| Uterus-AdenoCA -      | 3.08 | 2.31 | 1.7  | 0.61  | 1.67 | 1.94 | 3.41 | 0.44 | 0.89 | 0.75  | 1.39  | 0.74  | 1.79  | 0.56  | -               |
|-----------------------|------|------|------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-----------------|
| Thy-AdenoCA -         | 0    | 0.01 | 1.61 | 0     | 0    | 0.03 | 0.05 | 0.06 | 0    | 0.18  | 0.09  | 0.05  | 0     | 0.01  |                 |
| Stomach-AdenoCA -     | 2.14 | 1.88 | 1.05 | 2.46  | 1.61 | 2.96 | 1.77 | 1.02 | 0.97 | 1.4   | 0.98  | 1.41  | 1.36  | 1.15  |                 |
| SoftTissue-Liposarc - | 6.29 | 5.03 | 0.94 | 52.91 | 1.7  | 3.04 | 3.8  | 1.87 | 1.38 | 0.26  | 0.7   | 0.74  | 15.87 | 6.92  |                 |
| SoftTissue-Leiomyo -  | 1.49 | 1.98 | 0.62 | 0.05  | 0.53 | 1.46 | 1.13 | 2.65 | 1.59 | 0.97  | 1.66  | 1.38  | 1.18  | 1.95  | •               |
| Skin-Melanoma -       | 2.64 | 1.57 | 0.59 | 2.33  | 2.03 | 1.5  | 1.18 | 0.83 | 2.18 | 0.84  | 0.89  | 1.46  | 2.5   | 1.64  |                 |
| Prost-AdenoCA -       | 0.17 | 0.79 | 1.1  | 0.06  | 0.26 | 0.11 | 1.36 | 3.94 | 0.62 | 3.78  | 1.08  | 0.63  | 0.48  | 1.37  |                 |
| Panc-Endocrine -      | 0.04 | 0.05 | 8.0  | 0.01  | 0    | 0.18 | 0.16 | 0.44 | 0.44 | 0.17  | 1.19  | 0.48  | 0.03  | 0.02  |                 |
| Panc-AdenoCA -        | 0.65 | 0.81 | 0.73 | 0.47  | 0.64 | 0.72 | 0.85 | 1.3  | 1.58 | 0.91  | 1.6   | 1.43  | 0.97  | 0.69  |                 |
| Ovary-AdenoCA -       | 4.77 | 3.59 | 0.91 | 0.94  | 4.17 | 3.93 | 2.14 | 0.94 | 1.82 | 0.97  | 2.42  | 1.78  | 0.59  | 3.36  |                 |
| Myeloid-MDS/MPN -     | 0    | 0.02 | 1.63 | 0     | 0.01 | 0.05 | 0.04 | 0.1  | 0    | 0.12  | 0.13  | 0.03  | 0.02  | 0.02  |                 |
| Myeloid-AML -         | 0    | 0.14 | 1.64 | 0.01  | 0    | 0.04 | 0.1  | 0    | 0    | 0.12  | 0.05  | 0.04  | 0.41  | 0     |                 |
| Lymph-CLL -           | 0    | 0.01 | 1.35 | 0     | 0    | 0.02 | 0.04 | 0.09 | 0.01 | 0.92  | 0.19  | 0.11  | 0.01  | 0.02  |                 |
| Lymph-BNHL -          | 0.3  | 0.5  | 1.05 | 0.12  | 0.25 | 0.25 | 0.92 | 0.76 | 0.58 | 1.74  | 0.47  | 0.77  | 0.22  | 0.15  | FDR             |
| Lung-SCC -            | 1.85 | 1.67 | 0.44 | 1.97  | 3.51 | 3.69 | 0.98 | 0.97 | 1.83 | 0.89  | 1.13  | 1.88  | 1.49  | 1.97  | 1e–5            |
| Lung-AdenoCA -        | 1.05 | 1.39 | 0.6  | 1.08  | 4.05 | 1.23 | 1.09 | 1.06 | 1.62 | 0.46  | 0.76  | 1.52  | 1.42  | 0.52  | 0.05            |
