

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | Spectroscopic Inversion | | | Spectroscopic T_{eff} | | | | | | | |
|-------|--------|------|----------|-----------|------|-------------------------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------|------|------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | | | | |
| 343 | 225197 | 9101 | 1.04 | 0.18 | 1.20 | 0.61 | 1.66 | 2.47 | 1.77 | 0.69 | 1.63 | 2.73 | 1.47 | 0.68 | 1.63 | 2.65 |
| 379 | 225216 | 9104 | 0.76 | 0.12 | 1.60 | 0.34 | 1.77 | 2.51 | 2.04 | 0.39 | 1.75 | 2.67 | 1.29 | 0.41 | 1.74 | 2.48 |
| 729 | 448 | 22 | 0.81 | 0.14 | 1.40 | 0.39 | 1.75 | 2.49 | 2.68 | 0.46 | 1.72 | 2.83 | 1.29 | 0.45 | 1.73 | 2.51 |
| 2926 | 3411 | 156 | 1.12 | 0.19 | 1.06 | 0.55 | 1.69 | 2.33 | 1.48 | 0.68 | 1.64 | 2.59 | 1.31 | 0.68 | 1.64 | 2.54 |
| 3031 | 3546 | 163 | 0.80 | 0.09 | 1.79 | 0.53 | 1.70 | 2.76 | 1.83 | 0.57 | 1.68 | 2.80 | 1.84 | 0.57 | 1.68 | 2.80 |
| 3786 | 4656 | 224 | -0.42 | 0.16 | 1.24 | -1.49 | 2.50 | 0.00 | 1.46 | -1.14 | 2.36 | 1.72 | 1.50 | -1.13 | 2.36 | 1.74 |
| 3834 | 4732 | 228 | 2.14 | 0.12 | 1.50 | 1.83 | 1.17 | 3.16 | 2.27 | 1.89 | 1.15 | 3.39 | 1.56 | 1.87 | 1.16 | 3.22 |
| 4587 | 5722 | 279 | 0.69 | 0.20 | 1.88 | 0.40 | 1.75 | 2.69 | 2.43 | 0.43 | 1.74 | 2.83 | 1.92 | 0.43 | 1.74 | 2.73 |
| 4801 | 6037 | | 1.82 | 0.16 | 1.08 | 1.25 | 1.41 | 2.62 | 1.16 | 1.38 | 1.35 | 2.77 | 1.13 | 1.39 | 1.35 | 2.76 |
| 4906 | 6186 | 294 | 0.45 | 0.10 | 1.89 | 0.14 | 1.85 | 2.57 | 2.27 | 0.17 | 1.84 | 2.68 | 1.97 | 0.16 | 1.84 | 2.61 |
| 5170 | 6559 | 320 | 0.97 | 0.21 | 1.46 | 0.51 | 1.70 | 2.53 | 1.49 | 0.59 | 1.67 | 2.60 | 1.39 | 0.59 | 1.67 | 2.57 |
| 5586 | 7106 | 352 | 1.04 | 0.09 | 1.24 | 0.60 | 1.67 | 2.48 | 1.51 | 0.64 | 1.65 | 2.62 | 1.43 | 0.66 | 1.64 | 2.60 |
| 5936 | 7578 | 371 | 1.13 | 0.20 | 1.14 | 0.62 | 1.66 | 2.42 | 1.53 | 0.71 | 1.62 | 2.64 | 1.42 | 0.71 | 1.62 | 2.61 |
| 6537 | 8512 | 402 | 0.87 | 0.06 | 1.23 | 0.41 | 1.74 | 2.42 | 1.42 | 0.49 | 1.71 | 2.54 | 1.14 | 0.44 | 1.73 | 2.42 |
| 6605 | 8599 | 406 | 1.59 | 0.13 | 1.71 | 1.34 | 1.37 | 3.01 | 2.13 | 1.31 | 1.38 | 3.11 | 1.69 | 1.31 | 1.38 | 3.01 |
| 6732 | 8763 | 414 | 0.64 | 0.16 | 1.67 | 0.14 | 1.85 | 2.41 | 1.88 | 0.22 | 1.82 | 2.53 | 1.48 | 0.23 | 1.82 | 2.43 |
| 6999 | 9057 | 430 | 0.53 | 0.15 | 1.67 | 0.20 | 1.83 | 2.53 | 3.93 | 0.26 | 1.80 | 2.97 | 1.85 | 0.24 | 1.81 | 2.64 |
| 7007 | 9138 | 434 | -0.38 | 0.18 | 1.51 | -1.24 | 2.40 | 1.62 | 2.65 | -1.01 | 2.31 | 2.07 | 1.51 | -0.98 | 2.30 | 1.84 |
| 7294 | 9408 | 442 | 0.71 | 0.09 | 1.30 | 0.36 | 1.76 | 2.48 | 1.88 | 0.39 | 1.75 | 2.67 | 1.45 | 0.39 | 1.75 | 2.56 |
| 8198 | 10761 | 510 | -0.22 | 0.15 | 2.87 | -0.51 | 2.11 | 2.51 | 6.04 | -0.46 | 2.09 | 2.89 | 2.84 | -0.47 | 2.10 | 2.56 |
| 8404 | 11037 | 527 | 0.90 | 0.19 | 1.40 | 0.54 | 1.69 | 2.60 | 2.16 | 0.63 | 1.66 | 2.85 | 1.61 | 0.55 | 1.69 | 2.69 |
| 8423 | 10975 | 521 | 1.07 | 0.15 | 1.63 | 0.73 | 1.62 | 2.74 | 2.14 | 0.80 | 1.59 | 2.92 | 1.89 | 0.80 | 1.59 | 2.87 |
| 9440 | 12438 | 594 | 0.69 | 0.14 | 1.91 | 0.44 | 1.73 | 2.76 | 1.73 | 0.46 | 1.73 | 2.72 | 1.78 | 0.46 | 1.72 | 2.74 |
| 9586 | 12173 | 579 | 1.00 | 0.14 | ... | 0.76 | 1.60 | ... | 3.02 | 1.08 | 1.48 | 4.00 | 1.93 | 1.08 | 1.48 | 3.81 |
| 9862 | 13004 | | 1.80 | 0.15 | 1.10 | 1.33 | 1.38 | 2.68 | 0.64 | 1.33 | 1.38 | 2.47 | 1.11 | 1.35 | 1.37 | 2.72 |
| 9884 | 12929 | 617 | 0.47 | 0.04 | 1.77 | -0.05 | 1.93 | 2.34 | 2.13 | -0.01 | 1.91 | 2.45 | 1.66 | -0.02 | 1.91 | 2.34 |
| 10642 | 14129 | 666 | 0.42 | 0.21 | 1.99 | 0.14 | 1.85 | 2.61 | 4.78 | 0.17 | 1.84 | 3.03 | 2.36 | 0.16 | 1.84 | 2.72 |
| 11313 | 14872 | 699 | -0.39 | 0.16 | ... | ... | ... | ... | 1.66 | -1.12 | 2.35 | 1.78 | 1.48 | -1.10 | 2.35 | 1.73 |
| 11840 | 15755 | 738 | 1.34 | 0.21 | 1.32 | 0.91 | 1.55 | 2.64 | 1.67 | 0.93 | 1.54 | 2.77 | 1.46 | 0.92 | 1.54 | 2.71 |
| 11924 | 15866 | | 2.91 | 0.23 | 1.34 | 2.76 | 0.80 | 3.68 | 2.23 | 2.87 | 0.76 | 4.05 | 1.35 | 2.85 | 0.77 | 3.83 |
| 12273 | 15920 | 743 | 0.71 | 0.09 | 1.91 | 0.46 | 1.72 | 2.77 | 4.80 | 0.50 | 1.71 | 3.21 | 1.79 | 0.49 | 1.71 | 2.78 |
| 13061 | 17361 | 824 | 0.79 | 0.10 | 1.32 | 0.25 | 1.81 | 2.36 | 2.19 | 0.39 | 1.75 | 2.67 | 1.44 | 0.32 | 1.78 | 2.46 |
| 13197 | 17713 | 844 | 0.92 | 0.21 | 1.43 | 0.45 | 1.73 | 2.49 | 1.59 | 0.53 | 1.70 | 2.60 | 1.11 | 0.52 | 1.70 | 2.44 |
| 13288 | 17824 | 850 | 1.01 | 0.08 | 2.10 | 0.77 | 1.60 | 2.92 | 4.83 | 0.80 | 1.59 | 3.33 | 1.63 | 0.80 | 1.59 | 2.86 |
| 13907 | 18650 | 900 | 1.06 | 0.16 | 1.36 | 0.68 | 1.63 | 2.59 | 2.48 | 0.73 | 1.61 | 2.92 | 1.85 | 0.73 | 1.61 | 2.79 |
| 14315 | 19121 | 926 | 0.97 | 0.22 | 1.42 | 0.56 | 1.68 | 2.56 | 1.25 | 0.61 | 1.66 | 2.55 | 1.34 | 0.59 | 1.67 | 2.57 |
| 14439 | 19270 | 931 | 0.69 | 0.17 | 1.61 | 0.25 | 1.81 | 2.47 | 2.32 | 0.32 | 1.78 | 2.69 | 1.29 | 0.34 | 1.77 | 2.45 |
| 14668 | 19476 | 941 | 1.12 | 0.05 | 1.86 | 0.79 | 1.59 | 2.82 | 3.12 | 0.86 | 1.56 | 3.12 | 1.88 | 0.85 | 1.57 | 2.90 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | |
|-------|-------|------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------------------------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 15004 | 19845 | 956 | 1.02 | 0.14 | 1.99 | 0.72 | 1.62 | 2.82 | 3.36 | 0.77 | 1.60 | 3.12 | 2.17 | 0.77 | 1.60 | 2.93 |
