Supplementary Table 1. Index of available patients for experiments in I-SPY 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Training  Samples | ISPY1\_1003 | ISPY1\_1042 | ISPY1\_1094 | ISPY1\_1137 | ISPY1\_1173 | ISPY1\_1203 |
| ISPY1\_1004 | ISPY1\_1049 | ISPY1\_1096 | ISPY1\_1141 | ISPY1\_1174 | ISPY1\_1204 |
| ISPY1\_1005 | ISPY1\_1051 | ISPY1\_1097 | ISPY1\_1142 | ISPY1\_1175 | ISPY1\_1205 |
| ISPY1\_1007 | ISPY1\_1053 | ISPY1\_1098 | ISPY1\_1144 | ISPY1\_1176 | ISPY1\_1207 |
| ISPY1\_1008 | ISPY1\_1058 | ISPY1\_1099 | ISPY1\_1145 | ISPY1\_1177 | ISPY1\_1209 |
| ISPY1\_1009 | ISPY1\_1060 | ISPY1\_1100 | ISPY1\_1146 | ISPY1\_1179 | ISPY1\_1216 |
| ISPY1\_1010 | ISPY1\_1061 | ISPY1\_1101 | ISPY1\_1147 | ISPY1\_1180 | ISPY1\_1217 |
| ISPY1\_1011 | ISPY1\_1062 | ISPY1\_1102 | ISPY1\_1148 | ISPY1\_1181 | ISPY1\_1220 |
| ISPY1\_1012 | ISPY1\_1064 | ISPY1\_1104 | ISPY1\_1149 | ISPY1\_1182 | ISPY1\_1221 |
| ISPY1\_1013 | ISPY1\_1066 | ISPY1\_1106 | ISPY1\_1150 | ISPY1\_1183 | ISPY1\_1222 |
| ISPY1\_1015 | ISPY1\_1069 | ISPY1\_1107 | ISPY1\_1151 | ISPY1\_1184 | ISPY1\_1223 |
| ISPY1\_1016 | ISPY1\_1070 | ISPY1\_1112 | ISPY1\_1152 | ISPY1\_1185 | ISPY1\_1224 |
| ISPY1\_1017 | ISPY1\_1072 | ISPY1\_1114 | ISPY1\_1156 | ISPY1\_1187 | ISPY1\_1225 |
| ISPY1\_1021 | ISPY1\_1073 | ISPY1\_1117 | ISPY1\_1157 | ISPY1\_1188 | ISPY1\_1226 |
| ISPY1\_1025 | ISPY1\_1074 | ISPY1\_1122 | ISPY1\_1159 | ISPY1\_1189 | ISPY1\_1227 |
| ISPY1\_1029 | ISPY1\_1075 | ISPY1\_1123 | ISPY1\_1160 | ISPY1\_1191 | ISPY1\_1230 |
| ISPY1\_1030 | ISPY1\_1077 | ISPY1\_1124 | ISPY1\_1161 | ISPY1\_1192 | ISPY1\_1231 |
| ISPY1\_1031 | ISPY1\_1078 | ISPY1\_1125 | ISPY1\_1163 | ISPY1\_1193 | ISPY1\_1233 |
| ISPY1\_1032 | ISPY1\_1082 | ISPY1\_1127 | ISPY1\_1164 | ISPY1\_1196 | ISPY1\_1234 |
| ISPY1\_1034 | ISPY1\_1083 | ISPY1\_1129 | ISPY1\_1165 | ISPY1\_1197 | ISPY1\_1235 |
| ISPY1\_1035 | ISPY1\_1084 | ISPY1\_1130 | ISPY1\_1166 | ISPY1\_1198 | ISPY1\_1236 |
| ISPY1\_1036 | ISPY1\_1087 | ISPY1\_1132 | ISPY1\_1168 | ISPY1\_1199 | ISPY1\_1237 |
| ISPY1\_1037 | ISPY1\_1088 | ISPY1\_1134 | ISPY1\_1171 | ISPY1\_1201 | ISPY1\_1238 |
| ISPY1\_1038 | ISPY1\_1089 | ISPY1\_1135 | ISPY1\_1172 | ISPY1\_1202 | ISPY1\_1239 |
| ISPY1\_1041 | ISPY1\_1090 | ISPY1\_1136 |  |  |  |
| Testing Samples | ISPY1\_1002 | ISPY1\_1120 | ISPY1\_1155 | ISPY1\_1208 | ISPY1\_1218 | ISPY1\_1229 |
| ISPY1\_1056 | ISPY1\_1128 | ISPY1\_1158 | ISPY1\_1210 | ISPY1\_1219 |  |
| ISPY1\_1065 | ISPY1\_1140 | ISPY1\_1167 | ISPY1\_1212 | ISPY1\_1228 |  |

Supplementary Table 2. Participant Characteristics: I-SPY1(n=163)

|  |  |
| --- | --- |
| Variable | Frequency (%) |
| Average Age | 48.25±8.88 |
| Race |  |
| Caucasian | 75.6 |
| African American | 19.0 |
| Asian | 4.1 |
| Native Hawaiian/Pacific Islander | 0.5 |
| Multiple race | 0.8 |
| HR Status |  |
| Positive | 59.8 |
| Negative | 40.2 |
| HER 2 Status |  |
| Positive | 31.0 |
| Negative | 69.0 |

Supplementary Table 3. Participant Characteristics: I-SPY2 (n=387)

|  |  |
| --- | --- |
| Variable | Frequency (%) |
| Average Age | 48.25±8.88 |
| Race |  |
| Caucasian | 79.2 |
| African American | 12.0 |
| Asian | 7.4 |
