

CHEETAH_HRS_ALL

| Site | SO1 | SO2 | SO3 | SO4 | PA | PAS | R | Crop | H | C | DistV | Kud | Imp | AllPrey | Post | Hnt | Htd | Riv |
|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|
| 5 | 0 | 0 | 0 | NA | 0.54 | -0.90 | 1.74 | -0.52 | 1.00 | 1.25 | -0.20 | 0.44 | -1.28 | 0.21 | 0.21 | 1.13 | 1.71 | 1.12 |
| 6 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | 1.11 | -0.54 | 1.00 | 0.87 | 0.03 | 0.44 | -0.83 | 0.45 | 0.02 | 1.26 | 1.84 | 1.00 |
| 7 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.13 | -0.54 | 1.00 | 0.40 | 0.40 | 0.44 | -0.50 | 0.49 | 0.24 | 1.26 | 0.74 | 0.90 |
| 8 | 0 | 0 | 0 | 0 | 0.68 | -0.74 | -0.06 | -0.54 | 1.00 | 0.12 | 0.64 | 0.44 | -0.32 | 0.53 | 0.90 | 1.26 | -0.47 | 0.67 |
| 9 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | 1.32 | -0.54 | 1.00 | -0.31 | 0.20 | 0.44 | 0.07 | 0.57 | 1.01 | 1.26 | -0.67 | 0.22 |
| 10 | 0 | 0 | 0 | NA | 0.39 | -0.90 | -1.34 | 0.19 | 0.12 | -0.03 | -0.91 | 0.12 | -0.05 | 0.37 | -0.05 | 1.00 | -0.67 | -0.64 |
| 11 | 0 | 0 | 0 | NA | -1.63 | -0.90 | -0.13 | 0.30 | -0.41 | 0.35 | -1.31 | 0.05 | 0.39 | -1.14 | -1.10 | -0.79 | -0.67 | -0.75 |
| 21 | 0 | 0 | 0 | 0 | -1.14 | -0.32 | 0.13 | 0.48 | 1.00 | 1.15 | -1.32 | -0.15 | -1.37 | -1.06 | -1.62 | -0.35 | 0.11 | 1.50 |
| 22 | 0 | 0 | 0 | 0 | 0.29 | 0.69 | 1.97 | -0.30 | 1.00 | 1.06 | -0.90 | 0.36 | -1.04 | 0.29 | -0.80 | 0.91 | 1.44 | 1.39 |
| 23 | 0 | 0 | NA | NA | 0.68 | -0.48 | -1.22 | -0.54 | 1.00 | -0.26 | 0.03 | 0.44 | 0.31 | 0.74 | 0.27 | 1.26 | 1.84 | 1.29 |
| 25 | 0 | 1 | 0 | 0 | 0.68 | 0.49 | 1.57 | -0.54 | 1.00 | 0.07 | 0.76 | 0.44 | -0.32 | 0.62 | 0.86 | 1.26 | 1.84 | 0.94 |
| 26 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.13 | -0.54 | 1.00 | -0.07 | 0.83 | 0.48 | 0.04 | 0.82 | 1.37 | 1.26 | 1.84 | 0.59 |
| 27 | 0 | 0 | 0 | 0 | 0.68 | 0.58 | -0.34 | -0.54 | 0.84 | 0.26 | 0.50 | 0.48 | -0.05 | 0.74 | 1.12 | 1.26 | 1.01 | 0.02 |
| 28 | 0 | 0 | 0 | 0 | 0.68 | -0.15 | -1.15 | -0.54 | -1.09 | 0.35 | -0.04 | 0.44 | 0.93 | 0.62 | 0.07 | 1.26 | 0.19 | -1.66 |
| 29 | 0 | 0 | 0 | 0 | -0.45 | -0.90 | 2.95 | -0.50 | -0.12 | 0.82 | -0.53 | 0.44 | -0.71 | -0.49 | -0.87 | 0.26 | -0.67 | -0.71 |
| 39 | 0 | 0 | 0 | 0 | 0.66 | 1.29 | -0.08 | -0.52 | 1.00 | 1.62 | -0.37 | 0.40 | -1.13 | 0.57 | -1.16 | 1.24 | 1.84 | 1.55 |
| 40 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.17 | -0.54 | 1.00 | 1.53 | 0.18 | 0.44 | -0.95 | 0.66 | -0.56 | 1.26 | 1.84 | 1.43 |
| 41 | 0 | 0 | 0 | NA | 0.68 | 1.27 | 1.32 | -0.54 | 1.00 | 0.73 | 0.48 | 0.44 | -0.50 | 0.74 | 0.03 | 1.26 | 1.84 | 1.30 |
| 42 | 0 | 0 | 0 | NA | 0.68 | 0.87 | -0.57 | -0.54 | 1.00 | 0.45 | 0.78 | 0.48 | -0.02 | 0.86 | -0.22 | 1.26 | 1.84 | 1.15 |
| 43 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 2.02 | -0.54 | 1.00 | 0.16 | 1.03 | 0.44 | -0.17 | 0.74 | -0.02 | 1.26 | 1.84 | 0.96 |
| 44 | 0 | 0 | 0 | NA | 0.68 | 0.87 | 1.57 | -0.54 | 1.00 | 0.16 | 1.02 | 0.48 | -0.35 | 0.66 | 0.65 | 1.26 | 1.84 | 0.67 |
| 45 | 0 | 0 | 0 | 0 | 0.68 | -0.04 | 0.43 | -0.54 | 0.78 | 0.16 | 0.76 | 0.48 | -0.53 | 0.45 | 1.25 | 1.26 | 1.21 | 0.23 |
| 46 | 0 | 0 | 0 | 0 | 0.68 | -0.87 | -0.45 | -0.54 | -0.48 | 0.73 | 0.36 | 0.44 | -0.32 | 0.33 | 0.67 | 1.26 | -0.59 | -0.61 |
| 47 | 0 | 0 | 0 | 0 | 0.44 | -0.90 | -0.36 | -0.52 | -1.07 | 1.01 | -0.51 | 0.44 | 0.51 | 0.29 | 0.03 | 1.04 | -0.67 | -1.72 |
| 48 | 0 | 0 | NA | NA | -1.36 | -0.90 | -0.29 | -0.34 | -1.20 | 0.82 | -1.43 | 0.36 | 0.93 | -0.90 | -0.15 | -0.55 | -0.67 | -1.42 |
| 56 | 0 | 0 | NA | NA | -1.02 | -0.21 | 1.13 | -0.08 | 1.00 | 1.29 | -0.75 | 0.28 | -1.25 | -0.82 | -0.26 | -0.24 | 0.11 | 1.58 |
| 57 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.83 | -0.54 | 1.00 | 1.86 | -0.26 | 0.40 | -1.28 | 0.57 | -0.12 | 1.26 | 1.84 | 1.48 |
| 58 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 1.74 | -0.54 | 1.00 | 1.48 | 0.46 | 0.44 | -1.04 | 0.62 | 0.10 | 1.26 | 1.84 | 1.33 |
| 59 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 1.16 | -0.54 | 1.00 | 0.59 | 0.82 | 0.44 | -0.44 | 0.74 | -0.56 | 1.26 | 1.84 | 1.17 |
| 60 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.82 | -0.54 | 1.00 | 0.59 | 1.02 | 0.48 | -0.08 | 0.86 | -1.27 | 1.26 | 1.84 | 0.98 |
| 61 | 0 | 0 | 0 | 1 | 0.68 | 1.31 | 2.30 | -0.54 | 1.00 | 0.07 | 1.19 | 0.48 | -0.05 | 0.78 | -0.89 | 1.26 | 1.84 | 0.79 |
| 62 | 0 | 0 | 0 | 0 | 0.68 | -0.61 | 0.67 | -0.54 | 1.00 | -0.03 | 1.17 | 0.48 | -0.05 | 0.62 | 0.07 | 1.26 | 1.84 | 0.54 |
| 63 | 1 | 0 | 0 | 0 | 0.68 | -0.90 | -0.92 | -0.54 | -0.63 | 0.30 | 0.91 | 0.48 | 0.34 | 0.45 | 0.61 | 1.26 | 1.84 | 0.05 |
| 64 | 0 | 0 | 0 | NA | 0.68 | -0.90 | 2.09 | -0.54 | -0.04 | 0.59 | 0.59 | 0.48 | -0.56 | 0.29 | 0.44 | 1.26 | 1.39 | -0.30 |
| 66 | 0 | 0 | 0 | NA | 0.54 | -0.90 | 0.50 | -0.49 | -1.20 | 0.40 | -0.85 | 0.44 | 0.78 | 0.25 | 0.84 | 1.13 | -0.67 | -1.49 |
| 74 | 0 | 0 | 0 | NA | 0.02 | 0.71 | -0.34 | -0.28 | 1.00 | 1.11 | -0.07 | 0.40 | -0.83 | 0.29 | -0.92 | 0.67 | 0.61 | 1.49 |
| 75 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.03 | -0.54 | 1.00 | 1.53 | 0.33 | 0.44 | -1.01 | 0.62 | 0.07 | 1.26 | 1.16 | 1.37 |
| 76 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.01 | -0.54 | 1.00 | 1.62 | 0.67 | 0.44 | -1.04 | 0.66 | 0.35 | 1.26 | 1.76 | 1.24 |
| 77 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.75 | -0.54 | 1.00 | 0.30 | 0.97 | 0.48 | 0.10 | 0.90 | -0.69 | 1.26 | 1.84 | 1.05 |
| 78 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.32 | -0.54 | 1.00 | 0.78 | 1.20 | 0.48 | -0.14 | 0.86 | -1.53 | 1.26 | 1.84 | 0.80 |
| 79 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.34 | -0.54 | 1.00 | -0.07 | 1.35 | 0.48 | 0.51 | 0.98 | -1.05 | 1.26 | 1.84 | 0.48 |
| 80 | 0 | 0 | 0 | 0 | 0.68 | 0.01 | -0.29 | -0.54 | 0.54 | 0.12 | 1.28 | 0.48 | 0.16 | 0.70 | -0.09 | 1.26 | 1.84 | 0.15 |
| 83 | 0 | 0 | 0 | 0 | 0.68 | -0.23 | -0.66 | -0.54 | -1.20 | -0.31 | 0.49 | 0.48 | 1.23 | 0.62 | -0.23 | 1.17 | 1.64 | -1.74 |

