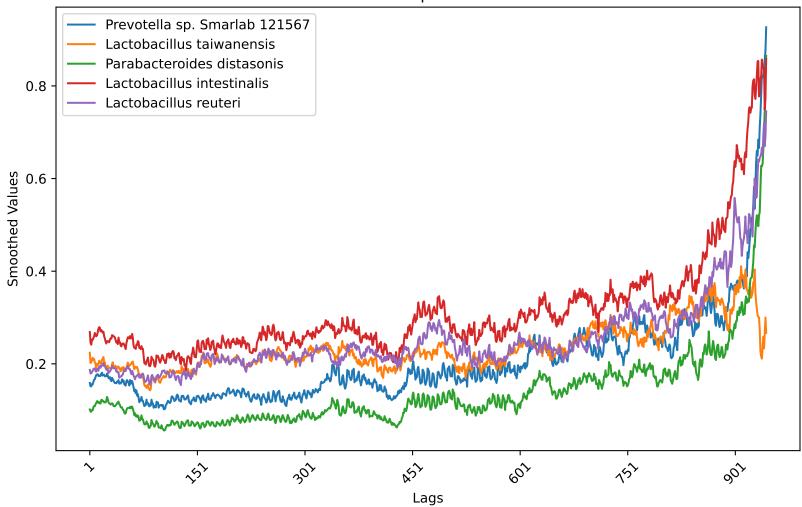
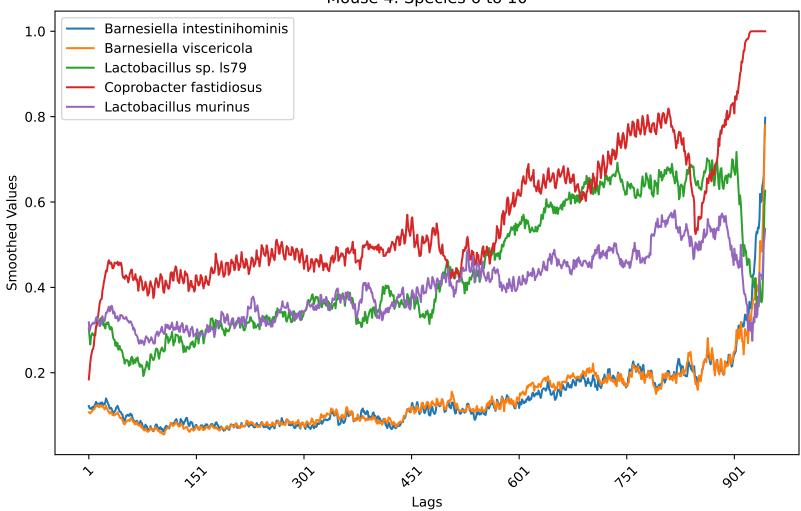
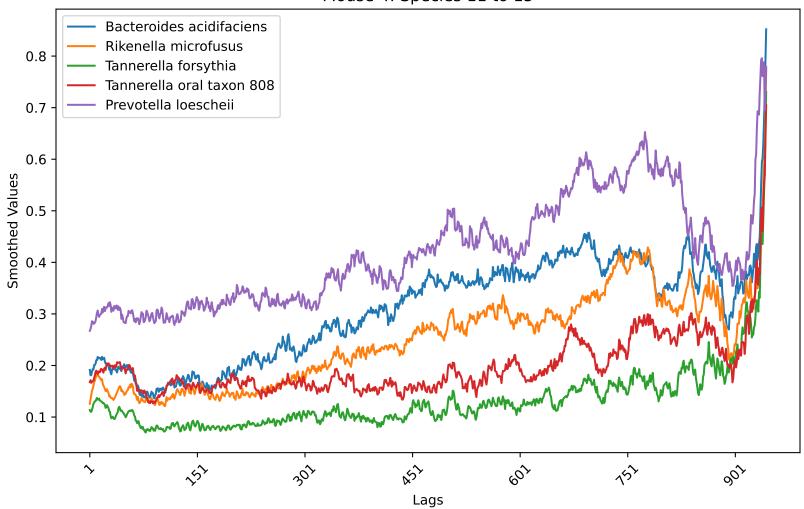
Mouse 4: Species 1 to 5



