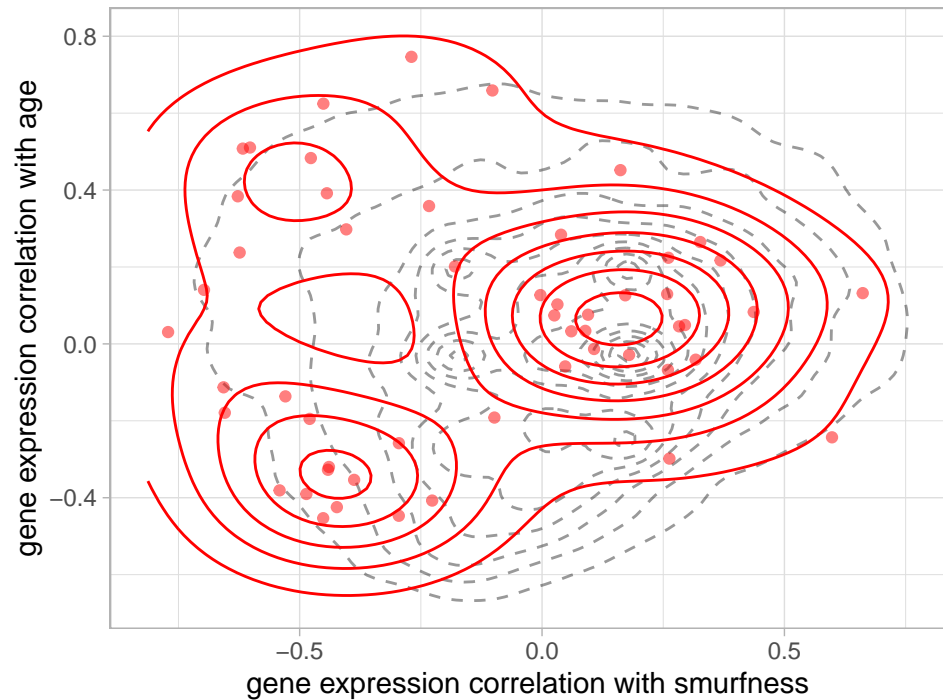
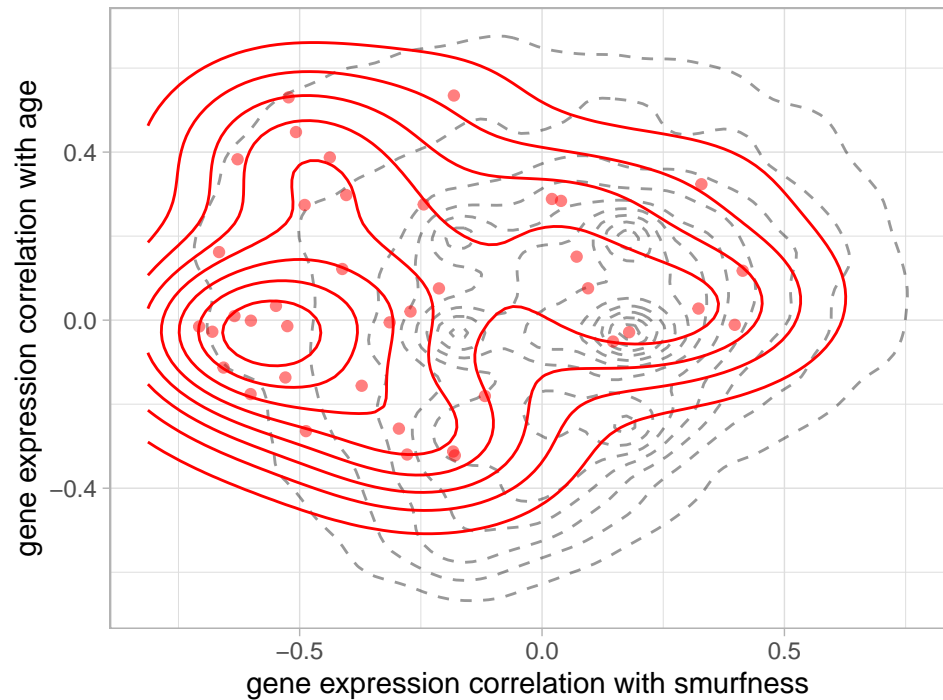


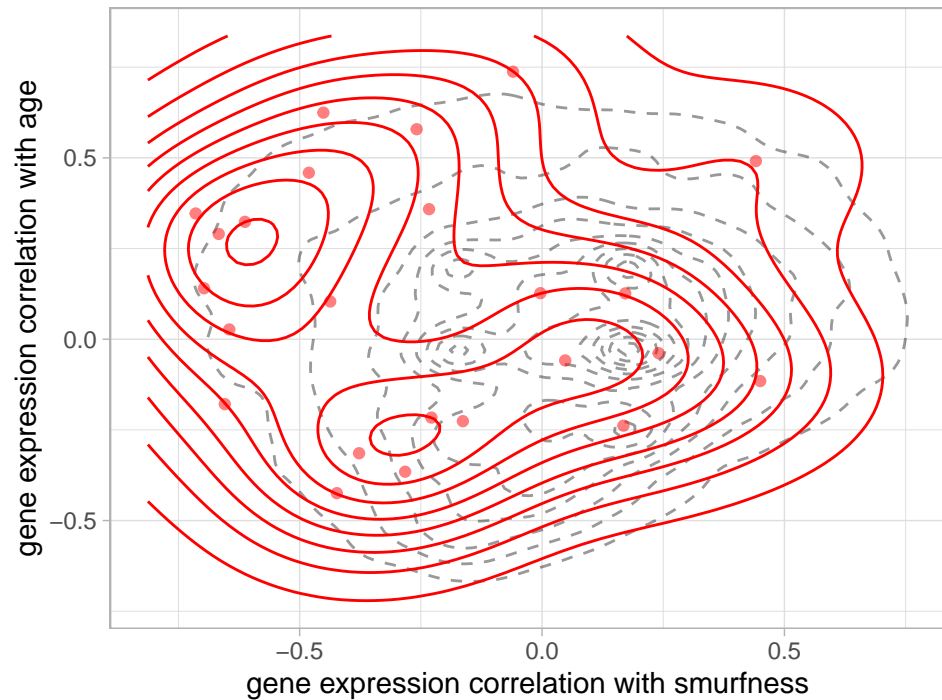