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|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 84 | 0 | 0 | 0 | 0 | 0.68 | -0.87 | 0.04 | -0.54 | -1.20 | -0.45 | -0.14 | 0.44 | 1.26 | 0.62 | 0.61 | 1.26 | -0.07 | -1.42 |
| 85 | 0 | 0 | NA | NA | -0.55 | -0.90 | 0.57 | -0.34 | -1.20 | -0.40 | -1.36 | 0.40 | 1.17 | -0.33 | 1.59 | 0.17 | -0.67 | -1.73 |
| 91 | 0 | 0 | 0 | NA | -1.09 | -0.28 | -0.94 | 0.37 | 1.00 | 0.12 | -0.96 | 0.12 | -0.26 | -0.78 | -1.47 | -0.31 | -0.67 | 1.54 |
| 94 | 0 | 0 | 0 | NA | 0.68 | 1.31 | -0.31 | -0.54 | 1.00 | 0.40 | 0.91 | 0.48 | 0.22 | 0.98 | 0.66 | 1.26 | 0.21 | 1.08 |
| 96 | 0 | 0 | NA | NA | 0.68 | 1.31 | -1.27 | -0.54 | 1.00 | 0.45 | 1.31 | 0.48 | 0.48 | 1.02 | -0.55 | 1.26 | 1.84 | 0.67 |
| 97 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.62 | -0.54 | 0.78 | -0.03 | 1.47 | 0.48 | 0.42 | 0.94 | -0.32 | 1.26 | 1.84 | 0.19 |
| 98 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.82 | -0.54 | -0.72 | -1.30 | 1.40 | 0.48 | 1.26 | 0.86 | -0.02 | 1.26 | 1.84 | -0.90 |
| 99 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.13 | -0.54 | -1.20 | -0.92 | 1.22 | 0.48 | 1.26 | 0.66 | -0.96 | 1.26 | 1.84 | -1.50 |
| 100 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.20 | -0.54 | -1.20 | -0.07 | 1.00 | 0.48 | 1.26 | 0.74 | -1.61 | 0.65 | 0.99 | -1.61 |
| 101 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 1.39 | -0.54 | -1.20 | -0.59 | 0.67 | 0.48 | 1.23 | 0.62 | -0.84 | -0.70 | -0.49 | -1.15 |
| 102 | 0 | 0 | 0 | 0 | 0.68 | 0.27 | -0.64 | -0.54 | -1.20 | -0.40 | 0.16 | 0.48 | 0.90 | 0.41 | 0.23 | 0.15 | 0.56 | -0.58 |
| 103 | 0 | 0 | 0 | NA | 0.17 | -0.90 | -0.85 | -0.48 | -1.20 | -0.35 | -0.68 | 0.44 | 1.26 | 0.37 | 1.28 | 0.80 | 1.14 | -1.70 |
| 105 | 0 | 0 | 0 | 0 | 0.41 | -0.90 | -0.80 | -0.30 | -1.20 | -1.25 | -0.42 | 0.44 | 1.14 | 0.21 | 1.93 | 1.02 | 0.01 | -1.08 |
| 110 | 0 | 0 | 0 | 0 | 0.68 | 1.00 | -1.59 | -0.54 | 1.00 | 0.45 | 0.01 | 0.44 | 0.13 | 0.90 | -0.20 | 1.26 | -0.32 | 1.34 |
| 112 | 0 | 0 | 0 | NA | 0.68 | 1.31 | -0.45 | -0.54 | 1.00 | -0.54 | 0.98 | 0.48 | 0.81 | 1.07 | 1.25 | 1.26 | -0.57 | 0.92 |
| 114 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.08 | -0.54 | 1.00 | -0.59 | 1.43 | 0.48 | 0.99 | 1.15 | 0.54 | 1.26 | 1.84 | 0.39 |
| 115 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.87 | -0.54 | 1.00 | -0.68 | 1.57 | 0.48 | 0.96 | 1.11 | 0.67 | 1.26 | 1.84 | 0.13 |
| 116 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.67 | -0.54 | 0.60 | -0.78 | 1.49 | 0.48 | 0.96 | 1.02 | 0.21 | 1.26 | 1.84 | -0.52 |
| 117 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.43 | -0.54 | -0.90 | -1.01 | 1.32 | 0.48 | 1.26 | 0.82 | -0.76 | 0.76 | 1.06 | -1.65 |
| 118 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.99 | -0.54 | -1.18 | -0.35 | 1.10 | 0.48 | 1.08 | 0.53 | -1.26 | -0.89 | -0.67 | -0.72 |
| 121 | 0 | 0 | 0 | 0 | 0.68 | 0.45 | 0.29 | -0.54 | -1.20 | -0.40 | 0.29 | 0.48 | 0.72 | 0.29 | 0.67 | -0.11 | 0.09 | -0.10 |
| 122 | 0 | 0 | 0 | NA | 0.68 | -0.68 | 1.34 | -0.54 | -1.20 | -0.35 | 0.34 | 0.48 | 0.63 | 0.17 | 0.59 | 1.00 | -0.39 | -0.12 |
| 123 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.38 | -0.54 | -1.20 | -1.53 | 0.16 | 0.48 | 1.20 | 0.33 | 0.93 | 1.26 | -0.67 | -0.29 |
| 124 | 0 | 0 | 0 | NA | 0.63 | -0.90 | 1.18 | -0.54 | -1.20 | -0.78 | -0.72 | 0.48 | 1.26 | 0.33 | 1.58 | 1.22 | -0.67 | -0.80 |
| 125 | 0 | 0 | 0 | NA | -1.24 | -0.90 | -1.03 | 1.09 | -1.20 | -1.77 | -1.36 | -1.02 | 1.02 | -1.02 | 2.41 | -0.44 | -0.67 | -0.15 |
| 127 | 0 | 0 | NA | NA | -0.20 | -0.90 | 1.39 | -0.52 | 1.00 | 1.76 | -0.14 | 0.40 | -1.43 | -0.20 | 0.64 | 0.48 | 0.91 | 1.47 |
| 128 | 0 | 0 | 0 | 0 | 0.68 | -0.52 | -0.27 | -0.54 | 1.00 | 1.34 | 0.30 | 0.44 | -0.98 | 0.49 | 0.80 | 1.26 | 1.41 | 1.30 |
| 129 | 0 | 1 | 0 | NA | 0.68 | 0.69 | 0.71 | -0.54 | 1.00 | 0.54 | 0.73 | 0.44 | -0.53 | 0.66 | 1.33 | 1.26 | 0.04 | 1.09 |
| 130 | 0 | 0 | NA | NA | 0.68 | 1.24 | 0.27 | -0.54 | 1.00 | 0.45 | 1.04 | 0.44 | 0.01 | 0.90 | 1.93 | 1.26 | -0.59 | 0.82 |
| 131 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 2.46 | -0.54 | 1.00 | 0.45 | 1.28 | 0.44 | 0.25 | 0.98 | 1.65 | 1.26 | 0.29 | 0.42 |
| 132 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.95 | -0.54 | 1.00 | -0.45 | 1.47 | 0.48 | 0.66 | 1.02 | 1.41 | 1.26 | 1.81 | -0.24 |
| 134 | 0 | 0 | NA | NA | 0.68 | 1.31 | -0.66 | -0.54 | 0.95 | -0.12 | 1.56 | 0.48 | 0.87 | 1.11 | 0.78 | 0.46 | 0.74 | -1.77 |
| 135 | 0 | 0 | 0 | NA | 0.68 | 1.31 | -0.13 | -0.54 | 0.36 | -0.26 | 1.41 | 0.48 | 0.63 | 0.90 | 0.07 | -0.83 | -0.62 | -0.90 |
| 136 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 1.02 | -0.54 | -0.32 | -0.35 | 1.23 | 0.48 | 0.48 | 0.62 | -0.20 | -0.92 | -0.67 | 0.06 |
| 140 | 0 | 0 | 0 | 0 | 0.68 | 1.22 | -0.24 | -0.54 | -1.20 | -0.59 | 0.13 | 0.48 | 1.17 | 0.49 | -0.50 | -0.85 | -0.67 | -0.49 |
| 141 | 0 | 0 | 0 | 0 | 0.26 | -0.08 | -0.87 | -0.18 | -1.20 | -1.49 | -0.61 | 0.36 | 1.29 | 0.41 | 0.02 | 0.02 | -0.67 | -2.05 |
| 142 | 0 | 0 | 0 | NA | -1.07 | -0.90 | -2.08 | 0.39 | -1.20 | -1.58 | -1.00 | 0.01 | 1.29 | -0.53 | 0.88 | -0.28 | -0.67 | -1.52 |
| 143 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -1.59 | 0.07 | -1.20 | -1.63 | -1.34 | 0.32 | 1.17 | -1.06 | 1.87 | -0.92 | -0.67 | -0.21 |
| 147 | 0 | 0 | 1 | 0 | 0.68 | -0.90 | 0.18 | -0.54 | 1.00 | 1.91 | 0.81 | 0.40 | -1.43 | 0.33 | 2.09 | 1.26 | 1.84 | 1.09 |
| 148 | 0 | 0 | NA | NA | 0.68 | -0.76 | 0.15 | -0.54 | 1.00 | 1.53 | 1.10 | 0.40 | -1.10 | 0.49 | 1.61 | 1.26 | 1.69 | 0.81 |
| 149 | 0 | 0 | 0 | NA | 0.68 | 0.93 | 0.46 | -0.54 | 1.00 | 0.92 | 1.33 | 0.40 | -0.29 | 0.82 | 0.96 | 0.39 | -0.19 | 0.42 |
| 150 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.27 | -0.54 | 1.00 | -0.07 | 1.51 | 0.44 | 0.51 | 1.02 | 0.62 | -0.39 | -0.12 | -0.25 |
| 153 | 0 | 0 | NA | NA | 0.68 | 1.31 | 0.04 | -0.54 | 1.00 | -0.83 | 1.37 | 0.48 | 0.57 | 0.90 | 1.00 | -0.92 | -0.67 | 0.04 |
| 154 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.53 | -0.54 | -0.35 | -0.54 | 1.19 | 0.48 | 0.96 | 0.78 | 0.55 | -0.92 | -0.67 | -0.08 |

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|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 155 | 0 | 1 | 0 | NA | 0.68 | 1.31 | -0.85 | -0.54 | -1.20 | -1.20 | 1.00 | 0.48 | 1.20 | 0.45 | 0.27 | -0.92 | -0.67 | 0.01 |
| 156 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 2.39 | -0.54 | -1.20 | -0.17 | 0.82 | 0.48 | 1.14 | 0.41 | -0.15 | -0.92 | -0.67 | -0.03 |
| 157 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.08 | -0.54 | -1.20 | -0.45 | 0.57 | 0.48 | 1.23 | 0.45 | -1.13 | -0.92 | -0.67 | -0.52 |
| 158 | 0 | 0 | 0 | 0 | 0.66 | 0.69 | -1.06 | -0.54 | -1.20 | -0.07 | 0.00 | 0.48 | 1.32 | 0.70 | -1.47 | -0.92 | -0.67 | -1.73 |
| 159 | 1 | 1 | 0 | 0 | -1.61 | -0.83 | -0.89 | 0.83 | -1.20 | -1.01 | -1.54 | -0.43 | 0.93 | -1.14 | -0.59 | -0.92 | -0.67 | -0.91 |
| 160 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.52 | -0.06 | -1.20 | -1.16 | -1.28 | 0.36 | 1.17 | -1.02 | 0.48 | -0.92 | -0.67 | -0.04 |
| 163 | 0 | 0 | NA | NA | 0.68 | -0.90 | -0.85 | -0.14 | 1.00 | 1.95 | -0.71 | 0.20 | -1.55 | 0.29 | 2.86 | 1.26 | -0.57 | 1.49 |
| 164 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | 0.13 | -0.54 | 1.00 | 2.19 | 0.29 | 0.40 | -1.46 | 0.33 | 2.72 | 1.26 | 0.61 | 1.34 |
| 165 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.22 | -0.54 | 1.00 | 2.05 | 0.78 | 0.44 | -1.46 | 0.33 | 1.90 | 1.26 | 1.09 | 1.15 |
| 166 | 0 | 0 | 0 | 0 | 0.68 | -0.70 | 0.64 | -0.54 | 1.00 | 1.11 | 1.08 | 0.44 | -0.77 | 0.53 | 0.92 | 1.09 | 0.84 | 0.92 |
| 167 | 0 | 0 | NA | NA | 0.68 | 1.22 | 0.57 | -0.54 | 1.00 | 0.73 | 1.31 | 0.44 | -0.26 | 0.86 | 0.06 | -0.81 | -0.54 | 0.65 |
| 171 | 0 | 0 | NA | NA | 0.68 | 1.31 | 0.53 | -0.54 | 0.98 | 0.30 | 1.27 | 0.48 | -0.29 | 0.70 | 0.73 | -0.92 | -0.67 | -0.14 |
| 173 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.36 | -0.54 | -1.20 | -1.11 | 0.77 | 0.48 | 1.32 | 0.74 | -0.76 | -0.92 | -0.67 | -1.61 |
| 174 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.85 | -0.54 | -1.20 | -1.11 | 0.45 | 0.48 | 1.32 | 0.74 | -0.82 | -0.92 | -0.67 | -1.70 |
| 175 | 0 | 0 | 0 | 0 | 0.68 | -0.08 | -0.52 | -0.54 | -1.20 | -0.50 | 0.21 | 0.48 | 1.32 | 0.66 | -1.24 | -0.92 | -0.67 | -2.18 |
| 176 | 0 | 0 | 0 | 0 | 0.07 | -0.90 | -1.48 | -0.54 | -1.20 | -0.31 | -0.33 | 0.48 | 1.23 | 0.00 | -1.30 | -0.92 | -0.67 | -1.27 |
| 177 | 0 | 0 | 0 | NA | -1.44 | -0.90 | -0.38 | 1.12 | -1.20 | -1.25 | -1.63 | -0.67 | 0.81 | -1.14 | -0.50 | -0.92 | -0.67 | -0.04 |
| 178 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -0.29 | -0.39 | -0.94 | -0.21 | -1.46 | 0.40 | 1.20 | -0.98 | 0.54 | -0.92 | -0.67 | 0.48 |
| 184 | 0 | 0 | NA | NA | 0.68 | 0.47 | 0.39 | -0.54 | 1.00 | 1.81 | 0.98 | 0.40 | -1.34 | 0.49 | 0.52 | -0.05 | -0.67 | 1.08 |
| 185 | 0 | 1 | 0 | NA | 0.68 | 1.31 | 0.74 | -0.54 | 1.00 | 1.39 | 1.21 | 0.44 | -1.22 | 0.53 | -0.55 | -0.92 | -0.67 | 0.87 |
| 186 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.68 | -0.54 | 1.00 | 0.63 | 1.40 | 0.44 | -0.08 | 0.86 | -1.44 | -0.92 | -0.67 | 0.62 |
| 189 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.43 | -0.54 | -0.01 | 0.07 | 1.12 | 0.48 | 0.87 | 1.02 | -0.21 | -0.92 | -0.67 | -1.25 |
| 190 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.87 | -0.54 | -1.16 | -1.34 | 0.91 | 0.48 | 1.29 | 0.70 | -0.50 | -0.92 | -0.67 | -1.65 |
| 191 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | -0.55 | -0.54 | -1.20 | -1.25 | 0.55 | 0.48 | 1.32 | 0.74 | -1.48 | -0.92 | -0.67 | -2.17 |
| 192 | 0 | 0 | 0 | 0 | 0.68 | 0.82 | 0.11 | -0.54 | -1.20 | -0.26 | -0.02 | 0.48 | 1.29 | 0.62 | -1.47 | -0.92 | -0.67 | -1.47 |
| 193 | 0 | 0 | 0 | 0 | -0.40 | -0.72 | -0.15 | -0.46 | -1.20 | -0.59 | -0.86 | 0.44 | 1.14 | -0.24 | -1.67 | -0.92 | -0.67 | -1.59 |
| 194 | 0 | 0 | NA | NA | -1.78 | -0.90 | -0.22 | 0.12 | -1.07 | -0.45 | -0.72 | 0.28 | 0.42 | -1.18 | -0.93 | -0.92 | -0.67 | -0.19 |
| 195 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.87 | 0.90 | -0.61 | -0.92 | -1.76 | -0.55 | 0.10 | -1.43 | 0.07 | -0.92 | -0.67 | 0.37 |
| 196 | 0 | 0 | NA | NA | -1.78 | -0.90 | -1.01 | 2.57 | 0.73 | -1.30 | -2.02 | -3.00 | -1.49 | -2.17 | 1.01 | -0.92 | -0.67 | 0.71 |
| 204 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.55 | -0.54 | 1.00 | 1.76 | 1.31 | 0.40 | -1.31 | 0.57 | -1.30 | -0.92 | -0.67 | 0.46 |
| 205 | 1 | 1 | 0 | 0 | 0.68 | 1.31 | -0.15 | -0.54 | 0.89 | 0.92 | 1.20 | 0.44 | -0.11 | 0.90 | -1.03 | -0.92 | -0.67 | -0.22 |
| 206 | 0 | 0 | 0 | NA | 0.68 | 1.31 | -0.15 | -0.54 | -0.46 | 0.78 | 1.02 | 0.44 | 0.90 | 1.02 | -0.83 | -0.92 | -0.67 | -1.05 |
| 207 | 0 | 0 | 0 | NA | 0.68 | 1.31 | -0.34 | -0.54 | -1.20 | 0.35 | 0.85 | 0.48 | 0.66 | 0.49 | -1.27 | -0.92 | -0.67 | -1.36 |
| 208 | 0 | 0 | 0 | 0 | 0.68 | 1.31 | 0.01 | -0.54 | -1.20 | -0.78 | 0.71 | 0.48 | 1.29 | 0.74 | -0.73 | -0.92 | -0.67 | -1.66 |
| 209 | 0 | 0 | 0 | 0 | 0.68 | 0.56 | 0.48 | -0.54 | -1.05 | -0.35 | 0.32 | 0.48 | 1.26 | 0.74 | -0.91 | -0.92 | -0.67 | -1.41 |
| 210 | 0 | 0 | 0 | 0 | 0.07 | -0.90 | 0.27 | -0.47 | -1.14 | -0.54 | -0.58 | 0.44 | 1.11 | 0.04 | -0.88 | -0.92 | -0.67 | -0.17 |
| 211 | 0 | 0 | 0 | 0 | -1.66 | -0.90 | -1.36 | 1.29 | -1.03 | -0.40 | -1.73 | -1.18 | -0.62 | -1.63 | -0.85 | -0.92 | -0.67 | -0.37 |
| 212 | 0 | 0 | NA | NA | -1.78 | -0.90 | 0.15 | 0.24 | 0.65 | 0.54 | -1.01 | -0.03 | -1.34 | -1.55 | -0.43 | -0.92 | -0.67 | 0.08 |
| 213 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | 1.23 | 2.13 | 1.00 | 0.02 | -1.73 | -2.72 | -1.64 | -2.08 | 0.45 | -0.92 | -0.67 | 0.58 |
| 224 | 0 | 1 | 0 | 0 | 0.68 | 1.31 | -1.92 | -0.54 | -1.20 | 0.49 | 0.78 | 0.44 | 1.26 | 0.86 | -0.96 | -0.92 | -0.67 | -1.93 |
| 225 | 0 | 0 | 0 | 0 | 0.68 | 1.27 | 0.18 | -0.54 | -0.92 | 0.68 | 0.48 | 0.44 | 1.20 | 0.90 | -1.56 | -0.92 | -0.67 | -1.69 |
| 226 | 0 | 0 | 0 | 0 | 0.68 | 0.67 | 1.13 | -0.54 | -0.92 | 0.45 | 0.25 | 0.44 | 0.60 | 0.53 | -0.79 | -0.92 | -0.67 | -0.43 |
| 227 | 0 | 0 | 0 | 0 | 0.68 | -0.83 | 0.81 | -0.54 | -0.81 | 0.68 | 0.11 | 0.44 | 0.28 | 0.41 | -0.01 | -0.92 | -0.67 | -0.01 |
| 228 | 0 | 0 | 0 | NA | -0.35 | -0.90 | -0.66 | 0.04 | -0.15 | -0.31 | -1.18 | 0.16 | 0.19 | -0.20 | 0.15 | -0.92 | -0.67 | 0.35 |