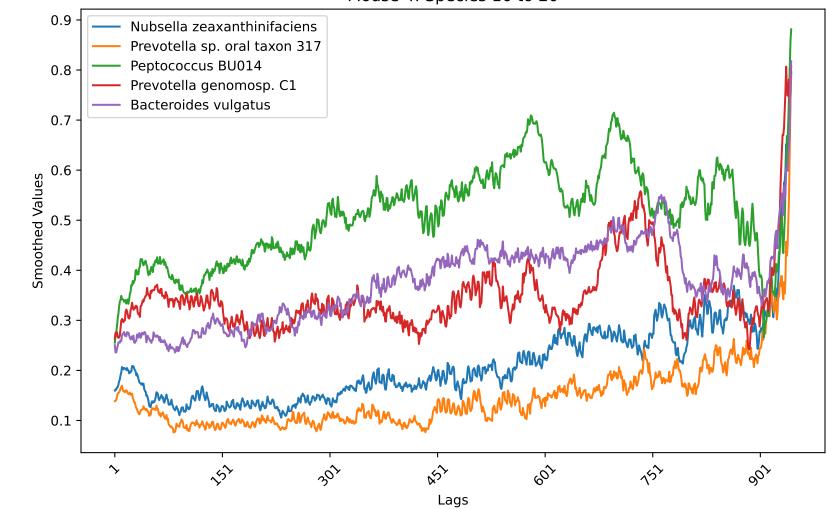
Mouse 4: Species 6 to 10



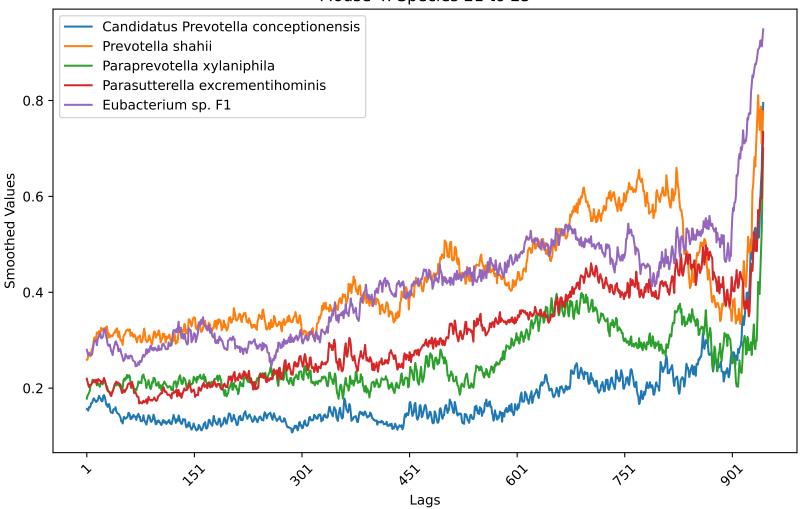
Mouse 4: Species 11 to 15



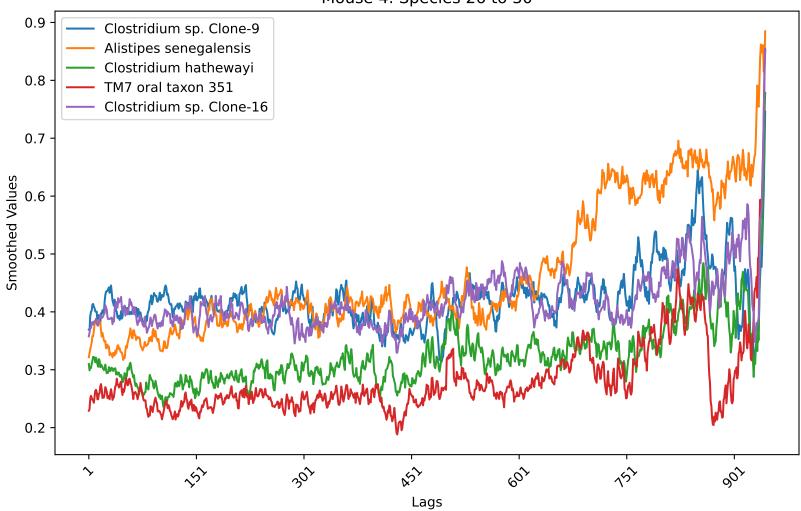
Mouse 4: Species 16 to 20



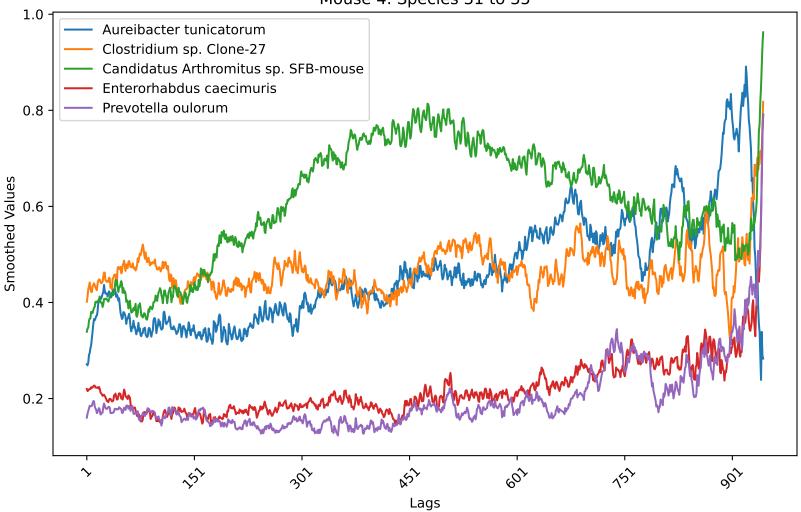
Mouse 4: Species 21 to 25



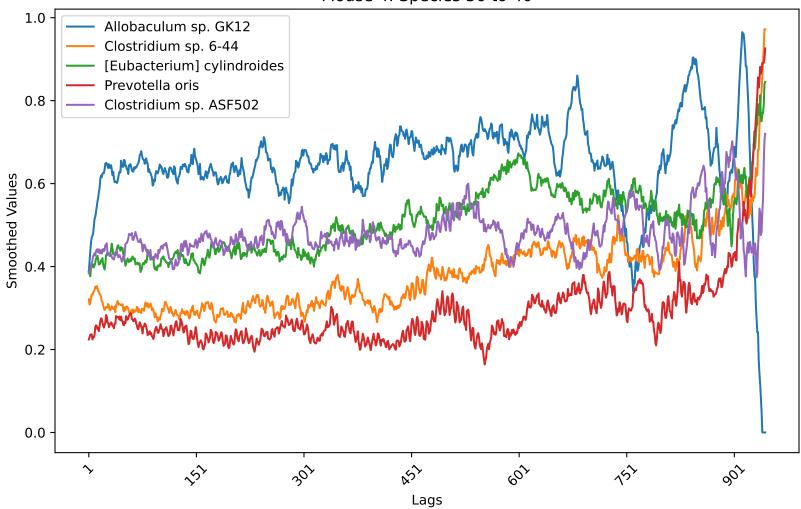
Mouse 4: Species 26 to 30



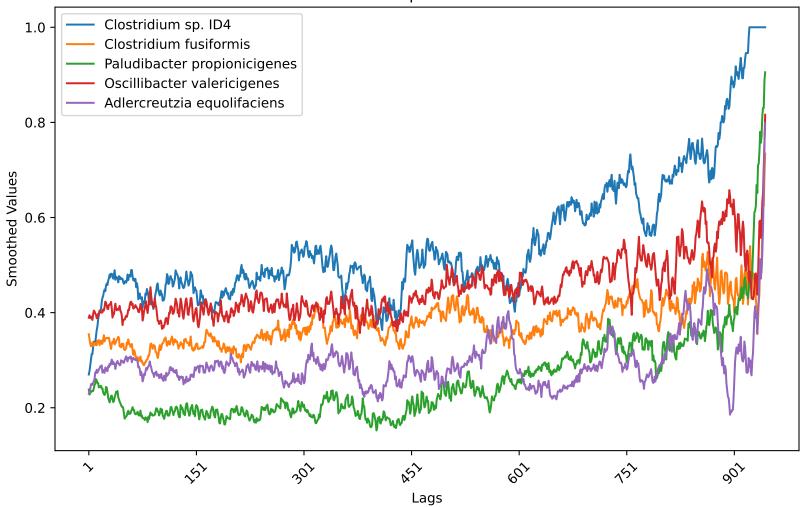
Mouse 4: Species 31 to 35



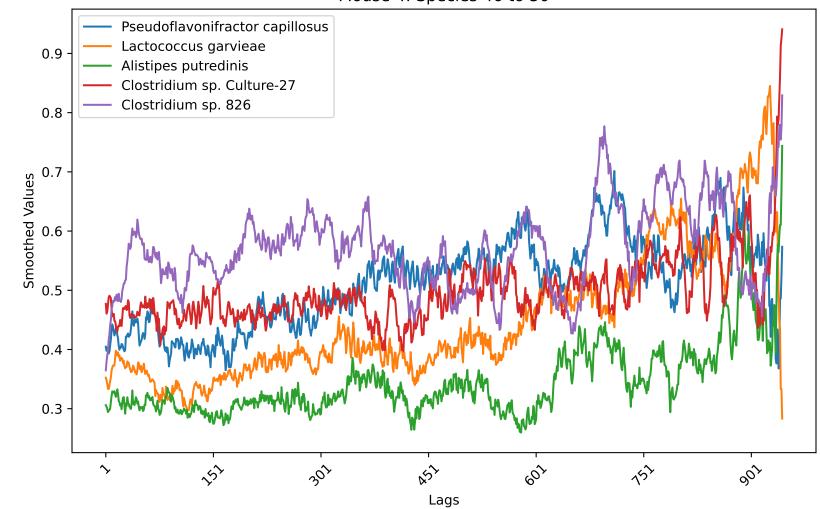
Mouse 4: Species 36 to 40



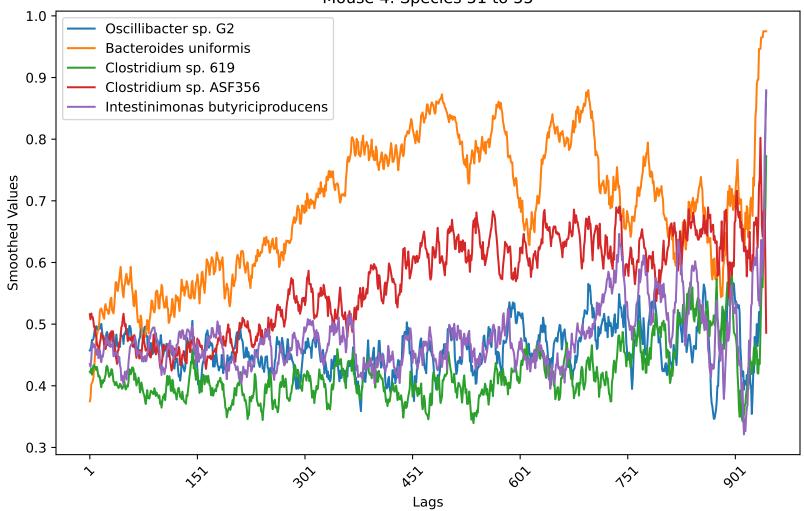
Mouse 4: Species 41 to 45



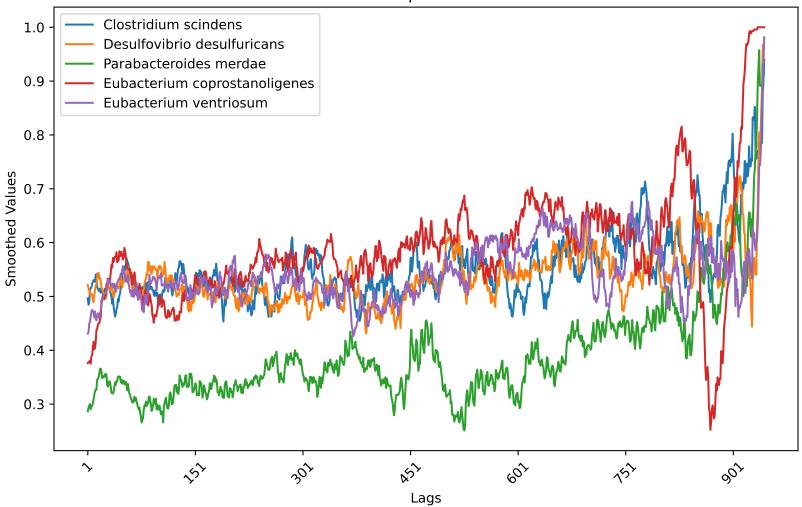
Mouse 4: Species 46 to 50



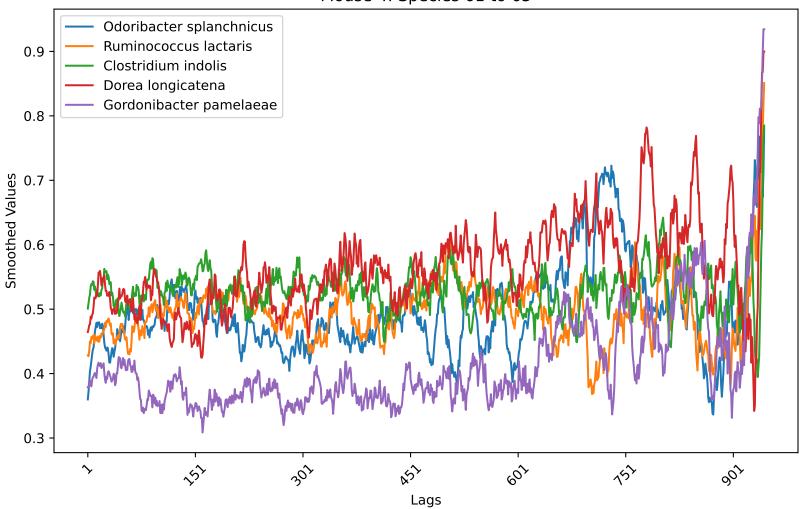
Mouse 4: Species 51 to 55



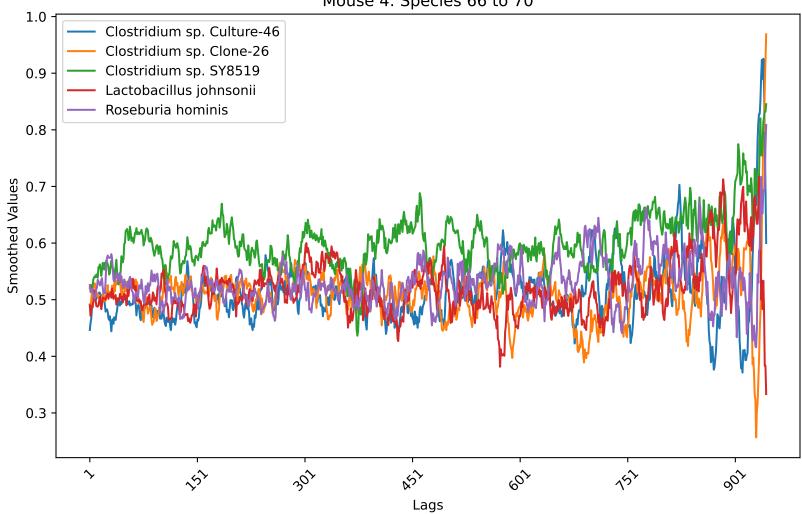
Mouse 4: Species 56 to 60



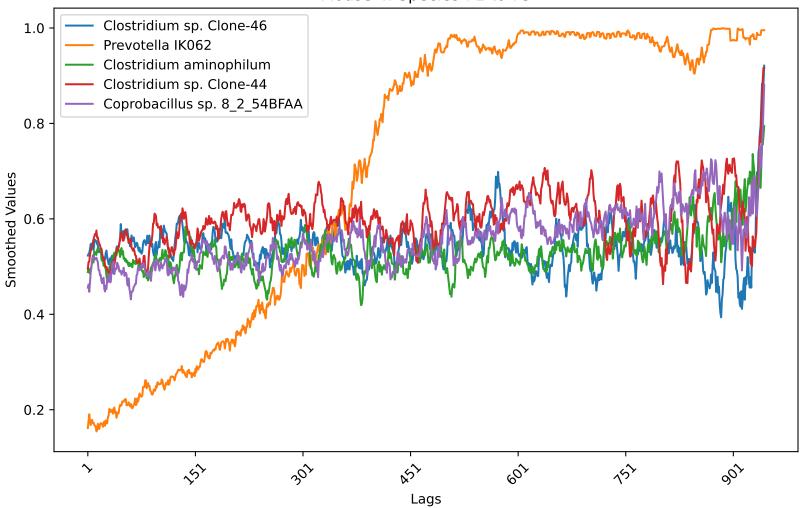
Mouse 4: Species 61 to 65



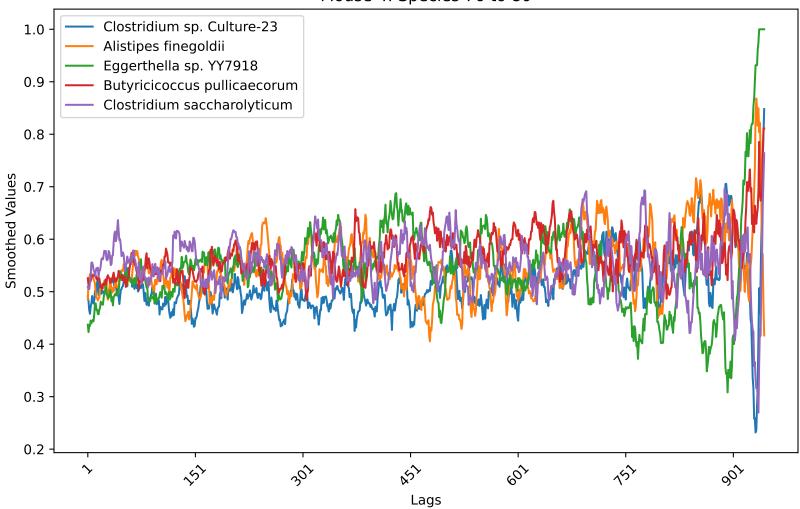
Mouse 4: Species 66 to 70



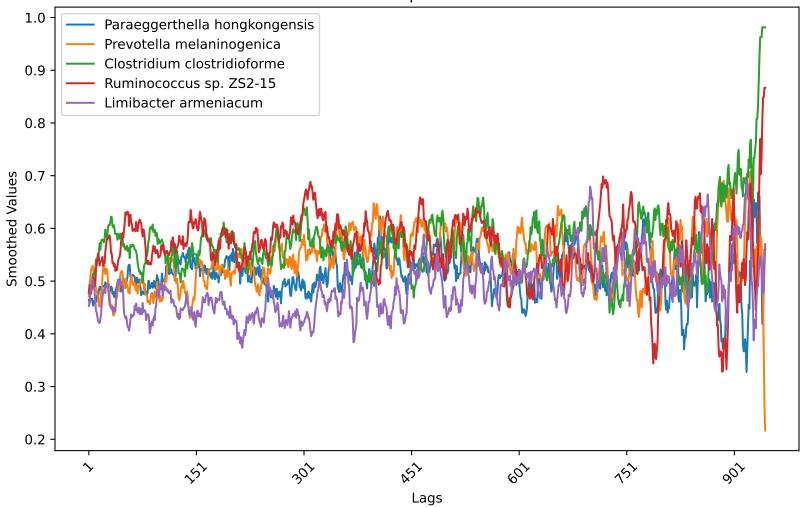
Mouse 4: Species 71 to 75



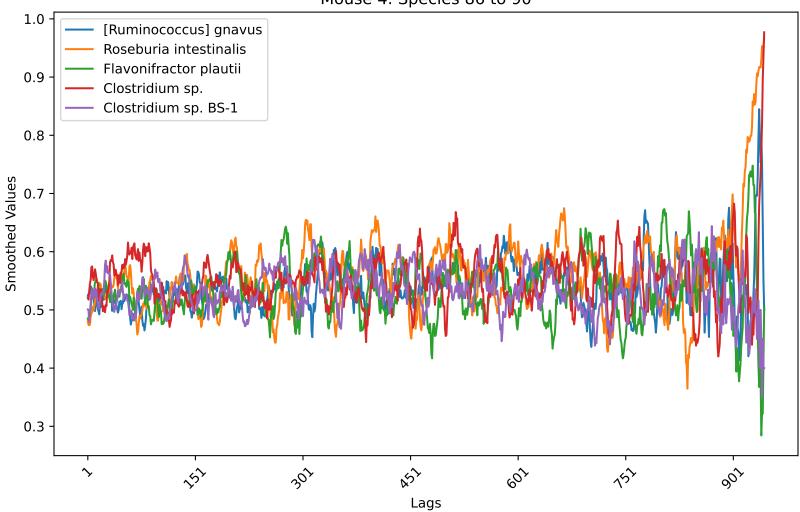
Mouse 4: Species 76 to 80



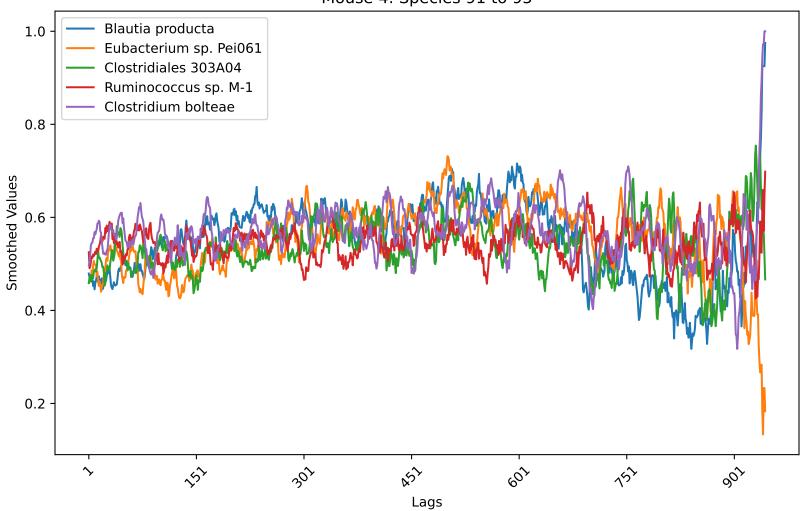
Mouse 4: Species 81 to 85



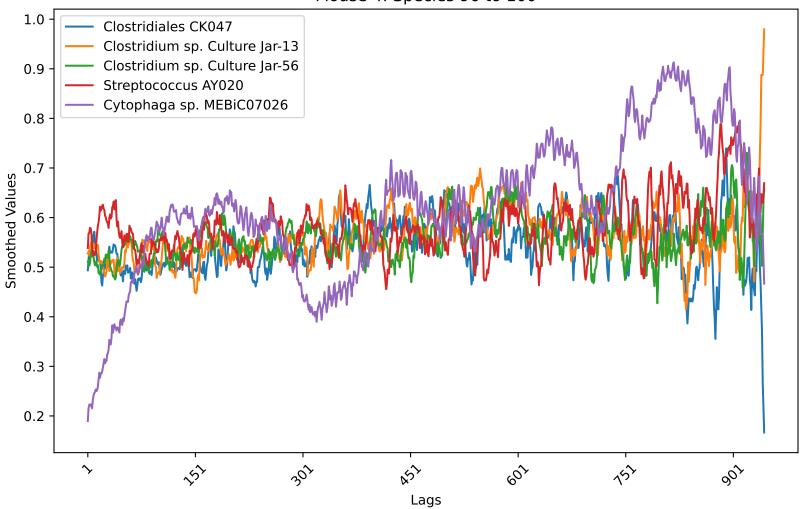
Mouse 4: Species 86 to 90



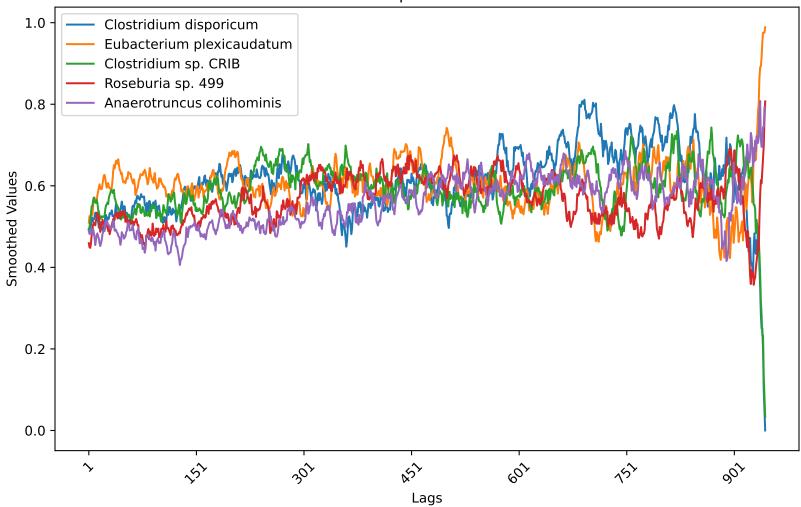
Mouse 4: Species 91 to 95



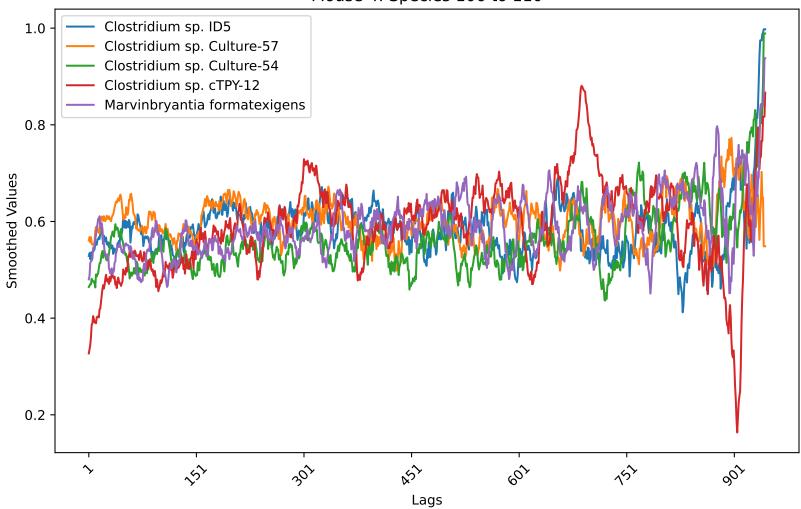
Mouse 4: Species 96 to 100



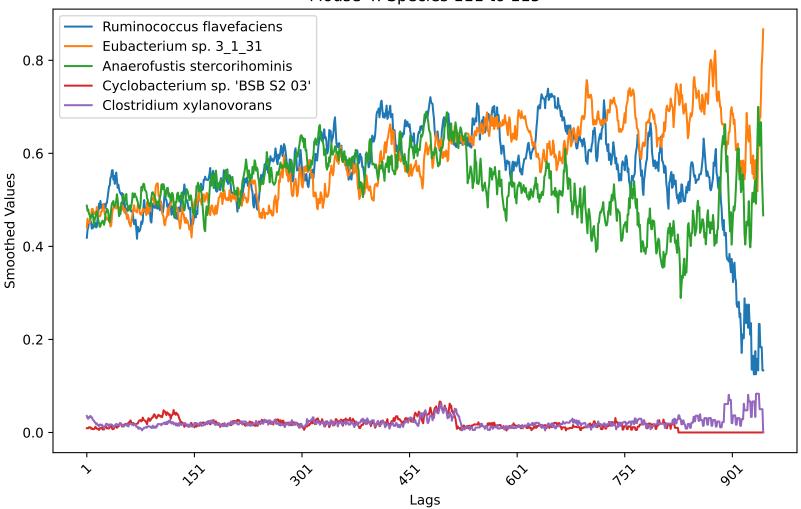
Mouse 4: Species 101 to 105



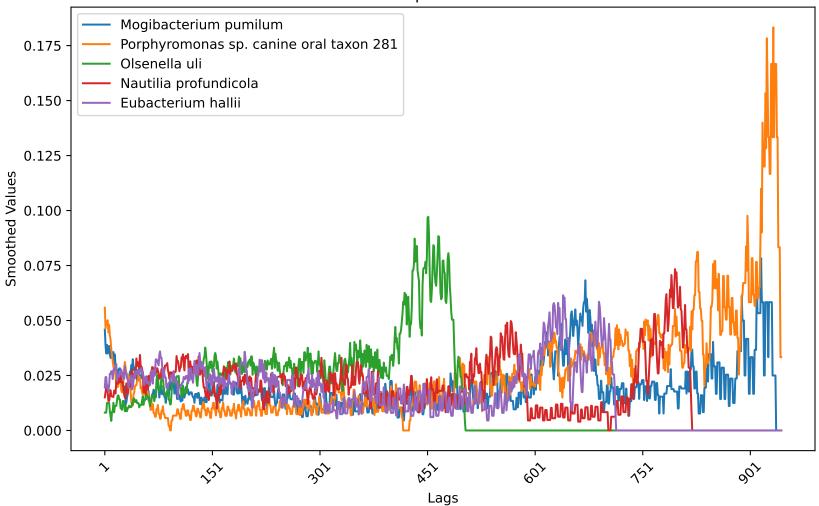
Mouse 4: Species 106 to 110



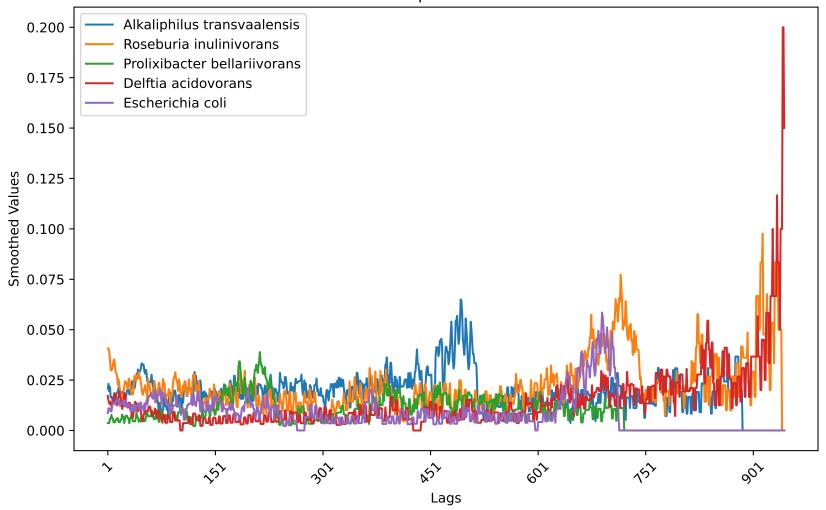
Mouse 4: Species 111 to 115



