

| Normalized HV with two objectives | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|
| Case 1 | | | | Case 2 | | | Case 3 | | | Case 4 | | | Case 5 | | | DE | | |
| | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean |
| DTLZ1 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 |
| DTLZ2 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 |
| DTLZ3 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.99 | 0.98 |
| DTLZ4 | 0.84 | 0.78 | 0.76 | 0.72 | 0.78 | 0.74 | 0.82 | 0.78 | 0.68 | 0.92 | 0.86 | 0.74 | 0.96 | 0.84 | 0.76 | 0.98 | 0.99 | 0.99 |
| DTLZ5 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| DTLZ6 | 0.71 | 0.71 | 0.72 | 0.81 | 0.95 | 0.85 | 0.72 | 0.71 | 0.71 | 0.95 | 0.96 | 0.95 | 0.97 | 0.97 | 0.97 | 0.99 | 1.00 | 0.99 |
| DTLZ7 | 0.99 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.92 | 0.99 | 0.71 | 0.99 | 0.99 | 1.00 | 0.80 | 0.99 | 1.00 | 0.96 | 0.99 | 1.00 |
| UF1 | 0.90 | 0.97 | 0.93 | 0.91 | 0.95 | 0.93 | 0.92 | 0.98 | 0.93 | 0.94 | 0.98 | 0.94 | 0.97 | 1.00 | 0.99 | 0.97 | 0.97 | 0.97 |
| UF2 | 0.94 | 0.98 | 0.97 | 0.96 | 0.97 | 0.97 | 0.95 | 0.99 | 0.98 | 0.97 | 0.99 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |
| UF3 | 0.70 | 0.79 | 0.72 | 0.69 | 0.79 | 0.71 | 0.79 | 0.92 | 0.90 | 0.70 | 0.81 | 0.72 | 0.93 | 0.96 | 0.95 | 0.83 | 0.84 | 0.87 |
| UF4 | 0.97 | 0.96 | 0.97 | 0.96 | 0.96 | 0.97 | 0.97 | 0.96 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.96 | 0.97 | 0.97 | 0.97 | 0.97 |
| UF5 | 0.38 | 0.49 | 0.51 | 0.37 | 0.51 | 0.51 | 0.44 | 0.57 | 0.54 | 0.45 | 0.64 | 0.62 | 0.46 | 0.57 | 0.53 | 0.45 | 0.81 | 0.80 |
| UF6 | 0.71 | 0.78 | 0.77 | 0.70 | 0.79 | 0.76 | 0.70 | 0.81 | 0.75 | 0.69 | 0.78 | 0.77 | 0.64 | 0.79 | 0.75 | 0.70 | 0.85 | 0.83 |
| UF7 | 0.74 | 0.88 | 0.79 | 0.76 | 0.85 | 0.81 | 0.69 | 0.83 | 0.75 | 0.78 | 0.88 | 0.88 | 0.72 | 0.96 | 0.85 | 0.86 | 0.98 | 0.96 |
| WFG1 | 0.81 | 0.86 | 0.75 | 0.93 | 0.88 | 0.87 | 0.84 | 0.86 | 0.75 | 0.99 | 0.98 | 0.98 | 0.96 | 0.98 | 0.95 | 0.96 | 0.91 | 0.86 |
| WFG2 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.97 | 0.96 | 0.97 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 | 1.00 | 1.00 |
| WFG3 | 0.99 | 0.98 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 |
| WFG4 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 |
| WFG5 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 | 0.85 |
| WFG6 | 0.87 | 0.86 | 0.87 | 0.87 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 | 0.89 | 0.88 | 0.89 | 0.92 | 0.92 | 0.92 | 0.90 | 0.91 | 0.92 |
| WFG7 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.99 |
| WFG8 | 0.78 | 0.75 | 0.78 | 0.78 | 0.75 | 0.78 | 0.80 | 0.78 | 0.81 | 0.78 | 0.75 | 0.78 | 0.95 | 0.78 | 0.81 | 0.79 | 0.78 | 0.80 |
| WFG9 | 0.89 | 0.79 | 0.89 | 0.89 | 0.81 | 0.89 | 0.91 | 0.89 | 0.93 | 0.89 | 0.80 | 0.87 | 0.96 | 0.96 | 0.97 | 0.76 | 0.73 | 0.74 |