| | | | | | | | | | | | | | | | | | | |
|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 229 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -1.29 | -0.31 | 0.58 | 0.30 | -1.20 | 0.36 | -0.20 | -1.27 | 0.24 | -0.92 | -0.67 | 0.41 |
| 230 | 0 | 0 | 0 | NA | -1.78 | -0.90 | 0.92 | 0.95 | 1.00 | 0.63 | -1.47 | -0.98 | -1.55 | -1.76 | 0.49 | -0.92 | -0.67 | 0.52 |
| 231 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | 1.69 | 2.87 | 0.98 | 0.26 | -1.55 | -3.16 | -1.67 | -2.21 | 1.13 | -0.92 | -0.67 | 0.78 |
| 238 | 0 | 0 | NA | NA | 0.68 | -0.79 | -0.55 | -0.04 | 1.00 | 1.91 | 0.67 | 0.24 | -1.55 | 0.29 | -0.17 | -0.92 | -0.67 | 1.01 |
| 239 | 0 | 0 | NA | NA | 0.68 | -0.10 | 0.60 | -0.54 | 1.00 | 2.05 | 0.81 | 0.40 | -1.46 | 0.41 | 0.54 | -0.92 | -0.67 | 0.84 |
| 241 | 0 | 0 | 0 | NA | 0.68 | 1.31 | 0.57 | -0.54 | -0.26 | 1.29 | 0.96 | 0.44 | -0.83 | 0.49 | 0.27 | -0.92 | -0.67 | 0.17 |
| 242 | 0 | 0 | 0 | 0 | 0.68 | 1.09 | 0.83 | -0.54 | -0.96 | 1.06 | 0.61 | 0.44 | 1.02 | 0.86 | -0.27 | -0.92 | -0.67 | -1.38 |
| 243 | 0 | 0 | 0 | 0 | 0.59 | -0.83 | 0.97 | -0.40 | -0.52 | 0.49 | 0.04 | 0.44 | 0.25 | 0.37 | -0.58 | -0.92 | -0.67 | -0.75 |
| 244 | 0 | 0 | 0 | NA | 0.29 | -0.90 | 1.32 | -0.08 | 0.25 | -0.26 | -0.89 | 0.24 | -0.02 | 0.21 | -0.17 | -0.92 | -0.67 | -0.61 |
| 245 | 0 | 0 | 0 | NA | 0.04 | -0.90 | -0.10 | -0.03 | 0.01 | -0.03 | -0.82 | 0.16 | -0.02 | 0.08 | 0.64 | -0.92 | -0.67 | -0.27 |
| 246 | 0 | 0 | NA | NA | -0.67 | -0.90 | 0.22 | -0.41 | 0.91 | 1.01 | -1.02 | 0.28 | -0.74 | -0.41 | 1.20 | -0.92 | -0.67 | 0.38 |
| 247 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | 1.16 | 0.69 | 1.00 | 0.49 | -1.56 | -0.55 | -1.52 | -1.68 | 1.34 | -0.92 | -0.67 | 0.74 |
| 248 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -0.29 | 1.59 | 0.60 | 0.12 | -1.79 | -2.05 | -1.55 | -1.96 | 1.52 | -0.92 | -0.67 | 0.86 |
| 255 | 0 | 0 | 0 | NA | 0.66 | -0.90 | 0.71 | -0.50 | 1.00 | 1.72 | 0.15 | 0.40 | -1.28 | 0.41 | -1.58 | -0.92 | -0.67 | 1.04 |
| 257 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.45 | -0.54 | 0.05 | 0.78 | 0.38 | 0.48 | -0.11 | 0.53 | -0.04 | -0.92 | -0.67 | 0.54 |
| 258 | 0 | 0 | NA | NA | 0.68 | -0.90 | -0.78 | -0.54 | -1.20 | -0.03 | 0.65 | 0.48 | 1.14 | 0.45 | -0.51 | -0.92 | -0.67 | 0.33 |
| 259 | 0 | 1 | 0 | 0 | 0.68 | 0.41 | 0.57 | -0.54 | -1.20 | -0.03 | 0.79 | 0.48 | 0.87 | 0.45 | -0.48 | -0.92 | -0.67 | 0.00 |
| 261 | 0 | 0 | 0 | 0 | 0.41 | -0.90 | -1.10 | 0.00 | -1.20 | -1.11 | -0.06 | 0.28 | 1.32 | 0.53 | -0.56 | -0.92 | -0.67 | -2.17 |
| 262 | 0 | 0 | NA | NA | -1.68 | -0.90 | -1.22 | 3.19 | -1.18 | -1.53 | -1.28 | -3.20 | -1.07 | -2.13 | -0.37 | -0.92 | -0.67 | -1.49 |
| 263 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.66 | 1.18 | 0.27 | 0.30 | -1.41 | -1.18 | -1.43 | -1.84 | 0.37 | -0.92 | -0.67 | -0.44 |
| 273 | 0 | 0 | 0 | NA | -0.70 | -0.90 | -0.99 | -0.05 | 0.54 | -0.07 | -0.69 | 0.32 | 0.16 | -0.33 | -1.23 | -0.92 | -0.67 | 0.94 |
| 274 | 0 | 0 | NA | NA | 0.24 | -0.90 | -1.06 | 0.46 | -0.92 | -0.50 | -0.83 | 0.09 | 0.31 | -0.12 | -0.59 | -0.92 | -0.67 | 0.62 |
| 275 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -1.29 | -0.01 | -1.20 | -1.01 | -0.38 | 0.36 | 1.11 | 0.29 | -0.41 | -0.92 | -0.67 | 0.13 |
| 276 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | 0.39 | -0.33 | -1.20 | -1.11 | 0.29 | 0.48 | 1.20 | 0.33 | -1.39 | -0.92 | -0.67 | -0.58 |
| 279 | 0 | 0 | 0 | NA | 0.41 | -0.90 | -0.55 | -0.48 | -1.20 | -1.67 | -0.40 | 0.44 | 1.29 | 0.49 | -1.51 | -0.92 | -0.67 | -1.57 |
| 280 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | 0.06 | 0.57 | 0.10 | 0.78 | -1.28 | -0.15 | -0.65 | -1.51 | -1.13 | -0.92 | -0.67 | -0.04 |
| 281 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | 0.25 | 1.11 | 1.00 | 0.02 | -1.27 | -1.10 | -1.46 | -1.80 | -0.09 | -0.92 | -0.67 | 0.31 |
| 292 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -1.64 | 1.72 | -1.20 | -1.91 | -0.99 | -1.50 | 0.28 | -1.55 | 0.17 | -0.92 | -0.67 | 0.58 |
| 293 | 0 | 0 | 0 | NA | -0.80 | -0.90 | -0.73 | 1.05 | -1.20 | -2.00 | -0.58 | -0.43 | 0.99 | -0.65 | -0.27 | -0.92 | -0.67 | 0.02 |
| 294 | 0 | 0 | 0 | NA | -1.44 | -0.90 | -1.99 | 1.10 | -1.20 | -1.91 | -0.29 | -0.55 | 1.20 | -0.98 | -1.12 | -0.92 | -0.67 | -1.06 |
| 296 | 0 | 0 | 0 | NA | -1.51 | -0.90 | -1.08 | 1.47 | -1.20 | -1.25 | -0.65 | -1.18 | 0.84 | -1.27 | -1.56 | -0.92 | -0.67 | -1.23 |
| 297 | 0 | 0 | NA | NA | -1.66 | -0.90 | -0.78 | 0.41 | -0.76 | 0.26 | -1.23 | 0.05 | 0.31 | -1.23 | -1.33 | -0.92 | -0.67 | -0.44 |
| 298 | 0 | 0 | 0 | NA | -1.78 | -0.90 | 1.48 | 1.50 | 1.00 | -0.17 | -1.42 | -1.65 | -1.37 | -1.88 | -0.93 | -0.92 | -0.67 | 0.29 |
| 309 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -1.85 | 2.81 | -1.20 | -2.05 | -0.59 | -2.92 | -1.19 | -2.17 | 0.93 | -0.92 | -0.67 | 1.00 |
| 310 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -0.85 | 2.87 | -1.20 | -2.00 | -1.18 | -2.96 | -1.31 | -2.17 | 1.04 | -0.92 | -0.67 | 0.73 |
| 311 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -1.41 | 3.15 | -1.20 | -2.05 | -1.14 | -3.16 | -1.22 | -2.21 | 0.41 | -0.92 | -0.67 | 0.41 |
| 312 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.89 | 3.24 | -1.20 | -2.15 | -1.12 | -3.20 | -1.28 | -2.21 | -0.14 | -0.92 | -0.67 | 0.21 |
| 313 | 0 | 0 | NA | NA | -1.78 | -0.90 | -0.55 | 4.03 | -1.20 | -2.10 | -1.39 | -3.35 | -1.61 | -2.29 | -0.73 | -0.92 | -0.67 | 0.28 |
| 316 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.68 | 1.96 | 1.00 | -0.68 | -1.83 | -2.37 | -1.46 | -2.04 | -0.06 | -0.92 | -0.67 | 0.60 |
| 327 | 0 | 0 | NA | NA | -1.78 | -0.90 | -1.90 | 3.15 | -0.48 | -1.72 | -1.58 | -3.24 | -1.52 | -2.25 | 2.04 | -0.92 | -0.67 | 1.13 |
| 328 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -0.66 | 2.59 | -0.85 | -1.49 | -1.42 | -2.84 | -1.37 | -2.17 | 1.93 | -0.92 | -0.67 | 0.94 |
| 329 | 0 | 0 | 0 | 0 | -1.78 | -0.90 | -0.94 | 2.35 | -1.18 | -1.67 | -1.11 | -2.64 | -0.98 | -2.04 | 1.32 | -0.92 | -0.67 | 0.78 |
| 330 | 0 | 0 | 0 | NA | -1.78 | -0.90 | -1.71 | 2.93 | -1.09 | -1.67 | -1.75 | -3.12 | -1.28 | -2.21 | 0.78 | -0.92 | -0.67 | 0.70 |
| 355 | 0 | 0 | NA | NA | -1.78 | -0.90 | 2.23 | 0.22 | 1.00 | 0.54 | -0.79 | 0.16 | -1.43 | -1.55 | -1.49 | -0.92 | -0.67 | -0.08 |

| | | | | | | | | | | | | | | | | | | |
|-----|---|---|----|----|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 362 | 0 | 0 | NA | NA | -1.66 | -0.90 | 1.69 | 1.89 | 1.00 | 0.59 | -1.47 | -2.17 | -1.61 | -1.96 | -0.83 | -0.81 | -0.67 | 0.17 |
| 363 | 0 | 0 | 0 | 0 | 0.22 | -0.90 | 1.81 | -0.48 | 1.00 | 0.78 | -0.63 | 0.44 | -0.95 | 0.12 | -0.94 | 0.85 | -0.67 | -0.94 |
| 364 | 0 | 0 | 0 | NA | -1.63 | -0.90 | -0.41 | 0.61 | 1.00 | -0.03 | -1.16 | -0.15 | -1.31 | -1.51 | -0.76 | -0.79 | -0.67 | -0.36 |
| 370 | 0 | 0 | 0 | 0 | -0.89 | -0.90 | 0.48 | 2.31 | 1.00 | 0.96 | -1.20 | -2.72 | -1.64 | -1.39 | -1.65 | -0.13 | -0.67 | 0.39 |
| 371 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.59 | -0.54 | 1.00 | 0.59 | -0.14 | 0.44 | -0.98 | 0.29 | -1.04 | 1.26 | -0.67 | 0.02 |
| 372 | 0 | 0 | 0 | 0 | 0.24 | -0.90 | 0.18 | -0.27 | 1.00 | -0.35 | -0.62 | 0.36 | -0.20 | 0.29 | -0.04 | 0.87 | -0.67 | 0.15 |
| 373 | 0 | 0 | 0 | NA | -1.36 | -0.90 | 2.09 | 0.44 | 1.00 | 0.49 | -1.12 | 0.01 | -1.04 | -1.23 | 0.74 | -0.55 | -0.67 | 0.55 |
| 378 | 0 | 0 | 0 | 0 | 0.24 | -0.90 | -0.78 | -0.07 | 1.00 | 0.35 | -0.94 | 0.28 | -0.71 | 0.17 | -1.05 | 0.87 | 0.26 | 0.72 |
| 380 | 0 | 0 | 0 | 0 | 0.68 | -0.90 | -0.57 | -0.54 | 1.00 | 0.12 | 0.24 | 0.44 | -0.59 | 0.41 | 0.25 | 1.26 | -0.67 | 0.61 |
| 381 | 0 | 0 | 0 | 0 | 0.56 | -0.90 | 0.22 | -0.50 | 1.00 | -0.64 | -0.13 | 0.44 | 0.48 | 0.57 | 1.04 | 1.15 | -0.67 | 0.54 |