dme00010 Glycolysis / Gluconeogenesis



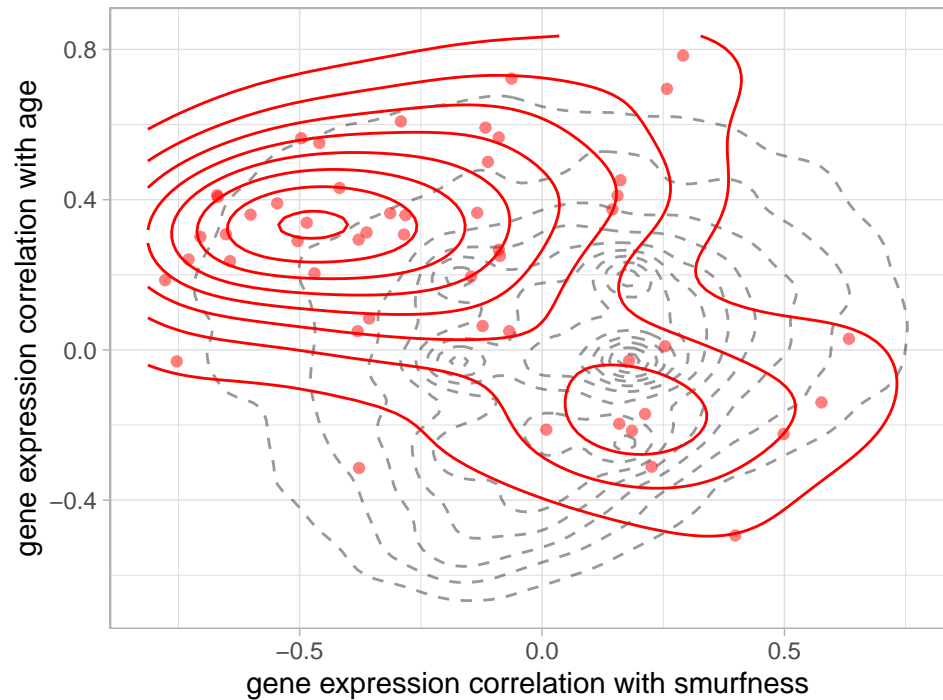
dme00020 Citrate cycle (TCA cycle)



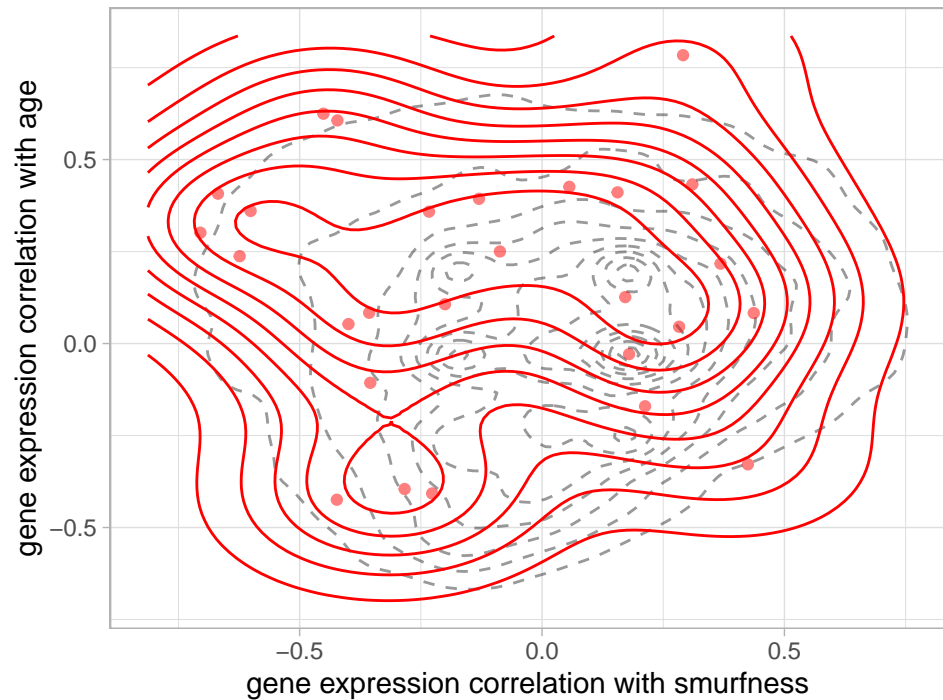