| 15900 | 21120 | 1030 | -0.44 | 0.18 | 3.00 | -0.68 | 2.18 | 2.51 | 6.62 | -0.65 | 2.17 | 2.90 | 3.10 | -0.65 | 2.17 | 2.57 |
| 16142 | 21530 | 1050 | 0.65 | 0.20 | 1.63 | 0.18 | 1.83 | 2.43 | 3.32 | 0.28 | 1.80 | 2.83 | 1.32 | 0.29 | 1.79 | 2.44 |
| 16274 | 21760 | 0 | 1.80 | 0.17 | 1.15 | 1.38 | 2.56 | 2.77 | 1.77 | 1.42 | 1.34 | 3.01 | 1.32 | 1.42 | 1.34 | 2.88 |
| 16335 | 21552 | 1052 | -0.82 | 0.20 | 1.82 | -1.64 | 2.56 | 1.56 | 2.25 | -1.48 | 2.50 | 1.80 | 2.15 | -1.44 | 2.48 | 1.80 |
| 17408 | 23183 | 1132 | 1.00 | 0.21 | 1.71 | 0.67 | 1.64 | 2.72 | 1.36 | 0.70 | 1.63 | 2.66 | 2.06 | 0.73 | 1.62 | 2.85 |
| 17595 | 23526 | 1159 | 0.86 | 0.19 | 1.37 | 0.49 | 1.71 | 2.56 | 2.17 | 0.56 | 1.68 | 2.81 | 1.44 | 0.53 | 1.70 | 2.62 |
| 19036 | 25627 | | 1.51 | 0.20 | 1.23 | 1.06 | 1.48 | 2.66 | 1.42 | 1.09 | 1.47 | 2.75 | 1.26 | 1.10 | 1.47 | 2.70 |
| 19601 | 26625 | | 1.30 | 0.19 | ... | ... | ... | ... | 3.50 | 1.05 | 1.49 | 3.25 | 1.97 | 1.06 | 1.48 | 3.00 |
| 19641 | 26546 | 1295 | 1.38 | 0.24 | 1.30 | 0.96 | 1.53 | 2.65 | 1.61 | 1.03 | 1.50 | 2.83 | 1.67 | 1.05 | 1.49 | 2.85 |
| 19983 | 26755 | 1313 | 1.19 | 0.13 | 1.50 | 0.73 | 1.62 | 2.61 | 2.23 | 0.79 | 1.59 | 2.84 | 1.58 | 0.79 | 1.59 | 2.69 |
| 20250 | 27382 | 1348 | -0.15 | 0.21 | 1.78 | -0.62 | 2.16 | 2.12 | 2.18 | -0.64 | 2.16 | 2.20 | 1.81 | -0.64 | 2.16 | 2.12 |
| 20252 | 27348 | 1343 | 0.73 | 0.13 | 1.85 | 0.46 | 1.72 | 2.72 | 4.04 | 0.49 | 1.71 | 3.10 | 1.65 | 0.48 | 1.71 | 2.71 |
| 20266 | 27022 | 1327 | 0.22 | 0.15 | 2.81 | 0.05 | 1.89 | 2.83 | 6.25 | 0.07 | 1.88 | 3.22 | 2.74 | 0.07 | 1.88 | 2.86 |
| 20455 | 27697 | 1373 | 0.40 | 0.09 | 1.93 | 0.11 | 1.87 | 2.57 | 4.59 | 0.16 | 1.84 | 3.02 | 2.34 | 0.16 | 1.84 | 2.73 |
| 20848 | 28322 | 1413 | 1.00 | 0.27 | 1.30 | 0.55 | 1.69 | 2.54 | 2.00 | 0.70 | 1.63 | 2.82 | 2.01 | 0.71 | 1.62 | 2.83 |
| 20892 | 28479 | 1421 | 0.97 | 0.14 | 1.21 | 0.37 | 1.76 | 2.30 | 1.16 | 0.50 | 1.71 | 2.40 | 1.26 | 0.50 | 1.71 | 2.43 |
| 21248 | 29085 | 1453 | 1.60 | 0.06 | 1.54 | 1.26 | 1.41 | 2.91 | 2.06 | 1.31 | 1.38 | 3.09 | 1.72 | 1.32 | 1.38 | 3.01 |
| 22176 | 30197 | 1517 | 1.16 | 0.19 | 1.08 | 0.56 | 1.68 | 2.33 | 1.34 | 0.70 | 1.63 | 2.55 | 1.24 | 0.70 | 1.63 | 2.52 |
| 22479 | 30814 | 1549 | 0.67 | 0.11 | 1.38 | 0.34 | 1.77 | 2.51 | 4.19 | 0.41 | 1.74 | 3.06 | 1.87 | 0.41 | 1.75 | 2.71 |
| 22545 | 30557 | 1535 | 0.68 | 0.16 | 1.32 | 0.34 | 1.77 | 2.51 | 3.14 | 0.38 | 1.76 | 2.90 | 1.71 | 0.37 | 1.76 | 2.63 |
| 23430 | 32436 | 1628 | 0.66 | 0.10 | 1.37 | 0.28 | 1.80 | 2.43 | 3.19 | 0.33 | 1.78 | 2.86 | 1.41 | 0.33 | 1.77 | 2.51 |
| 24275 | 33844 | | 2.42 | 0.18 | 1.10 | 2.05 | 1.09 | 3.06 | 1.26 | 2.10 | 1.07 | 3.17 | 1.26 | 2.09 | 1.07 | 3.17 |
| 24331 | 33856 | 1698 | -0.66 | 0.19 | 2.28 | -1.10 | 2.35 | 2.04 | 4.66 | -1.14 | 2.36 | 2.34 | 2.50 | -1.13 | 2.36 | 2.07 |
| 24822 | 34559 | 1739 | 0.95 | 0.12 | 1.44 | 0.68 | 1.64 | 2.70 | 3.76 | 0.72 | 1.62 | 3.17 | 1.25 | 0.68 | 1.64 | 2.67 |
| 25247 | 35369 | 1784 | 0.50 | 0.09 | 1.88 | 0.19 | 1.83 | 2.59 | 3.74 | 0.26 | 1.81 | 2.96 | 1.94 | 0.25 | 1.81 | 2.67 |
| 25475 | 35521 | 1796 | 1.06 | 0.20 | 1.19 | 0.54 | 1.69 | 2.41 | 1.68 | 0.63 | 1.66 | 2.64 | 1.28 | 0.65 | 1.65 | 2.53 |
| 25730 | 35984 | 1822 | 1.45 | 0.16 | 1.81 | 1.49 | 1.31 | 3.61 | 5.33 | 1.53 | 1.30 | 4.18 | 1.76 | 1.47 | 1.32 | 3.68 |
| 27280 | 38527 | 1987 | 0.97 | 0.17 | 1.32 | 0.70 | 1.63 | 2.70 | 3.73 | 0.76 | 1.60 | 3.21 | 1.16 | 0.73 | 1.62 | 2.69 |
| 27483 | 38656 | 1995 | 0.45 | 0.11 | 1.93 | 0.16 | 1.85 | 2.60 | 3.48 | 0.20 | 1.83 | 2.90 | 2.18 | 0.19 | 1.83 | 2.69 |
| 28139 | 40020 | 2076 | 1.02 | 0.18 | 1.26 | 0.56 | 1.68 | 2.46 | 1.72 | 0.63 | 1.66 | 2.67 | 1.45 | 0.65 | 1.65 | 2.61 |
| 28358 | 40035 | 2077 | 0.56 | 0.09 | 1.47 | 0.22 | 1.82 | 2.47 | 3.28 | 0.26 | 1.81 | 2.86 | 1.76 | 0.26 | 1.80 | 2.59 |
| 28390 | 40083 | 2080 | 1.04 | 0.19 | 1.16 | 0.46 | 1.72 | 2.32 | 1.41 | 0.59 | 1.67 | 2.53 | 1.27 | 0.59 | 1.67 | 2.49 |
| 28677 | 40801 | 2119 | 1.57 | 0.18 | 1.55 | 1.22 | 1.42 | 2.90 | 2.05 | 1.25 | 1.41 | 3.04 | 1.63 | 1.25 | 1.41 | 2.94 |
| 29246 | 41597 | 2152 | 0.21 | 0.16 | 1.60 | -0.22 | 1.99 | 2.28 | 1.50 | -0.22 | 2.00 | 2.25 | 1.65 | -0.21 | 1.99 | 2.29 |
| 29294 | 42621 | 2200 | 0.67 | 0.13 | 1.64 | 0.26 | 1.80 | 2.49 | 2.83 | 0.31 | 1.78 | 2.78 | 1.32 | 0.33 | 1.78 | 2.46 |
| 29575 | 43023 | 2218 | 0.91 | 0.15 | 1.60 | 0.58 | 1.68 | 2.71 | 3.15 | 0.68 | 1.63 | 3.08 | 1.86 | 0.67 | 1.64 | 2.85 |
| 29692 | 43429 | 2243 | 1.96 | 0.10 | 1.17 | 1.56 | 1.28 | 2.87 | 1.69 | 1.60 | 1.27 | 3.07 | 1.31 | 1.61 | 1.27 | 2.96 |

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| HIC | HD | HR | Physical | | | Spectroscopic Inversion | | | | Spectroscopic T_{eff} | | | | | | |
|-------|-------|------|----------|-----------|------|-------------------------|-----------|---------|------|-------------------------|-----------|---------|------|-----------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 30728 | 45415 | 2333 | 0.79 | 0.15 | 1.50 | 0.39 | 1.75 | 2.53 | 2.87 | 0.47 | 1.72 | 2.88 | 1.41 | 0.48 | 1.72 | 2.57 |
| 31084 | 46184 | 2379 | 0.06 | 0.18 | 1.57 | -0.59 | 2.14 | 2.00 | 2.11 | -0.49 | 2.10 | 2.21 | 1.46 | -0.49 | 2.10 | 2.05 |
