In this folder is the data of the photoperiod experiments. Slice 1 is anterior and slice 2 is posterior. The first tab contains the cell number, the location (X and Y) of the cell and the cluster the cell is in. The second tab contains the raw traces and the third tab contains the smoothed traces of all the cells in each experiment. Each Excel file holds all cells recorded in one experiment. The mice for the experiment were either trained to short photoperiod (8h light:16h darkness) or long photoperiod (16h light: 8h darkness).

Young Long photoperiod: 171114, 171120, 171211, 171218, 171224

Young Short photoperiod: 171102, 171108, 171127, 171204, 171229

Old Long photoperiod: 150120, 150203,150331, 150505, 161213, 161220, 170221, 170228, 170328, 170404

Old Short photoperiod: 150303, 150714, 150721, 151110, 151125, 161129, 170110, 170207, 170214, 170410, 170419, 170424,

The Raw Data has one data point per hour. The Smoothed Data has one data point per minute. The upper row holds the cell numbers.

The following cells were excluded from the experiments:

150120\_slice\_1: 2, 8, 11, 14, 15, 16, 18, 19, 20, 23, 25, 27, 28, 33, 34, 35, 37, 42, 43, 48, 59, 68, 69, 89, 93, 94, 97, 107, 115, 123, 132, 137, 141, 144, 147, 153, 160, 164, 172, 183, 190, 192, 193, 194

150120\_slice\_2: 12, 90, 165

150203\_slice\_1: 8, 77, 248

150203\_slice\_2: 147, 220

150303\_slice\_2: 18

150331\_slice\_1: 3, 11, 12, 13, 14, 19, 25, 27, 32, 34, 39, 43, 46, 59, 63, 67, 105, 113, 127, 133, 142, 148, 153, 155

150331\_slice\_2: 37, 41, 211

150505\_slice\_1: 10, 12, 14, 16, 27, 28, 34, 35, 37, 38, 41, 42, 43, 44, 67, 71, 72, 79, 82, 83, 84, 92, 93, 100, 101, 102, 108, 109, 111, 112, 115, 116, 118, 121, 122, 127, 136, 141, 142, 148, 152, 154, 161, 162, 164, 165, 171, 175, 181, 182, 183, 184, 190, 191, 192, 193, 198

150714\_slice\_1: 22

150721\_slice\_2: 22

151110\_slice\_1: 43, 121, 124, 130, 155, 158, 165, 177

151110\_slice\_2: 3, 11, 59

151125\_slice\_1: 3, 10

151125\_slice\_2: 31, 178

161129\_slice\_1: 6, 26, 35, 36, 40, 54, 63, 76, 104, 120, 146

161213\_slice\_2: 1, 48, 55, 57, 81, 162, 171, 177, 188, 199, 210, 215, 221, 228, 229

161220\_slice\_1: 2, 5, 6, 11, 13, 15, 17, 18, 26, 27, 52, 59, 60, 70

161220\_ slice\_2: 1, 2, 5, 8, 10, 12, 21, 30, 31, 34, 52, 54, 56, 61, 62, 100, 107, 235, 270, 271, 278, 282, 283, 287, 291, 292, 293

170110\_slice\_1: 20, 24, 33, 54, 55, 68, 81, 121, 123

170207\_slice\_2: 124, 164, 177, 218

170214\_slice\_1: 4, 5, 9, 41, 45, 54, 60, 67, 87, 120, 135, 138, 152

170214\_slice\_2: 14, 212, 257, 270, 274, 281

170221\_slice\_2: 11, 12, 16, 17, 20, 23, 31, 38, 39, 43, 48, 52, 65, 81, 89, 114, 132, 172, 189, 191, 197, 206, 214

170228\_slice\_1: 10, 28, 36, 66, 76, 78, 83, 92, 96, 99, 100, 103, 106, 110, 115, 120, 121, 124, 128, 129, 130, 131, 132, 134, 136, 140, 141, 142, 144, 145, 151, 153, 155, 158, 160, 161

170228\_slice\_2: 51, 180, 219, 248, 259, 262, 265, 267

170328\_slice\_1: 1, 11, 16, 19, 20, 31, 48, 69, 165, 170, 175, 180, 182, 189, 195, 202, 203, 208, 219, 224, 228

170328\_slice\_2: 1, 89, 105, 106, 111, 159, 217

170404\_slice\_2: 206, 250, 261, 281

170410\_slice\_1: 2, 12, 38, 117

170410\_slice\_2: 107, 222

170419\_slice\_1: 9, 19, 278

170419\_slice\_2: 14, 165, 170

170424\_slice\_2: 96, 113, 248

171108\_slice\_1: 23

171108\_slice\_2: 32, 33, 181

171114\_slice\_1: 2, 4, 6, 7, 8, 9, 10, 12, 13, 20, 23, 25, 78, 81, 85, 86, 95, 97, 98, 102, 103, 109

171114\_slice\_2: 18

171120\_slice\_1: 1, 2, 3, 4, 5, 8, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 31, 32, 35, 36, 37, 39, 40, 42, 43, 44, 52, 56, 60, 62, 67, 69, 71, 77, 78, 79, 80, 82, 84, 87, 90, 92, 93, 94, 95, 98, 99, 100, 102, 104, 105, 107, 108, 114, 115, 116, 117, 120, 121, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 135, 136, 138

171120\_slice\_2: 295

171204\_slice\_1: 3, 91

171204\_slice\_2: 20

171211\_slice\_1: 1, 4, 19, 20, 22, 23, 24, 25, 31, 33, 34, 36, 47, 53, 63, 102, 104, 106, 108, 114, 115, 118, 119, 122, 123, 124, 125, 127, 130, 135, 138, 141, 144, 145, 146, 147, 148, 151

171218\_slice\_2: 10

171224\_slice\_1: 4, 7, 8, 9, 15, 17, 26, 27, 28, 29, 34, 35, 36, 40, 41, 44, 47, 49, 50, 51, 52, 53, 55, 57, 58, 61, 62, 65, 85, 88, 91, 95, 96, 97, 98, 99, 100, 101, 105, 107, 109, 111, 112, 114, 115, 116, 117, 118, 119, 121, 124, 128, 129, 134, 138, 141, 144