CHEETAH_HRS_PA

| Site | SO1 | SO2 | SO3 | SO4 | PAS | R | H | C | Bound | Imp | AllPrey | Hum | Post | Hnt | Htd | Riv |
|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|
| 5 | 0 | 0 | 0 | NA | -1.16 | 1.69 | 0.89 | 1.16 | -0.98 | -1.53 | -0.45 | 1.22 | 0.28 | 0.88 | 1.44 | 1.08 |
| 6 | 0 | 0 | 0 | 0 | -1.16 | 1.02 | 0.89 | 0.73 | -0.57 | -1.05 | 0.01 | 1.08 | 0.09 | 1.01 | 1.56 | 0.97 |
| 7 | 0 | 0 | 0 | 0 | -1.16 | -0.31 | 0.89 | 0.19 | -0.15 | -0.69 | 0.08 | 0.90 | 0.32 | 1.01 | 0.52 | 0.88 |
| 8 | 0 | 0 | 0 | 0 | -1.00 | -0.23 | 0.89 | -0.13 | 0.01 | -0.50 | 0.16 | 0.82 | 0.98 | 1.01 | -0.62 | 0.66 |
| 9 | 0 | 0 | 0 | 0 | -1.16 | 1.24 | 0.89 | -0.61 | -0.52 | -0.08 | 0.24 | 1.08 | 1.09 | 1.01 | -0.81 | 0.24 |
| 10 | 0 | 0 | 0 | NA | -1.16 | -1.61 | 0.00 | -0.29 | -1.02 | -0.21 | -0.15 | 1.14 | 0.01 | 0.75 | -0.81 | -0.55 |
| 11 | 0 | 0 | NA | NA | -1.16 | -0.31 | -0.53 | 0.14 | -0.96 | 0.27 | -2.99 | 0.98 | -1.05 | -1.04 | -0.81 | -0.65 |
| 21 | 0 | 0 | 0 | 0 | -0.58 | -0.03 | 0.89 | 1.05 | -1.09 | -1.62 | -2.84 | 0.90 | -1.57 | -0.61 | -0.08 | 1.44 |
| 22 | 0 | 0 | 0 | 0 | 0.44 | 1.94 | 0.89 | 0.94 | -1.05 | -1.27 | -0.30 | 0.66 | -0.75 | 0.66 | 1.18 | 1.34 |
| 23 | 0 | 0 | NA | NA | -0.73 | -1.48 | 0.89 | -0.56 | -0.60 | 0.17 | 0.55 | 0.90 | 0.34 | 1.01 | 1.56 | 1.24 |
| 25 | 0 | 1 | 0 | 0 | 0.24 | 1.52 | 0.89 | -0.18 | 0.38 | -0.50 | 0.32 | -0.28 | 0.94 | 1.01 | 1.56 | 0.91 |
| 26 | 0 | 0 | 0 | 0 | 1.06 | -0.31 | 0.89 | -0.35 | 0.47 | -0.12 | 0.70 | -0.76 | 1.46 | 1.01 | 1.56 | 0.59 |
| 27 | 0 | 0 | 0 | 0 | 0.33 | -0.53 | 0.74 | 0.03 | -0.04 | -0.21 | 0.55 | 0.12 | 1.20 | 1.01 | 0.78 | 0.06 |
| 28 | 0 | 0 | 0 | 0 | -0.40 | -1.41 | -1.22 | 0.14 | -0.63 | 0.85 | 0.32 | 0.79 | 0.14 | 1.01 | 0.00 | -1.50 |
| 29 | 0 | 0 | 0 | NA | -1.16 | 2.99 | -0.24 | 0.68 | -1.12 | -0.92 | -1.76 | 1.16 | -0.81 | 0.01 | -0.81 | -0.62 |
| 39 | 0 | 0 | 0 | 0 | 1.04 | -0.26 | 0.89 | 1.59 | -0.93 | -1.37 | 0.24 | 0.20 | -1.11 | 0.99 | 1.56 | 1.48 |
| 40 | 0 | 0 | 0 | 0 | 1.06 | -0.36 | 0.89 | 1.48 | -0.47 | -1.17 | 0.39 | -0.17 | -0.50 | 1.01 | 1.56 | 1.37 |
| 41 | 0 | 0 | 0 | NA | 1.01 | 1.24 | 0.89 | 0.57 | -0.10 | -0.69 | 0.55 | -0.49 | 0.10 | 1.01 | 1.56 | 1.25 |
| 42 | 0 | 0 | 0 | NA | 0.62 | -0.78 | 0.89 | 0.25 | 0.39 | -0.18 | 0.78 | -0.81 | -0.16 | 1.01 | 1.56 | 1.11 |
| 43 | 0 | 0 | 0 | 0 | 1.06 | 1.99 | 0.89 | -0.08 | 0.94 | -0.34 | 0.55 | -1.18 | 0.04 | 1.01 | 1.56 | 0.93 |
| 44 | 0 | 0 | 0 | NA | 0.62 | 1.52 | 0.89 | -0.08 | 0.94 | -0.53 | 0.39 | -0.97 | 0.73 | 1.01 | 1.56 | 0.66 |
| 45 | 0 | 0 | 0 | 0 | -0.29 | 0.29 | 0.67 | -0.08 | 0.31 | -0.73 | 0.01 | 0.34 | 1.34 | 1.01 | 0.97 | 0.25 |
| 46 | 0 | 0 | 0 | 0 | -1.13 | -0.66 | -0.60 | 0.57 | -0.37 | -0.50 | -0.22 | 1.08 | 0.74 | 1.01 | -0.74 | -0.52 |
| 47 | 0 | 0 | 0 | 0 | -1.16 | -0.56 | -1.20 | 0.89 | -1.02 | 0.40 | -0.30 | 1.16 | 0.10 | 0.79 | -0.81 | -1.56 |
| 48 | 0 | 0 | NA | NA | -1.16 | -0.48 | -1.33 | 0.68 | -1.06 | 0.85 | -2.53 | 1.14 | -0.08 | -0.80 | -0.81 | -1.28 |
| 56 | 0 | 0 | NA | NA | -0.47 | 1.04 | 0.89 | 1.21 | -1.10 | -1.50 | -2.38 | 1.08 | -0.20 | -0.50 | -0.08 | 1.51 |
| 57 | 0 | 0 | 0 | 0 | 1.06 | 0.72 | 0.89 | 1.86 | -0.75 | -1.53 | 0.24 | 0.39 | -0.05 | 1.01 | 1.56 | 1.41 |
| 58 | 0 | 0 | 0 | 0 | 1.06 | 1.69 | 0.89 | 1.43 | -0.07 | -1.27 | 0.32 | -0.36 | 0.16 | 1.01 | 1.56 | 1.28 |
| 59 | 0 | 0 | 0 | 0 | 1.06 | 1.07 | 0.89 | 0.41 | 0.48 | -0.63 | 0.55 | -1.02 | -0.50 | 1.01 | 1.56 | 1.12 |
| 60 | 0 | 0 | 0 | 0 | 1.06 | -1.06 | 0.89 | 0.41 | 0.89 | -0.24 | 0.78 | -1.24 | -1.23 | 1.01 | 1.56 | 0.95 |
| 61 | 0 | 0 | 0 | 1 | 1.06 | 2.29 | 0.89 | -0.18 | 1.37 | -0.21 | 0.62 | -1.29 | -0.84 | 1.01 | 1.56 | 0.78 |
| 62 | 0 | 0 | 0 | 0 | -0.87 | 0.54 | 0.89 | -0.29 | 1.17 | -0.21 | 0.32 | -0.60 | 0.14 | 1.01 | 1.56 | 0.54 |
| 63 | 1 | 0 | 0 | 0 | -1.16 | -1.16 | -0.75 | 0.08 | 0.50 | 0.20 | 0.01 | 0.50 | 0.68 | 1.01 | 1.56 | 0.09 |
| 64 | 0 | 0 | 0 | NA | -1.16 | 2.07 | -0.15 | 0.41 | -0.13 | -0.76 | -0.30 | 0.98 | 0.52 | 1.01 | 1.13 | -0.24 |
| 66 | 0 | 0 | 0 | NA | -1.16 | 0.37 | -1.33 | 0.19 | -0.98 | 0.69 | -0.38 | 1.19 | 0.92 | 0.88 | -0.81 | -1.34 |
| 74 | 0 | 0 | 0 | NA | 0.46 | -0.53 | 0.89 | 1.00 | -1.09 | -1.05 | -0.30 | 0.60 | -0.87 | 0.42 | 0.40 | 1.43 |
| 75 | 0 | 0 | 0 | 0 | 1.06 | -0.21 | 0.89 | 1.48 | -0.53 | -1.24 | 0.32 | 0.10 | 0.14 | 1.01 | 0.92 | 1.31 |
| 76 | 0 | 0 | 0 | 0 | 1.06 | -0.16 | 0.89 | 1.59 | 0.13 | -1.27 | 0.39 | -0.46 | 0.42 | 1.01 | 1.49 | 1.19 |

| | | | | | | | | | | | | | | | | |
|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 77 | 0 | 0 | 0 | 0 | 1.06 | -0.98 | 0.89 | 0.08 | 0.81 | -0.05 | 0.85 | -1.21 | -0.63 | 1.01 | 1.56 | 1.02 |
| 78 | 0 | 0 | 0 | 0 | 1.06 | 0.17 | 0.89 | 0.62 | 1.42 | -0.31 | 0.78 | -1.32 | -1.48 | 1.01 | 1.56 | 0.78 |
| 79 | 0 | 0 | 0 | 0 | 1.06 | 0.19 | 0.89 | -0.35 | 1.83 | 0.40 | 1.01 | -1.34 | -1.00 | 1.01 | 1.56 | 0.49 |
| 80 | 0 | 0 | 0 | 0 | -0.25 | -0.48 | 0.43 | -0.13 | 1.44 | 0.01 | 0.47 | -1.05 | -0.02 | 1.01 | 1.56 | 0.18 |
| 83 | 0 | 0 | 0 | 0 | -0.49 | -0.88 | -1.33 | -0.61 | -0.04 | 1.17 | 0.32 | 0.02 | -0.17 | 0.92 | 1.37 | -1.58 |
| 84 | 0 | 0 | 0 | 0 | -1.13 | -0.13 | -1.33 | -0.78 | -0.64 | 1.20 | 0.32 | 0.95 | 0.68 | 1.01 | -0.24 | -1.29 |
| 85 | 0 | 0 | NA | NA | -1.16 | 0.44 | -1.33 | -0.72 | -1.12 | 1.10 | -1.45 | 1.19 | 1.68 | -0.08 | -0.81 | -1.57 |
| 91 | 0 | 0 | 0 | NA | -0.54 | -1.18 | 0.89 | -0.13 | -1.10 | -0.44 | -2.30 | 0.74 | -1.42 | -0.56 | -0.81 | 1.48 |
| 94 | 0 | 0 | 0 | NA | 1.06 | -0.51 | 0.89 | 0.19 | 0.41 | 0.08 | 1.01 | -0.89 | 0.74 | 1.01 | 0.02 | 1.05 |
| 96 | 0 | 0 | NA | NA | 1.06 | -1.53 | 0.89 | 0.25 | 1.71 | 0.36 | 1.08 | -1.32 | -0.49 | 1.01 | 1.56 | 0.66 |
| 97 | 0 | 0 | 0 | 0 | 1.06 | 0.49 | 0.67 | -0.29 | 2.24 | 0.30 | 0.93 | -1.34 | -0.26 | 1.01 | 1.56 | 0.21 |
| 98 | 0 | 0 | 0 | 0 | 1.06 | -1.06 | -0.84 | -1.74 | 1.86 | 1.20 | 0.78 | -1.34 | 0.04 | 1.01 | 1.56 | -0.80 |
| 99 | 0 | 0 | 0 | 0 | 1.06 | -0.31 | -1.33 | -1.31 | 1.36 | 1.20 | 0.39 | -1.34 | -0.91 | 1.01 | 1.56 | -1.36 |
| 100 | 0 | 0 | 0 | 0 | 1.06 | 0.04 | -1.33 | -0.35 | 0.85 | 1.20 | 0.55 | -1.29 | -1.57 | 0.40 | 0.75 | -1.46 |
| 101 | 0 | 0 | 0 | 0 | 1.06 | 1.32 | -1.33 | -0.94 | 0.19 | 1.17 | 0.32 | -1.13 | -0.78 | -0.96 | -0.64 | -1.03 |
| 102 | 0 | 0 | 0 | 0 | 0.02 | -0.86 | -1.33 | -0.72 | -0.49 | 0.81 | -0.07 | 0.47 | 0.30 | -0.10 | 0.35 | -0.50 |
| 103 | 0 | 0 | 0 | NA | -1.16 | -1.08 | -1.33 | -0.67 | -1.08 | 1.20 | -0.15 | 1.14 | 1.37 | 0.55 | 0.89 | -1.54 |
| 105 | 0 | 0 | 0 | 0 | -1.16 | -1.03 | -1.33 | -1.69 | -1.02 | 1.07 | -0.45 | 1.16 | 2.03 | 0.77 | -0.17 | -0.96 |
| 110 | 0 | 0 | 0 | 0 | 0.75 | -1.88 | 0.89 | 0.25 | -0.91 | -0.02 | 0.85 | 0.31 | -0.14 | 1.01 | -0.48 | 1.28 |
| 112 | 0 | 0 | 0 | NA | 1.06 | -0.66 | 0.89 | -0.88 | 0.48 | 0.72 | 1.16 | -0.92 | 1.34 | 1.01 | -0.71 | 0.90 |
| 114 | 0 | 0 | 0 | 0 | 1.06 | -0.26 | 0.89 | -0.94 | 1.88 | 0.91 | 1.32 | -1.34 | 0.62 | 1.01 | 1.56 | 0.40 |
| 115 | 0 | 0 | 0 | 0 | 1.06 | -1.11 | 0.89 | -1.04 | 2.53 | 0.88 | 1.24 | -1.37 | 0.74 | 1.01 | 1.56 | 0.17 |
| 116 | 0 | 0 | 0 | 0 | 1.06 | 0.54 | 0.49 | -1.15 | 2.34 | 0.88 | 1.08 | -1.34 | 0.29 | 1.01 | 1.56 | -0.45 |
| 117 | 0 | 0 | 0 | 0 | 1.06 | -0.63 | -1.02 | -1.42 | 1.75 | 1.20 | 0.70 | -1.34 | -0.71 | 0.51 | 0.82 | -1.49 |
| 118 | 0 | 0 | 0 | 0 | 1.06 | 0.89 | -1.31 | -0.67 | 1.08 | 1.01 | 0.16 | -1.29 | -1.21 | -1.15 | -0.81 | -0.63 |
| 121 | 0 | 0 | 0 | 0 | 0.20 | 0.14 | -1.33 | -0.72 | -0.60 | 0.62 | -0.30 | 0.60 | 0.75 | -0.36 | -0.10 | -0.05 |
| 122 | 0 | 0 | 0 | NA | -0.93 | 1.27 | -1.33 | -0.67 | -0.60 | 0.53 | -0.53 | 1.06 | 0.67 | 0.75 | -0.55 | -0.07 |
| 123 | 0 | 0 | 0 | 0 | -1.16 | -0.58 | -1.33 | -2.01 | -0.61 | 1.13 | -0.22 | 1.00 | 1.01 | 1.01 | -0.81 | -0.23 |
| 124 | 0 | 0 | 0 | NA | -1.16 | 1.09 | -1.33 | -1.15 | -0.97 | 1.20 | -0.22 | 1.11 | 1.67 | 0.97 | -0.81 | -0.70 |
| 127 | 0 | 0 | NA | NA | -1.16 | 1.32 | 0.89 | 1.75 | -1.11 | -1.69 | -1.22 | 1.24 | 0.72 | 0.23 | 0.68 | 1.40 |
| 128 | 0 | 0 | 0 | 0 | -0.78 | -0.46 | 0.89 | 1.27 | -0.62 | -1.21 | 0.08 | 1.11 | 0.88 | 1.01 | 1.15 | 1.25 |
| 129 | 0 | 1 | 0 | NA | 0.44 | 0.59 | 0.89 | 0.35 | -0.07 | -0.73 | 0.39 | 0.26 | 1.41 | 1.01 | -0.15 | 1.05 |
| 130 | 0 | 0 | NA | NA | 0.99 | 0.12 | 0.89 | 0.25 | 0.57 | -0.15 | 0.85 | -0.65 | 2.03 | 1.01 | -0.74 | 0.80 |
| 131 | 0 | 0 | 0 | 0 | 1.06 | 2.47 | 0.89 | 0.25 | 1.25 | 0.11 | 1.01 | -1.16 | 1.74 | 1.01 | 0.09 | 0.43 |
| 132 | 0 | 0 | 0 | 0 | 1.06 | 0.84 | 0.89 | -0.78 | 1.95 | 0.56 | 1.08 | -1.32 | 1.50 | 1.01 | 1.53 | -0.18 |
| 134 | 0 | 0 | NA | NA | 1.06 | -0.88 | 0.85 | -0.40 | 2.64 | 0.78 | 1.24 | -1.37 | 0.86 | 0.20 | 0.52 | -1.60 |
| 135 | 0 | 0 | 0 | NA | 1.06 | -0.31 | 0.25 | -0.56 | 2.00 | 0.53 | 0.85 | -1.34 | 0.14 | -1.09 | -0.76 | -0.80 |
| 136 | 0 | 0 | 0 | 0 | 1.06 | 0.92 | -0.44 | -0.67 | 1.38 | 0.36 | 0.32 | -1.29 | -0.14 | -1.17 | -0.81 | 0.10 |
| 140 | 0 | 0 | 0 | 0 | 0.97 | -0.43 | -1.33 | -0.94 | -0.66 | 1.10 | 0.08 | -0.38 | -0.44 | -1.11 | -0.81 | -0.41 |