| Native Hawaiian/Pacific Islander | 1.1 |
| Multiple race | 0.3 |
| HR Status |  |
| Positive | 54.5 |
| Negative | 45.5 |
| HER 2 Status |  |
| Positive | 24.7 |
| Negative | 75.3 |

Supplementary Table 4. Radiomics features calculated by using Pyradiomics

|  |  |  |  |
| --- | --- | --- | --- |
| Index | Features | Index | Features |
| 1 | original\_shape\_Elongation | 53 | original\_shape\_Flatness |
| 2 | original\_shape\_LeastAxisLength | 54 | original\_shape\_MajorAxisLength |
| 3 | original\_shape\_Maximum2DDiameterColumn | 55 | original\_shape\_Maximum2DDiameterRow |
| 4 | original\_shape\_Maximum2DDiameterSlice | 56 | original\_shape\_MeshVolume |
| 5 | original\_shape\_Maximum3DDiameter | 57 | original\_shape\_MinorAxisLength |
| 6 | original\_shape\_Sphericity | 58 | original\_shape\_SurfaceArea |
| 7 | original\_firstorder\_10Percentile | 59 | original\_glrlm\_LongRunLowGrayLevelEmphasis |
| 8 | original\_firstorder\_90Percentile | 60 | original\_glrlm\_LowGrayLevelRunEmphasis |
| 9 | original\_firstorder\_Energy | 61 | original\_glrlm\_RunEntropy |
| 10 | original\_firstorder\_Entropy | 62 | original\_glrlm\_RunLengthNonUniformity |
| 11 | original\_firstorder\_InterquartileRange | 63 | original\_glrlm\_RunLengthNonUniformityNormalized |
| 12 | original\_firstorder\_Kurtosis | 64 | original\_glrlm\_RunPercentage |
| 13 | original\_firstorder\_Maximum | 65 | original\_glrlm\_RunVariance |
| 14 | original\_firstorder\_Mean | 66 | original\_glrlm\_ShortRunEmphasis |
| 15 | original\_firstorder\_MeanAbsoluteDeviation | 67 | original\_glrlm\_ShortRunHighGrayLevelEmphasis |
| 16 | original\_firstorder\_Median | 68 | original\_glrlm\_ShortRunLowGrayLevelEmphasis |
| 17 | original\_firstorder\_Minimum | 69 | original\_glszm\_GrayLevelNonUniformity |
| 18 | original\_firstorder\_Range | 70 | original\_glszm\_GrayLevelNonUniformityNormalized |
| 19 | original\_firstorder\_RobustMeanAbsoluteDeviation | 71 | original\_glszm\_GrayLevelVariance |
| 20 | original\_firstorder\_RootMeanSquared | 72 | original\_glszm\_HighGrayLevelZoneEmphasis |
| 21 | original\_firstorder\_Skewness | 73 | original\_glszm\_LargeAreaEmphasis |
| 22 | original\_firstorder\_Uniformity | 74 | original\_glszm\_LargeAreaHighGrayLevelEmphasis |
| 23 | original\_firstorder\_Variance | 75 | original\_glszm\_LargeAreaLowGrayLevelEmphasis |
| 24 | original\_glcm\_Autocorrelation | 76 | original\_glszm\_LowGrayLevelZoneEmphasis |
| 25 | original\_glcm\_JointAverage | 77 | original\_glszm\_SizeZoneNonUniformity |
| 26 | original\_glcm\_ClusterProminence | 78 | original\_glszm\_SizeZoneNonUniformityNormalized |
| 27 | original\_glcm\_ClusterShade | 79 | original\_glszm\_SmallAreaEmphasis |
| 28 | original\_glcm\_ClusterTendency | 80 | original\_glszm\_SmallAreaHighGrayLevelEmphasis |
| 29 | original\_glcm\_Contrast | 81 | original\_glszm\_SmallAreaLowGrayLevelEmphasis |
| 30 | original\_glcm\_Correlation | 82 | original\_glszm\_ZoneEntropy |
| 31 | original\_glcm\_DifferenceAverage | 83 | original\_glszm\_ZonePercentage |
| 32 | original\_glcm\_DifferenceEntropy | 84 | original\_glszm\_ZoneVariance |
| 33 | original\_glcm\_DifferenceVariance | 85 | original\_gldm\_DependenceEntropy |