dme00030 Pentose phosphate pathway



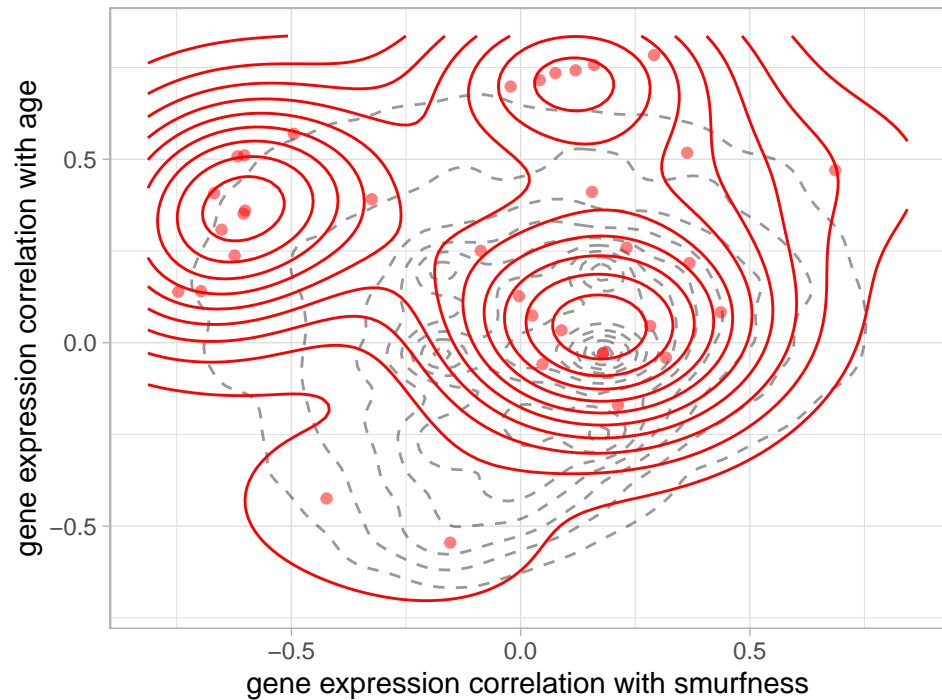
dme00040 Pentose and glucuronate interconversions