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|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 141 | 0 | 0 | 0 | 0 | -0.34 | -1.11 | -1.33 | -1.96 | -1.05 | 1.23 | -0.07 | 0.63 | 0.09 | -0.23 | -0.81 | -1.87 |
| 147 | 0 | 0 | 1 | 0 | -1.16 | 0.02 | 0.89 | 1.91 | 0.33 | -1.69 | -0.22 | 1.06 | 2.19 | 1.01 | 1.56 | 1.05 |
| 148 | 0 | 0 | NA | NA | -1.02 | -0.01 | 0.89 | 1.48 | 0.85 | -1.33 | 0.08 | 0.55 | 1.71 | 1.01 | 1.42 | 0.80 |
| 149 | 0 | 0 | 0 | NA | 0.68 | 0.32 | 0.89 | 0.78 | 1.37 | -0.47 | 0.70 | -1.13 | 1.04 | 0.14 | -0.36 | 0.43 |
| 150 | 0 | 0 | 0 | 0 | 1.06 | 0.12 | 0.89 | -0.35 | 1.92 | 0.40 | 1.08 | -1.32 | 0.70 | -0.65 | -0.29 | -0.19 |
| 153 | 0 | 0 | NA | NA | 1.06 | -0.13 | 0.89 | -1.21 | 1.82 | 0.46 | 0.85 | -1.32 | 1.08 | -1.17 | -0.81 | 0.07 |
| 154 | 0 | 0 | 0 | 0 | 1.06 | 0.39 | -0.46 | -0.88 | 1.21 | 0.88 | 0.62 | -1.24 | 0.62 | -1.17 | -0.81 | -0.03 |
| 155 | 0 | 1 | 0 | NA | 1.06 | -1.08 | -1.33 | -1.64 | 0.62 | 1.13 | 0.01 | -1.13 | 0.34 | -1.17 | -0.81 | 0.05 |
| 156 | 0 | 0 | 0 | 0 | 1.06 | 2.39 | -1.33 | -0.45 | 0.15 | 1.07 | -0.07 | -0.94 | -0.08 | -1.17 | -0.81 | 0.01 |
| 157 | 0 | 0 | 0 | 0 | 1.06 | -0.08 | -1.33 | -0.78 | -0.29 | 1.17 | 0.01 | -0.94 | -1.08 | -1.17 | -0.81 | -0.44 |
| 158 | 0 | 0 | 0 | 0 | 0.44 | -1.31 | -1.33 | -0.35 | -0.94 | 1.26 | 0.47 | -0.52 | -1.42 | -1.17 | -0.81 | -1.57 |
| 163 | 0 | 0 | NA | NA | -1.16 | -1.08 | 0.89 | 1.97 | -0.80 | -1.82 | -0.30 | 1.27 | 2.97 | 1.01 | -0.71 | 1.43 |
| 164 | 0 | 0 | 0 | 0 | -1.16 | -0.03 | 0.89 | 2.23 | -0.14 | -1.72 | -0.22 | 1.22 | 2.83 | 1.01 | 0.40 | 1.28 |
| 165 | 0 | 0 | 0 | 0 | -1.16 | -0.41 | 0.89 | 2.07 | 0.21 | -1.72 | -0.22 | 1.08 | 2.00 | 1.01 | 0.85 | 1.11 |
| 166 | 0 | 0 | 0 | 0 | -0.96 | 0.52 | 0.89 | 1.00 | 0.48 | -0.98 | 0.16 | 0.58 | 1.00 | 0.84 | 0.61 | 0.90 |
| 167 | 0 | 0 | NA | NA | 0.97 | 0.44 | 0.89 | 0.57 | 0.94 | -0.44 | 0.78 | -1.13 | 0.13 | -1.06 | -0.69 | 0.64 |
| 171 | 0 | 0 | NA | NA | 1.06 | 0.39 | 0.87 | 0.08 | 1.40 | -0.47 | 0.47 | -1.24 | 0.80 | -1.17 | -0.81 | -0.09 |
| 173 | 0 | 0 | 0 | 0 | 1.06 | -0.56 | -1.33 | -1.53 | 0.25 | 1.26 | 0.55 | -1.24 | -0.71 | -1.17 | -0.81 | -1.45 |
| 174 | 0 | 0 | 0 | 0 | 1.06 | -1.08 | -1.33 | -1.53 | -0.36 | 1.26 | 0.55 | -1.10 | -0.76 | -1.17 | -0.81 | -1.54 |
| 175 | 0 | 0 | 0 | 0 | -0.34 | -0.73 | -1.33 | -0.83 | -0.80 | 1.26 | 0.39 | -0.12 | -1.20 | -1.17 | -0.81 | -1.99 |
| 176 | 0 | 0 | 0 | 0 | -1.16 | -1.76 | -1.33 | -0.61 | -1.11 | 1.17 | -0.84 | 0.92 | -1.25 | -1.17 | -0.81 | -1.14 |
| 184 | 0 | 0 | NA | NA | 0.22 | 0.24 | 0.89 | 1.80 | -0.06 | -1.59 | 0.08 | 0.47 | 0.59 | -0.30 | -0.81 | 1.04 |
| 185 | 0 | 1 | 0 | NA | 1.06 | 0.62 | 0.89 | 1.32 | 0.54 | -1.46 | 0.16 | -0.94 | -0.49 | -1.17 | -0.81 | 0.85 |
| 186 | 0 | 0 | 0 | 0 | 1.06 | -0.91 | 0.89 | 0.46 | 1.20 | -0.24 | 0.78 | -1.29 | -1.39 | -1.17 | -0.81 | 0.62 |
| 189 | 0 | 0 | 0 | 0 | 1.06 | 0.29 | -0.13 | -0.18 | 0.93 | 0.78 | 1.08 | -1.24 | -0.15 | -1.17 | -0.81 | -1.12 |
| 190 | 0 | 0 | 0 | 0 | 1.06 | -1.11 | -1.29 | -1.80 | 0.40 | 1.23 | 0.47 | -1.21 | -0.44 | -1.17 | -0.81 | -1.49 |
| 191 | 0 | 0 | 0 | 0 | 1.06 | -0.76 | -1.33 | -1.69 | -0.15 | 1.26 | 0.55 | -1.18 | -1.44 | -1.17 | -0.81 | -1.98 |
| 192 | 0 | 0 | 0 | 0 | 0.57 | -0.06 | -1.33 | -0.56 | -0.69 | 1.23 | 0.32 | -0.57 | -1.42 | -1.17 | -0.81 | -1.33 |
| 193 | 0 | 0 | 0 | 0 | -0.98 | -0.33 | -1.33 | -0.94 | -1.13 | 1.07 | -1.30 | 0.90 | -1.63 | -1.17 | -0.81 | -1.44 |
| 204 | 0 | 0 | 0 | 0 | 1.06 | 0.42 | 0.89 | 1.75 | 1.06 | -1.56 | 0.24 | -1.18 | -1.25 | -1.17 | -0.81 | 0.47 |
| 205 | 1 | 1 | 0 | 0 | 1.06 | -0.33 | 0.78 | 0.78 | 1.06 | -0.28 | 0.85 | -1.24 | -0.98 | -1.17 | -0.81 | -0.17 |
| 206 | 0 | 0 | 0 | NA | 1.06 | -0.33 | -0.57 | 0.62 | 0.60 | 0.81 | 1.08 | -1.16 | -0.78 | -1.17 | -0.81 | -0.94 |
| 207 | 0 | 0 | 0 | NA | 1.06 | -0.53 | -1.33 | 0.14 | 0.33 | 0.56 | 0.08 | -1.05 | -1.23 | -1.17 | -0.81 | -1.23 |
| 208 | 0 | 0 | 0 | 0 | 1.06 | -0.16 | -1.33 | -1.15 | 0.03 | 1.23 | 0.55 | -1.13 | -0.67 | -1.17 | -0.81 | -1.50 |
| 209 | 0 | 0 | 0 | 0 | 0.31 | 0.34 | -1.18 | -0.67 | -0.59 | 1.20 | 0.55 | -0.30 | -0.86 | -1.17 | -0.81 | -1.28 |
| 210 | 0 | 0 | 0 | 0 | -1.16 | 0.12 | -1.27 | -0.88 | -1.09 | 1.04 | -0.76 | 1.03 | -0.83 | -1.17 | -0.81 | -0.11 |
| 224 | 0 | 1 | 0 | 0 | 1.06 | -2.23 | -1.33 | 0.30 | 0.05 | 1.20 | 0.78 | -1.08 | -0.91 | -1.17 | -0.81 | -1.75 |
| 225 | 0 | 0 | 0 | 0 | 1.01 | 0.02 | -1.04 | 0.51 | -0.35 | 1.13 | 0.85 | -0.89 | -1.51 | -1.17 | -0.81 | -1.53 |
| 226 | 0 | 0 | 0 | 0 | 0.42 | 1.04 | -1.04 | 0.25 | -0.44 | 0.49 | 0.16 | -0.04 | -0.74 | -1.17 | -0.81 | -0.36 |