| Liver-HCC -           | 0.71 | 0.57 | 1.08 | 0.23  | 0.5  | 0.17 | 1.18 | 0.61 | 0.92 | 0.97  | 1.1   | 0.93  | 0.9   | 0.61  | non-significant |
| Kidney-RCC -          | 80.0 | 0.11 | 1.18 | 0.01  | 0.05 | 0.07 | 0.18 | 0.22 | 0.36 | 0.24  | 0.46  | 0.65  | 0.1   | 80.0  | 0.05            |
| Kidney-ChRCC -        | 0.14 | 0.08 | 0.87 | 0.16  | 0.03 | 0.15 | 0.1  | 0.12 | 0.63 | 0.02  | 0.79  | 0.32  | 0.13  | 0.13  | 1e–5            |
| Head-SCC -            | 0.69 | 0.84 | 0.63 | 1.15  | 1.59 | 0.95 | 0.4  | 0.5  | 1.48 | 1.1   | 0.85  | 1.65  | 0.76  | 0.66  |                 |
| Eso-AdenoCA -         | 1.57 | 2.37 | 0.79 | 1.47  | 2.74 | 3.45 | 2.39 | 1.83 | 1.65 | 1.54  | 1.15  | 2.65  | 2.51  | 2.1   |                 |
| ColoRect-AdenoCA -    | 0.48 | 0.54 | 8.0  | 0.05  | 0.56 | 0.33 | 0.75 | 0.64 | 1.38 | 1.27  | 0.46  | 1.85  | 0.51  | 0.86  |                 |
| CNS-PiloAstro -       | 0    | 0.02 | 1.64 | 0     | 0    | 0.02 | 0.1  | 0.01 | 0.01 | 0.08  | 0.01  | 0.22  | 0.02  | 0     |                 |
| CNS-Oligo -           | 0    | 0.02 | 1.21 | 0.06  | 0.03 | 0.04 | 0.24 | 0.26 | 0.21 | 0.6   | 0.78  | 0.31  | 0.1   | 0.09  |                 |
| CNS-Medullo -         | 0.11 | 0.1  | 1.1  | 0.15  | 0.13 | 0.02 | 0.12 | 0.05 | 0.61 | 0.17  | 0.33  | 0.53  | 0.1   | 0.04  |                 |
| CNS-GBM -             | 0.39 | 0.37 | 1.14 | 1.47  | 0.15 | 0.19 | 1.14 | 1.72 | 0.66 | 1.01  | 1.19  | 0.79  | 0.82  | 0.86  |                 |
| Cervix -              | 0.32 | 0.68 | 0.74 | 0.66  | 0.62 | 0.73 | 0.56 | 0.53 | 1.07 | 1.18  | 1.06  | 1.6   | 0.95  | 0.69  |                 |
| Breast -              | 2.51 | 2.69 | 0.86 | 3.32  | 2.92 | 3.72 | 1.68 | 1.29 | 1.8  | 0.61  | 1.96  | 1.39  | 3.08  | 3.66  |                 |
| Bone-Other -          | 0.08 | 0.11 | 1.28 | 0.09  | 0.11 | 0.07 | 0.27 | 1.33 | 0.03 | 0.6   | 0.82  | 0.29  | 0.08  | 0.28  |                 |
| Bone-Osteosarc -      | 4.05 | 3.09 | 0.55 | 3.45  | 1.55 | 4.61 | 1.67 | 1.35 | 2.75 | 0.65  | 1.05  | 1.37  | 3.02  | 1.88  |                 |
| Bladder-TCC -         | 1.33 | 1.46 | 0.5  | 2.27  | 4.57 | 1.26 | 0.96 | 1.07 | 1.95 | 1.26  | 0.55  | 1.88  | 1.12  | 0.28  |                 |
| Biliary-AdenoCA -     |      | 0.68 | 0.78 | 0.51  |      | 0.64 | 0.61 | 1.51 | 0.99 | 1.05  |       | 0.85  | 1.08  | 0.14  |                 |
| (                     | CNS1 | CNS2 | CNS3 | CNS4  | CNS5 | CNS6 | CNS7 | CNS8 | CNS9 | CNS10 | CNS11 | CNS12 | CNS13 | CNS14 |                 |