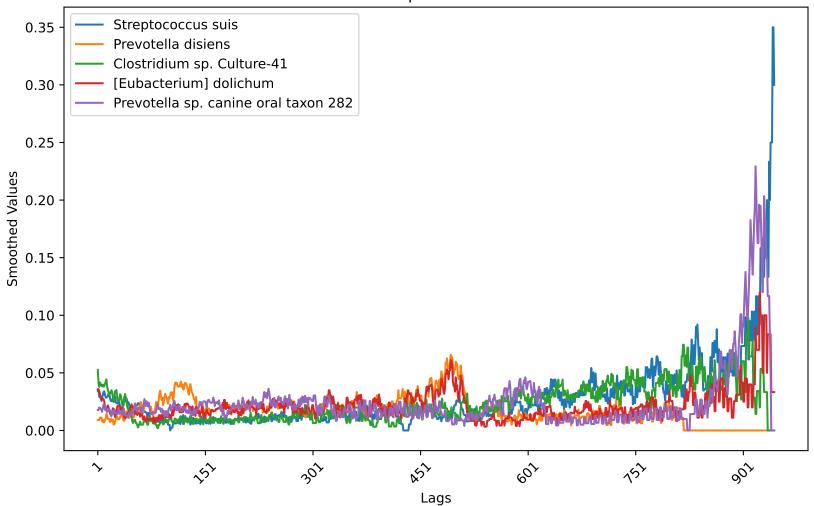
Mouse 4: Species 116 to 120



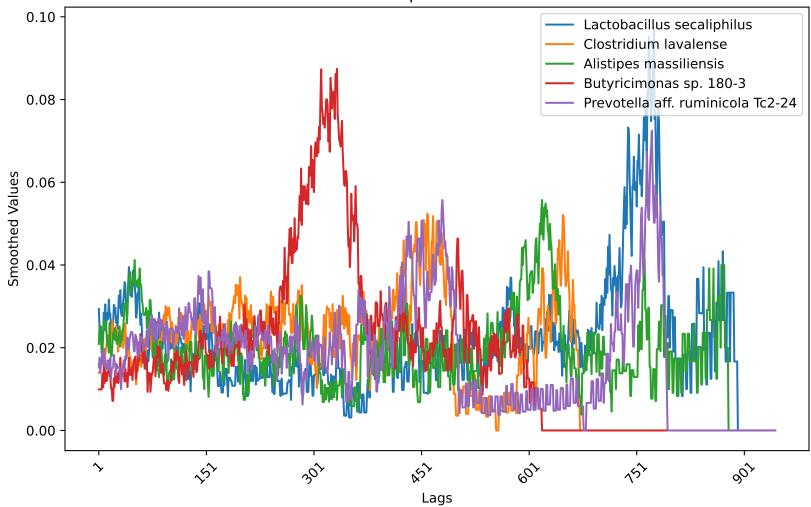
Mouse 4: Species 121 to 125



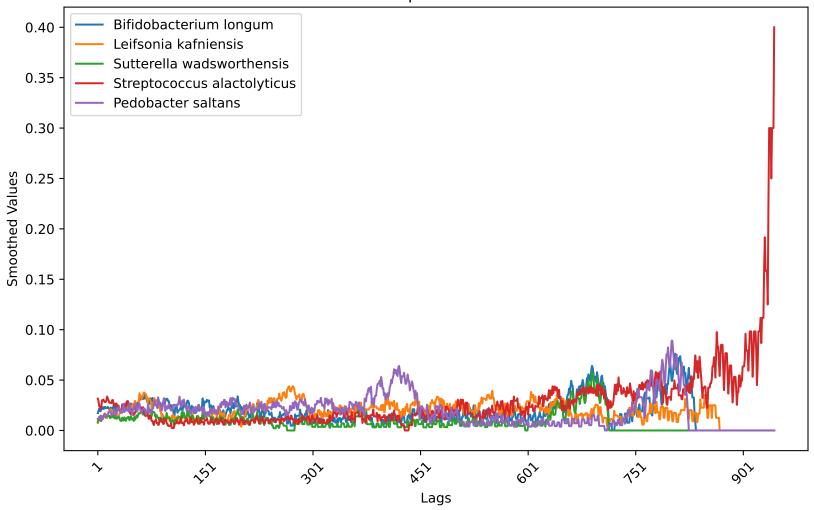
Mouse 4: Species 126 to 130



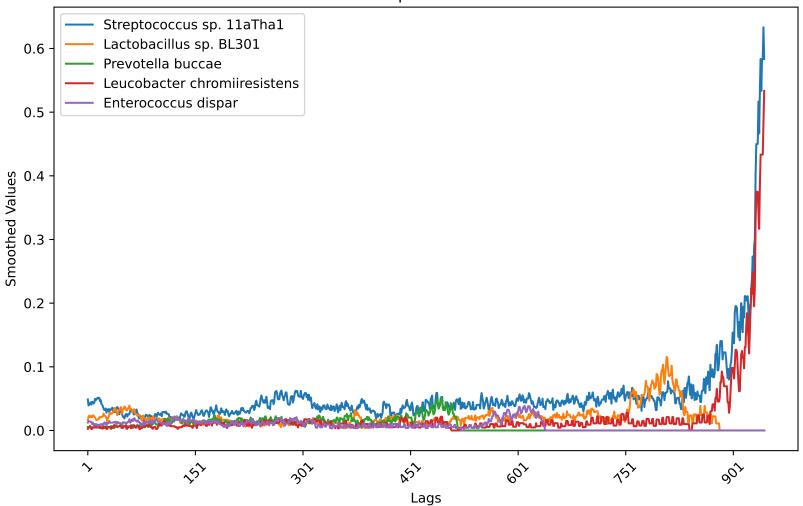
Mouse 4: Species 131 to 135



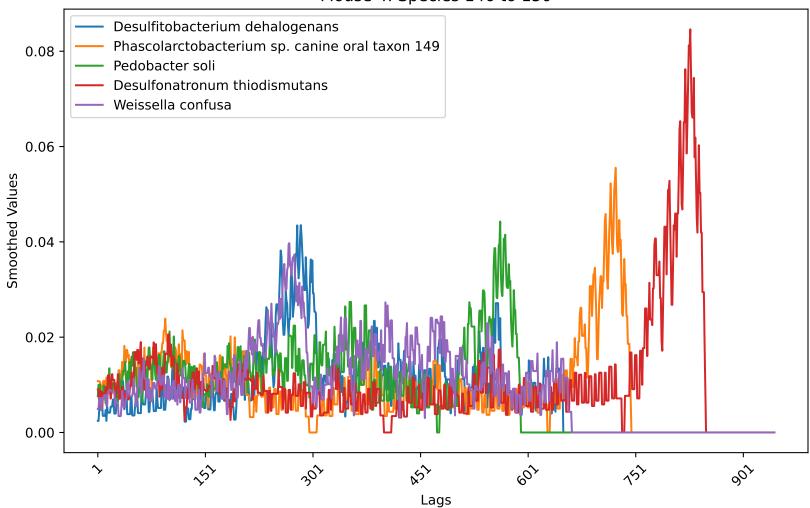
Mouse 4: Species 136 to 140



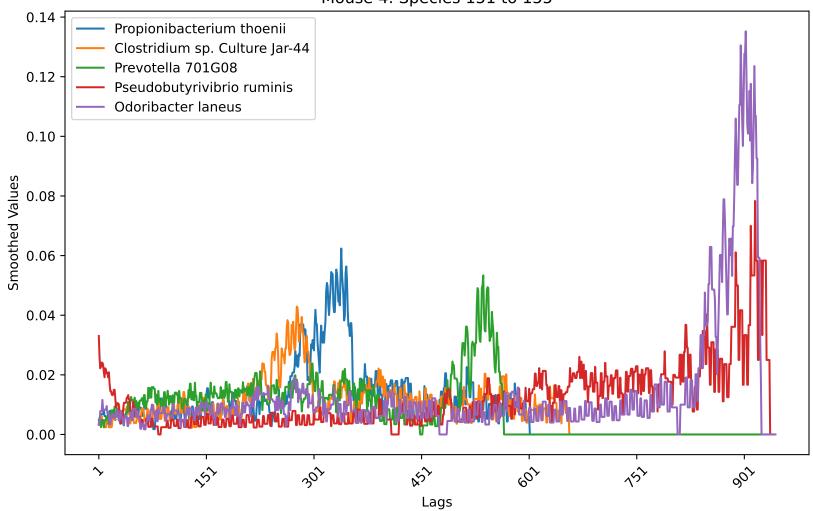
Mouse 4: Species 141 to 145



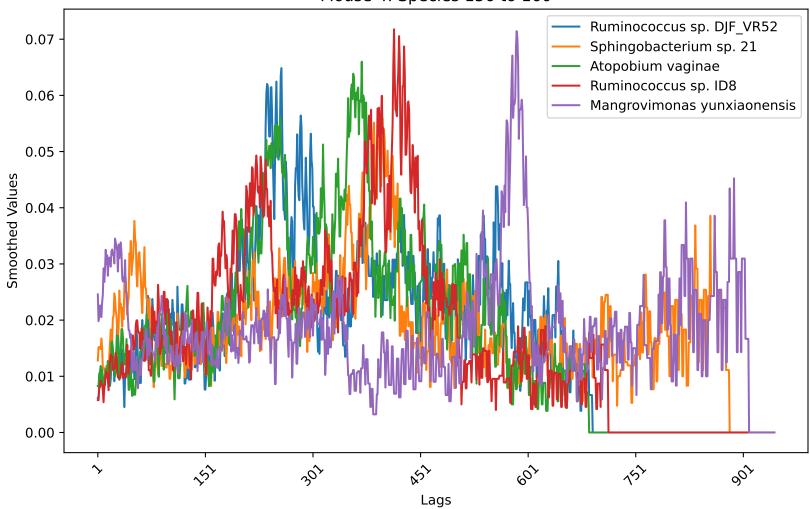
Mouse 4: Species 146 to 150



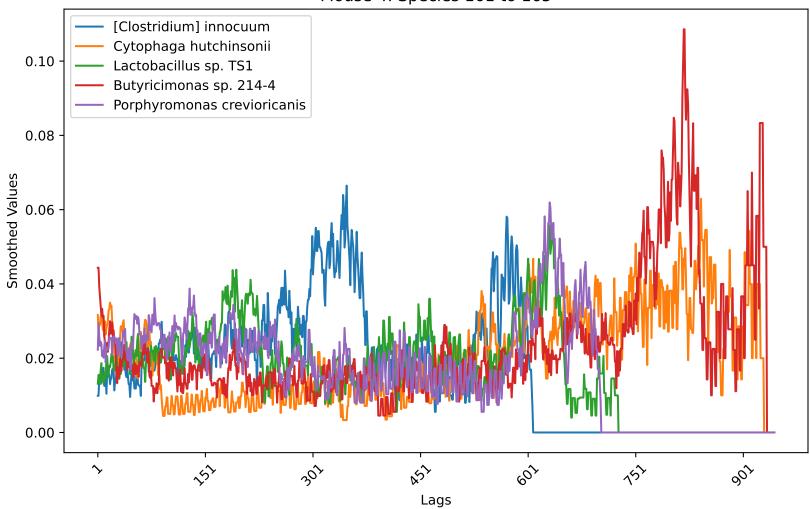
Mouse 4: Species 151 to 155



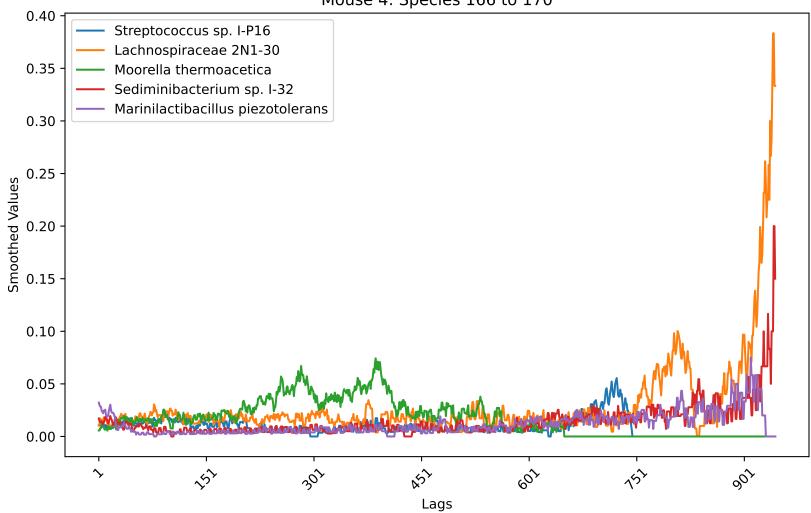
Mouse 4: Species 156 to 160



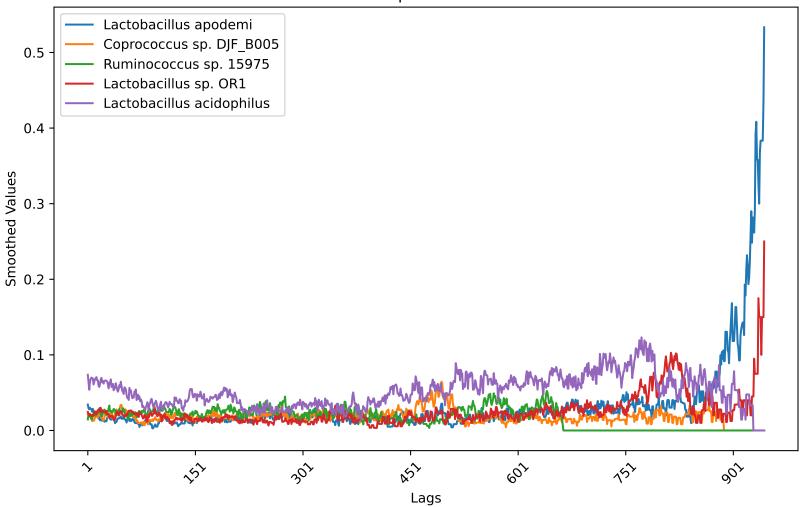
Mouse 4: Species 161 to 165



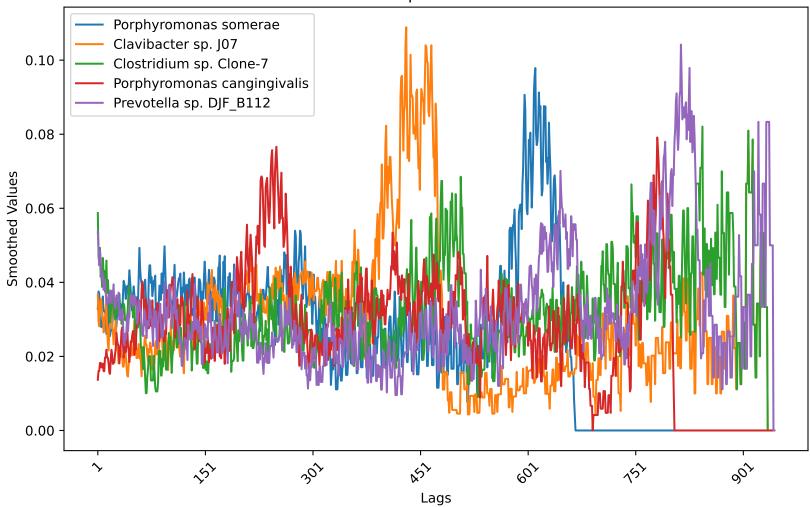
Mouse 4: Species 166 to 170



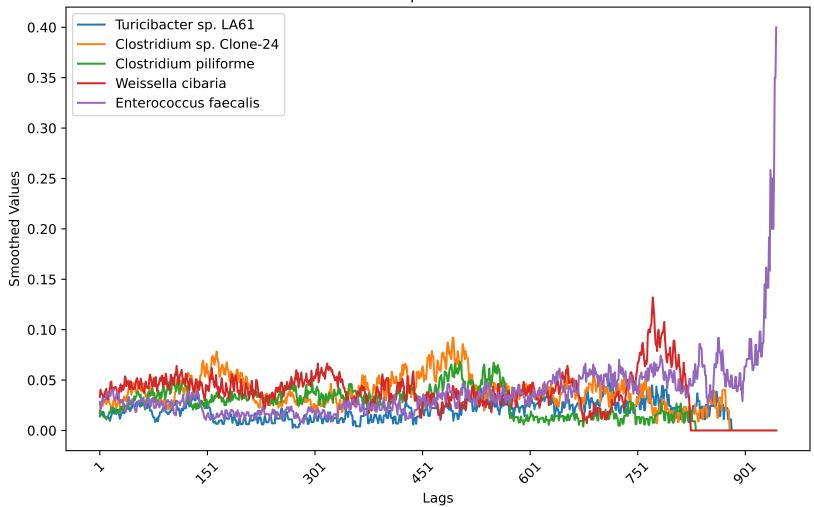
Mouse 4: Species 171 to 175



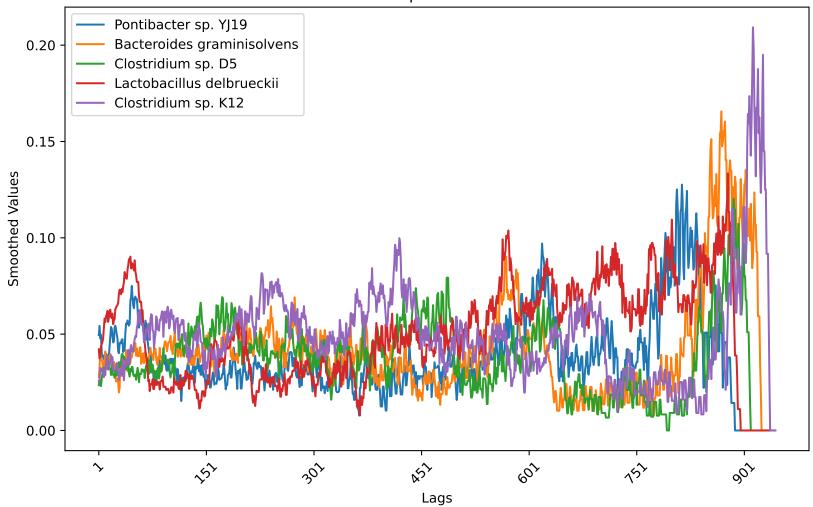
Mouse 4: Species 176 to 180



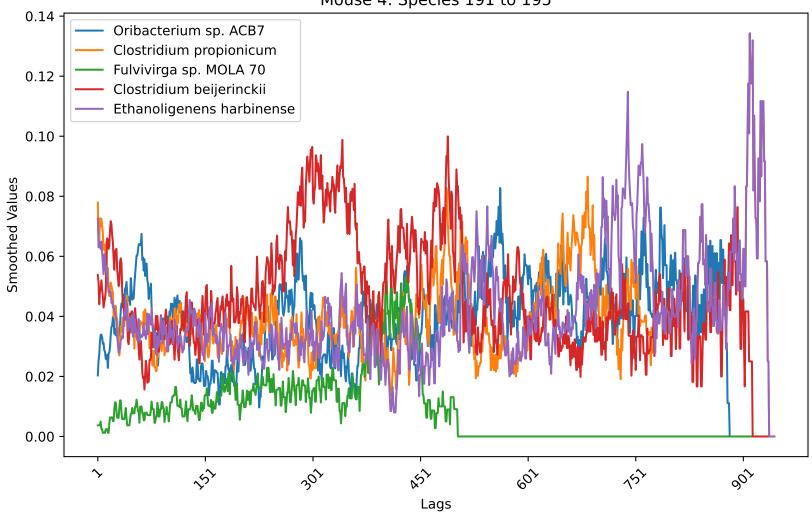
Mouse 4: Species 181 to 185



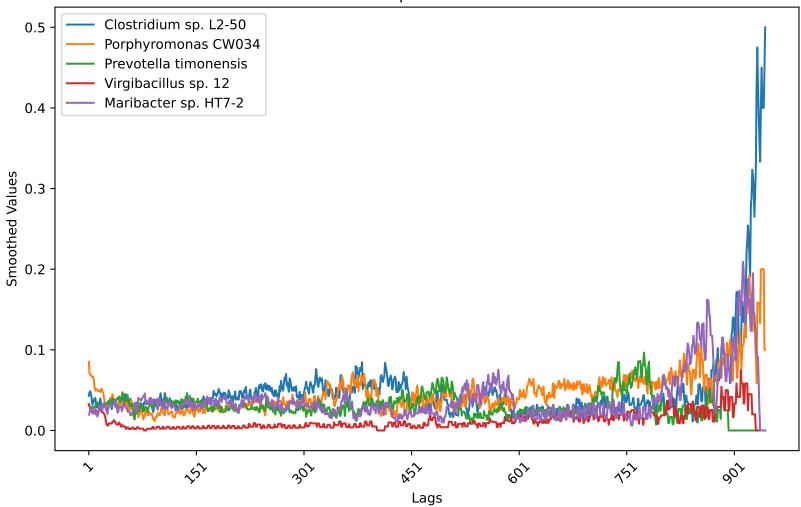
Mouse 4: Species 186 to 190



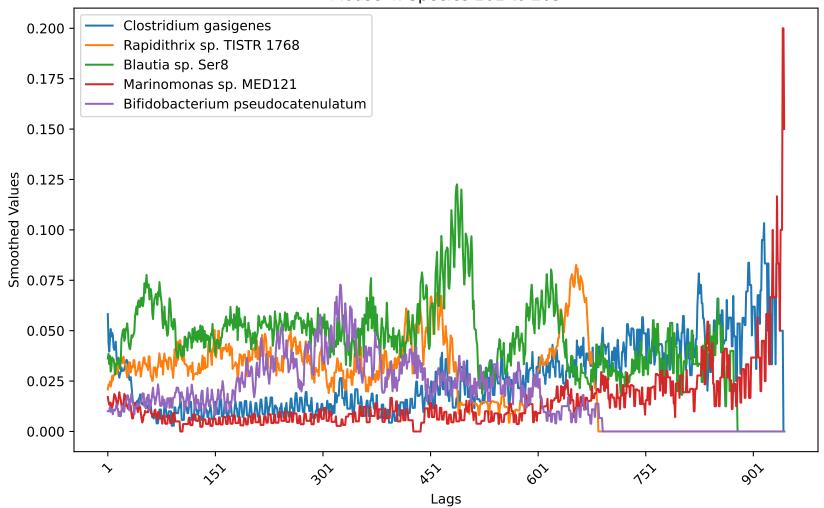
Mouse 4: Species 191 to 195



Mouse 4: Species 196 to 200



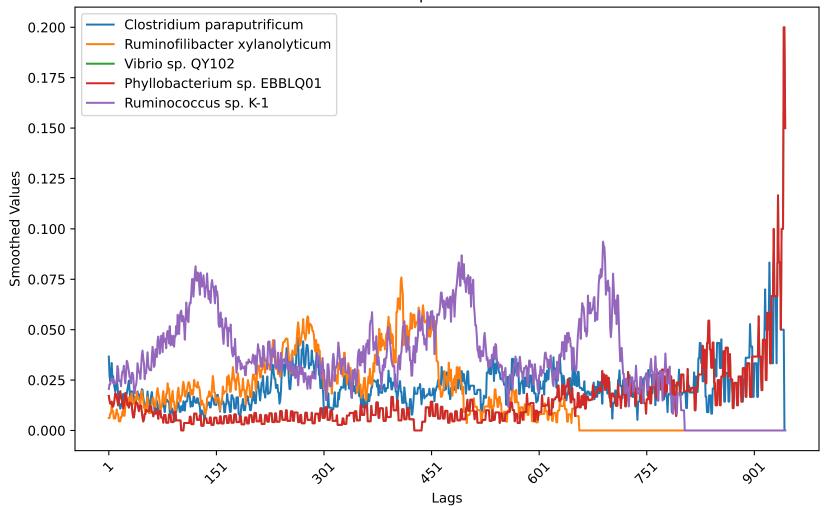
Mouse 4: Species 201 to 205



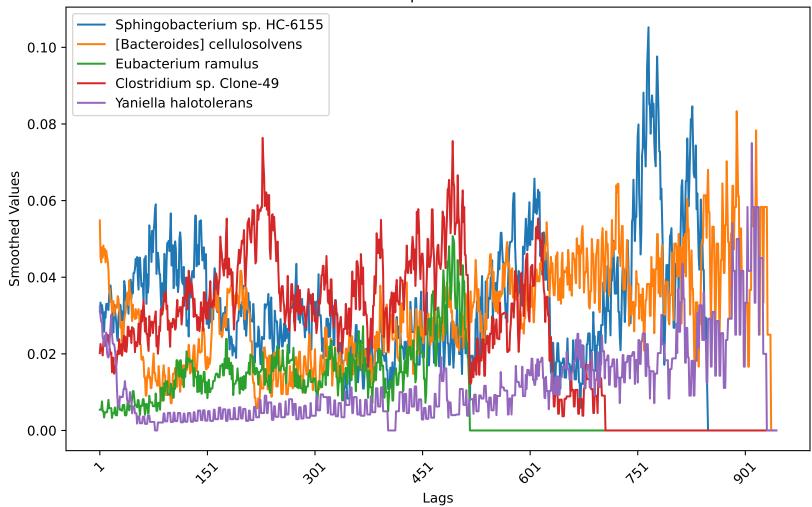
Mouse 4: Species 206 to 210 0.16 Acetanaerobacterium elongatum Prevotella genomosp. P4 0.14 -Prevotella pleuritidis Prevotella veroralis Sphingomonas leidyi 0.12 0.10 Smoothed Values 90.0 - 60.0 0.04 0.02 0.00 302 902 60,