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|-----|---|---|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 227 | 0 | 0 | 0 | 0 | -1.09 | 0.69 | -0.93 | 0.51 | -0.78 | 0.14 | -0.07 | 1.11 | 0.06 | -1.17 | -0.81 | 0.03 |
| 228 | 0 | 0 | 0 | NA | -1.16 | -0.88 | -0.26 | -0.61 | -1.15 | 0.04 | -1.22 | 1.16 | 0.22 | -1.17 | -0.81 | 0.36 |
| 238 | 0 | 0 | NA | NA | -1.04 | -0.76 | 0.89 | 1.91 | 0.04 | -1.82 | -0.30 | 0.87 | -0.11 | -1.17 | -0.81 | 0.98 |
| 239 | 0 | 0 | NA | NA | -0.36 | 0.47 | 0.89 | 2.07 | 0.46 | -1.72 | -0.07 | 0.42 | 0.62 | -1.17 | -0.81 | 0.83 |
| 241 | 0 | 0 | 0 | NA | 1.06 | 0.44 | -0.37 | 1.21 | 0.28 | -1.05 | 0.08 | -0.57 | 0.35 | -1.17 | -0.81 | 0.20 |
| 242 | 0 | 0 | 0 | 0 | 0.84 | 0.72 | -1.09 | 0.94 | -0.31 | 0.94 | 0.78 | -0.41 | -0.21 | -1.17 | -0.81 | -1.24 |
| 243 | 0 | 0 | 0 | 0 | -1.09 | 0.87 | -0.64 | 0.30 | -0.91 | 0.11 | -0.15 | 1.08 | -0.52 | -1.17 | -0.81 | -0.65 |
| 244 | 0 | 0 | 0 | NA | -1.16 | 1.24 | 0.14 | -0.56 | -1.05 | -0.18 | -0.45 | 1.14 | -0.11 | -1.17 | -0.81 | -0.53 |
| 245 | 0 | 0 | NA | NA | -1.16 | -0.28 | -0.11 | -0.29 | -1.15 | -0.18 | -0.68 | 1.19 | 0.71 | -1.17 | -0.81 | -0.21 |
| 255 | 0 | 0 | 0 | NA | -1.16 | 0.59 | 0.89 | 1.70 | -0.89 | -1.53 | -0.07 | 1.06 | -1.54 | -1.17 | -0.81 | 1.00 |
| 257 | 0 | 0 | 0 | 0 | -1.16 | -0.66 | -0.06 | 0.62 | -0.19 | -0.28 | 0.16 | 0.90 | 0.02 | -1.17 | -0.81 | 0.54 |
| 258 | 0 | 0 | NA | NA | -1.16 | -1.01 | -1.33 | -0.29 | -0.18 | 1.07 | 0.01 | 0.58 | -0.45 | -1.17 | -0.81 | 0.35 |
| 259 | 0 | 1 | 0 | 0 | 0.15 | 0.44 | -1.33 | -0.29 | -0.33 | 0.78 | 0.01 | 0.04 | -0.42 | -1.17 | -0.81 | 0.04 |
| 261 | 0 | 0 | 0 | NA | -1.16 | -1.36 | -1.33 | -1.53 | -1.04 | 1.26 | 0.16 | 0.74 | -0.50 | -1.17 | -0.81 | -1.98 |
| 273 | 0 | 0 | 0 | NA | -1.16 | -1.23 | 0.43 | -0.35 | -1.13 | 0.01 | -1.45 | 1.03 | -1.18 | -1.17 | -0.81 | 0.92 |
| 275 | 0 | 0 | 0 | 0 | -1.16 | -1.56 | -1.33 | -1.42 | -0.81 | 1.04 | -0.30 | 0.90 | -0.35 | -1.17 | -0.81 | 0.16 |
| 276 | 0 | 0 | 0 | 0 | -1.16 | 0.24 | -1.33 | -1.53 | -0.87 | 1.13 | -0.22 | 0.76 | -1.34 | -1.17 | -0.81 | -0.50 |
| 279 | 0 | 0 | 0 | NA | -1.16 | -0.76 | -1.33 | -2.17 | -1.05 | 1.23 | 0.08 | 0.74 | -1.47 | -1.17 | -0.81 | -1.42 |
| 362 | 0 | 0 | NA | NA | -1.16 | 1.64 | 0.89 | 0.41 | -0.95 | -1.88 | -4.53 | 1.03 | -0.78 | -1.06 | -0.81 | 0.20 |
| 363 | 0 | 0 | 0 | 0 | -1.16 | 1.77 | 0.89 | 0.62 | -1.14 | -1.17 | -0.61 | 1.16 | -0.89 | 0.60 | -0.81 | -0.84 |
| 364 | 0 | 0 | 0 | NA | -1.16 | -0.61 | 0.89 | -0.29 | -1.01 | -1.56 | -3.68 | 1.08 | -0.71 | -1.04 | -0.81 | -0.29 |
| 370 | 0 | 0 | 0 | 0 | -1.16 | 0.34 | 0.89 | 0.84 | -1.10 | -1.91 | -3.45 | 1.03 | -1.61 | -0.39 | -0.81 | 0.40 |
| 371 | 0 | 0 | 0 | 0 | -1.16 | -0.81 | 0.89 | 0.41 | -0.83 | -1.21 | -0.30 | 1.08 | -0.99 | 1.01 | -0.81 | 0.06 |
| 372 | 0 | 0 | 0 | 0 | -1.16 | 0.02 | 0.89 | -0.67 | -1.05 | -0.37 | -0.30 | 1.14 | 0.03 | 0.62 | -0.81 | 0.18 |
| 373 | 0 | 0 | 0 | NA | -1.16 | 2.07 | 0.89 | 0.30 | -1.05 | -1.27 | -3.15 | 1.16 | 0.82 | -0.80 | -0.81 | 0.55 |
| 378 | 0 | 0 | 0 | 0 | -1.16 | -1.01 | 0.89 | 0.14 | -1.06 | -0.92 | -0.53 | 1.08 | -1.00 | 0.62 | 0.07 | 0.71 |
| 380 | 0 | 0 | 0 | 0 | -1.16 | -0.78 | 0.89 | -0.13 | -0.51 | -0.79 | -0.07 | 1.06 | 0.32 | 1.01 | -0.81 | 0.61 |
| 381 | 0 | 0 | 0 | 0 | -1.16 | 0.07 | 0.89 | -0.99 | -0.97 | 0.36 | 0.24 | 1.14 | 1.13 | 0.90 | -0.81 | 0.55 |

CHEETAH_HRS_PAS

| Site | SO1 | SO2 | SO3 | SO4 | R | H | C | Bound | Sbl | Imp | AllPrey | Hum | Post | Hnt | Riv |
|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|
| 43 | 0 | 0 | 0 | 0 | 2.22 | 1.22 | 0.43 | 0.21 | 1.10 | -1.30 | -0.03 | -0.40 | 0.55 | 1.34 | 1.54 |
| 59 | 0 | 0 | 0 | 0 | 1.24 | 1.22 | 1.01 | -0.25 | 1.10 | -1.70 | -0.03 | -0.12 | -0.16 | 1.34 | 1.75 |
| 60 | 0 | 0 | 0 | 0 | -1.03 | 1.22 | 1.01 | 0.17 | 1.07 | -1.16 | 0.53 | -0.49 | -1.08 | 1.34 | 1.57 |
| 61 | 0 | 0 | 0 | 1 | 2.54 | 1.22 | 0.30 | 0.65 | 1.07 | -1.12 | 0.16 | -0.58 | -0.58 | 1.34 | 1.38 |
| 77 | 0 | 0 | 0 | 0 | -0.95 | 1.22 | 0.62 | 0.08 | 1.07 | -0.90 | 0.72 | -0.44 | -0.32 | 1.34 | 1.64 |
| 78 | 0 | 0 | 0 | 0 | 0.27 | 1.22 | 1.26 | 0.70 | 1.07 | -1.25 | 0.53 | -0.63 | -1.41 | 1.34 | 1.38 |
| 79 | 0 | 0 | 0 | 0 | 0.30 | 1.22 | 0.11 | 1.11 | 1.07 | -0.27 | 1.09 | -0.68 | -0.80 | 1.34 | 1.06 |
| 80 | 0 | 0 | 0 | 0 | -0.42 | 0.76 | 0.36 | 0.72 | 1.04 | -0.81 | -0.21 | -0.16 | 0.46 | 1.34 | 0.72 |
| 83 | 0 | 0 | 0 | 0 | -0.85 | -0.98 | -0.22 | -0.78 | -0.86 | 0.79 | -0.59 | 1.70 | 0.27 | 1.26 | -1.19 |
| 96 | 0 | 0 | . | . | -1.54 | 1.22 | 0.81 | 0.98 | 1.07 | -0.32 | 1.28 | -0.63 | -0.14 | 1.34 | 1.24 |
| 97 | 0 | 0 | 0 | 0 | 0.62 | 1.00 | 0.17 | 1.52 | 1.04 | -0.41 | 0.90 | -0.68 | 0.17 | 1.34 | 0.76 |
| 98 | 0 | 0 | 0 | 0 | -1.03 | -0.50 | -1.57 | 1.14 | -0.31 | 0.84 | 0.53 | -0.68 | 0.55 | 1.34 | -0.34 |
| 99 | 0 | 0 | 0 | 0 | -0.23 | -0.98 | -1.05 | 0.63 | -0.98 | 0.84 | -0.40 | -0.68 | -0.68 | 1.34 | -0.96 |
| 100 | 0 | 0 | 0 | 0 | 0.14 | -0.98 | 0.11 | 0.12 | -1.02 | 0.84 | -0.03 | -0.58 | -1.51 | 0.73 | -1.06 |
| 101 | 0 | 0 | 0 | 0 | 1.50 | -0.98 | -0.60 | -0.54 | -1.05 | 0.79 | -0.59 | -0.30 | -0.52 | -0.63 | -0.60 |
| 102 | 0 | 0 | 0 | 0 | -0.82 | -0.98 | -0.34 | -1.23 | -0.86 | 0.30 | -1.52 | 2.50 | 0.88 | 0.23 | -0.02 |
| 114 | 0 | 0 | 0 | 0 | -0.18 | 1.22 | -0.60 | 1.16 | 1.07 | 0.44 | 1.84 | -0.68 | 1.28 | 1.34 | 0.96 |
| 115 | 0 | 0 | 0 | 0 | -1.09 | 1.22 | -0.73 | 1.81 | 1.07 | 0.39 | 1.65 | -0.72 | 1.44 | 1.34 | 0.71 |
| 116 | 0 | 0 | 0 | 0 | 0.67 | 0.82 | -0.86 | 1.62 | 0.97 | 0.39 | 1.28 | -0.68 | 0.86 | 1.34 | 0.04 |
| 117 | 0 | 0 | 0 | 0 | -0.58 | -0.67 | -1.18 | 1.03 | -0.62 | 0.84 | 0.35 | -0.68 | -0.42 | 0.84 | -1.10 |
| 118 | 0 | 0 | 0 | 0 | 1.05 | -0.96 | -0.28 | 0.36 | -0.98 | 0.57 | -0.96 | -0.58 | -1.07 | -0.83 | -0.16 |
| 121 | 0 | 0 | 0 | 0 | 0.25 | -0.98 | -0.34 | -1.34 | -1.02 | 0.04 | -2.08 | 2.73 | 1.45 | -0.04 | 0.48 |
| 122 | 0 | 0 | 0 | . | 1.45 | -0.98 | -0.28 | -1.34 | -0.92 | -0.10 | -2.63 | 3.53 | 1.35 | 1.08 | 0.45 |
| 132 | 0 | 0 | 0 | 0 | 0.99 | 1.22 | -0.41 | 1.23 | 1.10 | -0.05 | 1.28 | -0.63 | 2.41 | 1.34 | 0.33 |
| 134 | 0 | 0 | . | . | -0.85 | 1.18 | 0.04 | 1.93 | 1.07 | 0.26 | 1.65 | -0.72 | 1.59 | 0.53 | -1.22 |
| 135 | 0 | 0 | 0 | . | -0.23 | 0.58 | -0.15 | 1.28 | 0.91 | -0.10 | 0.72 | -0.68 | 0.67 | -0.76 | -0.35 |
| 136 | 0 | 0 | 0 | 0 | 1.07 | -0.10 | -0.28 | 0.66 | 0.33 | -0.32 | -0.59 | -0.58 | 0.32 | -0.85 | 0.63 |
| 140 | 0 | 0 | 0 | 0 | -0.37 | -0.98 | -0.60 | -1.40 | -1.17 | 0.70 | -1.14 | 1.00 | -0.07 | -0.78 | 0.08 |
| 141 | 0 | 0 | 0 | 0 | -1.09 | -0.98 | -1.82 | -1.80 | -1.14 | 0.88 | -1.52 | 2.78 | 0.60 | 0.09 | -1.51 |
| 150 | 0 | 0 | 0 | 0 | 0.22 | 1.22 | 0.11 | 1.20 | 1.10 | -0.27 | 1.28 | -0.63 | 1.39 | -0.32 | 0.32 |
| 153 | 0 | 0 | . | . | -0.05 | 1.22 | -0.92 | 1.10 | 1.07 | -0.18 | 0.72 | -0.63 | 1.87 | -0.85 | 0.61 |
| 154 | 0 | 0 | 0 | 0 | 0.51 | -0.12 | -0.54 | 0.48 | 0.27 | 0.39 | 0.16 | -0.49 | 1.29 | -0.85 | 0.49 |
| 155 | 0 | 1 | 0 | . | -1.06 | -0.98 | -1.44 | -0.11 | -1.17 | 0.75 | -1.33 | -0.30 | 0.92 | -0.85 | 0.58 |
| 156 | 0 | 0 | 0 | 0 | 2.65 | -0.98 | -0.02 | -0.58 | -1.14 | 0.66 | -1.52 | 0.02 | 0.38 | -0.85 | 0.54 |
| 157 | 0 | 0 | 0 | 0 | 0.01 | -0.98 | -0.41 | -1.03 | -1.26 | 0.79 | -1.33 | 0.02 | -0.89 | -0.85 | 0.05 |
| 158 | 0 | 0 | 0 | 0 | -1.30 | -0.98 | 0.11 | -1.69 | -1.20 | 0.93 | -0.21 | 0.77 | -1.33 | -0.85 | -1.19 |
| 171 | 0 | 0 | . | . | 0.51 | 1.20 | 0.62 | 0.67 | 1.07 | -1.47 | -0.21 | -0.49 | 1.53 | -0.85 | 0.43 |
| 173 | 0 | 0 | 0 | 0 | -0.50 | -0.98 | -1.31 | -0.48 | -1.14 | 0.93 | -0.03 | -0.49 | -0.42 | -0.85 | -1.06 |
| 174 | 0 | 0 | 0 | 0 | -1.06 | -0.98 | -1.31 | -1.10 | -1.23 | 0.93 | -0.03 | -0.26 | -0.49 | -0.85 | -1.15 |
| 175 | 0 | 0 | 0 | 0 | -0.69 | -0.98 | -0.47 | -1.54 | -1.11 | 0.93 | -0.40 | 1.47 | -1.04 | -0.85 | -1.64 |
| 185 | 0 | 1 | 0 | . | 0.75 | 1.22 | 2.10 | -0.19 | 1.10 | -2.85 | -0.96 | 0.02 | -0.14 | -0.85 | 1.46 |
| 186 | 0 | 0 | 0 | 0 | -0.87 | 1.22 | 1.07 | 0.47 | 1.10 | -1.16 | 0.53 | -0.58 | -1.29 | -0.85 | 1.20 |

| | | | | | | | | | | | | | | | |
|-----|---|---|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 189 | 0 | 0 | 0 | 0 | 0.41 | 0.21 | 0.30 | 0.20 | 0.73 | 0.26 | 1.28 | -0.49 | 0.30 | -0.85 | -0.69 |
| 190 | 0 | 0 | 0 | 0 | -1.09 | -0.94 | -1.63 | -0.33 | -1.05 | 0.88 | -0.21 | -0.44 | -0.07 | -0.85 | -1.10 |
| 191 | 0 | 0 | 0 | 0 | -0.71 | -0.98 | -1.50 | -0.88 | -1.17 | 0.93 | -0.03 | -0.40 | -1.35 | -0.85 | -1.63 |
| 192 | 0 | 0 | 0 | 0 | 0.03 | -0.98 | -0.15 | -1.43 | -1.17 | 0.88 | -0.59 | 0.68 | -1.33 | -0.85 | -0.92 |
| 204 | 0 | 0 | 0 | 0 | 0.54 | 1.22 | 2.61 | 0.34 | 1.10 | -2.98 | -0.77 | -0.40 | -1.11 | -0.85 | 1.04 |
| 205 | 1 | 1 | 0 | 0 | -0.26 | 1.11 | 1.46 | 0.33 | 1.10 | -1.21 | 0.72 | -0.49 | -0.76 | -0.85 | 0.35 |
| 206 | 0 | 0 | 0 | . | -0.26 | -0.23 | 1.26 | -0.13 | 0.42 | 0.30 | 1.28 | -0.35 | -0.50 | -0.85 | -0.49 |
| 207 | 0 | 0 | 0 | . | -0.47 | -0.98 | 0.68 | -0.41 | -0.89 | -0.05 | -1.14 | -0.16 | -1.08 | -0.85 | -0.82 |
| 208 | 0 | 0 | 0 | 0 | -0.07 | -0.98 | -0.86 | -0.71 | -1.14 | 0.88 | -0.03 | -0.30 | -0.37 | -0.85 | -1.11 |
| 209 | 0 | 0 | 0 | 0 | 0.46 | -0.83 | -0.28 | -1.33 | -0.68 | 0.84 | -0.03 | 1.14 | -0.61 | -0.85 | -0.86 |
| 224 | 0 | 1 | 0 | 0 | -2.29 | -0.98 | 0.88 | -0.68 | -0.80 | 0.84 | 0.53 | -0.21 | -0.68 | -0.85 | -1.39 |
| 225 | 0 | 0 | 0 | 0 | 0.11 | -0.69 | 1.13 | -1.09 | -0.40 | 0.75 | 0.72 | 0.12 | -1.45 | -0.85 | -1.14 |
| 241 | 0 | 0 | 0 | . | 0.57 | -0.03 | 1.97 | -0.46 | 0.67 | -2.27 | -1.14 | 0.68 | 0.93 | -0.85 | 0.74 |
| 242 | 0 | 0 | 0 | 0 | 0.86 | -0.74 | 1.65 | -1.05 | -0.40 | 0.48 | 0.53 | 0.96 | 0.22 | -0.85 | -0.83 |