| Average | 0.87 | 0.88 | 0.88 | 0.87 | 0.90 | 0.89 | 0.87 | 0.90 | 0.87 | 0.90 | 0.91 | 0.91 | 0.91 | 0.93 | 0.92 | 0.91 | 0.94 | 0.93 |

| Normalized HV with three objectives | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|
| Case 1 | | | | Case 2 | | | Case 3 | | | Case 4 | | | Case 5 | | | DE | | |
| | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean |
| DTLZ1 | 0.99 | 0.99 | 1.00 | 0.98 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.98 | 0.99 | 1.00 |
| DTLZ2 | 0.89 | 0.89 | 0.95 | 0.89 | 0.88 | 0.95 | 0.89 | 0.88 | 0.95 | 0.89 | 0.89 | 0.95 | 0.89 | 0.88 | 0.95 | 0.88 | 0.90 | 0.95 |
| DTLZ3 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 0.99 | 0.93 |
| DTLZ4 | 0.73 | 0.89 | 0.71 | 0.63 | 0.88 | 0.72 | 0.77 | 0.87 | 0.76 | 0.87 | 0.90 | 0.83 | 0.82 | 0.89 | 0.82 | 0.88 | 0.90 | 0.95 |
| DTLZ5 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 |
| DTLZ6 | 0.87 | 0.95 | 0.92 | 0.92 | 1.00 | 0.95 | 0.88 | 0.95 | 0.92 | 0.96 | 0.97 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 | 1.00 | 0.99 |
| DTLZ7 | 0.89 | 0.91 | 0.87 | 0.90 | 0.89 | 0.88 | 0.78 | 0.85 | 0.61 | 0.90 | 0.91 | 0.89 | 0.89 | 0.91 | 0.90 | 0.85 | 0.93 | 0.90 |
| UF10 | 0.52 | 0.72 | 0.68 | 0.62 | 0.70 | 0.65 | 0.52 | 0.71 | 0.62 | 0.55 | 0.75 | 0.71 | 0.49 | 0.63 | 0.51 | 0.63 | 0.66 | 0.82 |
| UF8 | 0.90 | 0.85 | 0.91 | 0.87 | 0.81 | 0.86 | 0.83 | 0.91 | 0.91 | 0.91 | 0.84 | 0.89 | 0.82 | 0.87 | 0.85 | 0.93 | 0.78 | 0.84 |
| UF9 | 0.90 | 0.94 | 0.99 | 0.89 | 0.96 | 0.99 | 0.94 | 0.99 | 0.99 | 0.92 | 0.93 | 0.99 | 0.94 | 0.95 | 0.97 | 0.96 | 0.88 | 1.01 |
| WFG1 | 0.93 | 0.93 | 0.93 | 0.81 | 0.45 | 0.93 | 0.93 | 0.93 | 0.93 | 0.95 | 0.93 | 0.99 | 0.94 | 0.93 | 0.98 | 0.71 | 0.95 | 0.91 |
| WFG2 | 0.86 | 0.91 | 0.90 | 0.85 | 0.91 | 0.90 | 0.87 | 0.91 | 0.91 | 0.88 | 0.96 | 0.98 | 0.92 | 0.96 | 0.99 | 0.95 | 0.97 | 0.99 |
| WFG3 | 0.99 | 0.98 | 0.99 | 0.98 | 0.97 | 0.99 | 0.99 | 0.98 | 0.99 | 0.99 | 0.97 | 1.00 | 0.99 | 0.98 | 1.00 | 0.99 | 0.97 | 1.00 |
| WFG4 | 0.81 | 0.83 | 0.92 | 0.81 | 0.81 | 0.92 | 0.81 | 0.82 | 0.92 | 0.81 | 0.83 | 0.92 | 0.81 | 0.83 | 0.92 | 0.80 | 0.75 | 0.92 |
| WFG5 | 0.73 | 0.76 | 0.84 | 0.73 | 0.75 | 0.84 | 0.73 | 0.76 | 0.84 | 0.73 | 0.77 | 0.84 | 0.73 | 0.76 | 0.84 | 0.73 | 0.76 | 0.84 |
| WFG6 | 0.75 | 0.75 | 0.85 | 0.74 | 0.74 | 0.85 | 0.75 | 0.76 | 0.86 | 0.75 | 0.76 | 0.86 | 0.76 | 0.79 | 0.88 | 0.71 | 0.76 | 0.88 |
| WFG7 | 0.82 | 0.83 | 0.92 | 0.82 | 0.83 | 0.92 | 0.82 | 0.83 | 0.92 | 0.82 | 0.83 | 0.92 | 0.82 | 0.83 | 0.92 | 0.82 | 0.78 | 0.92 |
| WFG8 | 0.70 | 0.65 | 0.79 | 0.70 | 0.64 | 0.79 | 0.72 | 0.63 | 0.80 | 0.70 | 0.66 | 0.79 | 0.80 | 0.65 | 0.80 | 0.71 | 0.60 | 0.79 |
| WFG9 | 0.74 | 0.68 | 0.84 | 0.76 | 0.72 | 0.86 | 0.75 | 0.67 | 0.88 | 0.75 | 0.68 | 0.84 | 0.79 | 0.66 | 0.87 | 0.67 | 0.66 | 0.74 |