| 34 | original\_glcm\_JointEnergy | 86 | original\_gldm\_DependenceNonUniformity |
| 35 | original\_glcm\_JointEntropy | 87 | original\_gldm\_DependenceNonUniformityNormalized |
| 36 | original\_glcm\_Imc1 | 88 | original\_gldm\_DependenceVariance |
| 37 | original\_glcm\_Imc2 | 89 | original\_gldm\_GrayLevelNonUniformity |
| 38 | original\_glcm\_Idm | 90 | original\_gldm\_GrayLevelVariance |
| 39 | original\_glcm\_Idmn | 91 | original\_gldm\_HighGrayLevelEmphasis |
| 40 | original\_glcm\_Id | 92 | original\_gldm\_LargeDependenceEmphasis |
| 41 | original\_glcm\_Idn | 93 | original\_gldm\_LargeDependenceHighGrayLevelEmphasis |
| 42 | original\_glcm\_InverseVariance | 94 | original\_gldm\_LargeDependenceLowGrayLevelEmphasis |
| 43 | original\_glcm\_MaximumProbability | 95 | original\_gldm\_LowGrayLevelEmphasis |
| 44 | original\_glcm\_SumEntropy | 96 | original\_gldm\_SmallDependenceEmphasis |
| 45 | original\_glcm\_SumSquares | 97 | original\_gldm\_SmallDependenceHighGrayLevelEmphasis |
| 46 | original\_glrlm\_GrayLevelNonUniformity | 98 | original\_gldm\_SmallDependenceLowGrayLevelEmphasis |
| 47 | original\_glrlm\_GrayLevelNonUniformityNormalized | 99 | original\_ngtdm\_Busyness |
| 48 | original\_glrlm\_GrayLevelVariance | 100 | original\_ngtdm\_Coarseness |
| 49 | original\_glrlm\_HighGrayLevelRunEmphasis | 101 | original\_ngtdm\_Complexity |
| 50 | original\_glrlm\_LongRunEmphasis | 102 | original\_ngtdm\_Contrast |
| 51 | original\_glrlm\_LongRunHighGrayLevelEmphasis | 103 | original\_ngtdm\_Strength |
| 52 | original\_shape\_SurfaceVolumeRatio |  |  |

Supplementary Table 5. Parameters of params.yaml for radiomics extraction

|  |  |
| --- | --- |
| Parameters | Value |
| binWidth | 25 |
| Interpolator | 'sitkBSpline' |
| resampledPixelSpacing | [2, 2, 2] |
| padDistance | 10 |
| resegmentRange | [-3, 3] |
| resegmentMode | sigma |
| voxelArrayShift | 1000 |
| Label | 1 |

Supplementary Table 6. Label for Kinetics-400 Dataset

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Index | Label | Index | Label | Index | Label | Index |  |
| 0 | abseiling | 100 | drinking | 200 | moving furniture | 300 | shredding paper |
| 1 | air drumming | 101 | drinking beer | 201 | mowing lawn | 301 | shuffling cards |
| 2 | answering questions | 102 | drinking shots | 202 | news anchoring | 302 | side kick |
| 3 | applauding | 103 | driving car | 203 | opening bottle | 303 | sign language interpreting |
| 4 | applying cream | 104 | driving tractor | 204 | opening present | 304 | singing |
| 5 | archery | 105 | drop kicking | 205 | paragliding | 305 | situp |
| 6 | arm wrestling | 106 | drumming fingers | 206 | parasailing | 306 | skateboarding |
| 7 | arranging flowers | 107 | dunking basketball | 207 | parkour | 307 | ski jumping |
| 8 | assembling computer | 108 | dying hair | 208 | passing American football (in game) | 308 | skiing (not slalom or crosscountry) |
| 9 | auctioning | 109 | eating burger | 209 | passing American football (not in game) | 309 | skiing crosscountry |
| 10 | baby waking up | 110 | eating cake | 210 | peeling apples | 310 | skiing slalom |