Lags

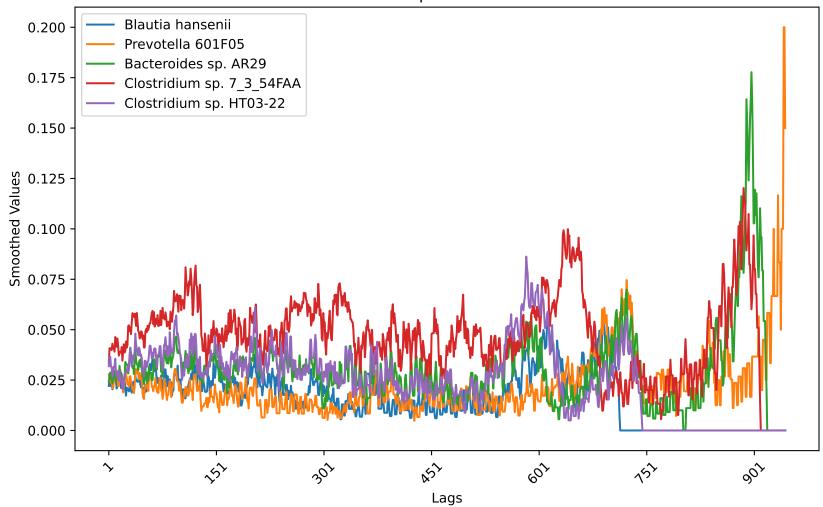
Mouse 4: Species 211 to 215



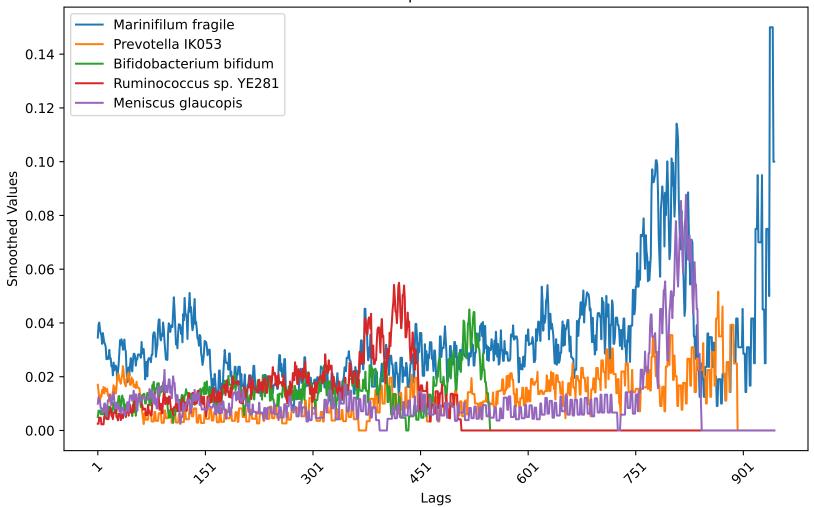
Mouse 4: Species 216 to 220



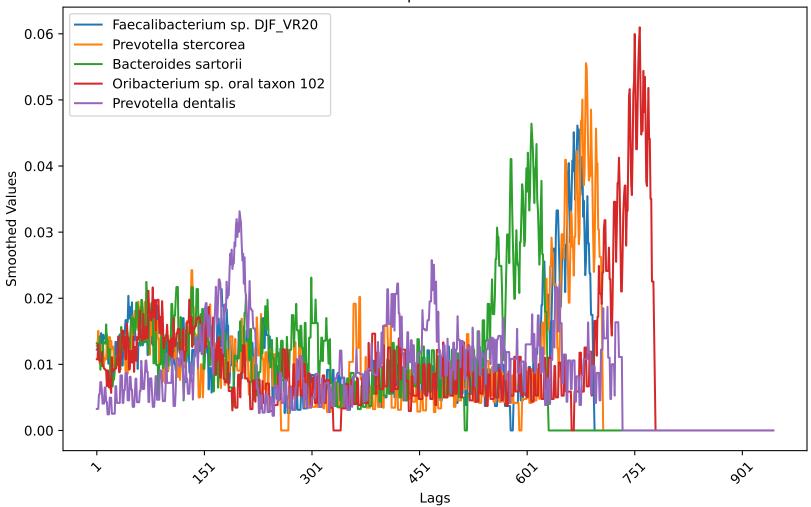
Mouse 4: Species 221 to 225



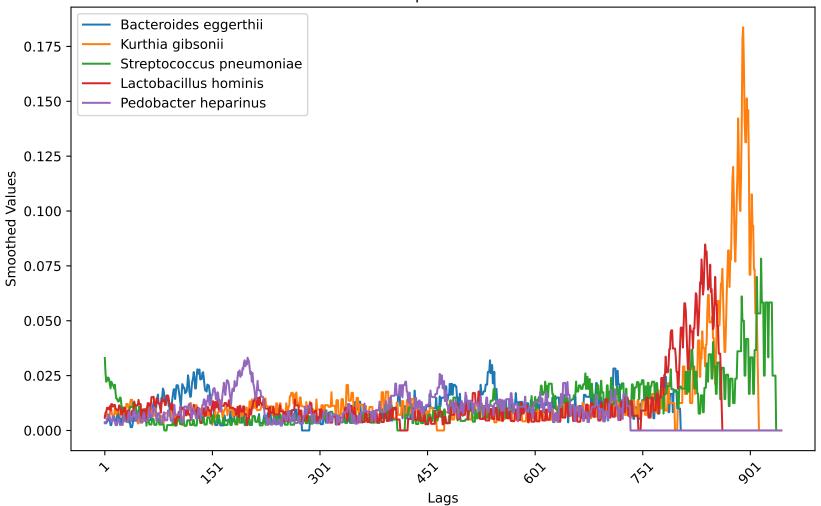
Mouse 4: Species 226 to 230



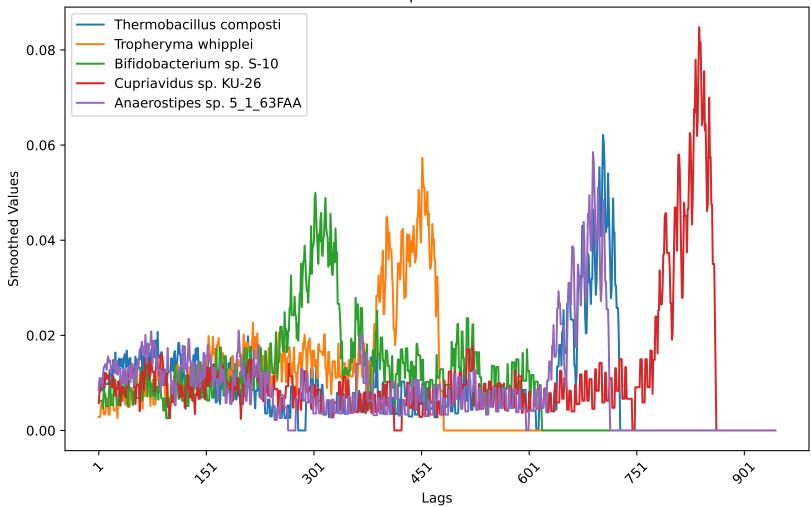
Mouse 4: Species 231 to 235



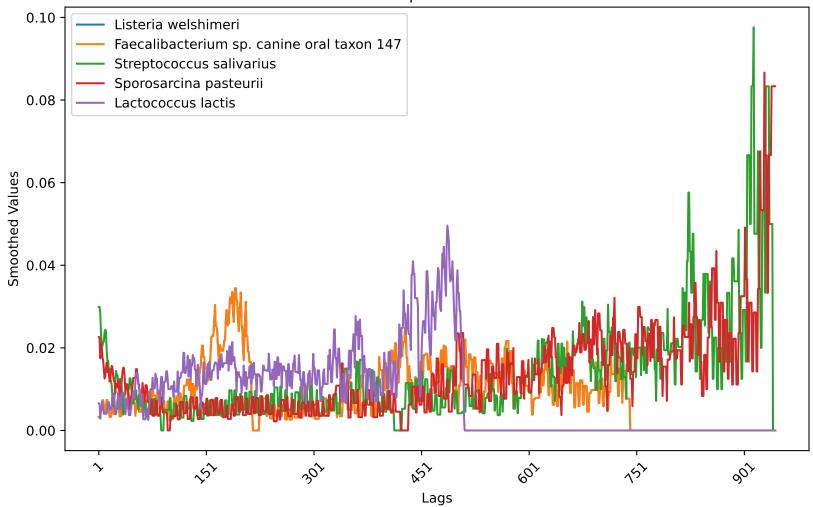
Mouse 4: Species 236 to 240



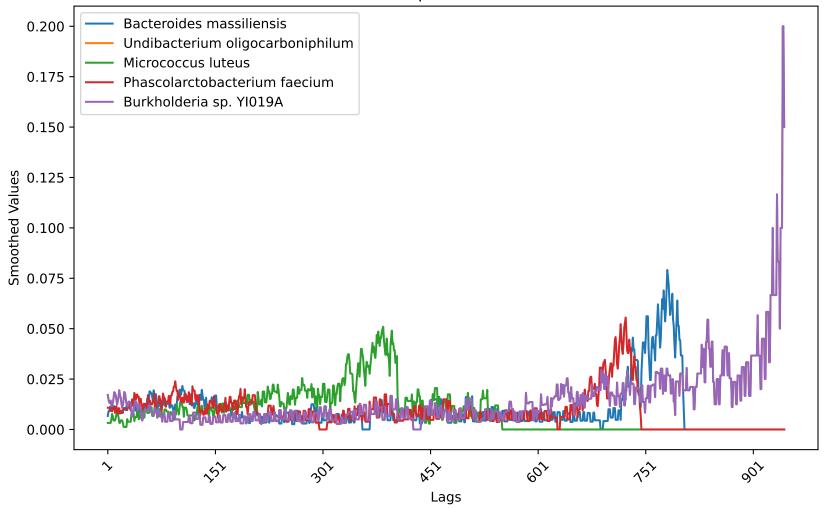
Mouse 4: Species 241 to 245



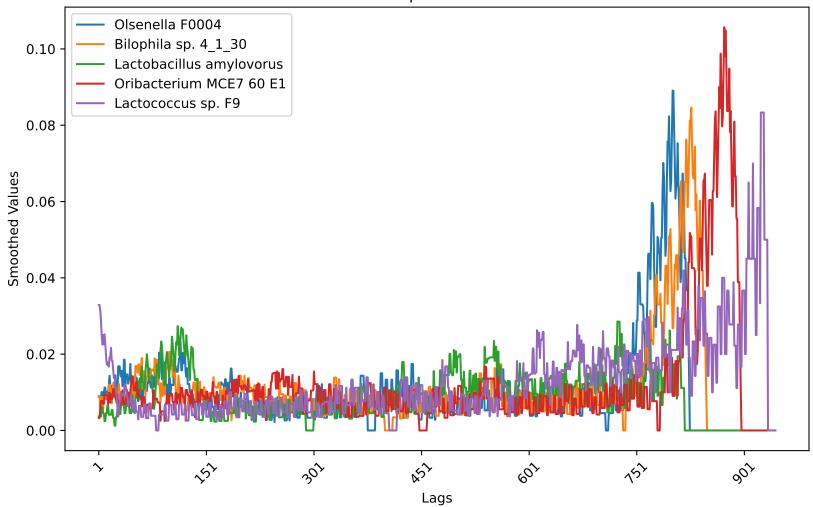
Mouse 4: Species 246 to 250



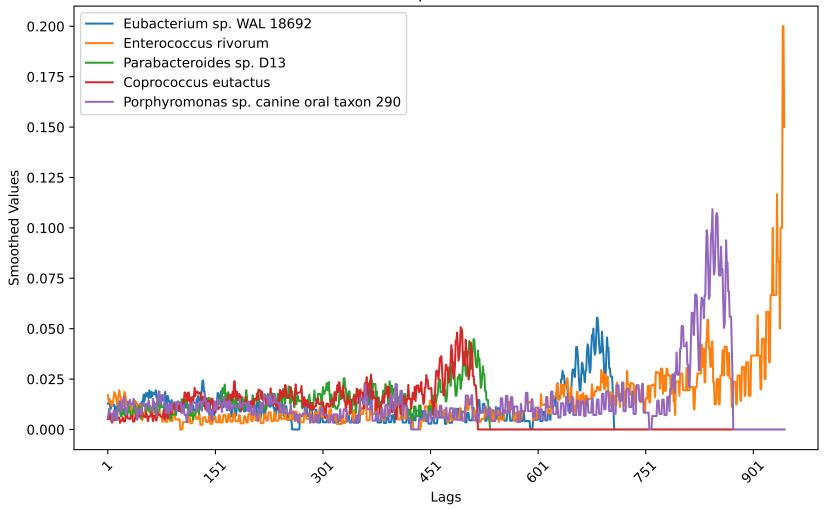
Mouse 4: Species 251 to 255



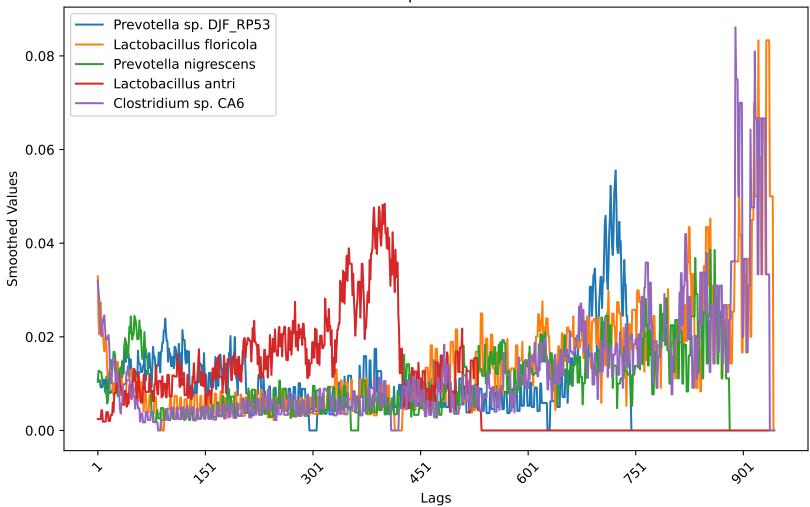
Mouse 4: Species 256 to 260



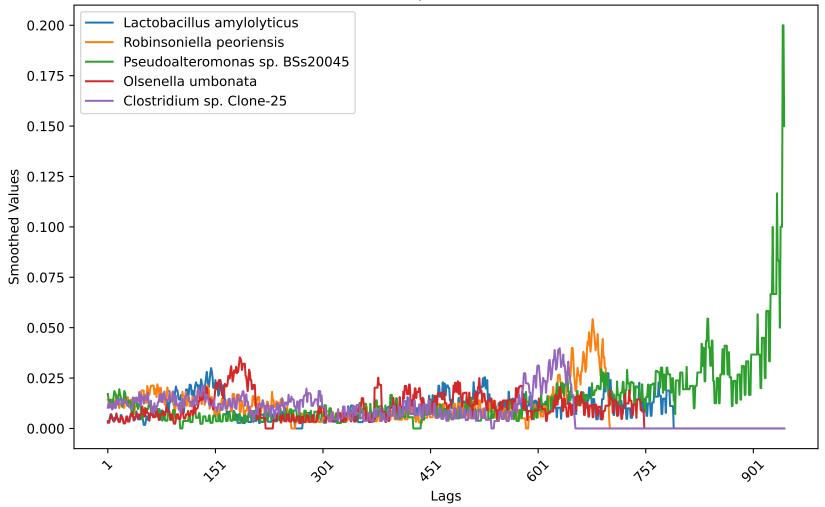
Mouse 4: Species 261 to 265



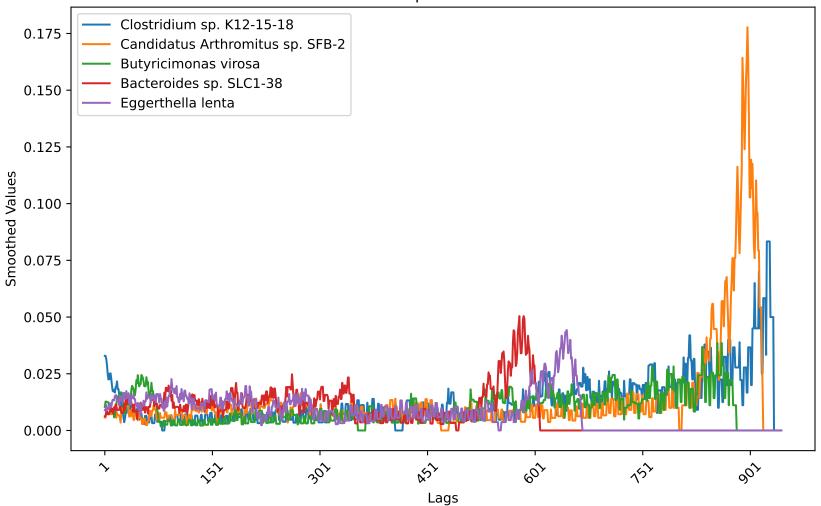
Mouse 4: Species 266 to 270



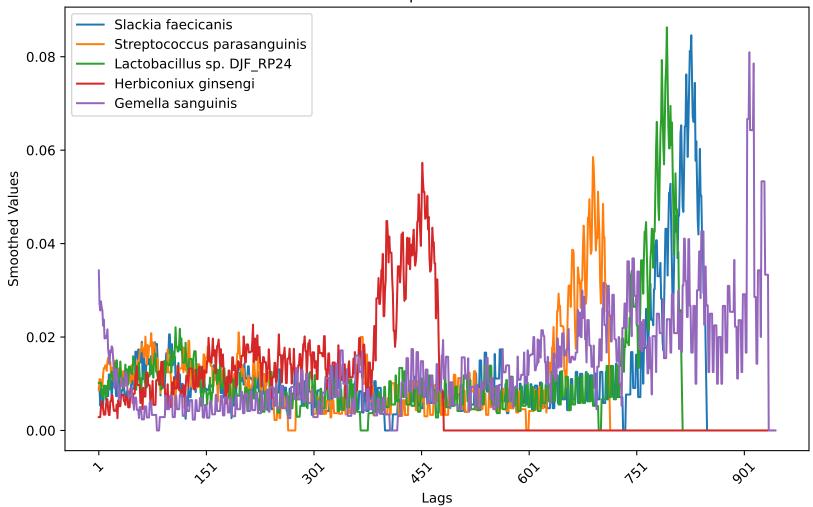
Mouse 4: Species 271 to 275



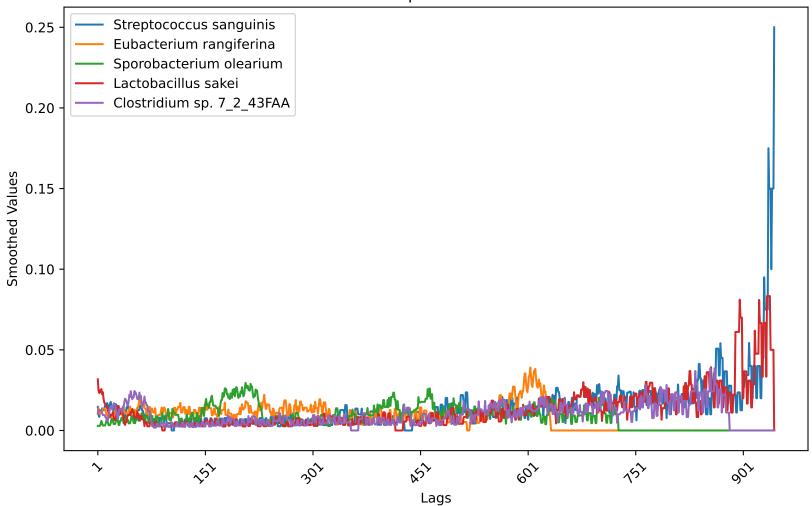
Mouse 4: Species 276 to 280



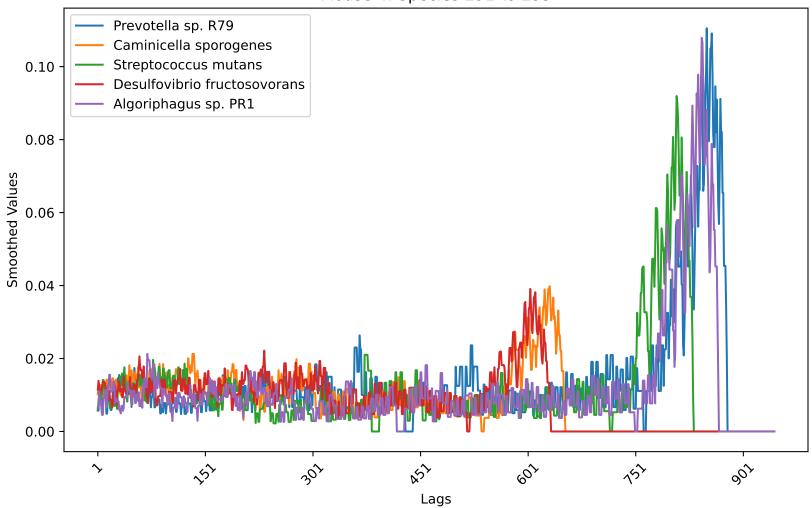