| Average | 0.84 | 0.87 | 0.90 | 0.84 | 0.84 | 0.89 | 0.84 | 0.87 | 0.88 | 0.86 | 0.87 | 0.91 | 0.86 | 0.87 | 0.90 | 0.85 | 0.85 | 0.91 |

| IGD+ with two objectives | | | | | | | | | | | | | | | | | | |
|--------------------------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|
| Case 1 | | | | Case 2 | | | Case 3 | | | Case 4 | | | Case 5 | | | DE | | |
| | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean |
| DTLZ1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DTLZ2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DTLZ3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 |
| DTLZ4 | 0.07 | 0.11 | 0.12 | 0.14 | 0.11 | 0.13 | 0.08 | 0.11 | 0.16 | 0.03 | 0.06 | 0.13 | 0.01 | 0.07 | 0.12 | 0.00 | 0.00 | 0.00 |
| DTLZ5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DTLZ6 | 0.98 | 0.99 | 0.96 | 0.69 | 0.24 | 0.58 | 0.96 | 0.99 | 1.00 | 0.22 | 0.20 | 0.22 | 0.14 | 0.12 | 0.14 | 0.02 | 0.02 | 0.02 |
| DTLZ7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| UF1 | 0.06 | 0.03 | 0.06 | 0.04 | 0.04 | 0.06 | 0.04 | 0.02 | 0.06 | 0.02 | 0.02 | 0.04 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 |
| UF2 | 0.04 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 |
| UF3 | 0.21 | 0.13 | 0.18 | 0.21 | 0.13 | 0.19 | 0.17 | 0.07 | 0.07 | 0.21 | 0.10 | 0.18 | 0.07 | 0.06 | 0.06 | 0.09 | 0.19 | 0.13 |
| UF4 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| UF5 | 0.72 | 0.58 | 0.53 | 0.74 | 0.55 | 0.53 | 0.64 | 0.49 | 0.51 | 0.63 | 0.39 | 0.39 | 0.63 | 0.49 | 0.52 | 0.62 | 0.22 | 0.22 |
| UF6 | 0.31 | 0.23 | 0.23 | 0.31 | 0.21 | 0.25 | 0.34 | 0.21 | 0.27 | 0.32 | 0.23 | 0.23 | 0.45 | 0.26 | 0.31 | 0.31 | 0.15 | 0.17 |
| UF7 | 0.23 | 0.10 | 0.19 | 0.22 | 0.14 | 0.17 | 0.28 | 0.15 | 0.24 | 0.20 | 0.11 | 0.12 | 0.27 | 0.04 | 0.14 | 0.13 | 0.03 | 0.05 |
| WFG1 | 0.21 | 0.15 | 0.29 | 0.08 | 0.13 | 0.14 | 0.18 | 0.15 | 0.28 | 0.01 | 0.02 | 0.02 | 0.04 | 0.02 | 0.05 | 0.04 | 0.09 | 0.15 |
| WFG2 | 0.06 | 0.05 | 0.06 | 0.06 | 0.05 | 0.05 | 0.06 | 0.05 | 0.06 | 0.07 | 0.05 | 0.05 | 0.06 | 0.05 | 0.05 | 0.04 | 0.00 | 0.00 |
| WFG3 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| WFG4 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 |
| WFG5 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| WFG6 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| WFG7 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 |
| WFG8 | 0.11 | 0.12 | 0.11 | 0.11 | 0.12 | 0.11 | 0.10 | 0.11 | 0.09 | 0.11 | 0.12 | 0.11 | 0.03 | 0.10 | 0.09 | 0.10 | 0.11 | 0.10 |
| WFG9 | 0.05 | 0.10 | 0.05 | 0.05 | 0.09 | 0.05 | 0.04 | 0.05 | 0.03 | 0.05 | 0.09 | 0.06 | 0.02 | 0.01 | 0.01 | 0.11 | 0.13 | 0.12 |
| Average | 0.14 | 0.12 | 0.13 | 0.12 | 0.09 | 0.11 | 0.14 | 0.11 | 0.14 | 0.09 | 0.07 | 0.08 | 0.09 | 0.06 | 0.07 | 0.07 | 0.05 | 0.05 |