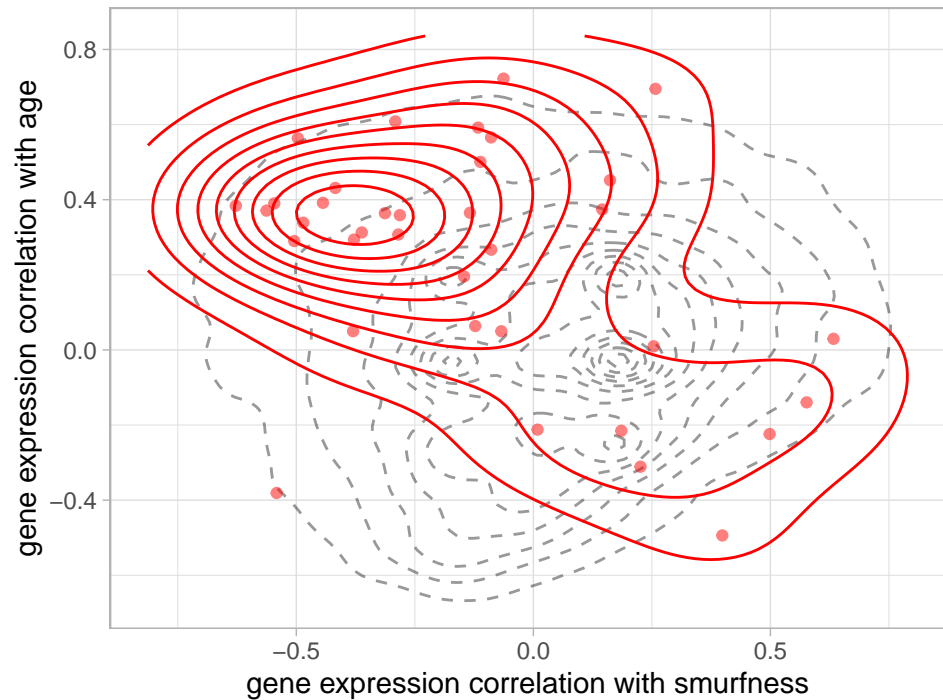
dme00051 Fructose and mannose metabolism



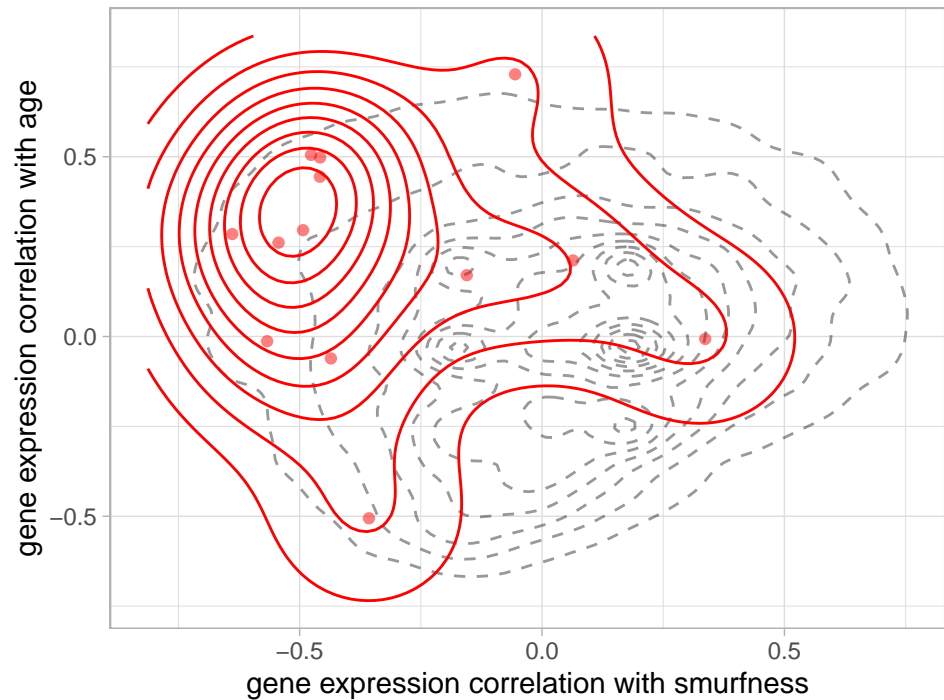