| 32249 | 48433 | 2478 | -0.14 | 0.15 | 1.65 | -0.66 | 2.17 | 2.05 | 2.58 | -0.60 | 2.15 | 2.31 | 2.02 | -0.58 | 2.14 | 2.21 |
| 32489 | 48432 | 2477 | 1.33 | 0.10 | 1.87 | 1.02 | 1.50 | 2.93 | 2.62 | 1.06 | 1.48 | 3.11 | 1.89 | 1.07 | 1.48 | 2.97 |
| 34440 | 54131 | 2684 | 0.63 | 0.17 | 1.25 | 0.26 | 1.80 | 2.40 | 2.40 | 0.29 | 1.79 | 2.72 | 1.44 | 0.31 | 1.79 | 2.50 |
| 34622 | 54810 | 2701 | 0.86 | 0.11 | 1.21 | 0.45 | 1.73 | 2.47 | 2.47 | 0.52 | 1.70 | 2.82 | 1.29 | 0.48 | 1.72 | 2.52 |
| 34693 | 54719 | 2697 | -0.43 | 0.20 | 1.53 | -1.03 | 2.32 | 1.82 | 3.15 | -0.95 | 2.29 | 2.22 | 1.98 | -0.93 | 2.28 | 2.02 |
| 35005 | 55730 | 2728 | 0.68 | 0.19 | 1.27 | 0.36 | 1.77 | 2.46 | 2.89 | 0.38 | 1.76 | 2.86 | 1.66 | 0.37 | 1.76 | 2.62 |
| 35710 | 57264 | 2793 | 0.86 | 0.14 | 1.32 | 0.32 | 1.78 | 2.40 | 1.66 | 0.43 | 1.74 | 2.55 | 1.30 | 0.38 | 1.76 | 2.43 |
| 36325 | 58898 | | 1.41 | 0.23 | 1.29 | 0.80 | 1.59 | 2.50 | 1.42 | 0.97 | 1.52 | 2.69 | 1.24 | 0.97 | 1.52 | 2.64 |
| 36732 | 60341 | 2899 | 0.87 | 0.14 | 1.32 | 0.39 | 1.75 | 2.41 | 2.20 | 0.45 | 1.73 | 2.69 | 1.19 | 0.42 | 1.74 | 2.41 |
| 37069 | 61191 | | 1.78 | 0.18 | 1.26 | 1.36 | 1.36 | 2.81 | 1.20 | 1.38 | 1.36 | 2.81 | 1.23 | 1.38 | 1.36 | 2.82 |
| 37204 | 60986 | 2924 | 0.72 | 0.20 | 1.87 | 0.45 | 1.73 | 2.73 | 5.27 | 0.51 | 1.70 | 3.25 | 1.58 | 0.51 | 1.71 | 2.73 |
| 37447 | 61935 | 2970 | 0.70 | 0.08 | 1.32 | 0.37 | 1.76 | 2.47 | 2.76 | 0.38 | 1.75 | 2.83 | 1.45 | 0.38 | 1.75 | 2.55 |
| 37740 | 62345 | 2985 | 0.35 | 0.08 | 2.32 | 0.09 | 1.87 | 2.67 | 4.82 | 0.12 | 1.86 | 3.04 | 2.36 | 0.12 | 1.86 | 2.73 |
| 37826 | 62509 | 2990 | 1.08 | 0.02 | 1.81 | 0.77 | 1.60 | 2.79 | 3.40 | 0.82 | 1.58 | 3.13 | 1.89 | 0.81 | 1.58 | 2.87 |
| 38868 | 65066 | 3097 | 1.26 | 0.30 | 1.69 | 0.94 | 1.53 | 2.83 | 2.78 | 0.99 | 1.51 | 3.11 | 1.92 | 1.01 | 1.50 | 2.96 |
| 38962 | 65345 | 3110 | 0.75 | 0.17 | 1.79 | 0.50 | 1.71 | 2.73 | 4.49 | 0.51 | 1.70 | 3.15 | 1.79 | 0.50 | 1.71 | 2.75 |
| 39180 | 65735 | 3125 | 1.18 | 0.19 | 1.49 | 0.72 | 1.62 | 2.61 | 1.29 | 0.79 | 1.59 | 2.61 | 1.59 | 0.81 | 1.58 | 2.71 |
| 39326 | 66242 | 3150 | 1.15 | 0.23 | 2.00 | 1.10 | 1.47 | 3.27 | 3.16 | 1.11 | 1.46 | 3.49 | 2.00 | 1.10 | 1.47 | 3.29 |
| 40084 | 68290 | 3211 | 0.96 | 0.08 | 1.46 | 0.67 | 1.64 | 2.70 | 4.50 | 0.72 | 1.62 | 3.24 | 1.26 | 0.69 | 1.63 | 2.67 |
| 40107 | 68312 | 3212 | 0.42 | 0.18 | 2.41 | 0.20 | 1.83 | 2.76 | 5.91 | 0.21 | 1.83 | 3.18 | 2.43 | 0.20 | 1.83 | 2.79 |
| 40793 | 68375 | 3216 | 0.80 | 0.11 | 1.68 | 0.56 | 1.68 | 2.75 | 4.28 | 0.59 | 1.67 | 3.19 | 1.79 | 0.59 | 1.67 | 2.81 |
| 40997 | 70522 | | 2.44 | 0.23 | 1.50 | 2.39 | 0.95 | 3.80 | 2.38 | 2.45 | 0.93 | 4.04 | 1.48 | 2.42 | 0.94 | 3.82 |
| 41676 | 71088 | 3303 | 0.91 | 0.13 | 1.40 | 0.59 | 1.67 | 2.62 | 3.07 | 0.65 | 1.65 | 3.02 | 1.50 | 0.60 | 1.67 | 2.69 |
| 41909 | 72292 | 3366 | 0.44 | 0.19 | 1.28 | -0.25 | 2.01 | 2.05 | 1.55 | -0.09 | 1.95 | 2.24 | 1.60 | -0.13 | 1.96 | 2.24 |
| 42010 | 72505 | 3376 | 1.40 | 0.22 | 1.19 | 0.88 | 1.56 | 2.51 | 1.01 | 0.92 | 1.54 | 2.50 | 1.21 | 0.94 | 1.53 | 2.59 |
| 42402 | 73471 | 3418 | -0.72 | 0.22 | 2.53 | -1.23 | 2.40 | 2.01 | 4.59 | -1.20 | 2.39 | 2.30 | 2.55 | -1.19 | 2.39 | 2.05 |
| 42483 | 73898 | 3433 | 0.59 | 0.08 | 1.87 | 0.32 | 1.78 | 2.69 | 2.18 | 0.35 | 1.77 | 2.77 | 1.95 | 0.35 | 1.77 | 2.72 |
| 42527 | 73108 | 3403 | 0.16 | 0.12 | 1.48 | -0.38 | 2.06 | 2.12 | 2.00 | -0.34 | 2.04 | 2.28 | 1.51 | -0.34 | 2.05 | 2.15 |
| 42911 | 74442 | 3461 | 0.84 | 0.08 | 1.31 | 0.33 | 1.77 | 2.41 | 2.00 | 0.45 | 1.73 | 2.67 | 1.26 | 0.39 | 1.75 | 2.44 |
| 43067 | 74918 | 3484 | 0.11 | 0.23 | 2.60 | -0.12 | 1.96 | 2.66 | 6.18 | -0.10 | 1.95 | 3.08 | 2.61 | -0.11 | 1.95 | 2.70 |
| 43903 | 75958 | 3531 | 0.70 | 0.13 | 1.88 | 0.47 | 1.72 | 2.78 | 3.45 | 0.47 | 1.72 | 3.04 | 1.78 | 0.46 | 1.72 | 2.75 |
| 44154 | 76813 | 3575 | 0.27 | 0.16 | 2.39 | 0.02 | 1.90 | 2.68 | 5.36 | 0.05 | 1.89 | 3.06 | 2.50 | 0.05 | 1.89 | 2.73 |
| 44818 | 78235 | 3621 | 0.92 | 0.14 | 1.66 | 0.63 | 1.66 | 2.76 | 4.44 | 0.72 | 1.62 | 3.27 | 1.09 | 0.71 | 1.63 | 2.65 |
| 45158 | 79181 | 3653 | 0.90 | 0.15 | 1.44 | 0.54 | 1.69 | 2.61 | 1.97 | 0.63 | 1.66 | 2.81 | 1.52 | 0.57 | 1.68 | 2.68 |
| 45751 | 80499 | 3706 | -0.17 | 0.18 | 2.92 | -0.46 | 2.09 | 2.56 | 5.25 | -0.39 | 2.07 | 2.88 | 2.82 | -0.39 | 2.06 | 2.61 |
| 46026 | 81169 | 3733 | 1.00 | 0.09 | 1.39 | 0.72 | 1.62 | 2.72 | 3.22 | 0.77 | 1.60 | 3.13 | 1.23 | 0.77 | 1.60 | 2.71 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | |
|-------|--------|------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------------------------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 46880 | 82734 | 3808 | -0.04 | 0.15 | 2.44 | -0.34 | 2.04 | 2.48 | 4.79 | -0.31 | 2.03 | 2.83 | 2.62 | -0.33 | 2.04 | 2.56 |
| 46952 | 82635 | 3800 | 0.94 | 0.10 | 1.67 | 0.64 | 1.65 | 2.77 | 3.68 | 0.72 | 1.62 | 3.18 | 0.97 | 0.66 | 1.64 | 2.58 |
| 47029 | 82741 | 3809 | 0.58 | 0.12 | 1.58 | 0.26 | 1.81 | 2.52 | 2.79 | 0.29 | 1.79 | 2.81 | 1.80 | 0.29 | 1.79 | 2.62 |
| 47056 | 83087 | | 2.02 | 0.16 | ... | ... | ... | ... | 1.74 | 1.71 | 1.23 | 3.16 | 1.51 | 1.69 | 1.23 | 3.09 |
| 47310 | 83425 | 3834 | 0.06 | 0.17 | 1.34 | -0.72 | 2.20 | 1.82 | 1.56 | -0.55 | 2.13 | 2.03 | 1.48 | -0.54 | 2.12 | 2.01 |