Mouse 4: Species 281 to 285



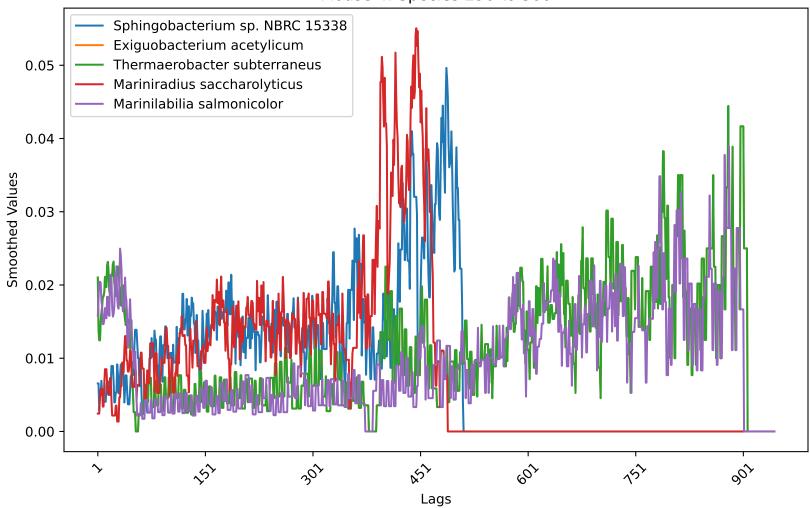
Mouse 4: Species 286 to 290



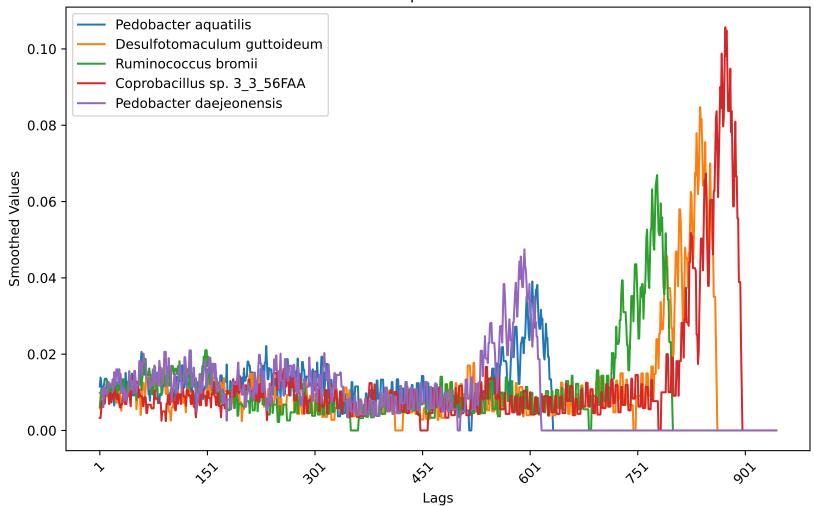
Mouse 4: Species 291 to 295



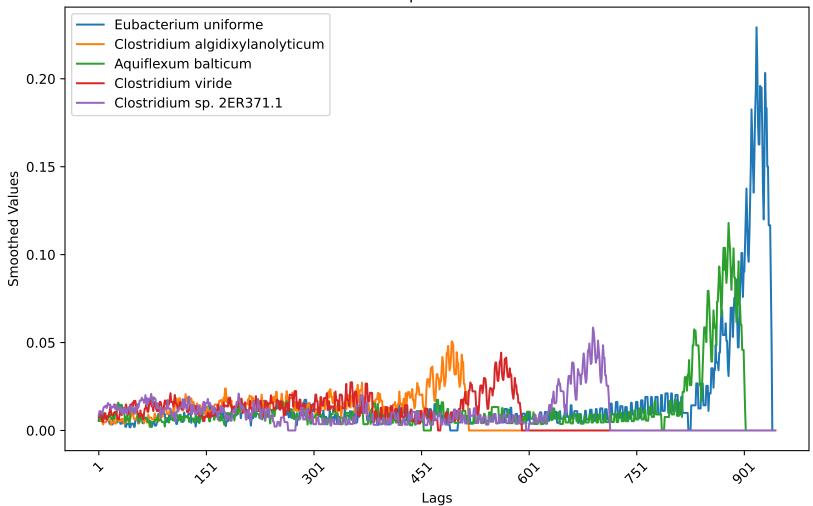
Mouse 4: Species 296 to 300



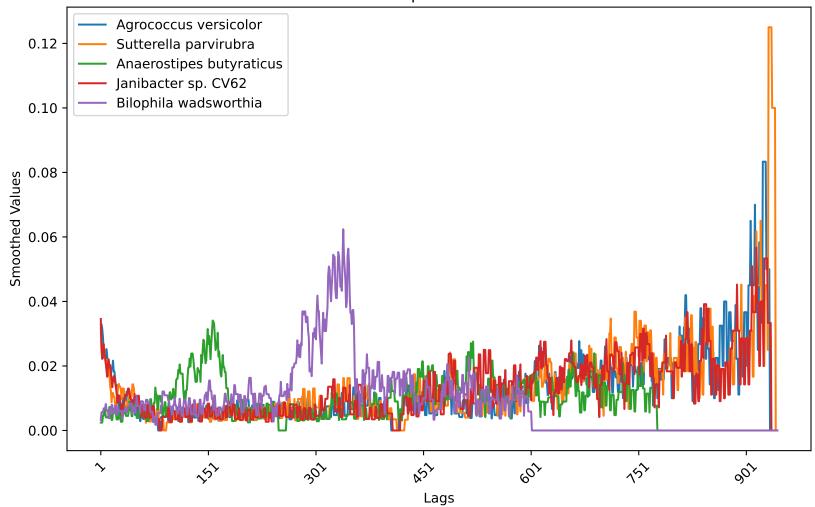
Mouse 4: Species 301 to 305



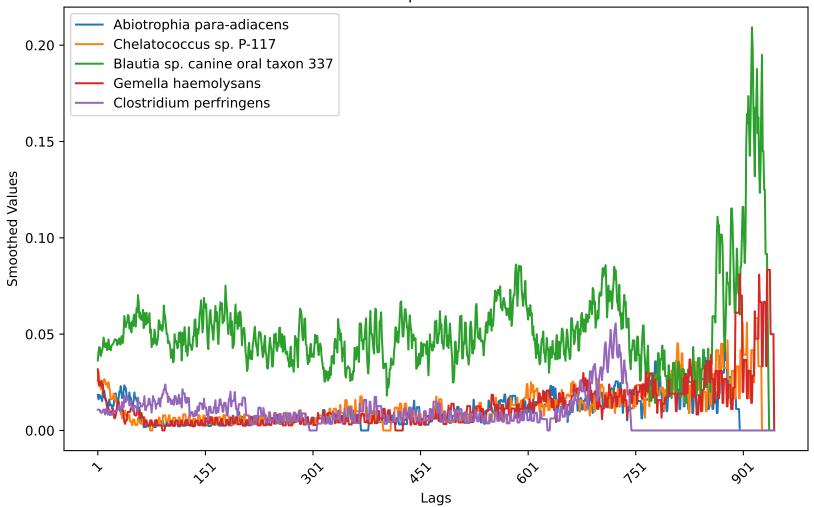
Mouse 4: Species 306 to 310



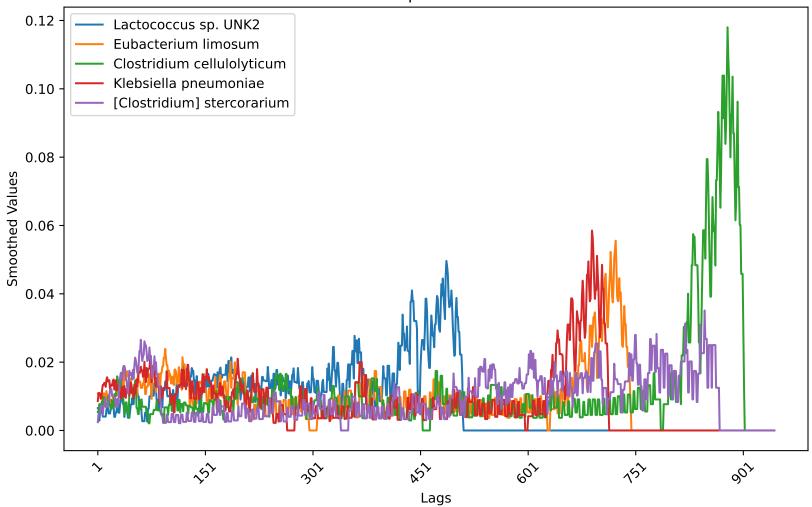
Mouse 4: Species 311 to 315



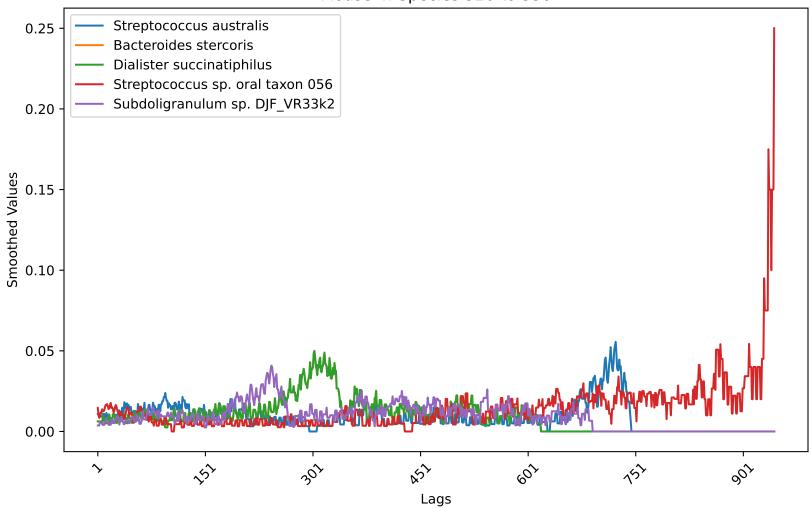
Mouse 4: Species 316 to 320



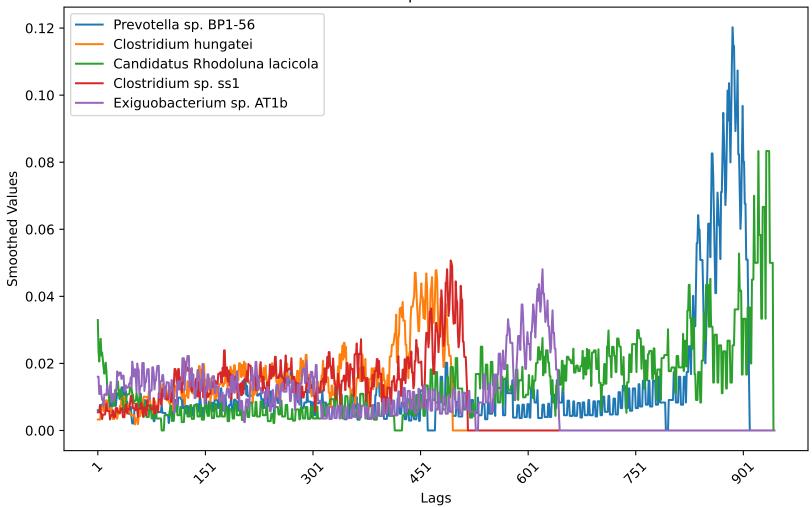
Mouse 4: Species 321 to 325



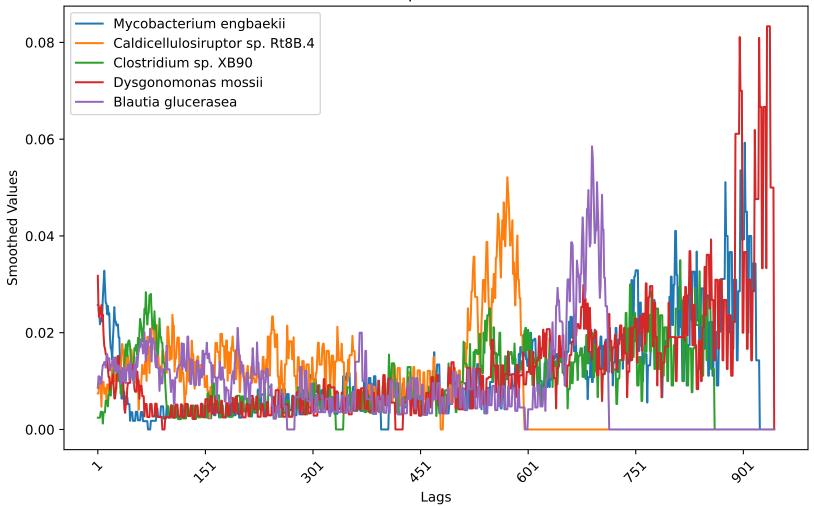
Mouse 4: Species 326 to 330



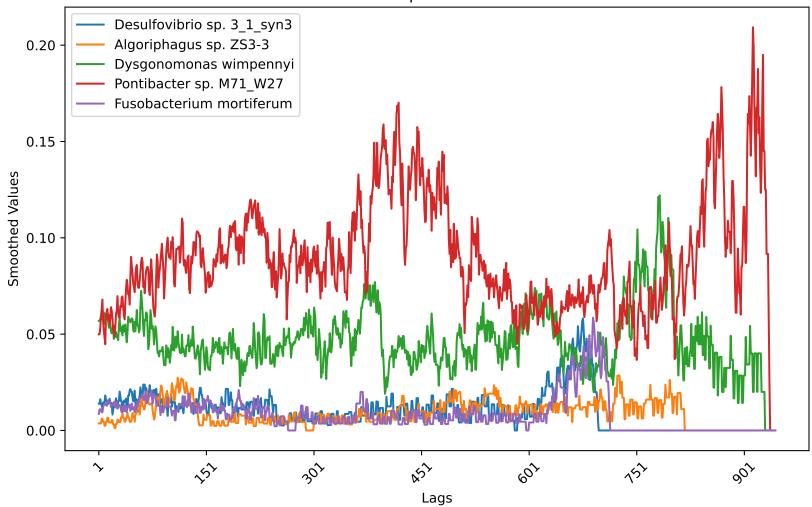
Mouse 4: Species 331 to 335



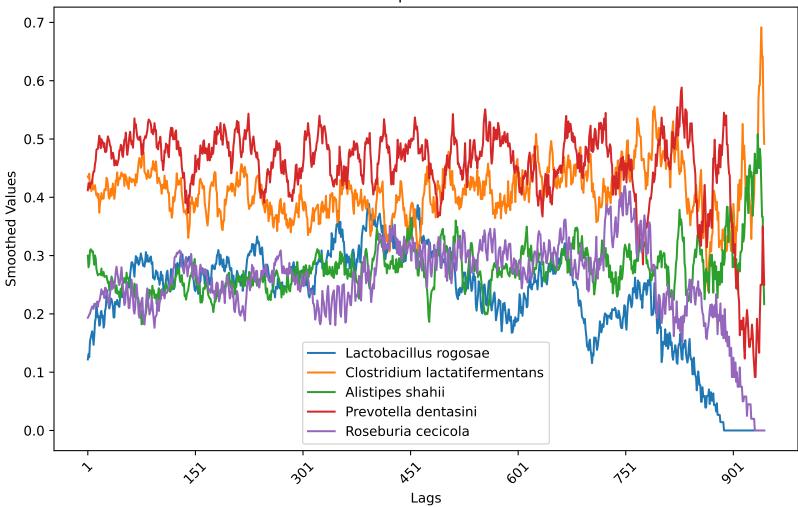
Mouse 4: Species 336 to 340



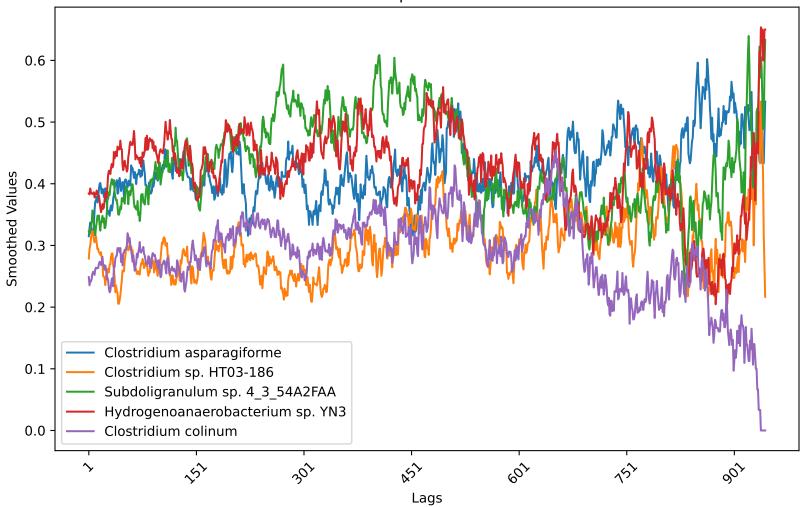
Mouse 4: Species 341 to 345



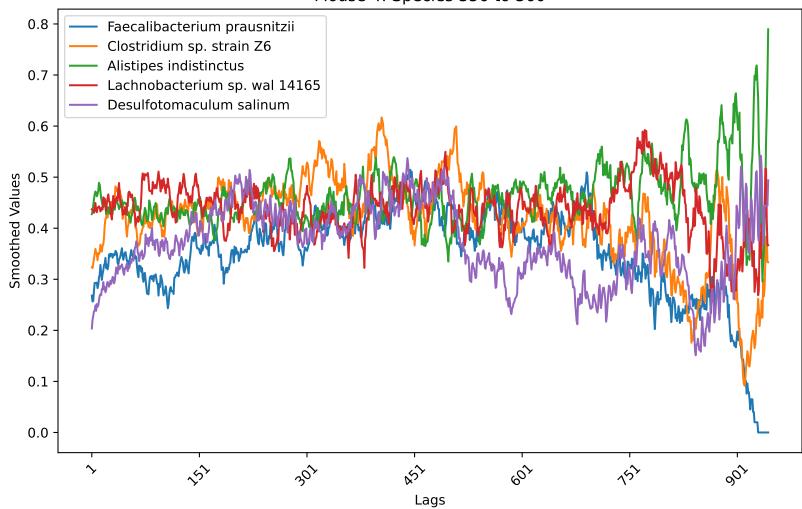
Mouse 4: Species 346 to 350



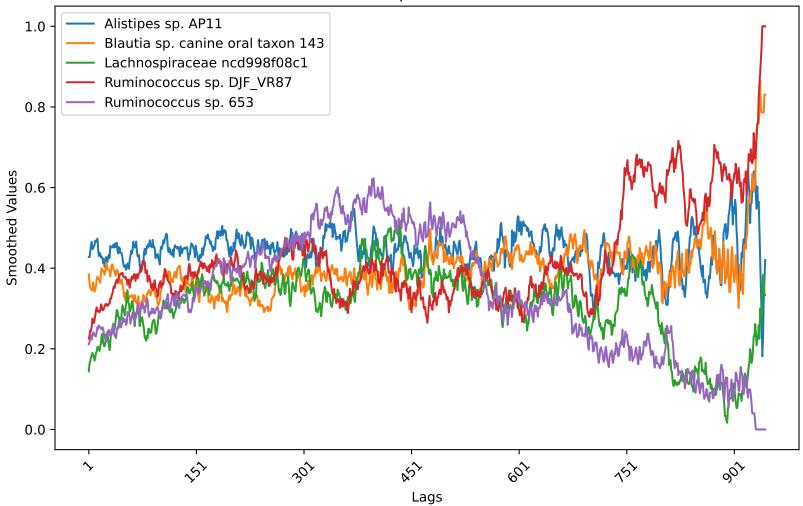
Mouse 4: Species 351 to 355



