| subject | cpm_cat | psychiatric_diagnoses | opioid | n_opioid | Lfc_Lmc | Lfc_Rfc | Lfc_Rmc | Lmc_Rtc | Lmc_Rmc | Rfc_Rmc |
|---------|---------|-----------------------|--------|----------|---------|---------|---------|---------|---------|---------|
| 1       | 2.00    |                       | 2.00   | 2.00     | .679297 | .78206  | .548976 | .761810 | .819433 | .864691 |
| 2       | 1.00    |                       | 2.00   | 2.00     | .537581 | .403188 | .334718 | .312130 | .287628 | .266339 |
| 3       | 2.00    |                       | 2.00   | 2.00     | .728465 | .746816 | .511170 | .601925 | .477118 | .526169 |
| 4       | 1.00    |                       | 2.00   | 2.00     | .745169 | .617113 | .688711 | .705984 | .970521 | .741474 |
| 5       | 1.00    |                       | 2.00   | 2.00     | .596546 | .824981 | .536934 | .576740 | .530685 | .624293 |
| 6       | 1.00    |                       | 2.00   | 2.00     | .577015 | .513591 | .462220 | .546491 | .637490 | .533566 |
| 7       | 1.00    |                       | 2.00   | 2.00     | .555332 | .703584 | .512414 | .500046 | .445460 | .449544 |
| 8       | 2.00    |                       | 2.00   | 1.00     | .836914 | .847282 | .806435 | .676151 | .649847 | .701168 |
| 9       | 1.00    |                       | 2.00   | 2.00     | .603714 | .727585 | .518398 | .564125 | .473563 | .517611 |
| 10      | 2.00    |                       | 2.00   | 2.00     | .577423 | .678094 | .670350 | .495302 | .561129 | .792567 |
| 11      | 1.00    |                       | 1.00   | 2.00     | .224456 | .458652 | .230374 | .203522 | .184366 | .251455 |
| 12      | 2.00    |                       | 2.00   | 1.00     | .754164 | 1.009965 | .590486 | .644501 | .491017 | .622552 |
| 13      | 2.00    |                       | 1.00   | 1.00     | .916237 | .958442 | .691833 | .932100 | .766452 | .716621 |
| 14      | 2.00    |                       | 2.00   | 2.00     | .553416 | .510135 | .538336 | .479978 | .437818 | .335603 |
| 15      | 1.00    |                       | 2.00   | 1.00     | .673689 | .104167 | .419703 | .567604 | .318452 | .373579 |
| 16      | 2.00    |                       | 2.00   | 2.00     | .817950 | .645324 | .704493 | .570734 | .729624 | .614158 |
| 17      | 2.00    |                       | 2.00   | 2.00     | .574866 | .791112 | .467346 | .522764 | .607789 | .484159 |
| 18      | 1.00    |                       | 2.00   | 2.00     | .754504 | .635664 | .513241 | .484433 | .644890 | .394074 |
| 19      | 1.00    |                       | 2.00   | 2.00     | .491249 | .464430 | .493531 | .333086 | .292573 | .582870 |
| 20      | 2.00    |                       | 2.00   | 2.00     | .942994 | .890081 | .532384 | .762032 | .518098 | .507763 |
| 21      | 1.00    |                       | 2.00   | 2.00     | .689263 | .685100 | .595992 | .497682 | .502714 | .913120 |
| 22      | 2.00    |                       | 2.00   | 2.00     | .788981 | .856219 | .605795 | .709508 | .716789 | .609613 |
| 23      | 1.00    |                       | 2.00   | 2.00     | .438943 | .642170 | .309090 | .511205 | .593569 | .332356 |
| 24      | 2.00    |                       | 2.00   | 2.00     | .569370 | .813064 | .612728 | .549618 | .464418 | .691381 |
| 25      | 1.00    |                       | 2.00   | 2.00     | .582612 | .989030 | .591185 | .577868 | .398957 | .624576 |
| 26      | 1.00    |                       | 2.00   | 2.00     | .360867 | .585675 | .398113 | .279458 | .239229 | .342640 |
| 27      | 2.00    |                       | 1.00   | 2.00     | .880007 | .785814 | .614374 | .747435 | .760382 | .549151 |
| 28      | 2.00    |                       | 1.00   | 2.00     | .773730 | .672158 | .582626 | .682500 | .775597 | .604789 |
| 29      | 1.00    |                       | 2.00   | 2.00     | .674565 | .983573 | .540321 | .606208 | .425576 | .539536 |
| 30      | 1.00    |                       | 2.00   | 2.00     | .717296 | .887889 | .795345 | .657075 | .651854 | .782867 |
| 31      | 1.00    |                       | 2.00   | 1.00     | .737898 | .670199 | .619878 | .509326 | .619928 | .704875 |
| 32      | 2.00    |                       | 2.00   | 2.00     | .526411 | .691838 | .504662 | .462971 | .385974 | .504590 |
| 33      | 1.00    |                       | 2.00   | 2.00     | .707827 | .754292 | .585454 | .733586 | .689201 | .769995 |
| 34      | 1.00    |                       | 2.00   | 2.00     | 1.016093 | 1.046646 | .875868 | .929999 | .979919 | .875035 |
| 35      | 1.00    |                       | 2.00   | 1.00     | .431313 | .573025 | .392844 | .355267 | .319837 | .426308 |
| 36      | 1.00    |                       | 1.00   | 1.00     | .798960 | .862867 | .800299 | .711008 | .855850 | .725256 |
| 37      | 1.00    |                       | 2.00   | 2.00     | .490066 | .893159 | .309116 | .386918 | .246300 | .256641 |
| subject | Subject number. |
|---------|----------------|
| cpm_cat | Conditioned Pain Modulation (CPM) test category: |
|         | 1: Responder; |
|         | 2: Non-responder; |
| psychiatric_diagnoses | >1 psychiatric disorder according to the MINI: |
|         | 1: Yes; |
|         | 2: No; |
| opioid | Opioid use per day ≥5 mg by mean morphine-equivalent dose: |
|         | 1: Regular opioid use; |
|         | 2: No use/Minimal opioid use; |
| n_opioid | Number of days of non-opioid analgesic use in the last month ≥ 4 days per week: |
|         | 1: Yes; |
|         | 2: No; |
| Lfc_Lmc | Functional Connectivity Z Values between: |
|         | Left Prefrontal Cortex and Left Motor Cortex; |
| Lfc_Rfc | Functional Connectivity Z Values between: |
|         | Left Prefrontal Cortex and Right Prefrontal Cortex; |
| Lfc_Rmc | Functional Connectivity Z Values between: |
|         | Left Prefrontal Cortex and Right Motor Cortex; |
| Lmc_Rfc | Functional Connectivity Z Values between: |
|         | Left Motor Cortex and Right Prefrontal Cortex; |
| Lmc_Rmc | Functional Connectivity Z Values between: |
|         | Left Motor Cortex and Right Motor Cortex; |
| Rfc_Rmc | Functional Connectivity Z Values between: |
|         | Right Prefrontal Cortex and Right Motor Cortex; |