 0.76 4.45       | 2.09 57.2 | 0.84 2.38       | 1.41 41.2 | 0.75 2.1        | 1.22 32.8 | 1.0 1.49        | 1.22 30.9 | 1.83 17.41      | 8.11 53.4 %  |
| 418 69  | 1.5 to <2.0  | 1.17 5.72       | 2.98 59.4 | 1.2 2.96        | 2.01 38.8 | 1.15 2.94       | 1.7 32.4  | 1.5 1.99        | 1.71 29.4 | 2.47 25.7       | 10.36 51.9 % |
| 418 36  | 2.0 to <5.0  | 1.54 10.62      | 4.08 50.8 | 1.69 4.7        | 2.8 34.4  | 1.52 3.72       | 2.26 29.4 | 2.0 3.75        | 2.43 23.1 | 3.82 29.71      | 12.7 52.7 %  |
| 418 0   | 5.0 to <10 % |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 0   | 10 to <15 %  |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 0   | 15 to <20 %  |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 0   | 20 to <25 %  |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 0   | 25 to <30 %  |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 0   | 30 to <99 %  |                 |           |                 |           |                 |           |                 |           |                 |              |

iimp=418, WI=WITT colour difference pairs %

| ia      | d_rangeC85    | LABmin,max,mean | STRESS    | CMCmin,max,mean | STRESS    | C94min,max,mean | STRESS    | C00min,max,mean | STRESS    | C85min,max,mean | STRESS       |
|---------|---------------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|--------------|
| 418 418 | 0.0 to <99    | 0.11 10.62      | 1.86 51.7 | 0.08 4.7        | 1.25 39.5 | 0.08 3.72       | 1.07 31.6 | 0.08 3.75       | 1.09 33.7 | 0.55 29.71      | 6.85 55.1 %  |
| 418 189 | 0.0 to <5.0   | 0.11 4.39       | 1.11 54.5 | 0.08 2.75       | 0.83 40.0 | 0.08 1.88       | 0.64 33.2 | 0.08 2.82       | 0.7 32.9  | 0.55 4.97       | 2.91 57.9 %  |
| 418 0   | 0.0 to <0.5 % |                 |           |                 |           |                 |           |                 |           |                 |              |
| 418 8   | 0.5 to <1.0   | 0.11 0.56       | 0.31 12.6 | 0.08 0.3        | 0.2 12.3  | 0.08 0.24       | 0.17 12.3 | 0.08 0.27       | 0.19 11.0 | 0.55 0.88       | 0.76 11.1 %  |
| 418 18  | 1.0 to <1.5   | 0.23 1.03       | 0.61 45.8 | 0.13 0.82       | 0.42 30.1 | 0.13 0.52       | 0.33 29.9 | 0.13 0.78       | 0.37 25.6 | 1.08 1.49       | 1.34 43.6 %  |
| 418 20  | 1.5 to <2.0   | 0.24 1.12       | 0.72 49.3 | 0.2 1.43        | 0.62 30.4 | 0.19 0.92       | 0.45 30.3 | 0.17 1.35       | 0.55 25.5 | 1.5 1.99        | 1.72 46.9 %  |
| 418 143 | 2.0 to <5.0   | 0.21 4.39       | 1.27 56.7 | 0.19 2.75       | 0.95 42.1 | 0.19 1.88       | 0.73 34.6 | 0.17 2.82       | 0.79 33.9 | 2.0 4.97        | 3.39 59.5 %  |
| 418 132 | 5.0 to <10    | 0.59 6.68       | 2.3 57.1  | 0.43 4.51       | 1.54 42.4 | 0.49 2.51       | 1.24 34.6 | 0.45 3.75       | 1.27 33.7 | 5.01 9.74       | 7.03 59.5 %  |
| 418 71  | 10 to <15     | 1.08 10.62      | 2.54 59.8 | 0.78 4.7        | 1.58 39.3 | 0.95 3.31       | 1.54 33.2 | 0.81 3.43       | 1.47 30.5 | 10.0 14.94      | 12.38 51.8 % |
| 418 16  | 15 to <20     | 1.84 7.51       | 3.27 41.4 | 1.22 3.2        | 1.92 27.3 | 1.39 2.52       | 1.93 27.1 | 1.36 2.61       | 1.8 23.2  | 15.0 19.58      | 16.71 39.2 % |
| 418 6   | 20 to <25     | 2.12 4.25       | 2.95 14.2 | 1.69 2.23       | 1.87 13.9 | 1.86 2.94       | 2.28 13.9 | 1.56 2.28       | 2.02 12.9 | 20.36 23.8      | 21.7 13.2 %  |
| 418 4   | 25 to <30     | 2.64 5.67       | 3.92 12.3 | 2.14 2.96       | 2.45 12.1 | 2.34 3.72       | 2.85 12.1 | 1.96 2.73       | 2.46 11.5 | 25.7 29.71      | 27.26 11.4 % |
| 418 0   | 30 to <99 %   |                 |           |                 |           |                 |           |                 |           |                 |              |