| 47570 | 83805 | 3851 | 0.53 | 0.17 | 1.73 | 0.25 | 1.81 | 2.60 | 4.06 | 0.30 | 1.79 | 3.03 | 2.09 | 0.29 | 1.79 | 2.74 |
| 48356 | 85444 | 3903 | -0.50 | 0.15 | 3.13 | -0.76 | 2.21 | 2.47 | 10.41 | -0.73 | 2.20 | 3.04 | 3.09 | -0.73 | 2.20 | 2.51 |
| 48433 | 85440 | | 2.73 | 0.25 | ... | ... | ... | ... | 1.54 | 2.53 | 0.90 | 3.54 | 1.52 | 2.56 | 0.89 | 3.54 |
| 48455 | 85503 | 3905 | 0.83 | 0.08 | 1.22 | 0.22 | 1.82 | 2.24 | 1.80 | 0.38 | 1.75 | 2.56 | 1.33 | 0.31 | 1.78 | 2.40 |
| 49530 | 87682 | 3973 | 1.07 | 0.20 | 1.86 | 0.87 | 1.56 | 2.88 | 3.76 | 0.84 | 1.57 | 3.22 | 2.33 | 0.85 | 1.57 | 3.02 |
| 49841 | 88284 | 3994 | 0.88 | 0.07 | 1.41 | 0.51 | 1.70 | 2.58 | 3.51 | 0.61 | 1.66 | 3.06 | 1.62 | 0.58 | 1.68 | 2.71 |
| 50851 | 89962 | 4077 | 1.84 | 0.16 | 1.10 | 1.36 | 1.36 | 2.71 | 1.12 | 1.42 | 1.34 | 2.78 | 1.14 | 1.42 | 1.34 | 2.79 |
| 51775 | 91612 | 4146 | 0.13 | 0.17 | 2.56 | -0.16 | 1.97 | 2.61 | 4.53 | -0.11 | 1.95 | 2.90 | 2.58 | -0.12 | 1.96 | 2.65 |
| 52085 | 92214 | 4171 | 0.72 | 0.13 | 1.79 | 0.47 | 1.72 | 2.72 | 4.16 | 0.50 | 1.71 | 3.13 | 1.57 | 0.49 | 1.71 | 2.70 |
| 52686 | 93257 | 4208 | 1.81 | 0.09 | 1.13 | 1.32 | 1.38 | 2.69 | 1.29 | 1.37 | 1.36 | 2.81 | 1.14 | 1.38 | 1.35 | 2.76 |
| 53157 | 94084 | 4242 | 1.52 | 0.15 | 1.18 | 1.05 | 1.49 | 2.62 | 0.89 | 1.13 | 1.46 | 2.59 | 1.46 | 1.13 | 1.46 | 2.81 |
| 53426 | 94600 | 4258 | 0.66 | 0.12 | 1.65 | 0.18 | 1.84 | 2.43 | 2.41 | 0.24 | 1.81 | 2.65 | 1.45 | 0.26 | 1.80 | 2.44 |
| 53465 | 94669 | 4264 | 1.13 | 0.15 | 1.21 | 0.66 | 1.65 | 2.48 | 1.56 | 0.69 | 1.63 | 2.62 | 1.30 | 0.69 | 1.63 | 2.54 |
| 55374 | 98579 | | 1.84 | 0.17 | 1.08 | 1.36 | 1.36 | 2.71 | 0.83 | 1.40 | 1.35 | 2.63 | 1.15 | 1.41 | 1.35 | 2.77 |
| 55797 | 99283 | 4407 | 0.60 | 0.16 | 1.65 | 0.27 | 1.80 | 2.55 | 3.00 | 0.32 | 1.78 | 2.86 | 1.80 | 0.32 | 1.78 | 2.64 |
| 56146 | 100006 | 4433 | 0.57 | 0.19 | 1.30 | 0.16 | 1.84 | 2.36 | 2.50 | 0.19 | 1.83 | 2.67 | 1.34 | 0.19 | 1.83 | 2.40 |
| 56583 | 100696 | 4461 | 0.85 | 0.08 | 1.37 | 0.54 | 1.69 | 2.59 | 1.70 | 0.57 | 1.68 | 2.72 | 1.46 | 0.57 | 1.68 | 2.65 |
| 56864 | 101321 | | 1.74 | 0.19 | 1.49 | 1.40 | 1.35 | 2.95 | 2.06 | 1.41 | 1.34 | 3.11 | 1.53 | 1.42 | 1.34 | 2.98 |
| 56975 | 101484 | 4495 | 1.00 | 0.13 | 1.95 | 0.69 | 1.63 | 2.80 | 3.40 | 0.74 | 1.61 | 3.10 | 2.15 | 0.74 | 1.61 | 2.90 |
| 57477 | 102328 | 4521 | 1.25 | 0.08 | 0.93 | 0.56 | 1.69 | 2.20 | 0.89 | 0.79 | 1.59 | 2.40 | 1.26 | 0.80 | 1.59 | 2.56 |
| 58181 | 103605 | 4566 | 0.91 | 0.13 | 1.49 | 0.46 | 1.72 | 2.51 | 1.40 | 0.49 | 1.71 | 2.51 | 1.28 | 0.48 | 1.72 | 2.46 |
| 58654 | 104438 | 4593 | 0.37 | 0.19 | 1.75 | 0.02 | 1.90 | 2.46 | 2.54 | 0.01 | 1.90 | 2.62 | 1.79 | 0.02 | 1.90 | 2.47 |
| 58849 | 104819 | | 2.88 | 0.21 | 1.06 | 2.37 | 0.96 | 3.06 | 0.77 | 2.52 | 0.90 | 3.10 | 1.07 | 2.53 | 0.89 | 3.25 |
| 58948 | 104979 | 4608 | 0.53 | 0.09 | 1.75 | 0.21 | 1.82 | 2.56 | 3.02 | 0.27 | 1.80 | 2.86 | 1.87 | 0.26 | 1.80 | 2.65 |
| 58952 | 104985 | 4609 | 0.75 | 0.12 | 1.24 | 0.40 | 1.75 | 2.46 | 1.48 | 0.38 | 1.76 | 2.52 | 1.28 | 0.40 | 1.75 | 2.47 |
| 59285 | 105639 | 4626 | 1.35 | 0.15 | 1.17 | 0.87 | 1.56 | 2.54 | 1.49 | 0.91 | 1.55 | 2.69 | 1.27 | 0.91 | 1.54 | 2.62 |
| 60172 | 107328 | 4695 | 0.29 | 0.16 | 1.70 | -0.34 | 2.04 | 2.16 | 0.87 | -0.23 | 2.00 | 1.94 | 1.58 | -0.23 | 2.00 | 2.20 |
| 60202 | 107383 | 4697 | -0.48 | 0.21 | 2.93 | -0.82 | 2.24 | 2.35 | 5.44 | -0.81 | 2.23 | 2.64 | 2.97 | -0.80 | 2.23 | 2.38 |
| 60221 | 107418 | 4699 | 1.26 | 0.10 | 1.50 | 0.87 | 1.56 | 2.71 | 2.67 | 0.91 | 1.54 | 3.01 | 1.62 | 0.93 | 1.54 | 2.80 |
| 60305 | 107610 | | 1.46 | 0.16 | 1.13 | 1.01 | 1.50 | 2.59 | 1.73 | 1.04 | 1.49 | 2.82 | 1.30 | 1.05 | 1.49 | 2.70 |
| 61724 | 110024 | 4815 | 0.77 | 0.20 | 1.35 | 0.46 | 1.72 | 2.56 | 3.96 | 0.51 | 1.70 | 3.08 | 1.75 | 0.51 | 1.71 | 2.72 |
| 62500 | 111295 | 4860 | 0.82 | 0.15 | 1.33 | 0.52 | 1.70 | 2.59 | 2.48 | 0.56 | 1.68 | 2.90 | 1.61 | 0.56 | 1.69 | 2.71 |
| 62886 | 112033 | 4894 | -0.06 | 0.24 | 2.81 | -0.32 | 2.04 | 2.62 | 6.06 | -0.31 | 2.03 | 2.94 | 2.84 | -0.31 | 2.03 | 2.61 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | |
|-------|--------|------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------------------------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 62915 | 112048 | 4896 | 1.36 | 0.19 | 1.26 | 0.94 | 1.53 | 2.63 | 1.74 | 0.95 | 1.53 | 2.79 | 1.41 | 0.95 | 1.53 | 2.70 |
| 63142 | 112357 | | 2.81 | 0.16 | 1.46 | 2.55 | 0.89 | 3.49 | 1.64 | 2.59 | 0.87 | 3.57 | 1.45 | 2.57 | 0.88 | 3.51 |
| 63608 | 113226 | 4932 | 0.35 | 0.06 | 2.37 | 0.11 | 1.86 | 2.70 | 5.55 | 0.13 | 1.86 | 3.12 | 2.46 | 0.14 | 1.85 | 2.77 |
| 64078 | 114038 | 4955 | 0.30 | 0.17 | 1.52 | -0.19 | 1.98 | 2.23 | 4.06 | -0.12 | 1.95 | 2.73 | 1.55 | -0.11 | 1.95 | 2.31 |
| 64179 | 114256 | 4960 | 0.63 | 0.18 | 1.27 | 0.29 | 1.79 | 2.44 | 3.57 | 0.32 | 1.78 | 2.92 | 1.64 | 0.32 | 1.78 | 2.58 |
| 64725 | 115202 | 5001 | 2.27 | 0.06 | 1.23 | 1.89 | 1.15 | 3.05 | 1.70 | 1.95 | 1.13 | 3.24 | 1.34 | 1.94 | 1.13 | 3.14 |
| 64751 | 115319 | 5007 | 1.59 | 0.16 | 1.66 | 1.31 | 1.39 | 2.98 | 1.68 | 1.29 | 1.39 | 2.99 | 1.64 | 1.31 | 1.38 | 2.99 |
| 65187 | 116204 | | 2.11 | 0.18 | 1.08 | 1.55 | 1.29 | 2.75 | 0.66 | 1.72 | 1.22 | 2.70 | 1.17 | 1.73 | 1.22 | 2.95 |