dme00052 Galactose metabolism



dme00053 Ascorbate and aldarate metabolism



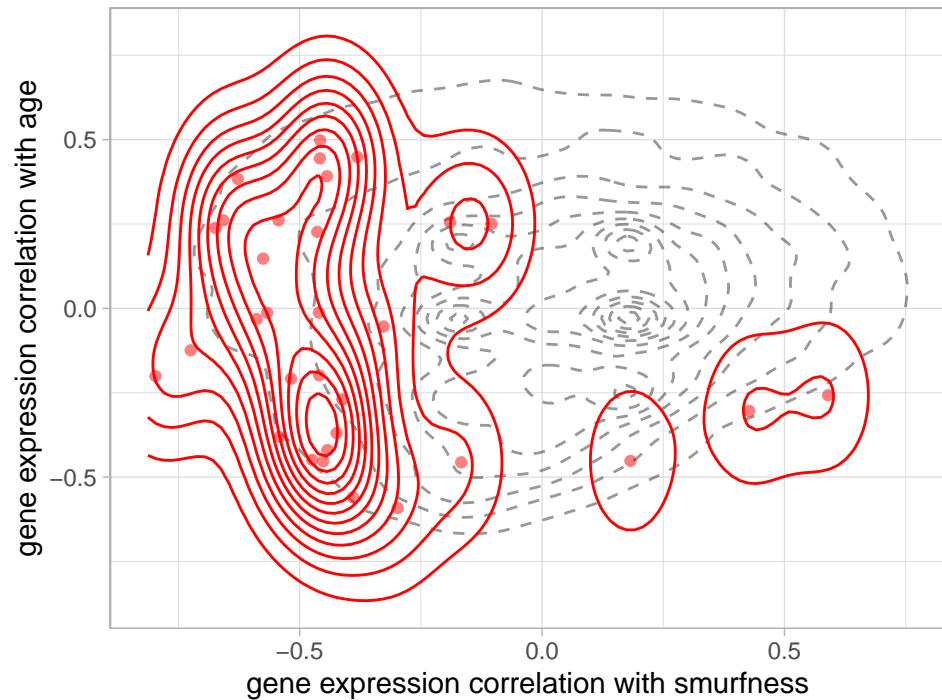
dme00061 Fatty acid biosynthesis