## Performance (STRESS values) for small colour difference data (SCD)

iimp=312, RD=RIT\_DUPONT colour difference pairs %

| ia      | d_rangeLAB    | LABmin,max,mean | STRESS    | CMCmin,max,mean     | STRESS              | C94min,max,mean     | STRESS                 | C00min,max,mean | STRESS | C85min,max,mean | STRESS |
|---------|---------------|-----------------|-----------|---------------------|---------------------|---------------------|------------------------|-----------------|--------|-----------------|--------|
| 312 312 | 0.0 to <99    | 0.77 4.4        | 1.43 33.4 | 0.57 2.47 1.18 31.7 | 0.56 1.76 1.01 20.3 | 0.61 1.96 0.99 20.5 | 1.67 16.22 7.07 38.3 % |                 |        |                 |        |
| 312 312 | 0.0 to <5.0   | 0.77 4.4        | 1.43 33.4 | 0.57 2.47 1.18 31.7 | 0.56 1.76 1.01 20.3 | 0.61 1.96 0.99 20.5 | 1.67 16.22 7.07 38.3 % |                 |        |                 |        |
| 312 0   | 0.0 to <0.5 % |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 48  | 0.5 to <1.0   | 0.77 0.99       | 0.92 32.3 | 0.57 1.5 0.89 27.3  | 0.64 0.97 0.84 16.8 | 0.63 1.25 0.86 19.1 | 1.87 10.99 6.82 38.3 % |                 |        |                 |        |
| 312 148 | 1.0 to <1.5   | 1.0 1.49        | 1.23 30.5 | 0.66 2.37 1.15 32.3 | 0.56 1.34 0.97 19.7 | 0.61 1.54 0.96 21.3 | 1.67 12.42 6.88 38.3 % |                 |        |                 |        |
| 312 84  | 1.5 to <2.0   | 1.5 1.94        | 1.67 30.5 | 0.86 2.47 1.33 27.3 | 0.75 1.76 1.1 16.4  | 0.75 1.96 1.04 18.8 | 2.97 15.16 7.52 38.5 % |                 |        |                 |        |
| 312 32  | 2.0 to <5.0   | 2.0 4.4         | 2.54 37.3 | 1.01 1.87 1.33 29.4 | 0.76 1.65 1.18 19.3 | 0.76 1.74 1.17 21.7 | 2.62 16.22 7.17 39.3 % |                 |        |                 |        |
| 312 0   | 5.0 to <10 %  |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 10 to <15 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 15 to <20 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 20 to <25 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 25 to <30 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 30 to <99 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |

iimp=312, RD=RIT\_DUPONT colour difference pairs %

| ia      | d_rangeC00    | LABmin,max,mean | STRESS    | CMCmin,max,mean     | STRESS              | C94min,max,mean     | STRESS                 | C00min,max,mean | STRESS | C85min,max,mean | STRESS |
|---------|---------------|-----------------|-----------|---------------------|---------------------|---------------------|------------------------|-----------------|--------|-----------------|--------|
| 312 312 | 0.0 to <99    | 0.77 4.4        | 1.43 33.4 | 0.57 2.47 1.18 31.7 | 0.56 1.76 1.01 20.3 | 0.61 1.96 0.99 20.5 | 1.67 16.22 7.07 38.3 % |                 |        |                 |        |
| 312 312 | 0.0 to <5.0   | 0.77 4.4        | 1.43 33.4 | 0.57 2.47 1.18 31.7 | 0.56 1.76 1.01 20.3 | 0.61 1.96 0.99 20.5 | 1.67 16.22 7.07 38.3 % |                 |        |                 |        |
| 312 0   | 0.0 to <0.5 % |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 176 | 0.5 to <1.0   | 0.77 2.38       | 1.27 33.9 | 0.57 2.37 1.0 32.0  | 0.56 1.3 0.91 20.7  | 0.61 0.99 0.85 21.2 | 2.01 12.38 7.2 38.5 %  |                 |        |                 |        |
| 312 128 | 1.0 to <1.5   | 0.79 4.4        | 1.59 31.4 | 0.84 2.47 1.37 31.9 | 0.78 1.65 1.11 18.2 | 1.0 1.49 1.13 19.2  | 1.67 15.16 6.7 37.6 %  |                 |        |                 |        |
| 312 8   | 1.5 to <2.0   | 1.35 3.64       | 2.6 45.5  | 1.72 2.45 1.97 33.9 | 1.34 1.76 1.59 31.8 | 1.54 1.96 1.7 33.9  | 5.48 16.22 10.1 44.0 % |                 |        |                 |        |
| 312 0   | 2.0 to <5.0 % |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 5.0 to <10 %  |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 10 to <15 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 15 to <20 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 20 to <25 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 25 to <30 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |
| 312 0   | 30 to <99 %   |                 |           |                     |                     |                     |                        |                 |        |                 |        |