| 65301 | 116292 | 5044 | 0.41 | 0.16 | 1.93 | 0.10 | 1.87 | 2.56 | 4.60 | 0.15 | 1.85 | 3.00 | 2.24 | 0.15 | 1.85 | 2.68 |
| 65550 | 116957 | 5067 | 0.69 | 0.16 | 1.40 | 0.36 | 1.76 | 2.53 | 3.02 | 0.41 | 1.75 | 2.90 | 1.86 | 0.40 | 1.75 | 2.69 |
| 65790 | 117304 | 5081 | 1.05 | 0.14 | 1.37 | 0.67 | 1.64 | 2.58 | 1.93 | 0.67 | 1.64 | 2.75 | 1.49 | 0.70 | 1.63 | 2.65 |
| 67250 | 120164 | 5186 | 0.66 | 0.13 | 1.34 | 0.30 | 1.79 | 2.44 | 2.62 | 0.32 | 1.78 | 2.77 | 1.42 | 0.34 | 1.77 | 2.51 |
| 67384 | 120420 | 5195 | 0.72 | 0.14 | 1.28 | 0.38 | 1.76 | 2.46 | 2.55 | 0.37 | 1.76 | 2.77 | 1.30 | 0.39 | 1.75 | 2.48 |
| 67494 | 120452 | 5196 | 0.62 | 0.12 | 1.32 | 0.23 | 1.81 | 2.40 | 2.84 | 0.27 | 1.80 | 2.78 | 1.37 | 0.29 | 1.79 | 2.47 |
| 67927 | 121370 | 5235 | 2.41 | 0.02 | ... | ... | ... | ... | 2.82 | 2.39 | 0.95 | 4.00 | 1.48 | 2.37 | 0.96 | 3.71 |
| 67929 | 121299 | 5232 | 0.71 | 0.14 | 1.64 | 0.26 | 1.80 | 2.47 | 2.62 | 0.33 | 1.77 | 2.75 | 1.35 | 0.36 | 1.77 | 2.47 |
| 69673 | 124897 | 5340 | -0.30 | 0.02 | 1.30 | -0.93 | 2.28 | 1.78 | 1.35 | -0.89 | 2.26 | 1.84 | 1.59 | -0.87 | 2.26 | 1.92 |
| 70012 | 125454 | 5366 | 0.53 | 0.17 | 1.44 | 0.17 | 1.84 | 2.43 | 3.01 | 0.21 | 1.82 | 2.80 | 1.72 | 0.22 | 1.82 | 2.56 |
| 70336 | 126035 | 5383 | 1.20 | 0.18 | 1.74 | 0.89 | 1.55 | 2.82 | 3.28 | 0.95 | 1.53 | 3.18 | 1.94 | 0.94 | 1.53 | 2.95 |
| 70344 | 126265 | | 2.99 | 0.16 | 1.28 | 2.97 | 0.72 | 3.89 | 2.60 | 2.99 | 0.71 | 4.26 | 1.34 | 2.98 | 0.72 | 3.97 |
| 70414 | 126271 | 5394 | 0.94 | 0.22 | 1.23 | 0.33 | 1.77 | 2.28 | 1.58 | 0.46 | 1.72 | 2.51 | 1.29 | 0.46 | 1.72 | 2.42 |
| 70692 | 127700 | 5430 | -0.87 | 0.11 | 1.88 | -1.73 | 2.60 | 1.52 | 2.57 | -1.50 | 2.51 | 1.86 | 2.37 | -1.46 | 2.49 | 1.84 |
| 71053 | 127665 | 5429 | 0.29 | 0.08 | 1.24 | -0.44 | 2.08 | 1.93 | 1.02 | -0.31 | 2.03 | 1.95 | 1.60 | -0.33 | 2.04 | 2.13 |
| 71132 | 127740 | | 2.07 | 0.20 | 1.62 | 2.09 | 1.07 | 3.76 | 2.26 | 2.11 | 1.07 | 3.95 | 1.58 | 2.03 | 1.10 | 3.76 |
| 71697 | 128853 | | 2.37 | 0.19 | 1.40 | 2.04 | 1.09 | 3.20 | 1.42 | 2.12 | 1.06 | 3.29 | 1.56 | 2.12 | 1.06 | 3.33 |
| 71957 | 129502 | 5487 | 2.54 | 0.04 | ... | 2.38 | 0.96 | ... | 3.33 | 2.60 | 0.87 | 4.36 | 1.51 | 2.56 | 0.88 | 4.00 |
| 73193 | 132132 | 5573 | 0.73 | 0.17 | 1.34 | 0.39 | 1.75 | 2.51 | 2.53 | 0.34 | 1.77 | 2.72 | 1.37 | 0.36 | 1.77 | 2.46 |
| 73568 | 133124 | 5600 | -0.41 | 0.18 | ... | ... | ... | ... | 2.34 | -1.11 | 2.35 | 1.94 | 1.54 | -1.08 | 2.34 | 1.77 |
| 73620 | 133165 | 5601 | 0.65 | 0.11 | 1.33 | 0.26 | 1.80 | 2.41 | 2.88 | 0.30 | 1.79 | 2.79 | 1.32 | 0.32 | 1.78 | 2.46 |
| 73909 | 134190 | 5635 | 0.74 | 0.09 | 1.75 | 0.44 | 1.73 | 2.68 | 2.11 | 0.46 | 1.72 | 2.77 | 1.66 | 0.45 | 1.73 | 2.66 |
| 73927 | 133670 | 5620 | 2.25 | 0.11 | 1.11 | 1.87 | 1.16 | 2.97 | 0.89 | 1.91 | 1.15 | 2.93 | 1.24 | 1.91 | 1.15 | 3.07 |
| 74666 | 135722 | 5681 | 0.70 | 0.05 | 1.38 | 0.38 | 1.76 | 2.52 | 2.00 | 0.42 | 1.74 | 2.73 | 1.80 | 0.42 | 1.74 | 2.68 |
| 75049 | 136512 | 5709 | 0.90 | 0.14 | 1.08 | 0.49 | 1.71 | 2.43 | 1.69 | 0.58 | 1.68 | 2.69 | 1.25 | 0.54 | 1.69 | 2.55 |
| 76006 | 138525 | 5769 | 2.20 | 0.16 | 1.55 | 2.20 | 1.03 | 3.75 | 5.21 | 2.21 | 1.03 | 4.27 | 1.55 | 2.21 | 1.02 | 3.74 |
| 76569 | 139329 | 5810 | 1.07 | 0.18 | 1.24 | 0.65 | 1.65 | 2.51 | 1.83 | 0.72 | 1.62 | 2.76 | 1.48 | 0.72 | 1.62 | 2.67 |
| 77578 | 141680 | 5888 | 0.70 | 0.13 | 1.23 | 0.34 | 1.77 | 2.43 | 2.64 | 0.39 | 1.75 | 2.82 | 1.39 | 0.38 | 1.76 | 2.54 |
| 77729 | 141832 | 5893 | 1.87 | 0.16 | 1.45 | 1.52 | 1.30 | 2.99 | 2.51 | 1.60 | 1.27 | 3.31 | 1.61 | 1.59 | 1.27 | 3.11 |
| 78481 | 143666 | 5966 | 0.23 | 0.17 | 2.21 | -0.10 | 1.95 | 2.53 | 3.90 | -0.06 | 1.93 | 2.82 | 2.36 | -0.06 | 1.93 | 2.60 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | |
|-------|--------|------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------------------------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 79581 | 146084 | 6057 | 1.24 | 0.18 | 1.18 | 0.73 | 1.62 | 2.46 | 1.72 | 0.80 | 1.59 | 2.71 | 1.40 | 0.82 | 1.58 | 2.63 |
| 79666 | 146388 | 6065 | 0.78 | 0.15 | 1.30 | 0.22 | 1.82 | 2.34 | 2.03 | 0.36 | 1.76 | 2.62 | 1.48 | 0.29 | 1.79 | 2.45 |
| 79882 | 146791 | 6075 | 0.65 | 0.06 | 1.75 | 0.33 | 1.78 | 2.61 | 3.81 | 0.40 | 1.75 | 3.02 | 1.86 | 0.38 | 1.76 | 2.70 |
| 80343 | 147700 | 6104 | 0.81 | 0.11 | 1.29 | 0.45 | 1.73 | 2.50 | 2.13 | 0.50 | 1.71 | 2.77 | 1.29 | 0.50 | 1.71 | 2.55 |
| 80514 | 148228 | 6121 | 0.91 | 0.20 | 1.19 | 0.50 | 1.71 | 2.45 | 2.18 | 0.57 | 1.68 | 2.79 | 1.15 | 0.53 | 1.70 | 2.49 |
| 80543 | 148317 | | 2.19 | 0.14 | 1.59 | 2.13 | 1.06 | 3.61 | 3.34 | 2.16 | 1.04 | 3.97 | 1.55 | 2.19 | 1.03 | 3.64 |
| 80816 | 148856 | 6148 | -0.49 | 0.10 | 3.12 | -0.78 | 2.22 | 2.44 | 6.78 | -0.72 | 2.20 | 2.85 | 3.09 | -0.73 | 2.20 | 2.51 |
| 80910 | 148760 | 6145 | 1.89 | 0.12 | 1.07 | 1.44 | 1.33 | 2.76 | 1.58 | 1.52 | 1.30 | 3.00 | 1.29 | 1.52 | 1.30 | 2.91 |
| 81098 | 149216 | | 2.54 | 0.30 | ... | ... | ... | ... | 0.52 | 2.26 | 1.00 | 2.88 | 1.45 | 2.25 | 1.01 | 3.32 |
| 81437 | 150449 | 6199 | 0.79 | 0.08 | 1.53 | 0.32 | 1.78 | 2.49 | 2.30 | 0.46 | 1.73 | 2.77 | 1.40 | 0.47 | 1.72 | 2.56 |
| 82730 | 152601 | 6280 | 0.83 | 0.13 | 1.34 | 0.29 | 1.79 | 2.39 | 2.89 | 0.44 | 1.73 | 2.83 | 1.33 | 0.40 | 1.75 | 2.47 |