| 11 | baking cookies | 111 | eating carrots | 211 | peeling potatoes | 311 | skipping rope |
| 12 | balloon blowing | 112 | eating chips | 212 | petting animal (not cat) | 312 | skydiving |
| 13 | bandaging | 113 | eating doughnuts | 213 | petting cat | 313 | slacklining |
| 14 | barbequing | 114 | eating hotdog | 214 | picking fruit | 314 | slapping |
| 15 | bartending | 115 | eating ice cream | 215 | planting trees | 315 | sled dog racing |
| 16 | beatboxing | 116 | eating spaghetti | 216 | plastering | 316 | smoking |
| 17 | bee keeping | 117 | eating watermelon | 217 | playing accordion | 317 | smoking hookah |
| 18 | belly dancing | 118 | egg hunting | 218 | playing badminton | 318 | snatch weight lifting |
| 19 | bench pressing | 119 | exercising arm | 219 | playing bagpipes | 319 | sneezing |
| 20 | bending back | 120 | exercising with an exercise ball | 220 | playing basketball | 320 | sniffing |
| 21 | bending metal | 121 | extinguishing fire | 221 | playing bass guitar | 321 | snorkeling |
| 22 | biking through snow | 122 | faceplanting | 222 | playing cards | 322 | snowboarding |
| 23 | blasting sand | 123 | feeding birds | 223 | playing cello | 323 | snowkiting |
| 24 | blowing glass | 124 | feeding fish | 224 | playing chess | 324 | snowmobiling |
| 25 | blowing leaves | 125 | feeding goats | 225 | playing clarinet | 325 | somersaulting |
| 26 | blowing nose | 126 | filling eyebrows | 226 | playing controller | 326 | spinning poi |
| 27 | blowing out candles | 127 | finger snapping | 227 | playing cricket | 327 | spray painting |
| 28 | bobsledding | 128 | fixing hair | 228 | playing cymbals | 328 | spraying |
| 29 | bookbinding | 129 | flipping pancake | 229 | playing didgeridoo | 329 | springboard diving |
| 30 | bouncing on trampoline | 130 | flying kite | 230 | playing drums | 330 | squat |
| 31 | bowling | 131 | folding clothes | 231 | playing flute | 331 | sticking tongue out |
| 32 | braiding hair | 132 | folding napkins | 232 | playing guitar | 332 | stomping grapes |
| 33 | breading or breadcrumbing | 133 | folding paper | 233 | playing harmonica | 333 | stretching arm |
| 34 | breakdancing | 134 | front raises | 234 | playing harp | 334 | stretching leg |
| 35 | brush painting | 135 | frying vegetables | 235 | playing ice hockey | 335 | strumming guitar |
| 36 | brushing hair | 136 | garbage collecting | 236 | playing keyboard | 336 | surfing crowd |
| 37 | brushing teeth | 137 | gargling | 237 | playing kickball | 337 | surfing water |
| 38 | building cabinet | 138 | getting a haircut | 238 | playing monopoly | 338 | sweeping floor |
| 39 | building shed | 139 | getting a tattoo | 239 | playing organ | 339 | swimming backstroke |
| 40 | bungee jumping | 140 | giving or receiving award | 240 | playing paintball | 340 | swimming breast stroke |
| 41 | busking | 141 | golf chipping | 241 | playing piano | 341 | swimming butterfly stroke |
| 42 | canoeing or kayaking | 142 | golf driving | 242 | playing poker | 342 | swing dancing |
| 43 | capoeira | 143 | golf putting | 243 | playing recorder | 343 | swinging legs |
| 44 | carrying baby | 144 | grinding meat | 244 | playing saxophone | 344 | swinging on something |