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| Case 1 | | | | Case 2 | | | Case 3 | | | Case 4 | | | Case 5 | | | DE | | |
| | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA | MOEA/D | NSGA-II | SMS-EMOA |
| | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean | Mean |
| DTLZ1 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 |
| DTLZ2 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| DTLZ3 | 0.03 | 0.03 | 0.02 | 0.03 | 0.04 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 | 0.03 | 0.06 | 1.07 |
| DTLZ4 | 0.14 | 0.03 | 0.16 | 0.20 | 0.03 | 0.17 | 0.11 | 0.05 | 0.13 | 0.03 | 0.03 | 0.10 | 0.06 | 0.03 | 0.09 | 0.03 | 0.03 | 0.02 |
| DTLZ5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DTLZ6 | 0.67 | 0.27 | 0.51 | 0.45 | 0.01 | 0.32 | 0.63 | 0.27 | 0.51 | 0.21 | 0.19 | 0.23 | 0.14 | 0.10 | 0.15 | 0.06 | 0.01 | 0.06 |
| DTLZ7 | 0.06 | 0.04 | 0.08 | 0.04 | 0.05 | 0.08 | 0.19 | 0.10 | 0.44 | 0.04 | 0.04 | 0.06 | 0.05 | 0.04 | 0.06 | 0.10 | 0.04 | 0.06 |
| UF10 | 0.42 | 0.29 | 0.28 | 0.32 | 0.32 | 0.31 | 0.38 | 0.28 | 0.30 | 0.37 | 0.26 | 0.25 | 0.38 | 0.32 | 0.36 | 0.31 | 0.33 | 0.19 |
| UF8 | 0.09 | 0.15 | 0.08 | 0.11 | 0.19 | 0.12 | 0.13 | 0.10 | 0.09 | 0.08 | 0.15 | 0.10 | 0.14 | 0.13 | 0.14 | 0.06 | 0.21 | 0.15 |
| UF9 | 0.15 | 0.19 | 0.10 | 0.13 | 0.14 | 0.10 | 0.13 | 0.14 | 0.09 | 0.13 | 0.20 | 0.09 | 0.15 | 0.19 | 0.14 | 0.13 | 0.32 | 0.08 |
| WFG1 | 0.12 | 0.15 | 0.13 | 0.31 | 0.99 | 0.13 | 0.12 | 0.15 | 0.12 | 0.09 | 0.14 | 0.05 | 0.10 | 0.15 | 0.05 | 0.46 | 0.10 | 0.16 |
| WFG2 | 0.09 | 0.14 | 0.06 | 0.10 | 0.14 | 0.06 | 0.09 | 0.14 | 0.06 | 0.09 | 0.16 | 0.04 | 0.07 | 0.15 | 0.03 | 0.06 | 0.09 | 0.03 |
| WFG3 | 0.02 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.02 | 0.05 | 0.01 | 0.02 | 0.06 | 0.01 | 0.02 | 0.05 | 0.01 | 0.02 | 0.07 | 0.01 |
| WFG4 | 0.12 | 0.12 | 0.07 | 0.13 | 0.13 | 0.07 | 0.12 | 0.12 | 0.07 | 0.12 | 0.12 | 0.07 | 0.12 | 0.12 | 0.07 | 0.13 | 0.18 | 0.07 |
| WFG5 | 0.18 | 0.17 | 0.13 | 0.18 | 0.17 | 0.13 | 0.18 | 0.17 | 0.13 | 0.18 | 0.16 | 0.13 | 0.18 | 0.17 | 0.13 | 0.18 | 0.16 | 0.13 |
| WFG6 | 0.17 | 0.17 | 0.12 | 0.17 | 0.18 | 0.12 | 0.18 | 0.17 | 0.12 | 0.17 | 0.17 | 0.11 | 0.16 | 0.14 | 0.10 | 0.21 | 0.18 | 0.10 |
| WFG7 | 0.13 | 0.12 | 0.07 | 0.12 | 0.12 | 0.07 | 0.13 | 0.12 | 0.07 | 0.13 | 0.12 | 0.07 | 0.13 | 0.12 | 0.07 | 0.13 | 0.16 | 0.07 |
| WFG8 | 0.19 | 0.24 | 0.15 | 0.20 | 0.25 | 0.15 | 0.18 | 0.25 | 0.14 | 0.20 | 0.23 | 0.15 | 0.14 | 0.23 | 0.14 | 0.19 | 0.28 | 0.15 |
| WFG9 | 0.17 | 0.22 | 0.12 | 0.16 | 0.19 | 0.10 | 0.16 | 0.22 | 0.09 | 0.16 | 0.21 | 0.11 | 0.14 | 0.23 | 0.08 | 0.23 | 0.23 | 0.19 |
| Average | 0.15 | 0.13 | 0.11 | 0.14 | 0.16 | 0.11 | 0.15 | 0.13 | 0.13 | 0.11 | 0.12 | 0.09 | 0.11 | 0.12 | 0.09 | 0.13 | 0.13 | 0.13 |