| 82764 | 152815 | 6287 | 0.94 | 0.13 | 1.35 | 0.61 | 1.66 | 2.62 | 2.74 | 0.68 | 1.64 | 2.99 | 1.42 | 0.65 | 1.65 | 2.69 |
| 83289 | 154391 | 6348 | 0.98 | 0.12 | 1.59 | 0.66 | 1.64 | 2.68 | 3.07 | 0.71 | 1.62 | 3.04 | 1.37 | 0.70 | 1.63 | 2.69 |
| 83504 | 154278 | 6342 | 0.99 | 0.17 | 1.41 | 0.59 | 1.67 | 2.57 | 2.04 | 0.62 | 1.66 | 2.76 | 1.46 | 0.61 | 1.66 | 2.61 |
| 83575 | 154732 | 6363 | 1.09 | 0.12 | 1.38 | 0.66 | 1.64 | 2.56 | 1.61 | 0.65 | 1.65 | 2.62 | 1.35 | 0.66 | 1.64 | 2.55 |
| 83692 | 154733 | 6364 | 0.38 | 0.17 | 1.08 | -0.39 | 2.07 | 1.88 | 1.25 | -0.17 | 1.98 | 2.11 | 1.66 | -0.20 | 1.99 | 2.22 |
| 84217 | 155646 | 6394 | 2.47 | 0.15 | 1.48 | 2.45 | 0.93 | 3.79 | 1.79 | 2.49 | 0.91 | 3.94 | 1.46 | 2.50 | 0.91 | 3.86 |
| 84402 | 155970 | 6404 | 1.14 | 0.20 | 1.38 | 0.67 | 1.64 | 2.56 | 1.63 | 0.78 | 1.60 | 2.73 | 1.60 | 0.79 | 1.59 | 2.72 |
| 84691 | 156874 | 6443 | 0.74 | 0.14 | 1.32 | 0.41 | 1.74 | 2.52 | 3.22 | 0.48 | 1.72 | 2.97 | 1.85 | 0.47 | 1.72 | 2.73 |
| 85207 | 157527 | 6472 | 1.01 | 0.19 | 1.56 | 0.74 | 1.61 | 2.77 | 3.96 | 0.78 | 1.60 | 3.22 | 2.04 | 0.77 | 1.60 | 2.93 |
| 85423 | 157919 | 6492 | 1.62 | 0.06 | 1.82 | 1.63 | 1.26 | 3.66 | 2.86 | 1.70 | 1.23 | 4.00 | 1.64 | 1.63 | 1.25 | 3.73 |
| 85805 | 159966 | 6566 | 0.97 | 0.08 | 1.48 | 0.55 | 1.69 | 2.56 | 1.52 | 0.59 | 1.67 | 2.61 | 1.35 | 0.61 | 1.66 | 2.57 |
| 86219 | 161178 | 6606 | 0.92 | 0.11 | 1.06 | 0.53 | 1.70 | 2.45 | 1.98 | 0.60 | 1.67 | 2.77 | 1.15 | 0.57 | 1.68 | 2.52 |
| 86742 | 161096 | 6603 | 0.77 | 0.04 | 1.22 | 0.16 | 1.84 | 2.27 | 1.90 | 0.33 | 1.78 | 2.56 | 1.41 | 0.22 | 1.82 | 2.39 |
| 86906 | 161502 | | 1.85 | 0.19 | ... | ... | ... | ... | 2.60 | 1.66 | 1.24 | 3.43 | 1.86 | 1.68 | 1.24 | 3.29 |
| 87224 | 162113 | 6639 | 1.36 | 0.22 | 1.30 | 0.69 | 1.63 | 2.44 | 1.18 | 0.91 | 1.54 | 2.59 | 1.26 | 0.94 | 1.53 | 2.63 |
| 87308 | 162555 | 6654 | 0.96 | 0.10 | 1.48 | 0.55 | 1.69 | 2.56 | 2.43 | 0.57 | 1.68 | 2.80 | 1.35 | 0.59 | 1.67 | 2.55 |
| 87933 | 163993 | 6703 | 0.62 | 0.05 | 1.87 | 0.34 | 1.77 | 2.68 | 5.24 | 0.39 | 1.75 | 3.19 | 1.82 | 0.39 | 1.75 | 2.73 |
| 88836 | 166229 | 6793 | 1.45 | 0.07 | 1.18 | 0.96 | 1.53 | 2.55 | 1.48 | 1.01 | 1.50 | 2.73 | 1.24 | 1.02 | 1.50 | 2.65 |
| 88899 | 166230 | 6794 | 0.14 | 0.16 | ... | 0.03 | 1.90 | ... | 3.60 | 0.22 | 1.82 | 3.68 | ... | ... | ... | ... |
| 89153 | 166464 | 6801 | 0.61 | 0.13 | 1.29 | 0.20 | 1.83 | 2.37 | 2.33 | 0.26 | 1.80 | 2.69 | 1.36 | 0.28 | 1.80 | 2.46 |
| 89587 | 167768 | 6840 | 0.98 | 0.18 | 1.25 | 0.71 | 1.62 | 2.68 | 1.42 | 0.75 | 1.61 | 2.76 | 1.02 | 0.73 | 1.61 | 2.61 |
| 89592 | 167576 | | 1.72 | 0.20 | 1.06 | 1.09 | 1.47 | 2.50 | 0.48 | 1.25 | 1.41 | 2.31 | 1.14 | 1.27 | 1.40 | 2.70 |
| 89604 | 168322 | 6853 | 0.99 | 0.13 | 1.45 | 0.68 | 1.64 | 2.67 | 1.75 | 0.68 | 1.64 | 2.75 | 2.01 | 0.69 | 1.63 | 2.82 |
| 90135 | 169156 | 6884 | 0.84 | 0.11 | 1.33 | 0.54 | 1.69 | 2.60 | 2.94 | 0.58 | 1.68 | 2.98 | 1.54 | 0.57 | 1.68 | 2.70 |
| 90344 | 170693 | 6945 | -0.11 | 0.10 | 1.74 | -0.62 | 2.16 | 2.10 | 2.50 | -0.63 | 2.16 | 2.24 | 1.59 | -0.63 | 2.16 | 2.04 |
| 91105 | 171391 | 6970 | 0.39 | 0.15 | 2.34 | 0.12 | 1.86 | 2.70 | 5.96 | 0.17 | 1.84 | 3.16 | 2.43 | 0.17 | 1.84 | 2.77 |
| 92086 | 173378 | | 1.46 | 0.21 | ... | ... | ... | ... | 2.61 | 1.21 | 1.42 | 3.18 | 1.76 | 1.19 | 1.43 | 3.00 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | |
|--------|--------|------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-------------------------|-----------|---------|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| 92088 | 173780 | 7064 | 0.40 | 0.09 | 1.62 | -0.19 | 1.98 | 2.21 | 2.38 | -0.08 | 1.94 | 2.47 | 1.55 | -0.07 | 1.94 | 2.29 |
| 92689 | 175535 | 7137 | -0.15 | 0.13 | 2.86 | -0.38 | 2.06 | 2.61 | 7.56 | -0.36 | 2.05 | 3.06 | 2.82 | -0.37 | 2.05 | 2.63 |
| 92782 | 176524 | 7180 | -0.29 | 0.11 | 2.09 | -0.76 | 2.21 | 2.14 | 4.56 | -0.72 | 2.20 | 2.53 | 2.31 | -0.70 | 2.19 | 2.25 |
| 92831 | 175740 | 7146 | 0.90 | 0.09 | 1.10 | 0.48 | 1.72 | 2.43 | 3.13 | 0.59 | 1.67 | 2.97 | 1.30 | 0.54 | 1.69 | 2.57 |
| 92872 | 175515 | 7135 | 0.81 | 0.15 | 1.40 | 0.36 | 1.76 | 2.48 | 2.29 | 0.46 | 1.73 | 2.75 | 1.25 | 0.44 | 1.73 | 2.48 |
| 92937 | 175743 | 7148 | 1.07 | 0.13 | 1.25 | 0.61 | 1.66 | 2.48 | 1.62 | 0.68 | 1.63 | 2.67 | 1.36 | 0.70 | 1.63 | 2.60 |
| 92969 | 176598 | 7187 | 0.72 | 0.09 | 1.82 | 0.43 | 1.74 | 2.70 | 4.71 | 0.48 | 1.72 | 3.17 | 1.91 | 0.48 | 1.72 | 2.78 |
| 92986 | 175940 | | 1.83 | 0.16 | 1.13 | 1.38 | 1.36 | 2.72 | 1.30 | 1.43 | 1.34 | 2.86 | 1.21 | 1.44 | 1.33 | 2.83 |
| 93244 | 176411 | 7176 | 0.66 | 0.08 | 1.42 | 0.26 | 1.80 | 2.43 | 3.09 | 0.28 | 1.79 | 2.80 | 1.36 | 0.30 | 1.79 | 2.45 |
| 93683 | 177241 | 7217 | 0.63 | 0.07 | 1.28 | 0.27 | 1.80 | 2.43 | 3.02 | 0.32 | 1.78 | 2.85 | 1.75 | 0.32 | 1.78 | 2.61 |
| 94302 | 180006 | 7295 | 0.04 | 0.11 | 2.38 | -0.28 | 2.02 | 2.49 | 5.61 | -0.23 | 2.00 | 2.92 | 2.55 | -0.24 | 2.00 | 2.57 |
| 94376 | 180711 | 7310 | 0.64 | 0.03 | 1.64 | 0.32 | 1.78 | 2.57 | 3.17 | 0.36 | 1.76 | 2.90 | 1.90 | 0.35 | 1.77 | 2.68 |
| 94982 | 181333 | 7331 | 0.39 | 0.16 | ... | 0.29 | 1.79 | ... | 1.79 | 0.47 | 1.72 | 3.36 | ... | ... | ... | ... |
| 95498 | 182762 | 7385 | 0.86 | 0.12 | 1.34 | 0.48 | 1.72 | 2.54 | 3.08 | 0.58 | 1.68 | 2.98 | 1.41 | 0.57 | 1.68 | 2.64 |
