**Supplemental Table S1.** Comparison of Kid-KINDL-R scores between groups above and below the cut-off score for JSQ-ES scores in the epilepsy group

| | JSQ-ES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total score | | Restless legs syndrome | | Sleep disordered breathing | | Morning symptoms | | Nighttime awakenings | |
| | <80 (*n*=26)<br>≥80 (*n*=6) | *p* | <8 (*n*=24)<br>≥8 (*n*=8) | *p* | <10 (*n*=20)<br>≥10 (*n*=12) | *p* | <9 (*n*=14)<br>≥9 (*n*=18) | *p* | <8 (*n*=19)<br>≥8 (*n*=13) | *p* |
| Child-self report | | | | | | | | | | |
| Kid-KINDL-R total score | 69.19 ± 14.75<br>73.44 ± 10.31 | 0.424 | 70.61 ± 3.10<br>68.10 ± 3.57 | 0.601 | 69.64 ± 14.10<br>70.57 ± 14.39 | 0.859 | 63.84 ± 16.54<br>74.77 ± 9.59 | 0.040* | 68.64±14.57<br>71.96±13.40 | 0.513 |
| Kid-KINDL-R subscales | | | | | | | | | | |
| Physical wellbeing | 74.52 ± 19.68<br>73.96 ± 22.85 | 0.957 | 75.52 ± 20.43<br>71.09 ± 19.17 | 0.588 | 75.63 ± 19.65<br>72.40 ± 21.06 | 0.671 | 66.96 ± 22.12<br>80.21 ± 16.36 | 0.061 | 76.64 ± 21.83<br>71.15 ± 17.03 | 0.432 |
| Emotional Wellbeing | 79.33 ± 17.39<br>82.29 ± 18.29 | 0.728 | 79.43 ± 18.10<br>81.25 ± 15.67 | 0.788 | 79.38 ± 13.92<br>80.73 ± 22.53 | 0.834 | 76.79 ± 20.28<br>82.29 ± 14.74 | 0.401 | 79.61 ± 16.90<br>80.29 ± 18.55 | 0.916 |
| Self-esteem | 55.53 ± 25.02<br>63.54 ± 13.36 | 0.293 | 57.55 ± 25.27<br>55.47 ± 17.50 | 0.799 | 56.56 ± 24.96<br>57.81 ± 21.34 | 0.882 | 50.00 ± 25.94<br>62.50 ± 20.11 | 0.150 | 51.64 ± 25.16<br>64.90 ± 18.49 | 0.096 |
| Family | 69.95 ± 16.87<br>83.33 ± 14.61 | 0.084 | 70.83 ± 17.06<br>77.34 ± 17.34 | 0.374 | 65.00 ± 15.63<br>84.90 ± 11.45 | <0.001<br>*** | 69.64 ± 18.65<br>74.65 ± 15.97 | 0.430 | 70.07 ± 15.81<br>75.96 ± 18.90 | 0.365 |
| Social | 74.52 ± 22.43<br>66.67 ± 25.52 | 0.510 | 75.52 ± 23.31<br>65..63 ± 20.86 | 0.279 | 76.25 ± 20.84<br>67.71 ± 25.82 | 0.343 | 65.18 ± 25.44<br>79.17 ± 19.05 | 0.099 | 74.01 ± 23.78<br>71.63 ± 22.19 | 0.775 |
| School | 61.30 ± 23.45<br>70.83 ± 13.50 | 0.207 | 64.84 ± 23.30<br>57.81 ± 18.22 | 0.393 | 65.00 ± 23.24<br>59.90 ± 20.55 | 0.523 | 54.46 ± 27.46<br>69.79 ± 14.26 | 0.050 | 59.87 ± 23.51<br>67.79 ± 19.74 | 0.311 |
| Parent proxy-report | | | | | | | | | | |
| Kid-KINDL-R total score | 72.12 ± 12.07<br>67.36 ± 10.51 | 0.359 | 71.13 ± 12.13<br>71.48 ± 11.48 | 0.943 | 72.81 ± 11.10<br>68.58 ± 12.91 | 0.355 | 74.18 ± 13.67<br>68.92 ± 9.88 | 0.216 | 72.86 ± 12.12<br>68.83 ± 11.33 | 0.345 |
| Kid-KINDL-R subscales | | | | | | | | | | |