| 45 | cartwheeling | 145 | grooming dog | 245 | playing squash or racquetball | 345 | sword fighting |
| 46 | carving pumpkin | 146 | grooming horse | 246 | playing tennis | 346 | tai chi |
| 47 | catching fish | 147 | gymnastics tumbling | 247 | playing trombone | 347 | taking a shower |
| 48 | catching or throwing baseball | 148 | hammer throw | 248 | playing trumpet | 348 | tango dancing |
| 49 | catching or throwing frisbee | 149 | headbanging | 249 | playing ukulele | 349 | tap dancing |
| 50 | catching or throwing softball | 150 | headbutting | 250 | playing violin | 350 | tapping guitar |
| 51 | celebrating | 151 | high jump | 251 | playing volleyball | 351 | tapping pen |
| 52 | changing oil | 152 | high kick | 252 | playing xylophone | 352 | tasting beer |
| 53 | changing wheel | 153 | hitting baseball | 253 | pole vault | 353 | tasting food |
| 54 | checking tires | 154 | hockey stop | 254 | presenting weather forecast | 354 | testifying |
| 55 | cheerleading | 155 | holding snake | 255 | pull ups | 355 | texting |
| 56 | chopping wood | 156 | hopscotch | 256 | pumping fist | 356 | throwing axe |
| 57 | clapping | 157 | hoverboarding | 257 | pumping gas | 357 | throwing ball |
| 58 | clay pottery making | 158 | hugging | 258 | punching bag | 358 | throwing discus |
| 59 | clean and jerk | 159 | hula hooping | 259 | punching person (boxing) | 359 | tickling |
| 60 | cleaning floor | 160 | hurdling | 260 | push up | 360 | tobogganing |
| 61 | cleaning gutters | 161 | hurling (sport) | 261 | pushing car | 361 | tossing coin |
| 62 | cleaning pool | 162 | ice climbing | 262 | pushing cart | 362 | tossing salad |
| 63 | cleaning shoes | 163 | ice fishing | 263 | pushing wheelchair | 363 | training dog |
| 64 | cleaning toilet | 164 | ice skating | 264 | reading book | 364 | trapezing |
| 65 | cleaning windows | 165 | ironing | 265 | reading newspaper | 365 | trimming or shaving beard |
| 66 | climbing a rope | 166 | javelin throw | 266 | recording music | 366 | trimming trees |
| 67 | climbing ladder | 167 | jetskiing | 267 | riding a bike | 367 | triple jump |
| 68 | climbing tree | 168 | jogging | 268 | riding camel | 368 | tying bow tie |
| 69 | contact juggling | 169 | juggling balls | 269 | riding elephant | 369 | tying knot (not on a tie) |
| 70 | cooking chicken | 170 | juggling fire | 270 | riding mechanical bull | 370 | tying tie |
| 71 | cooking egg | 171 | juggling soccer ball | 271 | riding mountain bike | 371 | unboxing |
| 72 | cooking on campfire | 172 | jumping into pool | 272 | riding mule | 372 | unloading truck |
| 73 | cooking sausages | 173 | jumpstyle dancing | 273 | riding or walking with horse | 373 | using computer |
| 74 | counting money | 174 | kicking field goal | 274 | riding scooter | 374 | using remote controller (not gaming) |
| 75 | country line dancing | 175 | kicking soccer ball | 275 | riding unicycle | 375 | using segway |
| 76 | cracking neck | 176 | kissing | 276 | ripping paper | 376 | vault |
| 77 | crawling baby | 177 | kitesurfing | 277 | robot dancing | 377 | waiting in line |
| 78 | crossing river | 178 | knitting | 278 | rock climbing | 378 | walking the dog |