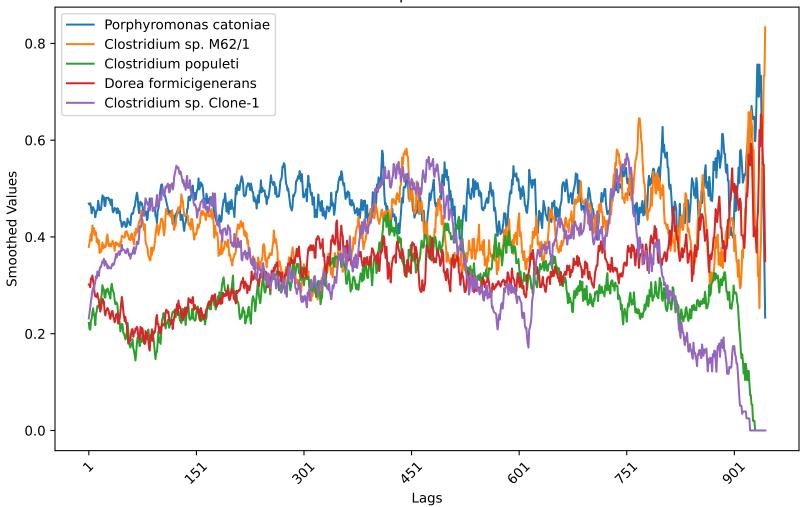
Mouse 4: Species 356 to 360



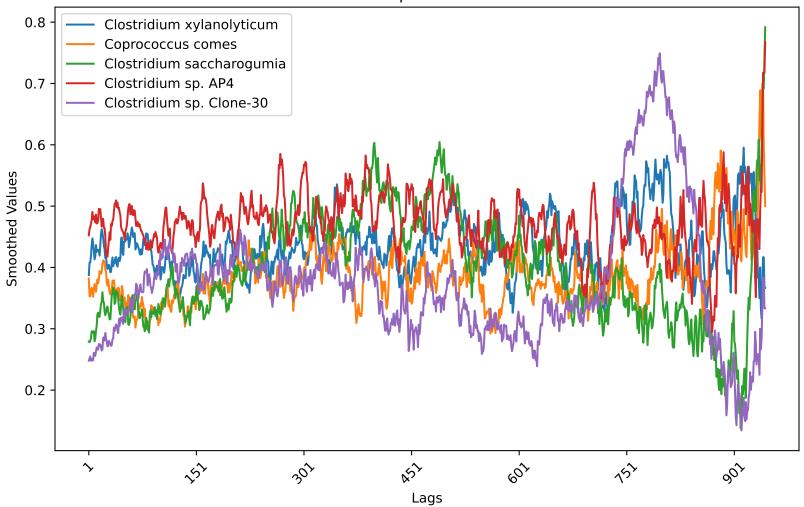
Mouse 4: Species 361 to 365



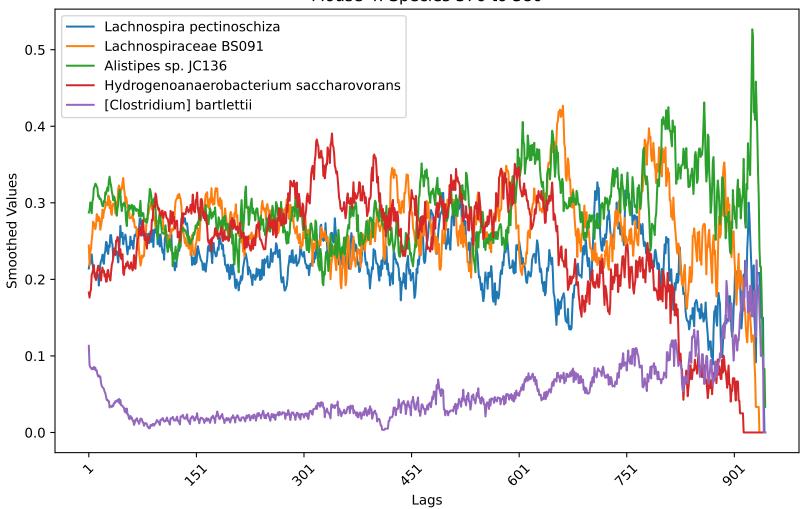
Mouse 4: Species 366 to 370



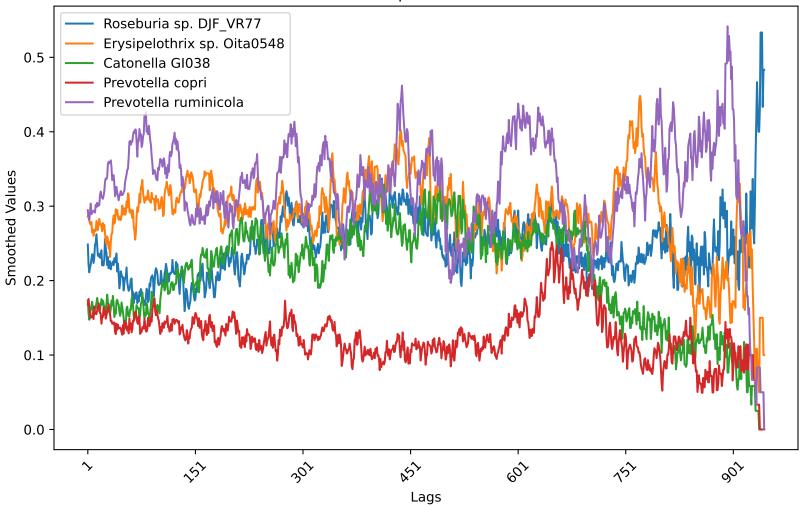
Mouse 4: Species 371 to 375



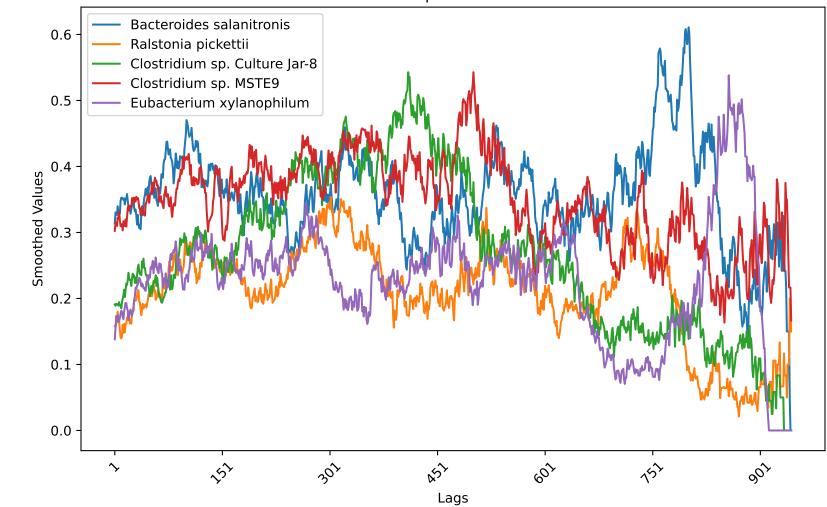
Mouse 4: Species 376 to 380



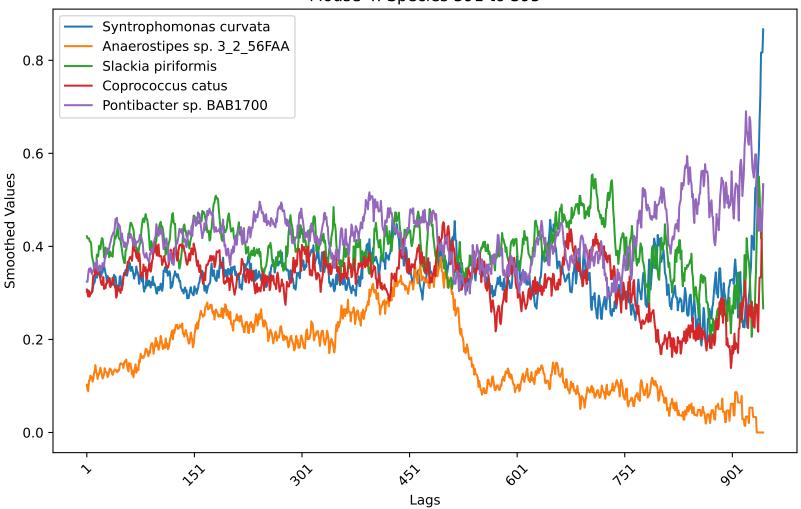
Mouse 4: Species 381 to 385



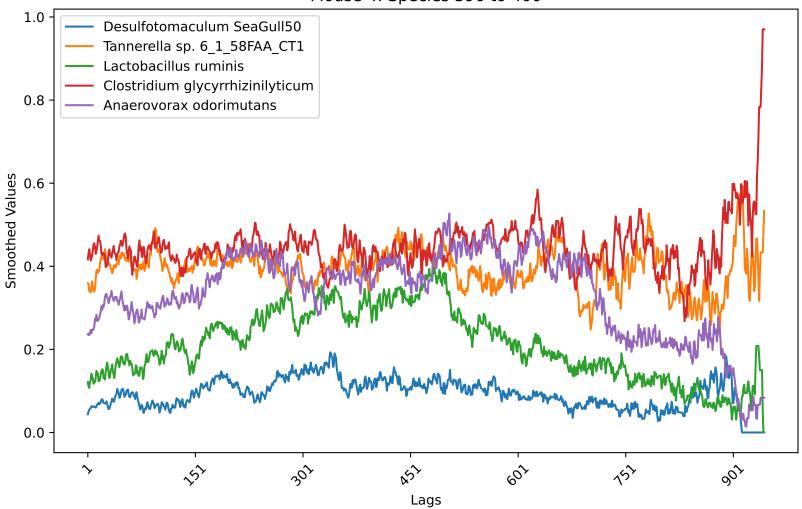
Mouse 4: Species 386 to 390



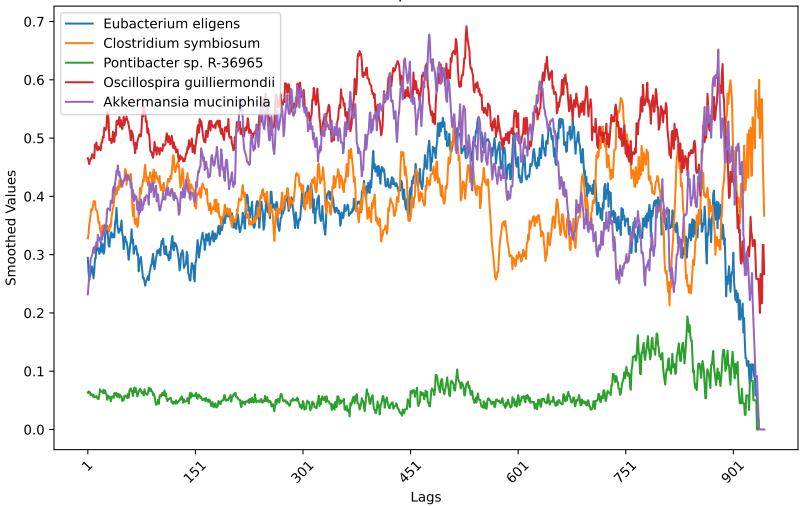
Mouse 4: Species 391 to 395



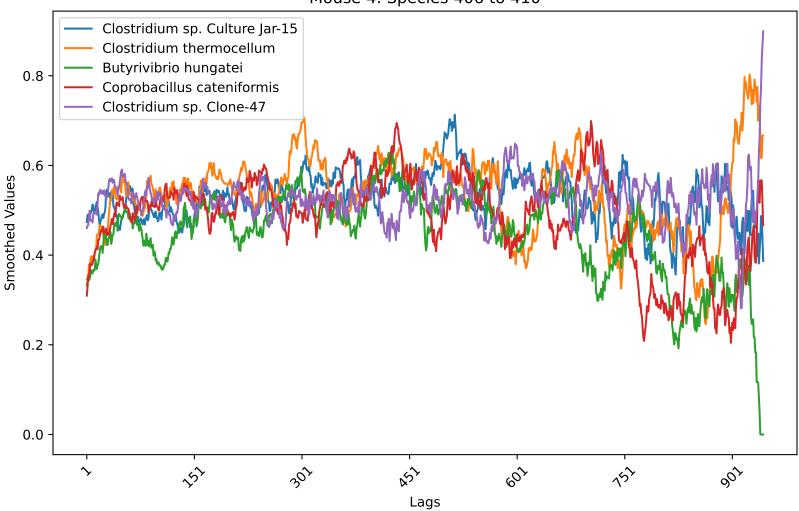
Mouse 4: Species 396 to 400



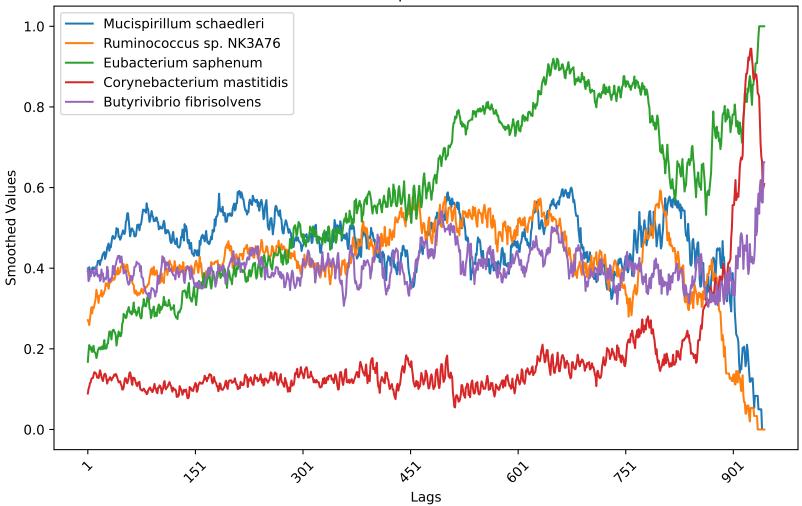
Mouse 4: Species 401 to 405



Mouse 4: Species 406 to 410

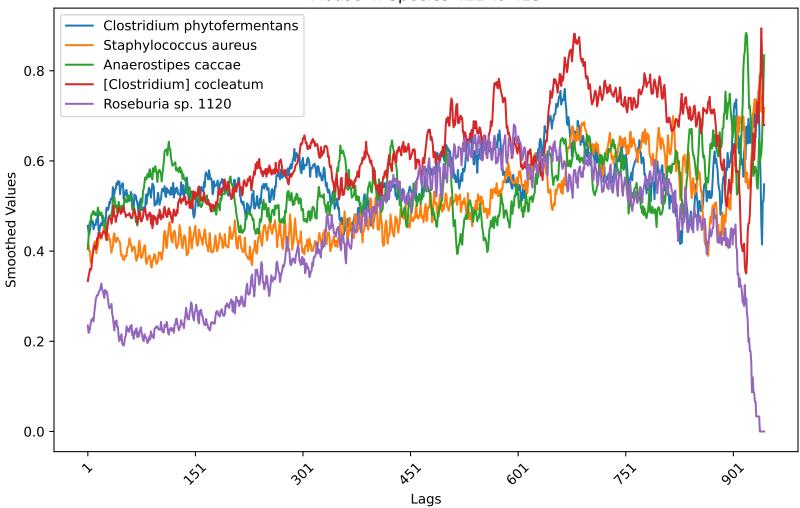


Mouse 4: Species 411 to 415

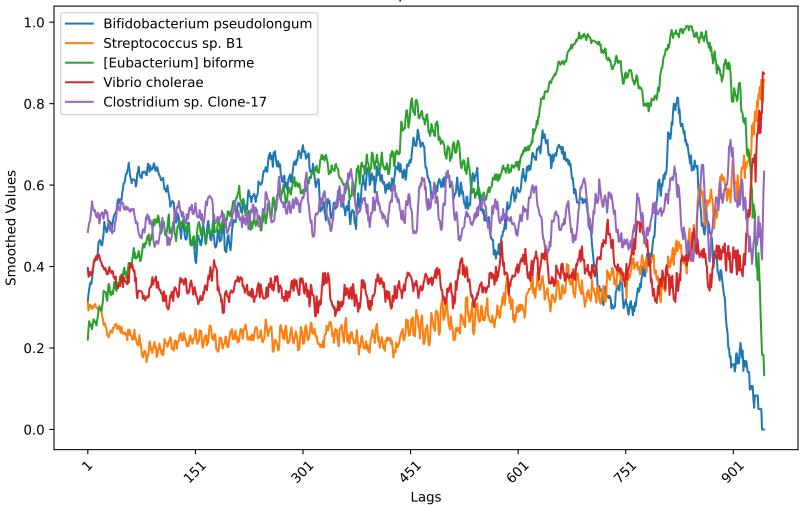


Mouse 4: Species 416 to 420 8.0 0.7 0.6 0.5 0.2 -Desulfosporosinus meridiei Turicibacter sp. LA62 0.1 'Candidatus Bacilloplasma' mollicute Clostridium sp. YIT 12070 0.0 -Anaerostipes hadrus 302 60, 90, Lags