CHEETAH_HRS_NAT

| Site | SO1 | SO2 | SO3 | SO4 | R | H | C | Bound | Sbl | Imp | AllPrey | Hum | Post | Riv |
|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| 83 | 0 | 0 | 0 | 0 | -0.86 | -0.70 | -0.18 | 0.56 | -0.56 | 0.61 | -0.31 | 1.34 | 0.34 | -0.98 |
| 100 | 0 | 0 | 0 | 0 | 0.22 | -0.70 | 0.12 | 0.46 | -0.73 | 0.66 | 0.26 | -0.73 | -1.45 | -0.83 |
| 101 | 0 | 0 | 0 | 0 | 1.70 | -0.70 | -0.54 | -0.25 | -0.76 | 0.61 | -0.31 | -0.48 | -0.45 | -0.29 |
| 102 | 0 | 0 | 0 | 0 | -0.83 | -0.70 | -0.30 | -0.98 | -0.56 | 0.14 | -1.27 | 2.06 | 0.94 | 0.38 |
| 117 | 0 | 0 | 0 | 0 | -0.57 | -0.35 | -1.09 | 1.44 | -0.30 | 0.66 | 0.64 | -0.81 | -0.35 | -0.87 |
| 118 | 0 | 0 | 0 | 0 | 1.20 | -0.68 | -0.24 | 0.72 | -0.70 | 0.40 | -0.70 | -0.73 | -1.00 | 0.21 |
| 121 | 0 | 0 | 0 | 0 | 0.33 | -0.70 | -0.30 | -1.11 | -0.73 | -0.12 | -1.84 | 2.27 | 1.51 | 0.95 |
| 122 | 0 | 0 | 0 | . | 1.64 | -0.70 | -0.24 | -1.10 | -0.63 | -0.25 | -2.41 | 2.99 | 1.41 | 0.92 |
| 134 | 0 | 0 | . | . | -0.86 | 1.76 | 0.06 | 2.40 | 1.51 | 0.10 | 1.97 | -0.86 | 1.65 | -1.01 |
| 135 | 0 | 0 | 0 | . | -0.19 | 1.08 | -0.12 | 1.70 | 1.35 | -0.25 | 1.02 | -0.81 | 0.73 | -0.01 |
| 136 | 0 | 0 | 0 | 0 | 1.23 | 0.30 | -0.24 | 1.04 | 0.72 | -0.46 | -0.31 | -0.73 | 0.38 | 1.12 |
| 140 | 0 | 0 | 0 | 0 | -0.33 | -0.70 | -0.54 | -1.17 | -0.89 | 0.53 | -0.89 | 0.71 | 0.00 | 0.49 |
| 141 | 0 | 0 | 0 | 0 | -1.12 | -0.70 | -1.69 | -1.59 | -0.86 | 0.70 | -1.27 | 2.32 | 0.66 | -1.34 |
| 150 | 0 | 0 | 0 | 0 | 0.30 | 1.81 | 0.12 | 1.62 | 1.55 | -0.42 | 1.59 | -0.77 | 1.45 | 0.76 |
| 153 | 0 | 0 | . | . | 0.01 | 1.81 | -0.84 | 1.52 | 1.51 | -0.33 | 1.02 | -0.77 | 1.94 | 1.10 |
| 154 | 0 | 0 | 0 | 0 | 0.62 | 0.28 | -0.48 | 0.85 | 0.66 | 0.23 | 0.45 | -0.64 | 1.36 | 0.96 |
| 155 | 0 | 1 | 0 | . | -1.09 | -0.70 | -1.33 | 0.22 | -0.89 | 0.57 | -1.08 | -0.48 | 0.98 | 1.07 |
| 156 | 0 | 0 | 0 | 0 | 2.94 | -0.70 | 0.00 | -0.29 | -0.86 | 0.48 | -1.27 | -0.18 | 0.45 | 1.02 |
| 157 | 0 | 0 | 0 | 0 | 0.07 | -0.70 | -0.36 | -0.77 | -0.99 | 0.61 | -1.08 | -0.18 | -0.82 | 0.45 |
| 158 | 0 | 0 | 0 | 0 | -1.35 | -0.70 | 0.12 | -1.47 | -0.93 | 0.74 | 0.07 | 0.50 | -1.27 | -0.97 |
| 171 | 0 | 0 | . | . | 0.62 | 1.79 | 0.60 | 1.06 | 1.51 | -1.58 | 0.07 | -0.64 | 1.59 | 0.90 |
| 173 | 0 | 0 | 0 | 0 | -0.48 | -0.70 | -1.21 | -0.18 | -0.86 | 0.74 | 0.26 | -0.64 | -0.35 | -0.83 |
| 174 | 0 | 0 | 0 | 0 | -1.09 | -0.70 | -1.21 | -0.85 | -0.96 | 0.74 | 0.26 | -0.43 | -0.42 | -0.93 |
| 175 | 0 | 0 | 0 | 0 | -0.68 | -0.70 | -0.42 | -1.31 | -0.83 | 0.74 | -0.12 | 1.13 | -0.98 | -1.49 |
| 185 | 0 | 1 | 0 | . | 0.88 | 1.81 | 1.99 | 0.13 | 1.55 | -2.92 | -0.70 | -0.18 | -0.08 | 2.07 |
| 186 | 0 | 0 | 0 | 0 | -0.89 | 1.81 | 1.02 | 0.84 | 1.55 | -1.28 | 0.83 | -0.73 | -1.23 | 1.78 |
| 189 | 0 | 0 | 0 | 0 | 0.51 | 0.65 | 0.30 | 0.55 | 1.15 | 0.10 | 1.59 | -0.64 | 0.36 | -0.40 |
| 190 | 0 | 0 | 0 | 0 | -1.12 | -0.65 | -1.51 | -0.02 | -0.76 | 0.70 | 0.07 | -0.60 | 0.00 | -0.87 |
| 191 | 0 | 0 | 0 | 0 | -0.71 | -0.70 | -1.39 | -0.61 | -0.89 | 0.74 | 0.26 | -0.56 | -1.29 | -1.47 |
| 192 | 0 | 0 | 0 | 0 | 0.10 | -0.70 | -0.12 | -1.20 | -0.89 | 0.70 | -0.31 | 0.41 | -1.27 | -0.66 |
| 204 | 0 | 0 | 0 | 0 | 0.65 | 1.81 | 2.47 | 0.70 | 1.55 | -3.05 | -0.50 | -0.56 | -1.04 | 1.59 |
| 205 | 1 | 1 | 0 | 0 | -0.22 | 1.68 | 1.38 | 0.69 | 1.55 | -1.32 | 1.02 | -0.64 | -0.70 | 0.79 |

| | | | | | | | | | | | | | | |
|-----|---|---|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 206 | 0 | 0 | 0 | . | -0.22 | 0.15 | 1.20 | 0.19 | 0.82 | 0.14 | 1.59 | -0.52 | -0.44 | -0.17 |
| 207 | 0 | 0 | 0 | . | -0.45 | -0.70 | 0.66 | -0.10 | -0.60 | -0.20 | -0.89 | -0.35 | -1.02 | -0.54 |
| 208 | 0 | 0 | 0 | 0 | -0.02 | -0.70 | -0.78 | -0.42 | -0.86 | 0.70 | 0.26 | -0.48 | -0.31 | -0.88 |
| 209 | 0 | 0 | 0 | 0 | 0.57 | -0.53 | -0.24 | -1.09 | -0.37 | 0.66 | 0.26 | 0.84 | -0.55 | -0.59 |
| 224 | 0 | 1 | 0 | 0 | -2.42 | -0.70 | 0.84 | -0.40 | -0.50 | 0.66 | 0.83 | -0.39 | -0.62 | -1.20 |
| 225 | 0 | 0 | 0 | 0 | 0.19 | -0.38 | 1.08 | -0.83 | -0.07 | 0.57 | 1.02 | -0.10 | -1.39 | -0.92 |
| 241 | 0 | 0 | 0 | . | 0.68 | 0.38 | 1.87 | -0.15 | 1.09 | -2.36 | -0.89 | 0.41 | 0.99 | 1.25 |
| 242 | 0 | 0 | 0 | 0 | 1.00 | -0.43 | 1.56 | -0.79 | -0.07 | 0.31 | 0.83 | 0.67 | 0.28 | -0.55 |

CHEETAH_TUS

| Site | SO1 | SO2 | SO3 | SO4 | R | C | Sbl | Kud | Imp | Hum | AllPrey | Bound | Post | Riv |
|--------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| 25_01 | 0 | 0 | 0 | 0 | -1.02 | -0.80 | 0.36 | -0.31 | -0.22 | 0.07 | 0.26 | 0.20 | 1.17 | 0.67 |
| 25_02 | 0 | 0 | 0 | 0 | -0.95 | -1.27 | 0.27 | 0.06 | -0.03 | 0.07 | 0.50 | 0.18 | 1.19 | 0.70 |
| 25_03 | 0 | 0 | 0 | 0 | 0.06 | -0.90 | 0.36 | 0.00 | -0.22 | 0.07 | 0.42 | 0.22 | 1.25 | 0.71 |
| 25_04 | 0 | 0 | 0 | 0 | 0.66 | -0.01 | 0.48 | -0.19 | -0.48 | 0.02 | 0.26 | 0.26 | 1.18 | 0.73 |
| 25_05 | 0 | 0 | 1 | 0 | 1.45 | 0.29 | 0.57 | -0.31 | -0.71 | -0.09 | 0.17 | 0.30 | 1.04 | 0.75 |
| 25_06 | 0 | 0 | 0 | 0 | 2.63 | 0.65 | 0.78 | -0.25 | -1.05 | -0.25 | 0.09 | 0.35 | 0.92 | 0.76 |
| 25_07 | 0 | 0 | 0 | 0 | 3.04 | -0.60 | 0.57 | 0.31 | -0.63 | -0.25 | 0.42 | 0.39 | 0.84 | 0.77 |
| 25_08 | 0 | 0 | 0 | 0 | 3.40 | 0.59 | 0.61 | -0.68 | -0.82 | -0.25 | -0.07 | 0.33 | 0.81 | 0.79 |
| 61_01 | 0 | 0 | 0 | 0 | -1.02 | -0.77 | 0.36 | -0.19 | -0.06 | -1.08 | 0.50 | 1.96 | -0.85 | 0.52 |
| 61_02 | 0 | 0 | 0 | 0 | 0.01 | -1.23 | 0.23 | 0.00 | 0.24 | -1.08 | 0.66 | 1.95 | -0.74 | 0.53 |
| 61_03 | 0 | 0 | 0 | 0 | 1.47 | -0.31 | 0.40 | -0.37 | -0.22 | -1.08 | 0.42 | 1.92 | -0.63 | 0.55 |
| 61_04 | 0 | 0 | 0 | 0 | 1.03 | -0.31 | 0.48 | -0.06 | -0.33 | -1.03 | 0.42 | 1.84 | -0.52 | 0.56 |
| 61_05 | 0 | 0 | . | . | -0.08 | -0.27 | 0.53 | -0.25 | -0.48 | -1.03 | 0.34 | 1.76 | -0.43 | 0.58 |
| 61_06 | 0 | 0 | 0 | 0 | 0.10 | -1.43 | 0.15 | -0.06 | 0.35 | -0.98 | 0.50 | 1.24 | -1.15 | 0.73 |
| 61_07 | 0 | 0 | 0 | 0 | -0.90 | -1.56 | 0.10 | -0.25 | 0.50 | -0.98 | 0.58 | 1.23 | -1.01 | 0.74 |
| 61_08 | 0 | 0 | 0 | 0 | -0.78 | -1.13 | 0.10 | -0.62 | 0.50 | -0.92 | 0.42 | 1.23 | -0.88 | 0.74 |
| 61_09 | 0 | 0 | 0 | 0 | -0.85 | -1.46 | 0.02 | -0.62 | 0.65 | -0.92 | 0.50 | 1.20 | -0.75 | 0.76 |
| 61_10 | 0 | 0 | 1 | 0 | -1.01 | -1.37 | 0.15 | -0.43 | 0.43 | -0.87 | 0.50 | 1.13 | -0.64 | 0.78 |
| 63_01 | 0 | 0 | 0 | 0 | -0.90 | -0.01 | 0.86 | 0.75 | -0.37 | 0.59 | 0.34 | 0.72 | 0.72 | 0.26 |
| 63_02 | 0 | 0 | 0 | 1 | -0.95 | -0.04 | 0.74 | 0.81 | -0.03 | 0.75 | 0.50 | 0.64 | 0.80 | 0.20 |
| 63_03 | 0 | 0 | 0 | 0 | -1.07 | -0.67 | 0.15 | 0.88 | 0.77 | 0.80 | 0.50 | 0.55 | 0.78 | 0.14 |
| 63_04 | 0 | 0 | 0 | 0 | -1.09 | -0.64 | -0.11 | 0.88 | 0.84 | 0.80 | 0.34 | 0.52 | 0.68 | 0.09 |
| 63_05 | 0 | 0 | 0 | 0 | -1.07 | -0.37 | -0.02 | 0.88 | 0.65 | 0.69 | 0.26 | 0.52 | 0.55 | 0.03 |
| 63_06 | 0 | 0 | 0 | 0 | -1.10 | -0.60 | -0.11 | 0.88 | 0.84 | 0.64 | 0.34 | 0.51 | 0.43 | -0.04 |
| 63_07 | 0 | 0 | 0 | 0 | -1.09 | -0.47 | -0.06 | 0.88 | 0.69 | 0.64 | 0.26 | 0.46 | 0.32 | -0.13 |
| 63_08 | 0 | 0 | 0 | 0 | -1.06 | -0.21 | 0.02 | 0.88 | 0.58 | 0.59 | 0.26 | 0.39 | 0.21 | -0.24 |
| 63_09 | 0 | 0 | 0 | 0 | -0.82 | -1.03 | -0.23 | 0.88 | 1.07 | 0.69 | 0.42 | 0.30 | 0.16 | -0.36 |
| 64_01 | 0 | 0 | 0 | 0 | 0.22 | -1.27 | -0.32 | 0.88 | 1.03 | 0.90 | 0.09 | -0.01 | 0.20 | -0.53 |
| 64_02 | 0 | 0 | 0 | 0 | 0.52 | -0.51 | -0.06 | 0.88 | 0.46 | 0.90 | -0.07 | -0.12 | 0.23 | -0.54 |
| 64_03 | 0 | 0 | 0 | 0 | 0.70 | -0.24 | -0.06 | 0.88 | 0.46 | 1.01 | 0.01 | -0.23 | 0.28 | -0.49 |
| 92_01 | 0 | 0 | 0 | 0 | 0.79 | 0.88 | 0.69 | -0.93 | -0.93 | 0.17 | 0.01 | -1.87 | -1.03 | 1.21 |
| 92_02 | 0 | 1 | 1 | 0 | 0.58 | 0.55 | 0.69 | -0.25 | -0.97 | 0.12 | 0.26 | -1.80 | -0.89 | 1.20 |
| 129_01 | 0 | 0 | 0 | 0 | 0.58 | 1.31 | 0.95 | -0.43 | -1.27 | 0.38 | 0.09 | -0.91 | 0.91 | 1.00 |
| 129_02 | 0 | 0 | 0 | 0 | 1.04 | 1.21 | 0.86 | -0.43 | -1.16 | 0.43 | 0.01 | -0.80 | 1.04 | 0.99 |
| 129_03 | 0 | 0 | 0 | 0 | 1.32 | 1.44 | 0.86 | -0.87 | -1.20 | 0.43 | -0.15 | -0.69 | 1.16 | 0.97 |
| 129_04 | 1 | 1 | 1 | 0 | 1.92 | 0.49 | 0.78 | 0.13 | -1.01 | 0.43 | 0.17 | -0.58 | 1.30 | 0.96 |
| 147_01 | 0 | 0 | 0 | 0 | -0.73 | 1.64 | 1.24 | 0.75 | -1.35 | 1.53 | -0.07 | 0.02 | 1.99 | 0.87 |
| 147_02 | 0 | 0 | 0 | 0 | 0.02 | 1.58 | 1.24 | 0.81 | -1.35 | 1.48 | -0.15 | 0.10 | 2.05 | 0.85 |
| 147_03 | 0 | 0 | 0 | 0 | -0.90 | 0.65 | 1.03 | 0.75 | -1.01 | 1.63 | -0.07 | 0.20 | 2.15 | 0.83 |
| 147_04 | 0 | 0 | 0 | 0 | -1.07 | 0.09 | 1.03 | 0.81 | -0.93 | 1.68 | 0.09 | 0.28 | 2.25 | 0.82 |
| 147_05 | 0 | 0 | 0 | 0 | -0.29 | 1.31 | 1.24 | 0.81 | -1.35 | 1.37 | -0.15 | 0.39 | 2.19 | 0.82 |
| 147_06 | 0 | 0 | . | . | 0.89 | 1.64 | 1.32 | 0.81 | -1.42 | 1.11 | -0.07 | 0.48 | 2.09 | 0.81 |
| 147_07 | 0 | 0 | 0 | 0 | -0.67 | 1.51 | 1.20 | 0.75 | -1.23 | 1.63 | -0.07 | -0.06 | 1.92 | 0.90 |
| 147_08 | 0 | 0 | 1 | 0 | -0.90 | 0.16 | 0.90 | 0.81 | -0.52 | 1.84 | 0.26 | -0.14 | 1.86 | 0.93 |
| 147_09 | 0 | 0 | 0 | 0 | -0.34 | 1.58 | 1.11 | 0.75 | -1.16 | 1.74 | 0.01 | -0.23 | 1.79 | 0.95 |
| 147_10 | 0 | 0 | 0 | 0 | 0.98 | 1.48 | 1.20 | 0.81 | -1.31 | 1.63 | -0.07 | -0.30 | 1.73 | 0.98 |
| 147_11 | 0 | 0 | . | . | 2.00 | 1.68 | 1.32 | 0.88 | -1.46 | 1.48 | 0.01 | -0.37 | 1.67 | 0.99 |
| 155_01 | 0 | 0 | 0 | 0 | 1.17 | 0.16 | -0.95 | 0.63 | 1.18 | -0.35 | 0.26 | -0.02 | -0.20 | -0.13 |
| 155_02 | 0 | 0 | 0 | 0 | 0.98 | 0.25 | -0.95 | 0.63 | 1.22 | -0.35 | 0.26 | -0.02 | -0.11 | -0.07 |