| Physical wellbeing | 76.92 ± 15.79<br>79.17 ± 21.16 | 0.815 | 76.56 ± 16.20<br>79.69 ± 18.53 | 0.679 | 78.44 ± 16.78<br>75.52 ± 16.74 | 0.638 | 79.46 ± 15.59<br>75.69 ± 17.53 | 0.532 | 80.26 ± 16.70<br>73.08 ± 16.01 | 0.231 |
| Emotional Wellbeing | 80.53 ± 13.27<br>72.92 ± 12.29 | 0.215 | 79.95 ± 13.67<br>76.56 ± 12.39 | 0.526 | 81.25 ± 13.14<br>75.52 ± 13.18 | 0.245 | 82.14 ± 13.17<br>76.74 ± 13.18 | 0.259 | 81.58 ± 14.05<br>75.48 ± 11.54 | 0.190 |
| Self-esteem | 60.10 ± 18.46<br>58.33 ± 12.29 | 0.781 | 58.07 ± 19.02<br>64.84 ± 9.99 | 0.209 | 62.50 ± 12.50<br>55.21 ± 23.21 | 0.255 | 64.73 ± 18.44<br>55.90 ± 15.82 | 0.156 | 59.54 ± 19.02<br>60.10 ± 15.21 | 0.928 |
| Family | 67.07 ± 14.64<br>61.46 ± 7.31 | 0.194 | 66.93 ± 14.68<br>63.28 ± 10.26 | 0.449 | 65.00 ± 12.40<br>67.71 ± 15.95 | 0.620 | 68.30 ± 11.87<br>64.24 ± 14.98 | 0.412 | 69.08 ± 13.58<br>61.54 ± 12.97 | 0.125 |
| Social | 74.28 ± 21.89<br>64.58 ± 10.21 | 0.123 | 72.66 ± 21.71<br>71.88 ± 17.36 | 0.919 | 74.69 ± 20.73<br>68.75 ± 20.30 | 0.435 | 72.32 ± 27.49<br>72.57 ± 13.58 | 0.976 | 74.67 ± 21.70<br>69.23 ± 18.83 | 0.457 |
| School | 73.80 ± 15.00<br>67.71 ± 20.70 | 0.520 | 72.66 ± 15.06<br>72.66 ± 19.75 | 1.000 | 75.00 ± 15.04<br>68.75 ± 17.48 | 0.293 | 78.13 ± 17.64<br>68.40 ± 13.64 | 0.089 | 72.04 ± 14.79<br>73.56 ± 18.25 | 0.806 |

| | JSQ-ES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Insomnia | | Excessive daytime sleepiness | | Daytime behaviors | | Sleep habits | | Irregular/delayed sleep phase | |
| | <4 (*n*=25)<br>≥4 (*n*=7) | *p* | <8 (*n*=19)<br>≥8 (*n*=13) | *p* | <11 (*n*=15)<br>≥11 (*n*=17) | *p* | <7 (*n*=20)<br>≥7 (*n*=12) | *p* | <12 (*n*=21)<br>≥12 (*n*=11) | *p* |
| Child-self report | | | | | | | | | | |
| Kid-KINDL-R total score | 69.08 ± 15.27<br>73.21 ± 7.88 | 0.499 | 68.75 ± 14.85<br>71.79 ± 12.98 | 0.544 | 66.53 ± 14.19<br>73.04 ± 13.48 | 0.195 | 68.33 ± 14.85<br>72.74 ± 12.53 | 0.377 | 70.29 ± 14.03<br>69.41 ± 14.56 | 0.872 |
| Kid-KINDL-R subscales | | | | | | | | | | |
| Physical | 75.75 ± 20.60 | 0.456 | 77.96 ± 20.13 | 0.226 | 72.92 ± 22.49 | 0.701 | 71.88 ± 18.64 | 0.384 | 75.30 ± 19.81 | 0.741 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| wellbeing | 69.64 ± 17.83 | | 69.23 ± 19.17 | | 75.74 ± 17.94 | | 78.65 ± 22.05 | | 72.73 ± 20.97 | |
| Emotional Wellbeing | 80.25 ± 17.74<br>78.57 ± 16.87 | 0.823 | 80.59 ± 16.52<br>78.85 ± 19.02 | 0.790 | 79.17 ± 17.62<br>80.51 ± 17.52 | 0.830 | 76.25 ± 19.51<br>85.94 ± 11.03 | 0.083 | 82.44 ± 14.20<br>75.00 ± 22.01 | 0.326 |
| Self-esteem | 55.25 ± 24.59<br>63.39 ± 18.20 | 0.353 | 51.32 ± 25.22<br>65.38 ± 17.97 | 0.075 | 47.50 ± 22.51<br>65.44 ± 21.21 | 0.028* | 56.25 ± 23.82<br>58.33 ± 23.44 | 0.811 | 55.95 ± 23.67<br>59.09 ± 23.61 | 0.725 |