| 95572 | 182900 | 7389 | 2.04 | 0.09 | 1.70 | 2.02 | 1.10 | 3.72 | 3.09 | 2.08 | 1.08 | 4.08 | 1.51 | 2.06 | 1.09 | 3.76 |
| 95586 | 182901 | | 2.94 | 0.12 | 1.49 | 2.96 | 0.72 | 4.16 | 2.35 | 2.97 | 0.72 | 4.29 | 1.35 | 2.94 | 0.73 | 4.03 |
| 96365 | 184574 | 7433 | 1.15 | 0.21 | 1.26 | 0.69 | 1.63 | 2.52 | 1.74 | 0.82 | 1.58 | 2.79 | 1.77 | 0.83 | 1.58 | 2.80 |
| 96428 | 184944 | 7449 | 1.19 | 0.20 | 1.58 | 0.77 | 1.60 | 2.69 | 1.87 | 0.86 | 1.56 | 2.85 | 1.77 | 0.89 | 1.55 | 2.83 |
| 97070 | 186815 | 7526 | 1.84 | 0.08 | 1.77 | 1.63 | 1.26 | 3.21 | 2.35 | 1.62 | 1.26 | 3.33 | 1.83 | 1.62 | 1.26 | 3.22 |
| 97077 | 186486 | 7506 | 0.30 | 0.16 | 2.39 | 0.05 | 1.89 | 2.67 | 6.01 | 0.08 | 1.87 | 3.13 | 2.49 | 0.08 | 1.87 | 2.75 |
| 97118 | 186675 | 7517 | 0.24 | 0.09 | 2.47 | -0.05 | 1.93 | 2.63 | 4.53 | 0.01 | 1.91 | 2.96 | 2.42 | 0.01 | 1.90 | 2.69 |
| 97499 | 187195 | 7541 | 1.29 | 0.14 | 1.19 | 0.65 | 1.65 | 2.38 | 1.02 | 0.80 | 1.59 | 2.44 | 1.15 | 0.81 | 1.58 | 2.50 |
| 97783 | 187739 | 7561 | 1.00 | 0.19 | 1.45 | 0.68 | 1.64 | 2.67 | 1.86 | 0.60 | 1.67 | 2.69 | 1.43 | 0.61 | 1.66 | 2.58 |
| 98066 | 188376 | 7597 | 2.82 | 0.05 | 1.43 | 2.65 | 0.85 | 3.61 | 1.78 | 2.69 | 0.83 | 3.75 | ... | ... | ... | ... |
| 98138 | 188993 | | 1.88 | 0.15 | 1.73 | 1.73 | 1.22 | 3.49 | 3.62 | 1.84 | 1.17 | 3.85 | 1.66 | 1.80 | 1.19 | 3.50 |
| 98314 | 189186 | | 1.86 | 0.20 | ... | ... | ... | ... | 2.54 | 1.63 | 1.26 | 3.36 | 1.75 | 1.66 | 1.24 | 3.21 |
| 100062 | 192879 | 7748 | 0.76 | 0.20 | 1.28 | 0.41 | 1.74 | 2.49 | 3.06 | 0.47 | 1.72 | 2.93 | 1.47 | 0.45 | 1.73 | 2.60 |
| 100953 | 194937 | 7820 | 1.23 | 0.19 | 1.49 | 0.83 | 1.57 | 2.67 | 1.89 | 0.90 | 1.55 | 2.86 | 1.73 | 0.93 | 1.54 | 2.83 |
| 101101 | 195135 | 7831 | 1.07 | 0.12 | 1.14 | 0.56 | 1.69 | 2.38 | 1.31 | 0.63 | 1.66 | 2.52 | 1.36 | 0.64 | 1.65 | 2.54 |
| 101936 | 196758 | 7897 | 0.78 | 0.14 | 1.46 | 0.34 | 1.77 | 2.48 | 2.83 | 0.43 | 1.74 | 2.84 | 1.30 | 0.43 | 1.74 | 2.50 |
| 102388 | 197752 | 7939 | -0.31 | 0.19 | 1.85 | -0.84 | 2.25 | 2.03 | 3.75 | -0.79 | 2.22 | 2.39 | 2.16 | -0.77 | 2.22 | 2.16 |
| 102453 | 197912 | 7942 | 0.23 | 0.09 | 1.84 | -0.15 | 1.97 | 2.40 | 4.64 | -0.11 | 1.95 | 2.84 | 2.05 | -0.11 | 1.95 | 2.49 |
| 103004 | 198809 | 7995 | 0.47 | 0.09 | 2.50 | 0.26 | 1.80 | 2.83 | 6.63 | 0.30 | 1.79 | 3.32 | 2.59 | 0.31 | 1.78 | 2.92 |
| 103414 | 199442 | 8017 | 1.12 | 0.18 | 1.03 | 0.44 | 1.73 | 2.23 | 1.27 | 0.64 | 1.65 | 2.49 | 1.20 | 0.64 | 1.65 | 2.46 |
| 103519 | 199870 | 8035 | 1.02 | 0.11 | 1.91 | 0.69 | 1.63 | 2.79 | 3.67 | 0.77 | 1.60 | 3.16 | 2.17 | 0.77 | 1.60 | 2.93 |
| 104459 | 201381 | 8093 | 1.02 | 0.08 | 2.20 | 0.72 | 1.62 | 2.90 | 3.83 | 0.78 | 1.59 | 3.20 | 2.10 | 0.77 | 1.60 | 2.93 |
| 104557 | 201567 | 8096 | 1.14 | 0.22 | 1.09 | 0.60 | 1.67 | 2.37 | 1.79 | 0.70 | 1.63 | 2.69 | 1.32 | 0.72 | 1.62 | 2.56 |
| 105411 | 203344 | 8165 | 0.90 | 0.14 | 1.32 | 0.48 | 1.72 | 2.48 | 1.67 | 0.51 | 1.71 | 2.61 | 1.11 | 0.49 | 1.71 | 2.42 |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | | | | Spectroscopic Inversion | | | | | | Spectroscopic T_{eff} | | |
|--------|--------|--------------------|----------|-----------|------|-----------|-----------|---------|-------------------------|-----------|-----------|---------|------|-----------|-------------------------|---------|--|
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | |
| 105497 | 203644 | 8185 | 0.67 | 0.12 | 1.66 | 0.21 | 1.82 | 2.45 | 2.35 | 0.27 | 1.80 | 2.66 | 1.37 | 0.29 | 1.79 | 2.43 | |
| 105515 | 203387 | 8167 | 0.20 | 0.11 | 2.59 | -0.06 | 1.93 | 2.68 | 6.79 | -0.01 | 1.91 | 3.16 | 2.58 | -0.01 | 1.91 | 2.74 | |
| 106081 | 204642 | | 1.81 | 0.17 | 1.12 | 1.36 | 1.36 | 2.74 | 1.45 | 1.41 | 1.35 | 2.90 | 1.21 | 1.40 | 1.35 | 2.82 | |
| 106481 | 205435 | 8252 | 1.09 | 0.04 | 2.17 | 0.84 | 1.57 | 2.96 | 3.08 | 0.87 | 1.56 | 3.16 | 2.24 | 0.88 | 1.56 | 3.03 | |
| 106551 | 205512 | 8255 | 0.41 | 0.09 | 1.44 | -0.01 | 1.91 | 2.32 | 2.19 | 0.01 | 1.90 | 2.53 | 1.42 | 0.03 | 1.90 | 2.35 | |
| 106922 | 205972 | | 2.17 | 0.23 | 1.19 | 1.80 | 1.19 | 2.98 | 2.04 | 1.84 | 1.17 | 3.27 | 1.38 | 1.86 | 1.16 | 3.11 | |
| 107119 | 206952 | 8317 | 0.89 | 0.05 | 1.43 | 0.43 | 1.74 | 2.47 | 2.13 | 0.49 | 1.71 | 2.71 | 1.05 | 0.47 | 1.72 | 2.39 | |
| 107230 | 207130 | 8324 | 0.78 | 0.08 | 1.43 | 0.30 | 1.79 | 2.45 | 2.57 | 0.45 | 1.73 | 2.81 | 1.40 | 0.46 | 1.73 | 2.55 | |
| 108102 | 208111 | 8360 | 0.97 | 0.15 | 1.21 | 0.41 | 1.74 | 2.33 | 1.39 | 0.53 | 1.70 | 2.51 | 1.38 | 0.52 | 1.70 | 2.50 | |
| 108784 | 209240 | 8394 | 1.65 | 0.15 | 1.55 | 1.29 | 1.39 | 2.92 | 2.14 | 1.34 | 1.37 | 3.11 | 1.68 | 1.35 | 1.37 | 3.01 | |
| 108868 | 209396 | 8401 | 0.96 | 0.14 | 1.31 | 0.65 | 1.65 | 2.63 | 3.52 | 0.71 | 1.63 | 3.11 | 1.37 | 0.68 | 1.64 | 2.69 | |
| 109577 | 210702 | 8461 | 2.20 | 0.09 | 1.41 | 1.90 | 1.15 | 3.16 | 2.18 | 1.94 | 1.13 | 3.39 | 1.50 | 1.93 | 1.13 | 3.22 | |
| 109585 | 210905 | 8476 | 1.17 | 0.12 | 1.19 | 0.70 | 1.63 | 2.49 | 1.49 | 0.76 | 1.60 | 2.65 | 1.52 | 0.77 | 1.60 | 2.66 | |
| 110089 | 211607 | | 1.71 | 0.19 | 1.62 | 1.43 | 1.34 | 3.03 | 2.10 | 1.45 | 1.33 | 3.17 | 1.69 | 1.45 | 1.33 | 3.08 | |