| 79 | crying | 179 | krumping | 279 | rock scissors paper | 379 | washing dishes |
| 80 | curling hair | 180 | laughing | 280 | roller skating | 380 | washing feet |
| 81 | cutting nails | 181 | laying bricks | 281 | running on treadmill | 381 | washing hair |
| 82 | cutting pineapple | 182 | long jump | 282 | sailing | 382 | washing hands |
| 83 | cutting watermelon | 183 | lunge | 283 | salsa dancing | 383 | water skiing |
| 84 | dancing ballet | 184 | making a cake | 284 | sanding floor | 384 | water sliding |
| 85 | dancing charleston | 185 | making a sandwich | 285 | scrambling eggs | 385 | watering plants |
| 86 | dancing gangnam style | 186 | making bed | 286 | scuba diving | 386 | waxing back |
| 87 | dancing macarena | 187 | making jewelry | 287 | setting table | 387 | waxing chest |
| 88 | deadlifting | 188 | making pizza | 288 | shaking hands | 388 | waxing eyebrows |
| 89 | decorating the christmas tree | 189 | making snowman | 289 | shaking head | 389 | waxing legs |
| 90 | digging | 190 | making sushi | 290 | sharpening knives | 390 | weaving basket |
| 91 | dining | 191 | making tea | 291 | sharpening pencil | 391 | welding |
| 92 | disc golfing | 192 | marching | 292 | shaving head | 392 | whistling |
| 93 | diving cliff | 193 | massaging back | 293 | shaving legs | 393 | windsurfing |
| 94 | dodgeball | 194 | massaging feet | 294 | shearing sheep | 394 | wrapping present |
| 95 | doing aerobics | 195 | massaging legs | 295 | shining shoes | 395 | wrestling |
| 96 | doing laundry | 196 | massaging person's head | 296 | shooting basketball | 396 | writing |
| 97 | doing nails | 197 | milking cow | 297 | shooting goal (soccer) | 397 | yawning |
| 98 | drawing | 198 | mopping floor | 298 | shot put | 398 | yoga |
| 99 | dribbling basketball | 199 | motorcycling | 299 | shoveling snow | 399 | zumba |

Supplementary Table 7. Index of available patients for experiments in I-SPY 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ISPY2-100899 | ISPY2-223030 | ISPY2-360937 | ISPY2-497010 | ISPY2-628692 | ISPY2-815421 |
| ISPY2-102011 | ISPY2-223526 | ISPY2-362993 | ISPY2-500826 | ISPY2-629210 | ISPY2-819622 |
| ISPY2-103693 | ISPY2-225836 | ISPY2-366120 | ISPY2-503034 | ISPY2-632408 | ISPY2-824234 |
| ISPY2-104384 | ISPY2-227832 | ISPY2-367682 | ISPY2-515105 | ISPY2-635862 | ISPY2-828199 |
| ISPY2-109874 | ISPY2-227881 | ISPY2-369040 | ISPY2-515281 | ISPY2-637051 | ISPY2-830486 |
| ISPY2-109980 | ISPY2-228192 | ISPY2-371528 | ISPY2-517446 | ISPY2-640463 | ISPY2-830958 |
| ISPY2-111004 | ISPY2-228340 | ISPY2-373672 | ISPY2-518000 | ISPY2-640927 | ISPY2-832056 |
| ISPY2-111646 | ISPY2-233832 | ISPY2-375455 | ISPY2-518576 | ISPY2-644609 | ISPY2-833536 |
| ISPY2-111881 | ISPY2-234272 | ISPY2-378401 | ISPY2-519738 | ISPY2-646233 | ISPY2-845079 |
| ISPY2-114087 | ISPY2-235995 | ISPY2-380239 | ISPY2-521860 | ISPY2-651401 | ISPY2-845147 |
| ISPY2-116165 | ISPY2-238790 | ISPY2-380769 | ISPY2-527320 | ISPY2-654956 | ISPY2-847272 |
| ISPY2-117424 | ISPY2-239061 | ISPY2-380972 | ISPY2-528479 | ISPY2-658541 | ISPY2-847753 |
| ISPY2-122579 | ISPY2-240432 | ISPY2-391942 | ISPY2-528833 | ISPY2-660534 | ISPY2-851180 |