iimp=312, RD=RIT\_DUPONT colour difference pairs %

| ia      | d_rangeC85    | LABmin,max,mean | STRESS    | CMCmin,max,mean     | STRESS              | C94min,max,mean     | STRESS                   | C00min,max,mean | STRESS | C85min,max,mean | STRESS |
|---------|---------------|-----------------|-----------|---------------------|---------------------|---------------------|--------------------------|-----------------|--------|-----------------|--------|
| 312 312 | 0.0 to <99    | 0.77 4.4        | 1.43 33.4 | 0.57 2.47 1.18 31.7 | 0.56 1.76 1.01 20.3 | 0.61 1.96 0.99 20.5 | 1.67 16.22 7.07 38.3 %   |                 |        |                 |        |
| 312 87  | 0.0 to <5.0   | 0.79 4.4        | 1.56 30.3 | 0.66 1.74 1.22 29.4 | 0.56 1.18 0.9 16.5  | 0.61 1.49 1.01 18.8 | 1.67 4.98 3.59 38.5 %    |                 |        |                 |        |
| 312 0   | 0.0 to <0.5 % |                 |           |                     |                     |                     |                          |                 |        |                 |        |
| 312 0   | 0.5 to <1.0 % |                 |           |                     |                     |                     |                          |                 |        |                 |        |
| 312 0   | 1.0 to <1.5 % |                 |           |                     |                     |                     |                          |                 |        |                 |        |
| 312 4   | 1.5 to <2.0   | 0.86 1.02       | 0.94 19.7 | 1.18 1.49 1.34 18.9 | 0.82 1.0 0.92 19.6  | 1.19 1.49 1.35 21.3 | 1.67 1.89 1.78 41.2 %    |                 |        |                 |        |
| 312 83  | 2.0 to <5.0   | 0.79 4.4        | 1.59 30.6 | 0.66 1.74 1.22 27.4 | 0.56 1.18 0.9 16.5  | 0.61 1.48 1.0 18.9  | 2.01 4.98 3.68 38.7 %    |                 |        |                 |        |
| 312 171 | 5.0 to <10    | 0.77 3.64       | 1.33 33.7 | 0.57 2.47 1.11 31.8 | 0.57 1.76 0.99 20.8 | 0.63 1.96 0.95 21.3 | 5.04 9.93 7.39 38.6 %    |                 |        |                 |        |
| 312 50  | 10 to <15     | 0.93 2.87       | 1.49 32.1 | 0.8 2.42 1.32 27.1  | 0.93 1.65 1.22 16.6 | 0.72 1.74 1.03 19.0 | 10.05 13.01 11.35 37.7 % |                 |        |                 |        |
| 312 4   | 15 to <20     | 1.73 3.21       | 2.47 19.7 | 1.37 1.87 1.61 18.9 | 1.21 1.6 1.4 19.6   | 1.08 1.7 1.36 21.3  | 15.06 16.22 15.63 41.2 % |                 |        |                 |        |
| 312 0   | 20 to <25 %   |                 |           |                     |                     |                     |                          |                 |        |                 |        |
| 312 0   | 25 to <30 %   |                 |           |                     |                     |                     |                          |                 |        |                 |        |
| 312 0   | 30 to <99 %   |                 |           |                     |                     |                     |                          |                 |        |                 |        |

Performance (STRESS values) for small colour difference data (SCD)

iimp=307, LE=LEEDS colour difference pairs %

| ia  | d_rangeLAB | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |      |       |       |      |   |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|------|-------|-------|------|---|
| 307 | 307        | 0.0 to <99      | 0.39   | 4.73            | 1.63   | 40.0            | 0.36   | 2.94            | 1.25   | 28.3            | 0.32   | 2.91 | 1.19 | 30.4 | 0.3  | 2.73 | 1.12 | 21.4 | 2.17 | 27.92 | 9.59  | 45.1 | % |
| 307 | 307        | 0.0 to <5.0     | 0.39   | 4.73            | 1.63   | 40.0            | 0.36   | 2.94            | 1.25   | 28.3            | 0.32   | 2.91 | 1.19 | 30.4 | 0.3  | 2.73 | 1.12 | 21.4 | 2.17 | 27.92 | 9.59  | 45.1 | % |
| 307 | 3          | 0.0 to <0.5     | 0.39   | 0.42            | 0.4    | 36.3            | 0.36   | 0.4             | 0.37   | 28.9            | 0.32   | 0.4  | 0.37 | 35.2 | 0.3  | 0.39 | 0.34 | 27.2 | 2.52 | 3.61  | 2.89  | 37.5 | % |
| 307 | 49         | 0.5 to <1.0     | 0.52   | 0.99            | 0.81   | 44.7            | 0.36   | 1.47            | 0.85   | 41.8            | 0.4    | 0.96 | 0.77 | 29.2 | 0.39 | 1.41 | 0.8  | 26.7 | 2.61 | 10.7  | 6.15  | 36.1 | % |
| 307 | 89         | 1.0 to <1.5     | 1.0    | 1.49            | 1.25   | 44.9            | 0.59   | 2.1             | 1.23   | 36.4            | 0.48   | 1.48 | 1.07 | 27.8 | 0.5  | 1.77 | 1.03 | 24.5 | 2.17 | 16.99 | 8.22  | 39.6 | % |
| 307 | 91         | 1.5 to <2.0     | 1.5    | 1.99            | 1.75   | 45.5            | 0.82   | 2.19            | 1.28   | 36.3            | 0.69   | 1.96 | 1.32 | 28.5 | 0.68 | 1.8  | 1.19 | 24.7 | 2.59 | 21.69 | 10.61 | 40.3 | % |
| 307 | 75         | 2.0 to <5.0     | 2.0    | 4.73            | 2.51   | 45.8            | 0.96   | 2.94            | 1.52   | 39.0            | 0.77   | 2.91 | 1.49 | 28.7 | 0.76 | 2.73 | 1.37 | 26.0 | 3.32 | 27.92 | 12.52 | 38.4 | % |
| 307 | 0          | 5.0 to <10      | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |
| 307 | 0          | 10 to <15       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |
| 307 | 0          | 15 to <20       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |
| 307 | 0          | 20 to <25       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |
| 307 | 0          | 25 to <30       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |
| 307 | 0          | 30 to <99       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |

iimp=307, LE=LEEDS colour difference pairs %

| ia  | d_rangeC00 | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |       |       |       |      |   |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|-------|-------|-------|------|---|
| 307 | 307        | 0.0 to <99      | 0.39   | 4.73            | 1.63   | 40.0            | 0.36   | 2.94            | 1.25   | 28.3            | 0.32   | 2.91 | 1.19 | 30.4 | 0.3  | 2.73 | 1.12 | 21.4 | 2.17  | 27.92 | 9.59  | 45.1 | % |
| 307 | 307        | 0.0 to <5.0     | 0.39   | 4.73            | 1.63   | 40.0            | 0.36   | 2.94            | 1.25   | 28.3            | 0.32   | 2.91 | 1.19 | 30.4 | 0.3  | 2.73 | 1.12 | 21.4 | 2.17  | 27.92 | 9.59  | 45.1 | % |
| 307 | 10         | 0.0 to <0.5     | 0.39   | 0.67            | 0.53   | 32.6            | 0.36   | 0.53            | 0.4    | 28.1            | 0.32   | 0.67 | 0.47 | 36.5 | 0.3  | 0.49 | 0.42 | 27.0 | 2.52  | 5.35  | 4.11  | 32.2 | % |
| 307 | 115        | 0.5 to <1.0     | 0.52   | 2.5             | 1.37   | 43.9            | 0.45   | 1.84            | 1.01   | 33.3            | 0.48   | 1.54 | 0.87 | 26.4 | 0.5  | 0.99 | 0.84 | 23.9 | 2.17  | 13.33 | 6.68  | 41.9 | % |
| 307 | 144        | 1.0 to <1.5     | 0.85   | 3.67            | 1.69   | 42.8            | 0.79   | 2.31            | 1.34   | 32.7            | 0.84   | 2.22 | 1.29 | 26.9 | 1.01 | 1.49 | 1.2  | 23.0 | 2.59  | 21.69 | 9.77  | 45.5 | % |
| 307 | 31         | 1.5 to <2.0     | 1.25   | 3.42            | 2.22   | 49.3            | 1.21   | 2.77            | 1.68   | 37.3            | 1.22   | 2.91 | 1.95 | 33.8 | 1.51 | 1.99 | 1.72 | 29.2 | 4.98  | 27.92 | 18.63 | 36.8 | % |
| 307 | 7          | 2.0 to <5.0     | 2.47   | 4.73            | 3.6    | 33.7            | 1.84   | 2.94            | 2.36   | 31.9            | 1.93   | 2.67 | 2.27 | 34.3 | 2.12 | 2.73 | 2.36 | 24.5 | 18.04 | 25.38 | 21.8  | 28.6 | % |
| 307 | 0          | 5.0 to <10      | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 10 to <15       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 15 to <20       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 20 to <25       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 25 to <30       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 30 to <99       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |

iimp=307, LE=LEEDS colour difference pairs %

| ia  | d_rangeC85 | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |       |       |       |      |   |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|-------|-------|-------|------|---|
| 307 | 307        | 0.0 to <99      | 0.39   | 4.73            | 1.63   | 40.0            | 0.36   | 2.94            | 1.25   | 28.3            | 0.32   | 2.91 | 1.19 | 30.4 | 0.3  | 2.73 | 1.12 | 21.4 | 2.17  | 27.92 | 9.59  | 45.1 | % |
| 307 | 86         | 0.0 to <5.0     | 0.39   | 2.5             | 1.39   | 45.3            | 0.36   | 2.31            | 1.2    | 36.9            | 0.32   | 1.24 | 0.88 | 27.7 | 0.3  | 1.65 | 0.94 | 25.0 | 2.17  | 4.98  | 3.94  | 37.8 | % |
| 307 | 0          | 0.0 to <0.5     | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 0.5 to <1.0     | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 1.0 to <1.5     | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 0          | 1.5 to <2.0     | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |
| 307 | 86         | 2.0 to <5.0     | 0.39   | 2.5             | 1.39   | 45.3            | 0.36   | 2.31            | 1.2    | 36.9            | 0.32   | 1.24 | 0.88 | 27.7 | 0.3  | 1.65 | 0.94 | 25.0 | 2.17  | 4.98  | 3.94  | 37.8 | % |
| 307 | 94         | 5.0 to <10      | 0.52   | 3.67            | 1.49   | 46.0            | 0.42   | 2.11            | 1.14   | 36.6            | 0.51   | 1.44 | 0.97 | 28.4 | 0.48 | 1.77 | 0.97 | 24.5 | 5.06  | 9.95  | 7.0   | 40.6 | % |
| 307 | 68         | 10 to <15       | 0.92   | 2.94            | 1.6    | 46.8            | 0.78   | 1.79            | 1.08   | 39.9            | 0.84   | 2.03 | 1.29 | 28.2 | 0.77 | 1.64 | 1.1  | 26.4 | 10.11 | 14.84 | 12.29 | 38.6 | % |
| 307 | 42         | 15 to <20       | 1.34   | 3.66            | 1.98   | 47.8            | 1.17   | 2.29            | 1.48   | 44.9            | 1.16   | 2.22 | 1.7  | 30.5 | 1.02 | 2.12 | 1.47 | 27.4 | 15.19 | 19.83 | 17.06 | 36.5 | % |
| 307 | 12         | 20 to <25       | 1.89   | 4.73            | 2.85   | 36.8            | 1.56   | 2.94            | 2.03   | 33.6            | 1.89   | 2.91 | 2.36 | 34.1 | 1.46 | 2.73 | 2.02 | 26.7 | 20.64 | 24.28 | 21.85 | 33.4 | % |
| 307 | 5          | 25 to <30       | 2.38   | 3.21            | 2.58   | 34.4            | 1.99   | 2.77            | 2.46   | 24.8            | 1.97   | 2.47 | 2.33 | 37.0 | 1.82 | 2.46 | 1.97 | 26.7 | 25.38 | 27.92 | 26.78 | 35.4 | % |
| 307 | 0          | 30 to <99       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |

## Performance (STRESS values) for small colour difference data (SCD)

iimp=2776, BF=BFD\_ALL colour difference pairs %

| ia        | d_rangeLAB  | LABmin,max,mean   | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean   | STRESS |
|-----------|-------------|-------------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-------------------|--------|
| 2776 2776 | 0.0 to <99  | 0.03 18.2 3.0     | 42.4   | 0.02 12.81 2.09 | 32.6   | 0.02 10.82 1.8  | 33.7   | 0.02 11.44 1.79 | 31.0   | 0.15 97.82 12.25  | 52.9 % |
| 2776 2325 | 0.0 to <5.0 | 0.03 4.99 2.14    | 42.5   | 0.02 6.36 1.63  | 32.6   | 0.02 4.96 1.4   | 33.6   | 0.02 5.73 1.4   | 31.0   | 0.15 53.93 9.38   | 52.8 % |
| 2776 253  | 0.0 to <0.5 | 0.03 0.49 0.32    | 43.9   | 0.02 0.73 0.26  | 32.0   | 0.02 0.48 0.23  | 23.6   | 0.02 0.67 0.23  | 21.6   | 0.15 4.9 1.76     | 37.3 % |
| 2776 293  | 0.5 to <1.0 | 0.5 0.99 0.72     | 46.6   | 0.2 1.82 0.62   | 34.1   | 0.17 0.96 0.52  | 27.1   | 0.17 1.35 0.54  | 27.3   | 0.88 10.56 3.6    | 49.3 % |
| 2776 266  | 1.0 to <1.5 | 1.0 1.49 1.26     | 47.1   | 0.49 2.62 1.17  | 34.0   | 0.31 1.45 0.93  | 27.3   | 0.34 2.02 1.01  | 27.8   | 1.33 15.49 5.64   | 49.2 % |
| 2776 342  | 1.5 to <2.0 | 1.5 1.99 1.75     | 47.8   | 0.49 3.49 1.47  | 34.1   | 0.33 1.98 1.22  | 26.9   | 0.35 2.58 1.26  | 26.8   | 0.96 19.76 7.52   | 48.9 % |
| 2776 1171 | 2.0 to <5.0 | 2.0 4.99 3.2      | 40.9   | 0.64 6.36 2.33  | 30.6   | 0.47 4.96 2.02  | 27.4   | 0.44 5.73 2.0   | 22.0   | 1.63 53.93 13.86  | 53.6 % |
| 2776 389  | 5.0 to <10  | 5.0 9.91 6.65     | 47.0   | 1.62 9.42 4.1   | 34.2   | 1.07 9.24 3.6   | 26.2   | 1.09 9.22 3.49  | 26.4   | 3.14 97.82 26.12  | 47.7 % |
| 2776 53   | 10 to <15   | 10.05 14.69 11.63 | 37.0   | 3.62 8.98 6.17  | 21.3   | 2.61 8.56 5.34  | 21.9   | 2.65 10.14 5.26 | 19.4   | 8.39 85.01 32.41  | 29.8 % |
| 2776 9    | 15 to <20   | 15.11 18.2 16.53  | 20.3   | 5.69 12.81 8.89 | 16.4   | 4.41 10.82 7.41 | 16.8   | 4.85 11.44 7.44 | 15.5   | 24.84 49.61 35.36 | 19.3 % |
| 2776 0    | 20 to <25 % |                   |        |                 |        |                 |        |                 |        |                   |        |
| 2776 0    | 25 to <30 % |                   |        |                 |        |                 |        |                 |        |                   |        |
| 2776 0    | 30 to <99 % |                   |        |                 |        |                 |        |                 |        |                   |        |

iimp=2776, BF=BFD\_ALL colour difference pairs %

| ia        | d_rangeC00  | LABmin,max,mean | STRESS | CMCmin,max,mean  | STRESS | C94min,max,mean | STRESS | C00min,max,mean   | STRESS | C85min,max,mean   | STRESS |
|-----------|-------------|-----------------|--------|------------------|--------|-----------------|--------|-------------------|--------|-------------------|--------|
| 2776 2776 | 0.0 to <99  | 0.03 18.2 3.0   | 42.4   | 0.02 12.81 2.09  | 32.6   | 0.02 10.82 1.8  | 33.7   | 0.02 11.44 1.79   | 31.0   | 0.15 97.82 12.25  | 52.9 % |
| 2776 2705 | 0.0 to <5.0 | 0.03 16.07 2.81 | 42.4   | 0.02 7.86 1.96   | 32.6   | 0.02 6.2 1.68   | 33.7   | 0.02 4.99 1.67    | 31.0   | 0.15 62.44 11.32  | 52.9 % |
| 2776 412  | 0.0 to <0.5 | 0.03 2.09 0.47  | 47.1   | 0.02 1.17 0.33   | 34.2   | 0.02 0.68 0.29  | 26.6   | 0.02 0.49 0.28    | 26.5   | 0.15 7.41 2.17    | 47.8 % |
| 2776 395  | 0.5 to <1.0 | 0.35 3.77 1.34  | 46.9   | 0.4 2.62 0.9     | 34.1   | 0.35 1.34 0.75  | 26.2   | 0.5 0.99 0.75     | 26.3   | 1.01 13.87 5.04   | 47.7 % |
| 2776 579  | 1.0 to <1.5 | 0.81 6.06 2.24  | 39.6   | 0.8 3.49 1.5     | 27.6   | 0.68 2.22 1.24  | 25.4   | 1.0 1.49 1.25     | 22.6   | 2.17 24.07 7.53   | 47.2 % |
| 2776 436  | 1.5 to <2.0 | 1.1 7.84 2.9    | 47.3   | 1.2 4.4 2.04     | 33.6   | 1.03 3.02 1.7   | 28.2   | 1.5 1.99 1.72     | 26.2   | 2.44 25.76 10.75  | 51.4 % |
| 2776 883  | 2.0 to <5.0 | 1.42 16.07 4.89 | 40.3   | 1.56 7.86 3.46   | 28.2   | 1.41 6.2 3.01   | 26.3   | 2.0 4.99 2.97     | 22.4   | 3.64 62.44 21.16  | 48.3 % |
| 2776 68   | 5.0 to <10  | 3.61 18.15 9.97 | 39.6   | 4.23 9.82 6.64   | 24.3   | 3.51 9.39 6.35  | 22.8   | 5.0 9.22 6.16     | 21.6   | 7.24 97.82 47.77  | 30.1 % |
| 2776 3    | 10 to <15   | 12.4 18.2 15.78 | 19.3   | 8.92 12.81 11.18 | 19.3   | 8.17 10.82 9.66 | 19.7   | 10.14 11.44 10.75 | 19.0   | 39.09 50.15 45.35 | 22.4 % |
| 2776 0    | 15 to <20 % |                 |        |                  |        |                 |        |                   |        |                   |        |
| 2776 0    | 20 to <25 % |                 |        |                  |        |                 |        |                   |        |                   |        |
| 2776 0    | 25 to <30 % |                 |        |                  |        |                 |        |                   |        |                   |        |
| 2776 0    | 30 to <99 % |                 |        |                  |        |                 |        |                   |        |                   |        |