| Family | 71.75 ± 17.78<br>75.00 ± 15.31 | 0.642 | 67.11 ± 17.16<br>80.29 ± 14.17 | 0.025* | 70.00 ± 16.57<br>74.63 ± 17.74 | 0.451 | 74.69 ± 14.55<br>68.75 ± 20.81 | 0.350 | 69.35 ± 17.78<br>78.41 ± 14.62 | 0.136 |
| Social | 70.75 ± 24.39<br>81.25 ± 14.43 | 0.170 | 73.68 ± 23.53<br>72.12 ± 22.62 | 0.851 | 70.00 ± 24.80<br>75.74 ± 21.30 | 0.491 | 72.19 ± 23.95<br>74.48 ± 21.73 | 0.783 | 72.92 ± 22.74<br>73.30 ± 24.06 | 0.966 |
| School | 60.75 ± 24.24<br>71.43 ± 7.95 | 0.265 | 61.84 ± 22.91<br>64.90 ± 21.58 | 0.704 | 59.58 ± 23.37<br>66.18 ± 21.09 | 0.411 | 58.75 ± 21.69<br>70.31 ± 21.67 | 0.157 | 65.77 ± 21.53<br>57.95 ± 23.23 | 0.365 |
| Parent proxy-report | | | | | | | | | | |
| Kid-KINDL-R total score | 72.67 ± 11.59<br>66.07 ± 11.86 | 0.222 | 72.09 ± 11.47<br>69.95 ± 12.59 | 0.629 | 73.61 ± 12.41<br>69.12 ± 11.15 | 0.293 | 70.10 ± 12.02<br>73.09 ± 11.66 | 0.495 | 72.07 ± 10.86<br>69.60 ± 13.80 | 0.613 |
| Kid-KINDL-R subscales | | | | | | | | | | |
| Physical wellbeing | 80.50 ± 14.01<br>66.07 ± 21.00 | 0.127 | 80.26 ± 13.05<br>73.08 ± 20.47 | 0.234 | 81.25 ± 13.15<br>73.90 ± 18.78 | 0.206 | 75.31 ± 16.78<br>80.73 ± 16.31 | 0.377 | 79.46 ± 17.36<br>73.30 ± 14.81 | 0.303 |
| Emotional Wellbeing | 80.00 ± 12.50<br>75.89 ± 16.31 | 0.554 | 80.59 ± 12.65<br>76.92 ± 14.29 | 0.463 | 82.08 ± 15.10<br>76.47 ± 11.16 | 0.248 | 77.81 ± 12.25<br>81.25 ± 15.08 | 0.512 | 79.17 ± 13.01<br>78.98 ± 14.33 | 0.971 |
| Self-esteem | 60.50 ± 19.16<br>57.14 ± 8.41 | 0.507 | 57.57 ± 18.47<br>62.98 ± 15.62 | 0.379 | 57.08 ± 21.24<br>62.13 ± 13.16 | 0.434 | 56.56 ± 19.81<br>65.10 ± 10.81 | 0.126 | 59.52 ± 16.13<br>60.23 ± 20.21 | 0.922 |
| Family | 67.00 ± 13.80<br>62.50 ± 13.50 | 0.456 | 67.43 ± 14.67<br>63.94 ± 12.28 | 0.472 | 70.83 ± 15.79<br>61.76 ± 10.10 | 0.069 | 67.50 ± 14.57<br>63.54 ± 12.16 | 0.416 | 64.58 ± 14.30<br>68.75 ± 12.50 | 0.403 |
| Social | 72.75 ± 22.60<br>71.43 ± 10.74 | 0.830 | 73.36 ± 23.83<br>71.15 ± 15.00 | 0.751 | 76.25 ± 22.19<br>69.12 ± 18.81 | 0.339 | 72.81 ± 19.27<br>71.88 ± 23.16 | 0.907 | 74.70 ± 20.58<br>68.18 ± 20.44 | 0.402 |
| School | 75.25 ± 15.36<br>63.39 ± 15.91 | 0.112 | 73.36 ± 15.57<br>71.63 ± 17.23 | 0.776 | 74.17 ± 17.34<br>71.32 ± 15.16 | 0.627 | 70.63 ± 11.84<br>76.04 ± 21.46 | 0.363 | 75.00 ± 13.83<br>68.18 ± 19.46 | 0.317 |

* p<0.05; *** p<0.001; Unless indicated otherwise, data are given as the mean ± SD. JSQ-ES, Japanese Sleep Questionnaire for Elementary Schoolers; KINDL-R, Kinder Lebensqualität fragebogen.