| 110391 | 212010 | 8516 | 1.39 | 0.11 | 1.35 | 0.96 | 1.52 | 2.68 | 1.53 | 0.99 | 1.51 | 2.76 | 1.40 | 0.99 | 1.51 | 2.72 | |
| 111282 | 213619 | | 1.85 | 0.14 | 1.58 | 1.86 | 1.16 | 3.82 | 4.56 | 1.93 | 1.13 | 4.29 | 1.52 | 1.87 | 1.16 | 3.79 | |
| 111515 | 213986 | 8596 | 0.90 | 0.19 | 1.32 | 0.53 | 1.69 | 2.56 | 4.29 | 0.64 | 1.65 | 3.16 | 1.66 | 0.58 | 1.68 | 2.72 | |
| 112041 | 215030 | 8643 | 0.96 | 0.14 | 1.08 | 0.61 | 1.67 | 2.49 | 2.38 | 0.62 | 1.66 | 2.85 | 1.20 | 0.63 | 1.66 | 2.56 | |
| 112067 | 214995 | 8642 | 1.36 | 0.14 | 1.19 | 0.91 | 1.54 | 2.57 | 0.99 | 0.96 | 1.52 | 2.56 | 1.46 | 0.96 | 1.52 | 2.73 | |
| 112529 | 215721 | 8670 | 0.70 | 0.15 | 1.90 | 0.39 | 1.75 | 2.69 | 2.69 | 0.44 | 1.73 | 2.88 | 1.92 | 0.44 | 1.73 | 2.73 | |
| 112997 | 216489 | 8703 | 0.96 | 0.16 | 1.27 | 0.44 | 1.73 | 2.42 | 2.71 | 0.59 | 1.67 | 2.87 | 1.21 | 0.59 | 1.67 | 2.52 | |
| 113521 | 217264 | 8742 | 0.76 | 0.17 | 1.38 | 0.43 | 1.74 | 2.54 | 3.60 | 0.49 | 1.71 | 3.02 | 1.76 | 0.48 | 1.72 | 2.71 | |
| 113919 | 218031 | 8780 | 0.95 | 0.07 | 1.46 | 0.57 | 1.68 | 2.57 | 1.72 | 0.59 | 1.67 | 2.68 | 1.17 | 0.61 | 1.66 | 2.52 | |
| 114842 | 219409 | | 1.46 | 0.20 | 1.29 | 1.02 | 1.50 | 2.68 | 1.77 | 1.07 | 1.48 | 2.86 | 1.38 | 1.07 | 1.48 | 2.75 | |
| 114855 | 219449 | 8841 | 0.92 | 0.09 | 1.24 | 0.49 | 1.71 | 2.43 | 1.98 | 0.52 | 1.70 | 2.69 | 1.10 | 0.54 | 1.69 | 2.44 | |
| 114971 | 219615 | 8852 | 0.67 | 0.08 | 1.90 | 0.40 | 1.75 | 2.70 | 2.46 | 0.41 | 1.74 | 2.83 | 1.87 | 0.41 | 1.75 | 2.71 | |
| 115227 | 220009 | 8878 | -0.02 | 0.22 | 1.55 | -0.61 | 2.15 | 2.03 | 1.45 | -0.61 | 2.15 | 1.98 | 1.44 | -0.63 | 2.16 | 1.97 | |
| 115919 | 221115 | 8923 | 0.87 | 0.09 | 1.40 | 0.59 | 1.67 | 2.65 | 4.26 | 0.64 | 1.65 | 3.19 | 1.67 | 0.63 | 1.65 | 2.78 | |
| 116076 | 221345 | 8930 | 0.80 | 0.12 | 1.45 | 0.39 | 1.75 | 2.51 | 1.48 | 0.42 | 1.74 | 2.53 | 1.33 | 0.40 | 1.75 | 2.47 | |
| 117314 | 223170 | 9009 | 0.61 | 0.19 | 1.48 | 0.20 | 1.83 | 2.42 | 3.08 | 0.26 | 1.80 | 2.81 | 1.33 | 0.29 | 1.79 | 2.46 | |
| 117375 | 223252 | 9012 | 0.75 | 0.17 | 1.86 | 0.45 | 1.73 | 2.72 | 4.02 | 0.52 | 1.70 | 3.12 | 1.69 | 0.52 | 1.70 | 2.74 | |
| 117778 | 223869 | | 2.72 | 0.18 | 1.19 | 2.40 | 0.95 | 3.26 | 1.20 | 2.43 | 0.93 | 3.31 | 1.27 | 2.41 | 0.94 | 3.33 | |
| | | | M_V | M_{V-e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | |
| | | Mean | 0.95 | 0.14 | 1.56 | 0.55 | 1.69 | 2.60 | 2.72 | 0.63 | 1.66 | 2.89 | 1.64 | 0.62 | 1.66 | 2.70 | |
| | | Standard Error | 0.04 | 0.00 | 0.02 | 0.04 | 0.02 | 0.02 | 0.08 | 0.04 | 0.02 | 0.03 | 0.02 | 0.04 | 0.02 | 0.02 | |
| | | Median | 0.90 | 0.15 | 1.45 | 0.48 | 1.72 | 2.56 | 2.38 | 0.57 | 1.68 | 2.84 | 1.51 | 0.55 | 1.69 | 2.67 | |
| | | Mode | 0.97 | 0.16 | 1.32 | 0.26 | 1.69 | 2.56 | 1.42 | 0.59 | 1.71 | 2.77 | 1.29 | 0.29 | 1.75 | 2.69 | |
| | | Standard Deviation | 0.71 | 0.05 | 0.42 | 0.74 | 0.30 | 0.40 | 1.41 | 0.77 | 0.31 | 0.43 | 0.42 | 0.76 | 0.30 | 0.38 | |

Table 3. Mass and Luminosity Estimates

| HIC | HD | HR | Physical | | | Spectroscopic Inversion | | | | | Spectroscopic T_{eff} | | | | | |
|-----|-----------------|----|----------|-----------|-------|-------------------------|-----------|---------|-------|-----------|-------------------------|---------|-------|-----------|-----------|---------|
| | | | M_V | M_{V_e} | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ | Mass | M_{bol} | L_{Sun} | $log g$ |
| | Sample Variance | | 0.50 | 0.00 | 0.17 | 0.55 | 0.09 | 0.16 | 1.98 | 0.59 | 0.09 | 0.19 | 0.18 | 0.58 | 0.09 | 0.15 |
| | Kurtosis | | 0.739 | -0.195 | 2.496 | 1.665 | 1.702 | 8.360 | 3.144 | 1.202 | 1.207 | 2.169 | 1.435 | 1.155 | 1.155 | 2.444 |
| | Skewness | | 0.405 | -0.060 | 1.540 | 0.423 | -0.359 | -0.066 | 1.424 | 0.403 | -0.406 | 0.705 | 1.280 | 0.383 | -0.383 | 0.963 |
| | Range | | 3.86 | 0.28 | 2.20 | 4.70 | 1.88 | 4.16 | 9.93 | 4.49 | 1.80 | 2.64 | 2.13 | 4.44 | 1.77 | 2.30 |
| | Minimum | | -0.87 | 0.02 | 0.93 | -1.73 | 0.72 | 0.00 | 0.48 | -1.50 | 0.71 | 1.72 | 0.97 | -1.46 | 0.72 | 1.73 |
| | Maximum | | 2.99 | 0.30 | 3.13 | 2.97 | 2.60 | 4.16 | 10.41 | 2.99 | 2.51 | 4.36 | 3.10 | 2.98 | 2.49 | 4.03 |
| | Count | | 298 | 298 | 284 | 288 | 288 | 284 | 298 | 298 | 298 | 298 | 295 | 295 | 295 | 295 |

Notes: M_V and M_{V_e} : Absolute Johnson V magnitude and error as computed from the Hipparchos parallax and it associated error.
 Mass: Stellar mass in solar masses.
 M_{bol} : Bolometric absolute magnitude.
 L_{Sun} : Logarithm of the stellar luminosity in solar units.
 $log g$: Surface gravity in cm/s^2 .

Physical: Mass and bolometric magnitude derived using the isochrones of Bertelli et al. (1994) that are interpolated using the absolute V magnitude and photometric temperature. L_{Sun} and $log g$ then derived using standard relations.

Spectroscopic Inversion: The spectroscopic temperature is used to determine the bolometric correction using Bessel, Castelli & Plez (1998). Mass is then determined using the spectroscopic value for the surface gravity ($log g$) and the luminosity using the standard relations.

Spectroscopic: Mass and bolometric magnitude derived using the isochrones of Bertelli et al. (1994) that are interpolated using the absolute V magnitude and spectroscopic temperature. L_{Sun} and $log g$ then derived using standard relations.