iimp=2776, BF=BFD\_ALL colour difference pairs %

| ia        | d_rangeC85  | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean   | STRESS |
|-----------|-------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-------------------|--------|
| 2776 2776 | 0.0 to <99  | 0.03 18.2 3.0   | 42.4   | 0.02 12.81 2.09 | 32.6   | 0.02 10.82 1.8  | 33.7   | 0.02 11.44 1.79 | 31.0   | 0.15 97.82 12.25  | 52.9 % |
| 2776 851  | 0.0 to <5.0 | 0.03 6.06 1.09  | 40.2   | 0.02 2.97 0.79  | 27.8   | 0.02 2.08 0.62  | 26.4   | 0.02 3.05 0.67  | 22.5   | 0.15 4.99 2.89    | 47.4 % |
| 2776 12   | 0.0 to <0.5 | 0.03 0.33 0.14  | 22.1   | 0.02 0.32 0.11  | 16.3   | 0.02 0.21 0.08  | 15.1   | 0.02 0.31 0.1   | 15.8   | 0.15 0.48 0.34    | 20.2 % |
| 2776 53   | 0.5 to <1.0 | 0.05 1.5 0.3    | 37.0   | 0.04 0.49 0.2   | 21.3   | 0.05 0.33 0.16  | 21.9   | 0.05 0.38 0.18  | 19.4   | 0.5 0.99 0.78     | 29.8 % |
| 2776 92   | 1.0 to <1.5 | 0.11 1.72 0.41  | 37.7   | 0.07 0.78 0.29  | 23.3   | 0.1 0.54 0.24   | 21.6   | 0.1 0.76 0.26   | 20.5   | 1.01 1.48 1.24    | 30.1 % |
| 2776 82   | 1.5 to <2.0 | 0.17 2.57 0.57  | 38.5   | 0.12 1.03 0.4   | 23.8   | 0.15 0.66 0.32  | 21.7   | 0.15 0.92 0.34  | 20.8   | 1.5 1.98 1.76     | 29.4 % |
| 2776 612  | 2.0 to <5.0 | 0.19 6.06 1.35  | 38.6   | 0.16 2.97 0.98  | 26.6   | 0.16 2.08 0.76  | 25.3   | 0.14 3.05 0.83  | 22.1   | 2.0 4.99 3.53     | 44.8 % |
| 2776 799  | 5.0 to <10  | 0.55 12.92 2.66 | 40.2   | 0.4 5.64 1.9    | 27.9   | 0.47 3.84 1.46  | 26.4   | 0.45 5.73 1.56  | 22.6   | 5.0 9.99 7.23     | 46.7 % |
| 2776 392  | 10 to <15   | 0.93 14.39 3.87 | 47.0   | 0.8 7.68 2.6    | 34.1   | 0.9 5.19 2.06   | 26.2   | 0.72 5.34 2.09  | 26.4   | 10.01 14.99 12.19 | 47.7 % |
| 2776 225  | 15 to <20   | 1.45 13.66 4.0  | 41.9   | 1.09 8.72 2.81  | 31.9   | 1.16 6.95 2.38  | 21.1   | 1.07 6.04 2.34  | 19.3   | 15.0 19.98 17.33  | 33.2 % |
| 2776 152  | 20 to <25   | 2.0 17.75 4.47  | 40.8   | 1.53 9.82 3.04  | 28.9   | 1.62 9.33 2.82  | 21.3   | 1.48 7.98 2.66  | 20.1   | 20.03 24.97 22.43 | 33.2 % |
| 2776 103  | 25 to <30   | 2.45 16.17 5.21 | 38.2   | 1.91 8.89 3.54  | 23.2   | 2.31 6.6 3.36   | 21.8   | 1.98 6.94 3.13  | 20.2   | 25.01 29.94 27.17 | 31.0 % |
| 2776 254  | 30 to <99   | 2.64 18.2 6.44  | 44.4   | 2.23 12.81 4.44 | 32.2   | 2.39 10.82 4.68 | 24.0   | 2.0 11.44 4.23  | 22.1   | 30.06 97.82 42.8  | 39.6 % |