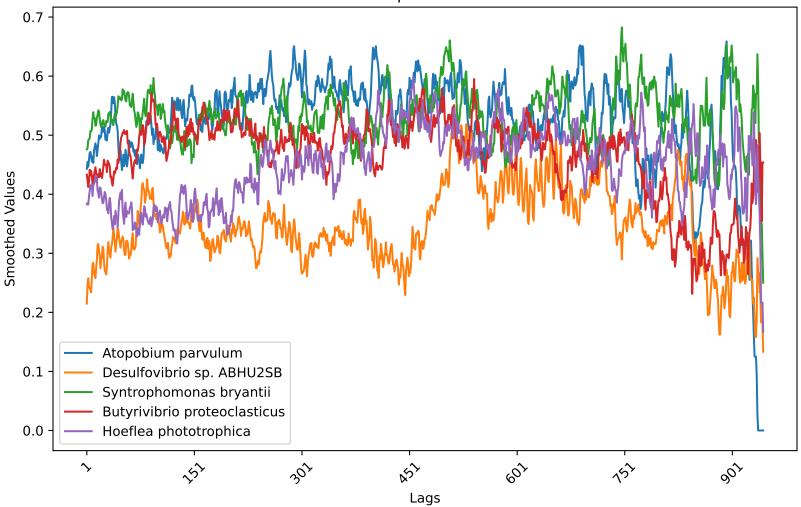
Mouse 4: Species 421 to 425



Mouse 4: Species 426 to 430

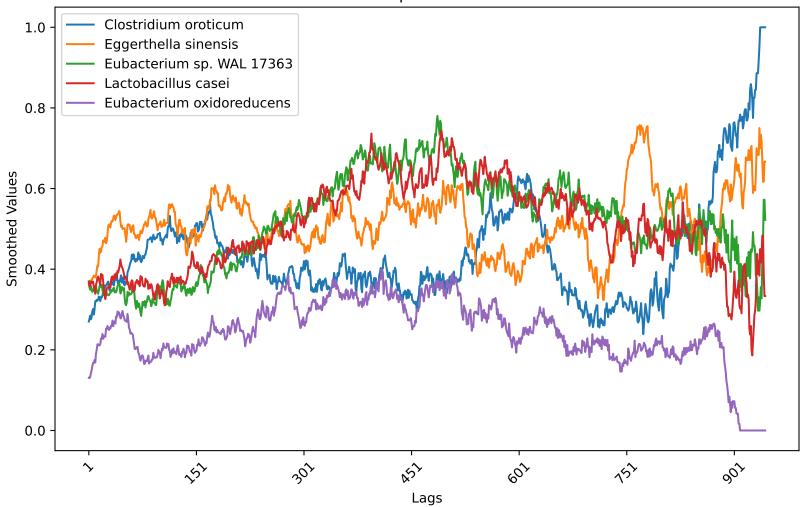


Mouse 4: Species 431 to 435

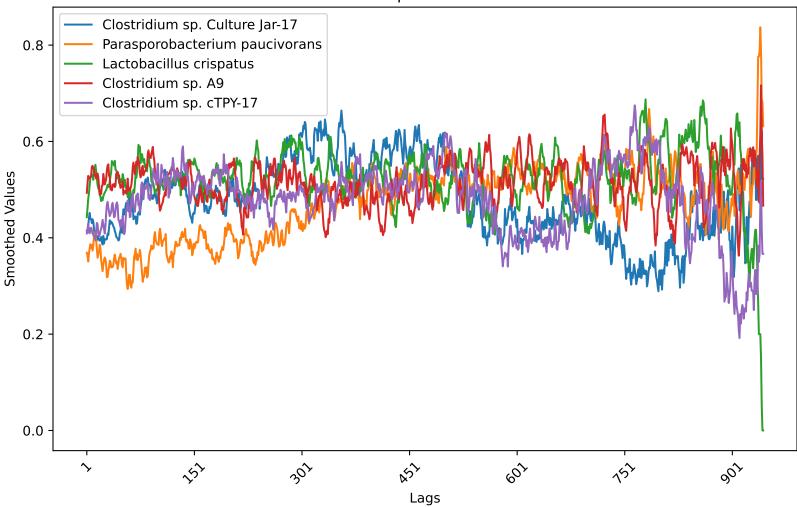


Mouse 4: Species 436 to 440 8.0 Clostridium jejuense Clostridium sp. LAR-3 0.7 Clostridium sp. Clone-45 Dorea sp. AP6 \_actobacillus animalis 0.6 0.5 **Smoothed Values** 0.4 0.3 0.2 0.1 0.0 -302 902 15, 60, Lags