| | | | | | | | | | | | | | | |
|--------|---|---|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 155_04 | 0 | 0 | 0 | 0 | -0.23 | -1.27 | -1.12 | 0.44 | 1.60 | -0.40 | 0.42 | 0.30 | -0.11 | -0.35 |
| 155_05 | 0 | 1 | 0 | 0 | -0.42 | -1.23 | -1.12 | 0.50 | 1.56 | -0.45 | 0.50 | 0.42 | 0.01 | -0.30 |
| 155_06 | 0 | 0 | 0 | 0 | -0.65 | -1.10 | -1.07 | 0.56 | 1.52 | -0.45 | 0.50 | 0.54 | 0.11 | -0.27 |
| 155_07 | 0 | 0 | 0 | 0 | -0.59 | -1.27 | -1.03 | 0.56 | 1.48 | -0.45 | 0.50 | 0.66 | 0.22 | -0.24 |
| 155_08 | 0 | 0 | . | . | -0.33 | -1.40 | -1.03 | 0.56 | 1.44 | -0.51 | 0.50 | 0.75 | 0.30 | -0.22 |
| 159_01 | 0 | 0 | 0 | 1 | -0.05 | 0.19 | -0.53 | 0.88 | 1.41 | 1.74 | 0.50 | -2.03 | -0.87 | -1.66 |
| 159_02 | 0 | 0 | 0 | 0 | -0.60 | -1.13 | -1.92 | 0.25 | 0.77 | 2.52 | -1.54 | -2.04 | -0.73 | -1.44 |
| 159_03 | 0 | 0 | 0 | 0 | -0.29 | -1.40 | -2.34 | -3.31 | 0.01 | -1.39 | -3.34 | -1.96 | -0.60 | -1.29 |
| 159_04 | 0 | 0 | 0 | 0 | 0.86 | -0.70 | -2.29 | -2.93 | 0.35 | -1.39 | -3.09 | -2.05 | -0.93 | -1.43 |
| 159_05 | 0 | 0 | 0 | 1 | 1.42 | -0.27 | -2.34 | -2.99 | 0.24 | -1.39 | -3.17 | -1.99 | -0.95 | -1.08 |
| 159_06 | 0 | 0 | 0 | 0 | -0.20 | 0.39 | -2.34 | -2.74 | 0.20 | -1.39 | -3.09 | -1.88 | -0.31 | -0.10 |
| 159_07 | 0 | 0 | 0 | 0 | -0.87 | -0.14 | -2.34 | -2.74 | 0.16 | -1.39 | -3.09 | -1.92 | -0.44 | -0.12 |
| 159_08 | 0 | 0 | 0 | 0 | -0.64 | -0.97 | -2.34 | -3.06 | 0.27 | -1.39 | -3.17 | -1.95 | -0.57 | -0.18 |
| 159_09 | 0 | 0 | 0 | 0 | -0.13 | -1.13 | -2.34 | -3.24 | 0.31 | -1.39 | -3.17 | -2.01 | -0.70 | -0.23 |
| 159_10 | 0 | 0 | 0 | 0 | -0.48 | -1.03 | -2.17 | -0.93 | 0.58 | 2.73 | -2.28 | -2.05 | -0.83 | -0.31 |
| 185_01 | 0 | 0 | 0 | 0 | -0.87 | 1.31 | 0.95 | -0.31 | -1.23 | -0.98 | 0.09 | 0.74 | -0.98 | 0.66 |
| 185_02 | 0 | 0 | 0 | 0 | -0.22 | 1.61 | 1.03 | -0.25 | -1.31 | -0.92 | 0.09 | 0.65 | -0.86 | 0.69 |
| 185_03 | 0 | 0 | 0 | 0 | 0.85 | 0.98 | 0.90 | -0.12 | -1.16 | -0.82 | 0.09 | 0.54 | -0.73 | 0.72 |
| 185_04 | 0 | 0 | 0 | 1 | 1.20 | 0.78 | 0.95 | 0.31 | -1.27 | -0.82 | 0.17 | 0.45 | -0.59 | 0.75 |
| 185_05 | 0 | 0 | 0 | 0 | -0.27 | 1.08 | 0.95 | 0.19 | -1.23 | -0.77 | 0.17 | 0.39 | -0.46 | 0.76 |
| 185_06 | 0 | 0 | 0 | 0 | -0.89 | 0.98 | 0.95 | 0.19 | -1.23 | -0.71 | 0.26 | 0.30 | -0.33 | 0.77 |
| 185_07 | 0 | 0 | 0 | 0 | 0.19 | 1.08 | 0.99 | 0.13 | -1.31 | -0.66 | 0.17 | 0.19 | -0.20 | 0.79 |
| 205_01 | 0 | 0 | 0 | 0 | -0.30 | 0.82 | 0.06 | 0.44 | -0.37 | -0.77 | 0.17 | 0.60 | -0.41 | -0.86 |
| 205_02 | 1 | 0 | 0 | 0 | 0.08 | -0.08 | 0.53 | -0.43 | -0.56 | -0.77 | 0.26 | 0.70 | -0.52 | -0.65 |
| 205_03 | 0 | 0 | 0 | 0 | 0.99 | -0.04 | 0.53 | -0.12 | -0.52 | -0.82 | 0.34 | 0.81 | -0.65 | -0.47 |
| 205_04 | 0 | 0 | 0 | 1 | 1.29 | 0.35 | 0.69 | 0.06 | -0.86 | -0.92 | 0.34 | 0.92 | -0.77 | -0.33 |
| 205_05 | 0 | 0 | 0 | 0 | 0.99 | 1.31 | 0.90 | -0.50 | -1.20 | -0.98 | 0.01 | 1.00 | -0.85 | -0.21 |
| 205_06 | 0 | 0 | 0 | 0 | -0.16 | 1.58 | 0.95 | -0.93 | -1.20 | -0.98 | 0.01 | 1.05 | -0.88 | -0.11 |
| 205_07 | 0 | 0 | 0 | 0 | -0.98 | 1.51 | 0.99 | -0.81 | -1.20 | -0.98 | 0.17 | 1.12 | -0.92 | -0.03 |
| 205_08 | 0 | 0 | 0 | 0 | -1.09 | 1.21 | 0.95 | -0.37 | -1.16 | -1.03 | 0.34 | 1.21 | -0.98 | 0.05 |
| 224_01 | 0 | 0 | 0 | 0 | -1.01 | -0.57 | -0.74 | 0.06 | 1.75 | -0.35 | 1.48 | -0.36 | -1.43 | -3.49 |
| 224_02 | 0 | 0 | 0 | 0 | -0.87 | -0.51 | -0.86 | 0.13 | 1.75 | -0.40 | 1.32 | -0.29 | -1.30 | -2.79 |
| 224_03 | 0 | 0 | 0 | 0 | -0.72 | 0.25 | -0.65 | 0.19 | 1.22 | -0.51 | 0.99 | -0.20 | -1.16 | -2.46 |
| 224_04 | 0 | 1 | 0 | 0 | -0.50 | -0.47 | -0.95 | 0.19 | 1.63 | -0.45 | 0.91 | -0.11 | -1.05 | -2.53 |
| 224_05 | 0 | 0 | 0 | 0 | -0.09 | -1.03 | -0.95 | 0.25 | 1.60 | -0.51 | 0.91 | 0.00 | -0.95 | -2.43 |
| 224_06 | 0 | 0 | 0 | 0 | -0.20 | -0.54 | -0.65 | 0.38 | 1.22 | -0.56 | 0.99 | 0.11 | -0.85 | -2.51 |
| 224_07 | 0 | 0 | 0 | 0 | -0.83 | 0.32 | -0.74 | 0.38 | 1.44 | -0.35 | 1.24 | -0.61 | -1.27 | -2.12 |
| 224_08 | 0 | 0 | 0 | 0 | -0.87 | 0.19 | -0.65 | -0.12 | 1.29 | -0.30 | 0.91 | -0.64 | -1.15 | -2.21 |
| 259_01 | 0 | 0 | 0 | 0 | -0.60 | 0.06 | -0.40 | 0.63 | 0.20 | -0.14 | 0.17 | -0.40 | 0.02 | 0.14 |
| 259_02 | 0 | 0 | 0 | 0 | -0.33 | 1.11 | -0.19 | 0.31 | -0.33 | -0.19 | -0.23 | -0.51 | -0.11 | 0.15 |
| 259_03 | 0 | 0 | 0 | 0 | 1.15 | 1.48 | -0.19 | 0.31 | -0.40 | -0.19 | -0.32 | -0.64 | -0.25 | 0.10 |
| 259_04 | 0 | 0 | 0 | 0 | 1.60 | 1.05 | -0.36 | 0.38 | 0.09 | -0.14 | 0.01 | -0.74 | -0.38 | 0.07 |
| 259_05 | 0 | 1 | 1 | 0 | 0.12 | 0.32 | -0.02 | 0.81 | 0.16 | 0.95 | 0.17 | -0.83 | -0.51 | 0.03 |
| 259_06 | 0 | 0 | 0 | 0 | -0.81 | -1.50 | -0.40 | 0.88 | 1.29 | 1.11 | 0.42 | -0.91 | -0.63 | 0.01 |
| 259_07 | 0 | 0 | 0 | 0 | 0.25 | -1.43 | -0.40 | 0.88 | 1.18 | 1.06 | 0.17 | -0.95 | -0.73 | 0.03 |
| 259_08 | 0 | 0 | 0 | 0 | -0.01 | -1.00 | -0.44 | 0.88 | 1.26 | 1.06 | 0.17 | -0.97 | -0.82 | 0.06 |
| 259_09 | 0 | 0 | 0 | 0 | -0.82 | -1.40 | -0.48 | 0.88 | 1.37 | 1.06 | 0.26 | -1.03 | -0.92 | 0.02 |