## Performance (STRESS values) for small colour difference data (SCD)

iimp=446, SS=BIGC\_SSG colour difference pairs %

| ia  | d_rangeLAB | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |      |       |       |      |   |  |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|------|-------|-------|------|---|--|
| 446 | 446        | 0.0 to <99      | 0.17   | 7.97            | 3.03   | 42.1            | 0.12   | 7.99            | 2.05   | 33.2            | 0.1    | 5.47 | 1.63 | 28.7 | 0.11 | 6.61 | 1.69 | 28.8 | 0.87 | 33.72 | 9.84  | 45.8 | % |  |
| 446 | 385        | 0.0 to <5.0     | 0.17   | 4.96            | 2.57   | 42.2            | 0.12   | 7.41            | 1.83   | 34.3            | 0.1    | 4.86 | 1.46 | 29.1 | 0.11 | 4.84 | 1.49 | 29.3 | 0.87 | 33.72 | 8.88  | 46.4 | % |  |
| 446 | 7          | 0.0 to <0.5     | 0.17   | 0.48            | 0.38   | 33.5            | 0.12   | 0.66            | 0.3    | 37.4            | 0.1    | 0.48 | 0.28 | 33.9 | 0.11 | 0.63 | 0.3  | 34.5 | 0.87 | 4.06  | 2.21  | 35.9 | % |  |
| 446 | 30         | 0.5 to <1.0     | 0.57   | 0.96            | 0.79   | 32.1            | 0.31   | 1.41            | 0.62   | 36.6            | 0.28   | 0.94 | 0.58 | 33.4 | 0.26 | 1.06 | 0.59 | 33.1 | 1.43 | 9.9   | 4.44  | 34.9 | % |  |
| 446 | 41         | 1.0 to <1.5     | 1.0    | 1.49            | 1.26   | 31.1            | 0.5    | 2.23            | 1.02   | 35.4            | 0.41   | 1.47 | 0.8  | 31.9 | 0.41 | 2.15 | 0.86 | 31.2 | 2.42 | 10.68 | 4.31  | 36.0 | % |  |
| 446 | 52         | 1.5 to <2.0     | 1.5    | 1.99            | 1.74   | 29.5            | 0.71   | 2.85            | 1.27   | 34.7            | 0.6    | 1.92 | 1.12 | 29.7 | 0.58 | 1.85 | 1.09 | 29.2 | 2.44 | 19.61 | 7.77  | 34.7 | % |  |
| 446 | 255        | 2.0 to <5.0     | 2.0    | 4.96            | 3.22   | 45.8            | 0.78   | 7.41            | 2.25   | 33.3            | 0.58   | 4.86 | 1.76 | 27.9 | 0.6  | 4.84 | 1.82 | 28.5 | 2.09 | 33.72 | 10.55 | 40.4 | % |  |
| 446 | 61         | 5.0 to <10      | 5.0    | 7.97            | 5.93   | 30.1            | 1.76   | 7.99            | 3.44   | 34.3            | 1.26   | 5.47 | 2.73 | 28.7 | 1.32 | 6.61 | 2.92 | 28.5 | 4.83 | 31.68 | 15.93 | 35.4 | % |  |
| 446 | 0          | 10 to <15       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |  |
| 446 | 0          | 15 to <20       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |  |
| 446 | 0          | 20 to <25       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |  |
| 446 | 0          | 25 to <30       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |  |
| 446 | 0          | 30 to <99       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |      |       |       |      |   |  |

iimp=446, SS=BIGC\_SSG colour difference pairs %

| ia  | d_rangeC00 | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |       |       |       |      |   |  |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|-------|-------|-------|------|---|--|
| 446 | 446        | 0.0 to <99      | 0.17   | 7.97            | 3.03   | 42.1            | 0.12   | 7.99            | 2.05   | 33.2            | 0.1    | 5.47 | 1.63 | 28.7 | 0.11 | 6.61 | 1.69 | 28.8 | 0.87  | 33.72 | 9.84  | 45.8 | % |  |
| 446 | 443        | 0.0 to <5.0     | 0.17   | 7.97            | 3.01   | 42.1            | 0.12   | 7.41            | 2.02   | 33.1            | 0.1    | 5.47 | 1.61 | 28.5 | 0.11 | 4.94 | 1.66 | 28.6 | 0.87  | 33.72 | 9.79  | 45.8 | % |  |
| 446 | 22         | 0.0 to <0.5     | 0.17   | 1.35            | 0.71   | 35.9            | 0.12   | 0.61            | 0.4    | 39.4            | 0.1    | 0.66 | 0.37 | 35.9 | 0.11 | 0.49 | 0.37 | 36.7 | 0.87  | 4.76  | 2.67  | 38.8 | % |  |
| 446 | 83         | 0.5 to <1.0     | 0.48   | 3.2             | 1.58   | 39.8            | 0.51   | 1.44            | 0.93   | 34.6            | 0.47   | 1.13 | 0.79 | 28.3 | 0.53 | 0.99 | 0.79 | 28.5 | 2.09  | 11.33 | 5.14  | 35.1 | % |  |
| 446 | 120        | 1.0 to <1.5     | 0.83   | 5.15            | 2.5    | 49.2            | 0.94   | 2.21            | 1.47   | 32.5            | 0.82   | 2.14 | 1.28 | 27.8 | 1.0  | 1.49 | 1.24 | 28.2 | 2.58  | 19.61 | 8.3   | 37.9 | % |  |
| 446 | 85         | 1.5 to <2.0     | 1.67   | 6.65            | 3.38   | 40.5            | 1.32   | 3.1             | 2.12   | 33.6            | 1.32   | 2.17 | 1.7  | 27.8 | 1.5  | 1.99 | 1.74 | 27.7 | 4.05  | 30.48 | 11.02 | 34.1 | % |  |
| 446 | 133        | 2.0 to <5.0     | 1.49   | 7.97            | 4.5    | 50.0            | 1.89   | 7.41            | 3.39   | 32.0            | 1.47   | 5.47 | 2.56 | 27.6 | 2.0  | 4.94 | 2.74 | 28.0 | 3.33  | 33.72 | 14.42 | 37.7 | % |  |
| 446 | 3          | 5.0 to <10      | 5.35   | 7.13            | 6.19   | 19.6            | 5.0    | 7.99            | 6.33   | 16.0            | 4.0    | 5.27 | 4.69 | 10.7 | 5.2  | 6.61 | 6.0  | 11.4 | 15.15 | 20.68 | 18.09 | 8.2  | % |  |
| 446 | 0          | 10 to <15       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |
| 446 | 0          | 15 to <20       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |
| 446 | 0          | 20 to <25       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |
| 446 | 0          | 25 to <30       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |
| 446 | 0          | 30 to <99       | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |

iimp=446, SS=BIGC\_SSG colour difference pairs %

| ia  | d_rangeC85 | LABmin,max,mean | STRESS | CMCmin,max,mean | STRESS | C94min,max,mean | STRESS | C00min,max,mean | STRESS | C85min,max,mean | STRESS |      |      |      |      |      |      |      |       |       |       |      |   |  |
|-----|------------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|------|------|------|------|------|------|------|-------|-------|-------|------|---|--|
| 446 | 446        | 0.0 to <99      | 0.17   | 7.97            | 3.03   | 42.1            | 0.12   | 7.99            | 2.05   | 33.2            | 0.1    | 5.47 | 1.63 | 28.7 | 0.11 | 6.61 | 1.69 | 28.8 | 0.87  | 33.72 | 9.84  | 45.8 | % |  |
| 446 | 90         | 0.0 to <5.0     | 0.17   | 5.15            | 1.44   | 43.4            | 0.12   | 2.23            | 1.02   | 32.0            | 0.1    | 1.58 | 0.75 | 26.5 | 0.11 | 2.15 | 0.82 | 27.1 | 0.87  | 4.95  | 3.43  | 33.1 | % |  |
| 446 | 0          | 0.0 to <0.5     | %      |                 |        |                 |        |                 |        |                 |        |      |      |      |      |      |      |      |       |       |       |      |   |  |
| 446 | 1          | 0.5 to <1.0     | 0.41   | 0.41            | 0.41   | 0.1             | 0.19   | 0.19            | 0.19   | 0.1             | 0.14   | 0.14 | 0.14 | 0.1  | 0.14 | 0.14 | 0.14 | 0.1  | 0.87  | 0.87  | 0.87  | 0.1  | % |  |
| 446 | 3          | 1.0 to <1.5     | 0.17   | 0.84            | 0.6    | 19.6            | 0.12   | 0.51            | 0.36   | 16.0            | 0.1    | 0.42 | 0.29 | 10.7 | 0.11 | 0.46 | 0.32 | 11.4 | 1.02  | 1.49  | 1.31  | 8.2  | % |  |
| 446 | 3          | 1.5 to <2.0     | 0.43   | 0.81            | 0.68   | 19.6            | 0.22   | 0.61            | 0.38   | 16.0            | 0.24   | 0.39 | 0.3  | 10.7 | 0.22 | 0.48 | 0.32 | 11.4 | 1.62  | 1.86  | 1.78  | 8.2  | % |  |
| 446 | 83         | 2.0 to <5.0     | 0.27   | 5.15            | 1.51   | 39.8            | 0.21   | 2.23            | 1.08   | 34.6            | 0.22   | 1.58 | 0.79 | 28.3 | 0.23 | 2.15 | 0.86 | 28.5 | 2.09  | 4.95  | 3.6   | 35.1 | % |  |
| 446 | 173        | 5.0 to <10      | 0.65   | 7.27            | 2.97   | 47.6            | 0.53   | 4.35            | 1.89   | 34.7            | 0.51   | 2.53 | 1.42 | 28.7 | 0.53 | 2.99 | 1.49 | 29.6 | 5.08  | 9.97  | 7.29  | 40.7 | % |  |
| 446 | 111        | 10 to <15       | 1.45   | 7.94            | 3.37   | 48.7            | 0.94   | 5.81            | 2.41   | 32.7            | 0.78   | 3.88 | 1.98 | 28.0 | 0.78 | 4.71 | 2.0  | 28.1 | 10.01 | 14.89 | 12.0  | 37.8 | % |  |
| 446 | 43         | 15 to <20       | 1.63   | 7.13            | 3.99   | 31.1            | 1.23   | 7.99            | 2.89   | 35.5            | 1.14   | 5.27 | 2.45 | 31.8 | 1.02 | 6.61 | 2.57 | 31.2 | 15.02 | 19.97 | 17.08 | 36.1 | % |  |
| 446 | 15         | 20 to <25       | 2.7    | 7.89            | 5.26   | 36.5            | 2.22   | 5.0             | 3.44   | 41.1            | 2.18   | 4.0  | 3.05 | 36.2 | 2.1  | 5.2  | 3.13 | 36.9 | 20.0  | 24.64 | 22.62 | 36.3 | % |  |
| 446 | 8          | 25 to <30       | 3.65   | 6.72            | 5.92   | 31.0            | 2.07   | 4.54            | 3.82   | 33.7            | 1.95   | 4.6  | 3.22 | 30.6 | 1.77 | 4.14 | 3.27 | 31.1 | 25.24 | 29.74 | 28.12 | 33.8 | % |  |
| 446 | 6          | 30 to <99       | 4.37   | 7.97            | 5.96   | 36.1            | 2.32   | 5.37            | 3.3    | 41.6            | 2.11   | 5.47 | 2.96 | 37.5 | 1.97 | 4.94 | 2.77 | 38.2 | 30.48 | 33.72 | 31.52 | 35.6 | % |  |