| ISPY2-125130 | ISPY2-243836 | ISPY2-395076 | ISPY2-532183 | ISPY2-660915 | ISPY2-851223 |
| ISPY2-125418 | ISPY2-245655 | ISPY2-395249 | ISPY2-535415 | ISPY2-663197 | ISPY2-857165 |
| ISPY2-127675 | ISPY2-246134 | ISPY2-395379 | ISPY2-535569 | ISPY2-664658 | ISPY2-872188 |
| ISPY2-127791 | ISPY2-247641 | ISPY2-402265 | ISPY2-535779 | ISPY2-666450 | ISPY2-836114 |
| ISPY2-128051 | ISPY2-248255 | ISPY2-411684 | ISPY2-536253 | ISPY2-666715 | ISPY2-884266 |
| ISPY2-128675 | ISPY2-250274 | ISPY2-414256 | ISPY2-539291 | ISPY2-672734 | ISPY2-885590 |
| ISPY2-129837 | ISPY2-255535 | ISPY2-414286 | ISPY2-539876 | ISPY2-674897 | ISPY2-885871 |
| ISPY2-130892 | ISPY2-255577 | ISPY2-417654 | ISPY2-539904 | ISPY2-676048 | ISPY2-889049 |
| ISPY2-131595 | ISPY2-257735 | ISPY2-419590 | ISPY2-541165 | ISPY2-677915 | ISPY2-889721 |
| ISPY2-134526 | ISPY2-259206 | ISPY2-421829 | ISPY2-550157 | ISPY2-679787 | ISPY2-890414 |
| ISPY2-138425 | ISPY2-261304 | ISPY2-423619 | ISPY2-550421 | ISPY2-683173 | ISPY2-891645 |
| ISPY2-139137 | ISPY2-266509 | ISPY2-423979 | ISPY2-552549 | ISPY2-683374 | ISPY2-892390 |
| ISPY2-142688 | ISPY2-267306 | ISPY2-424541 | ISPY2-553012 | ISPY2-685753 | ISPY2-893874 |
| ISPY2-146033 | ISPY2-268937 | ISPY2-425173 | ISPY2-553141 | ISPY2-687733 | ISPY2-894128 |
| ISPY2-147139 | ISPY2-273691 | ISPY2-426106 | ISPY2-554577 | ISPY2-689188 | ISPY2-894491 |
| ISPY2-149654 | ISPY2-273745 | ISPY2-427321 | ISPY2-563856 | ISPY2-690410 | ISPY2-898618 |
| ISPY2-151230 | ISPY2-277848 | ISPY2-431061 | ISPY2-566011 | ISPY2-692885 | ISPY2-903880 |
| ISPY2-152197 | ISPY2-282644 | ISPY2-436371 | ISPY2-567201 | ISPY2-697098 | ISPY2-904269 |
| ISPY2-153327 | ISPY2-282777 | ISPY2-437162 | ISPY2-568331 | ISPY2-697871 | ISPY2-905264 |
| ISPY2-153880 | ISPY2-284355 | ISPY2-437968 | ISPY2-568953 | ISPY2-703455 | ISPY2-906042 |
| ISPY2-154293 | ISPY2-286984 | ISPY2-439489 | ISPY2-570148 | ISPY2-705381 | ISPY2-910706 |
| ISPY2-155171 | ISPY2-287300 | ISPY2-442669 | ISPY2-570380 | ISPY2-706418 | ISPY2-912836 |
| ISPY2-157463 | ISPY2-289107 | ISPY2-443708 | ISPY2-570685 | ISPY2-708387 | ISPY2-913225 |
| ISPY2-159284 | ISPY2-291515 | ISPY2-446263 | ISPY2-571276 | ISPY2-709559 | ISPY2-914968 |
| ISPY2-160120 | ISPY2-294176 | ISPY2-453596 | ISPY2-572235 | ISPY2-714205 | ISPY2-916645 |
| ISPY2-164468 | ISPY2-299840 | ISPY2-455828 | ISPY2-572793 | ISPY2-725455 | ISPY2-917762 |
| ISPY2-166412 | ISPY2-300724 | ISPY2-456506 | ISPY2-574091 | ISPY2-726940 | ISPY2-920479 |
| ISPY2-166782 | ISPY2-301289 | ISPY2-458196 | ISPY2-575457 | ISPY2-727255 | ISPY2-924895 |
| ISPY2-167271 | ISPY2-303685 | ISPY2-459311 | ISPY2-579881 | ISPY2-735673 | ISPY2-930903 |
| ISPY2-168044 | ISPY2-306127 | ISPY2-460776 | ISPY2-586091 | ISPY2-741535 | ISPY2-932200 |
| ISPY2-172283 | ISPY2-307659 | ISPY2-460812 | ISPY2-586207 | ISPY2-746265 | ISPY2-934906 |
| ISPY2-177795 | ISPY2-309830 | ISPY2-461824 | ISPY2-587388 | ISPY2-746731 | ISPY2-941191 |
| ISPY2-178815 | ISPY2-311316 | ISPY2-472799 | ISPY2-589502 | ISPY2-756412 | ISPY2-941926 |
| ISPY2-180027 | ISPY2-311455 | ISPY2-473505 | ISPY2-590220 | ISPY2-759015 | ISPY2-944419 |
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