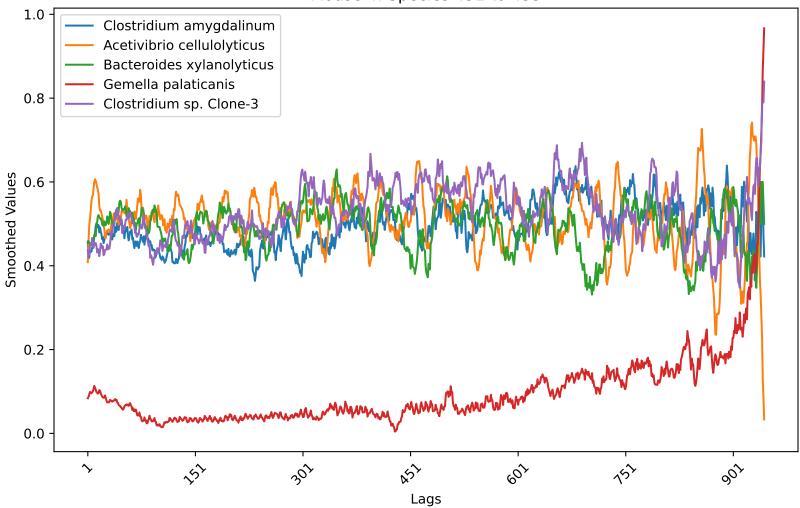
Mouse 4: Species 441 to 445



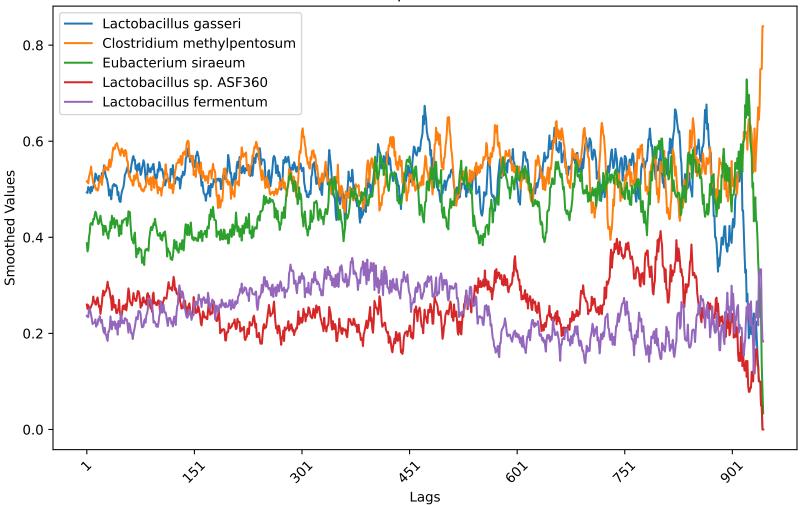
Mouse 4: Species 446 to 450



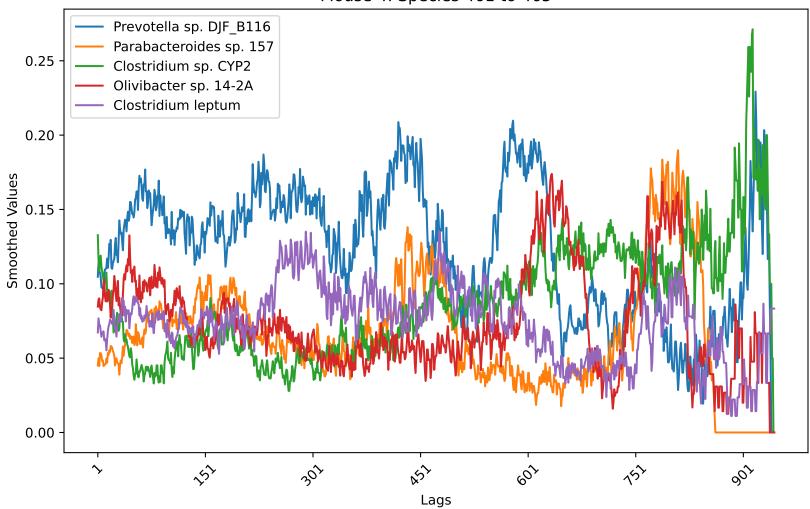
Mouse 4: Species 451 to 455



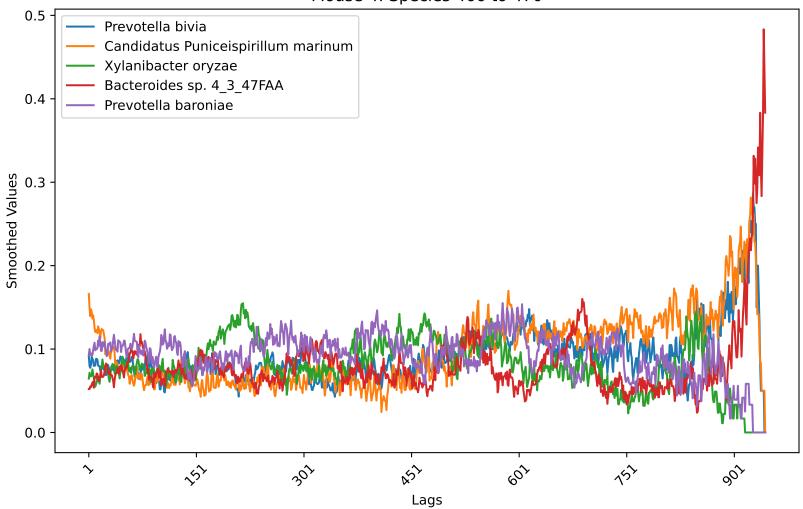
Mouse 4: Species 456 to 460



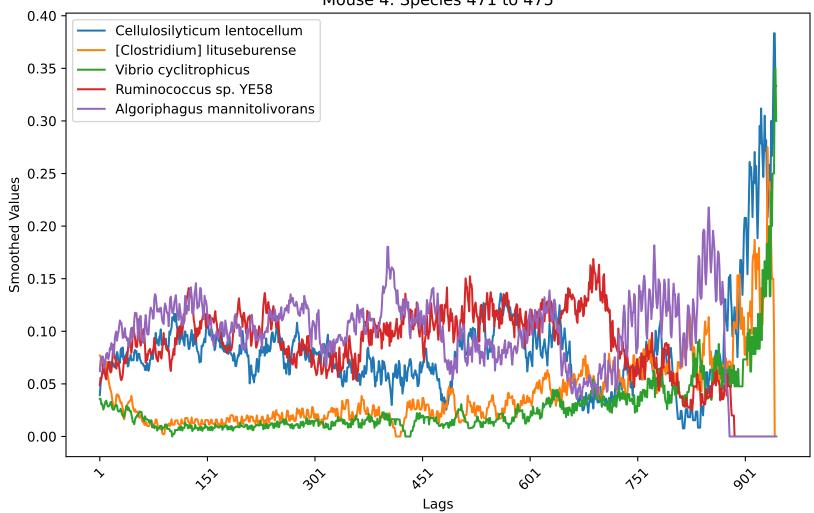
Mouse 4: Species 461 to 465



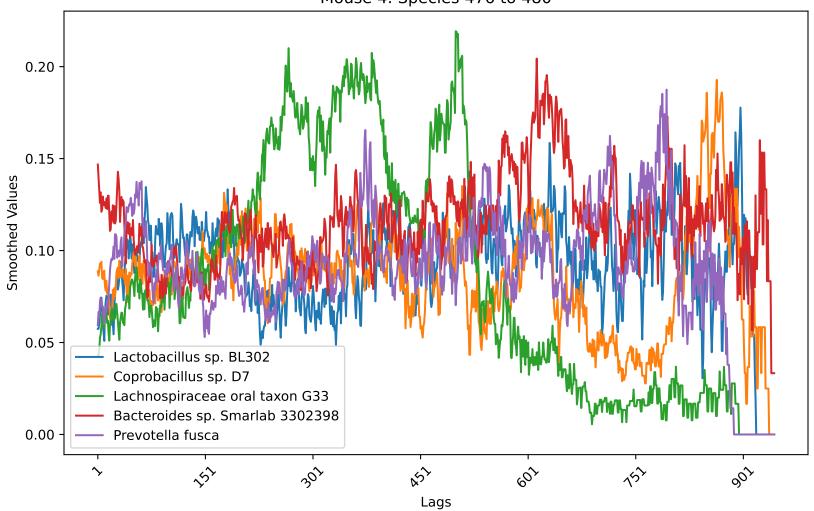
Mouse 4: Species 466 to 470



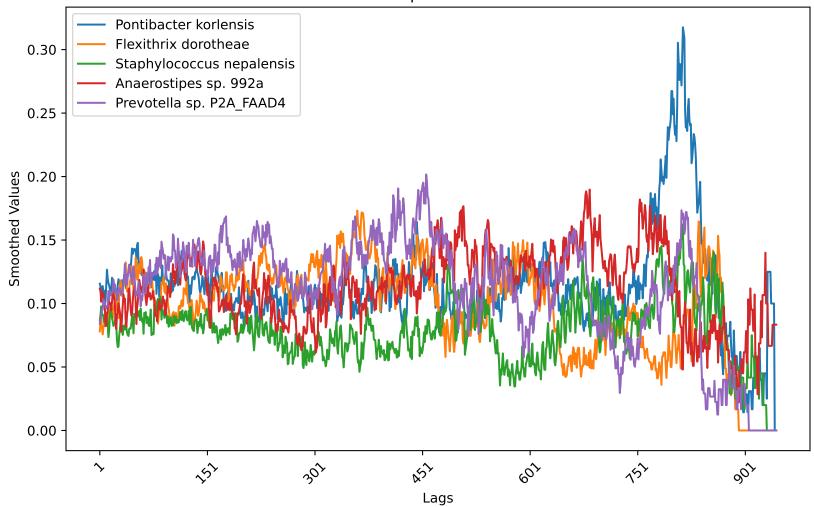
Mouse 4: Species 471 to 475



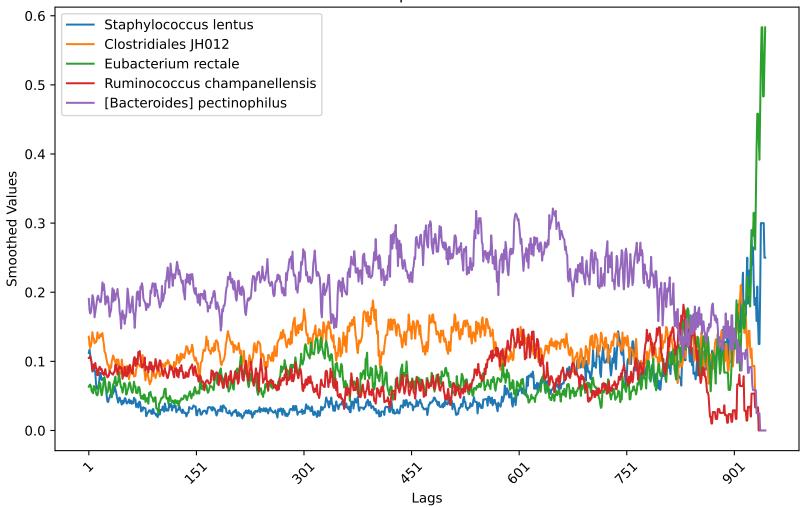
Mouse 4: Species 476 to 480



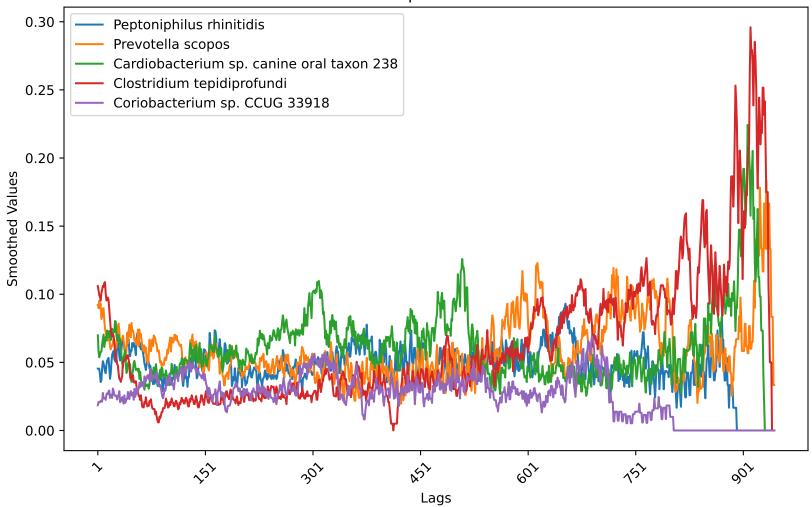
Mouse 4: Species 481 to 485



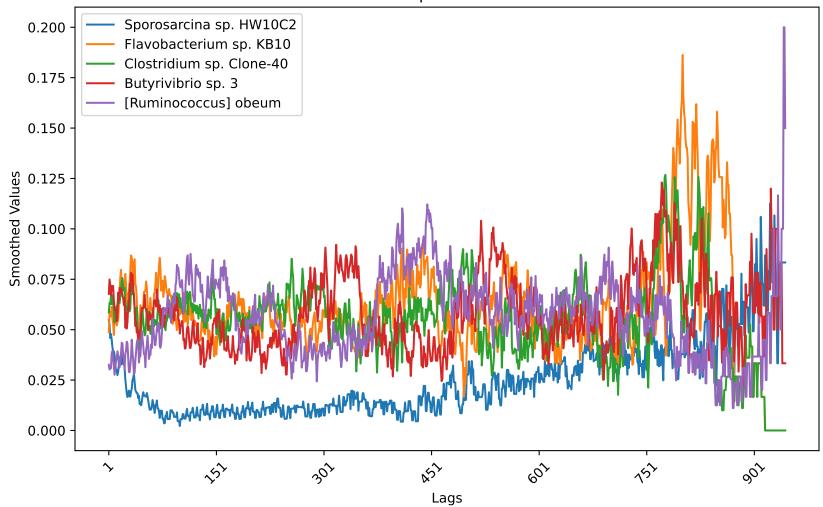
Mouse 4: Species 486 to 490



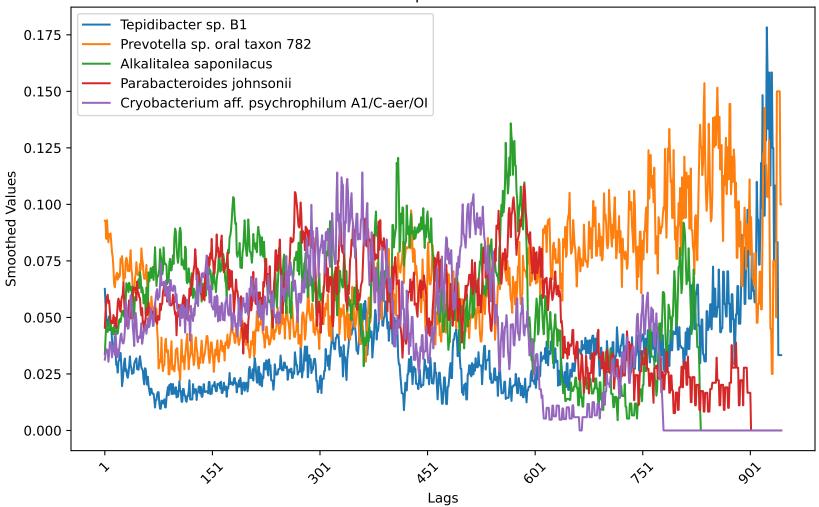
Mouse 4: Species 491 to 495



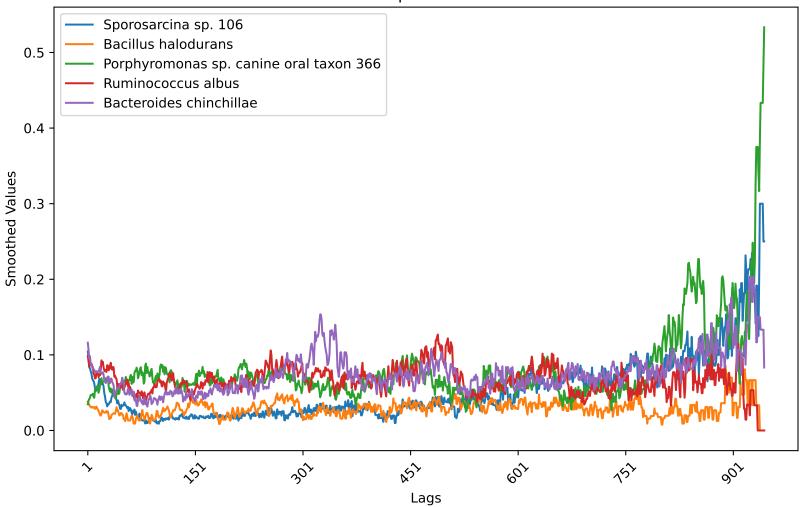
Mouse 4: Species 496 to 500



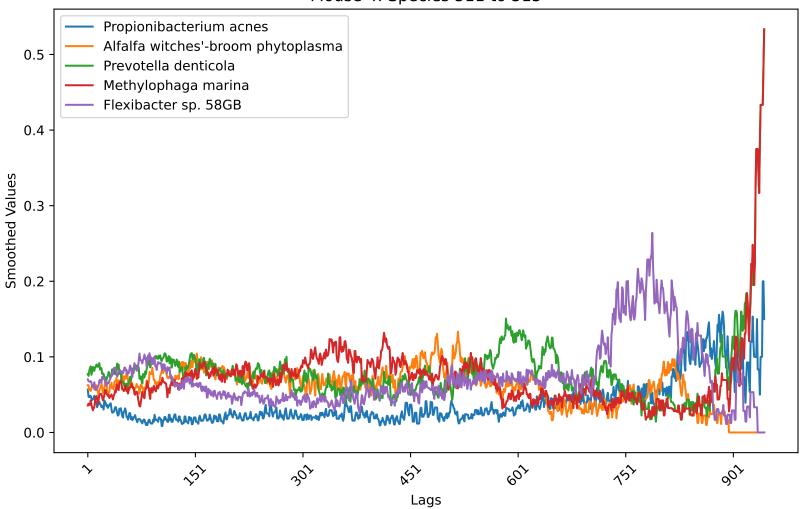
Mouse 4: Species 501 to 505



Mouse 4: Species 506 to 510

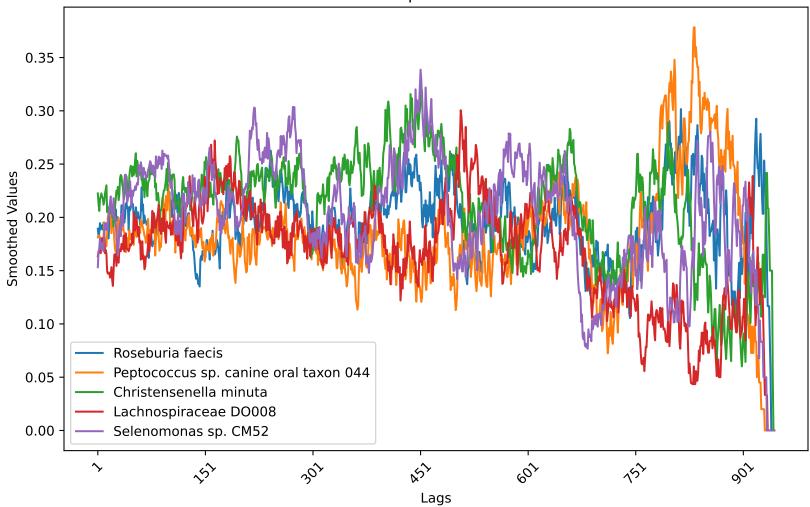


Mouse 4: Species 511 to 515

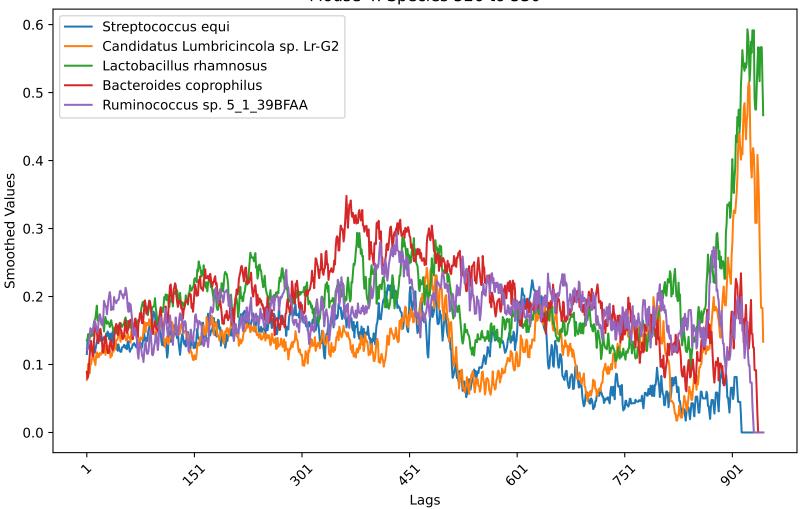


Mouse 4: Species 516 to 520 0.25 Clostridium polysaccharolyticum Sporobacter termitidis Eubacterium fissicatena Megamonas funiformis 0.20 Lactobacillus iners Smoothed Values 0.05 0.00 307 Lags

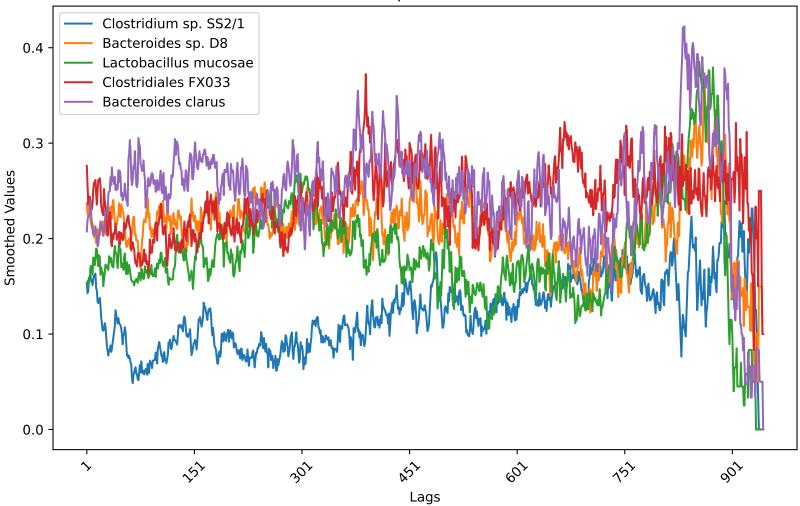
Mouse 4: Species 521 to 525



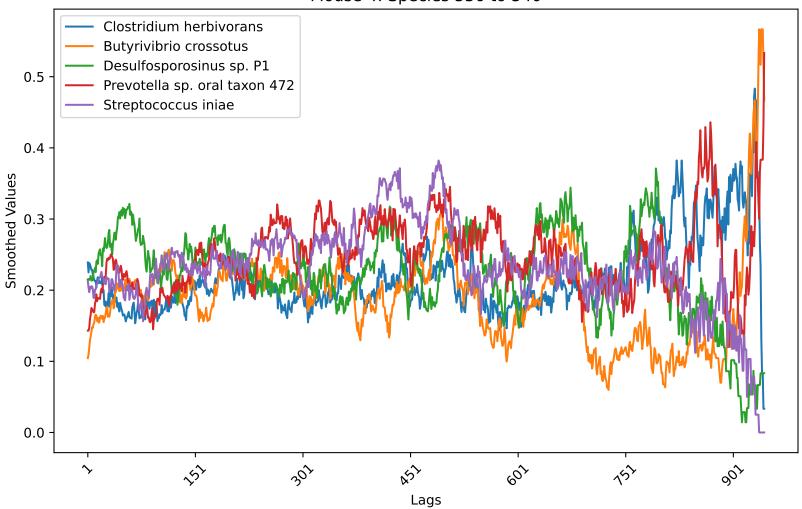
Mouse 4: Species 526 to 530



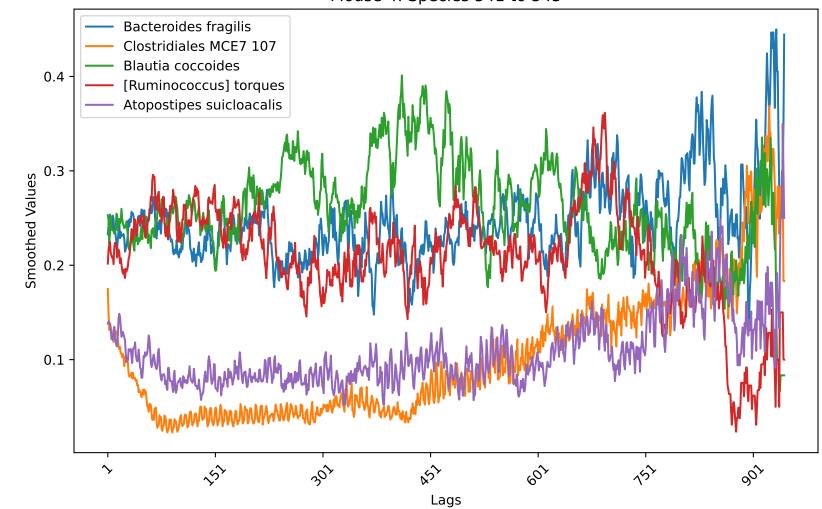
Mouse 4: Species 531 to 535



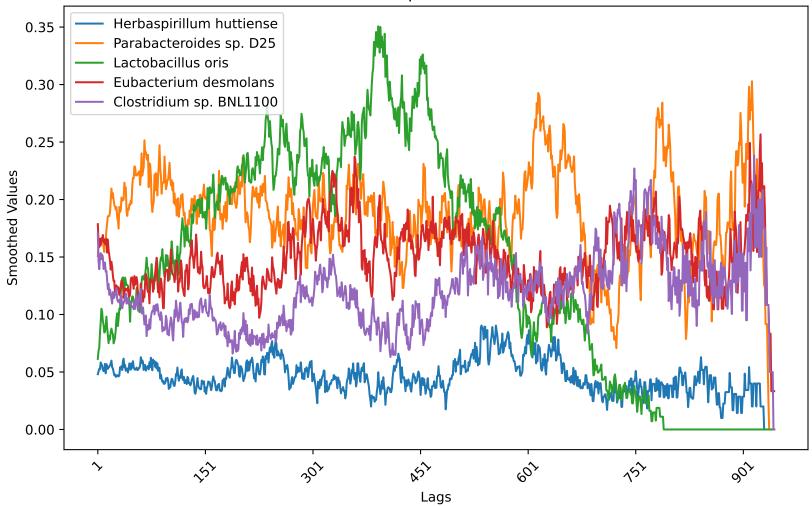
Mouse 4: Species 536 to 540



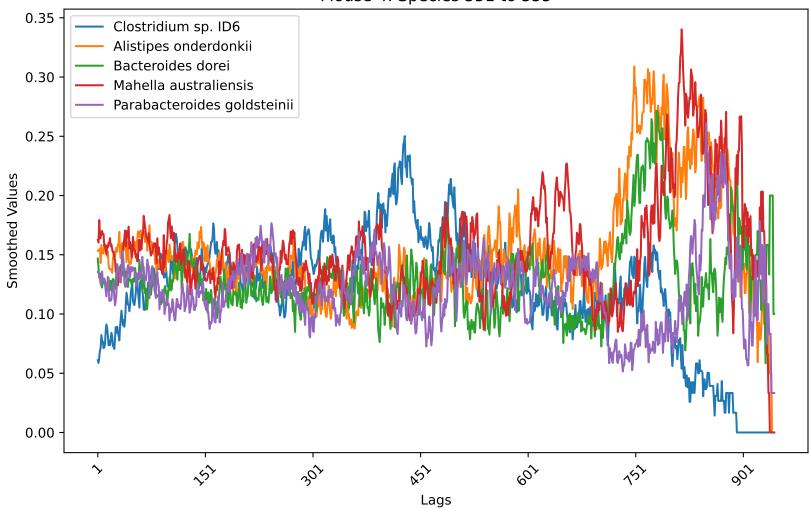
Mouse 4: Species 541 to 545



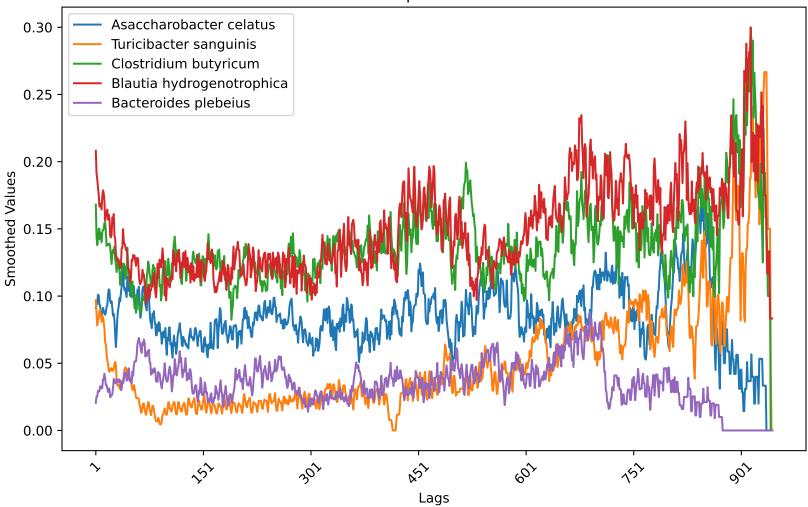
Mouse 4: Species 546 to 550



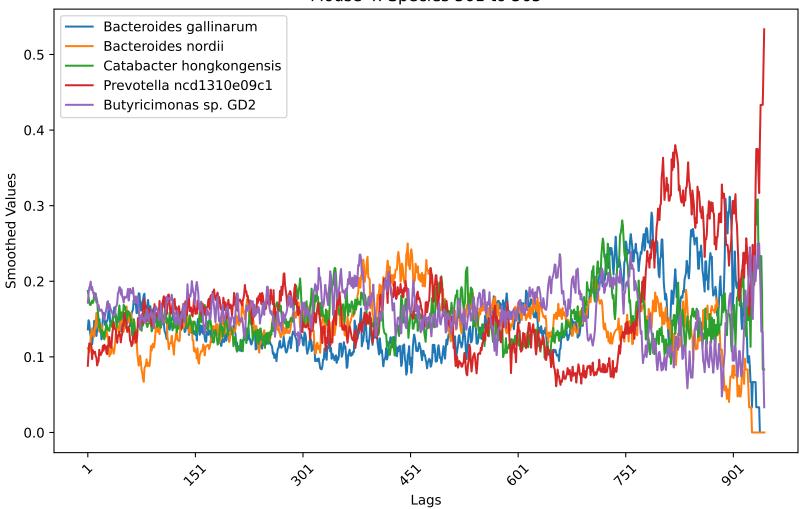
Mouse 4: Species 551 to 555



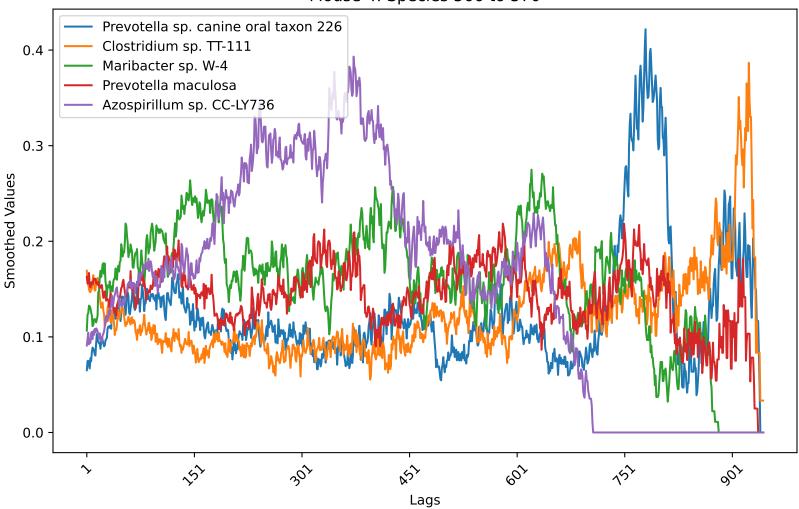
Mouse 4: Species 556 to 560



Mouse 4: Species 561 to 565



Mouse 4: Species 566 to 570



Mouse 4: Species 571 to 574