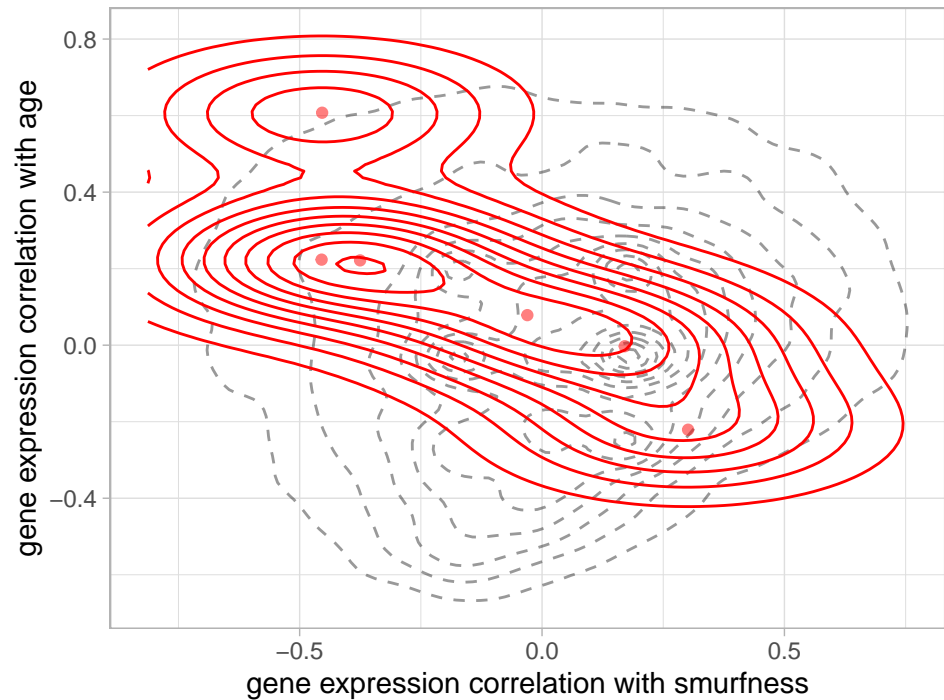
dme00062 Fatty acid elongation



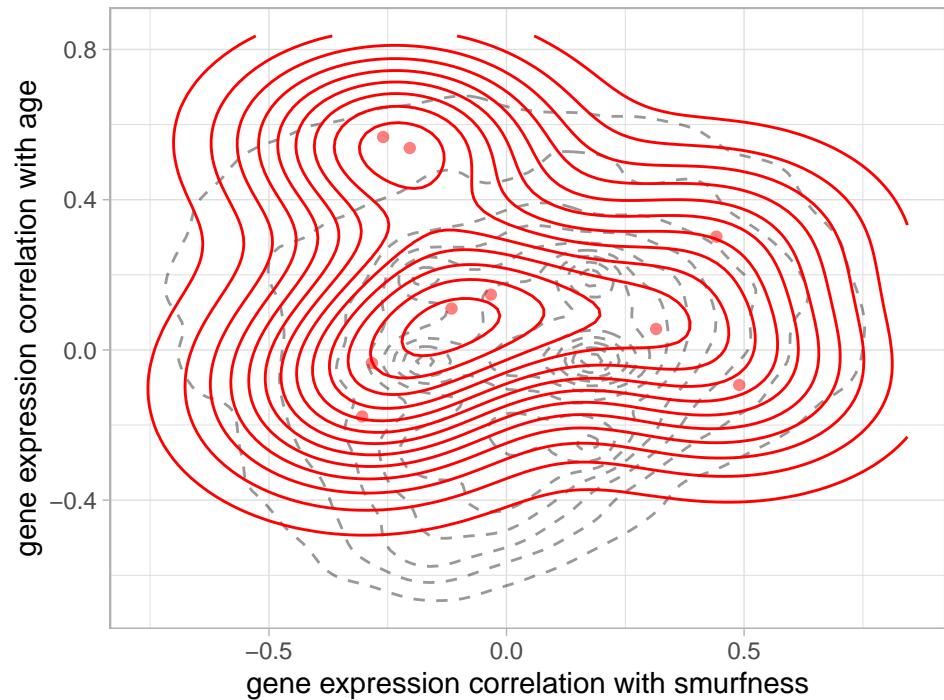
dme00071 Fatty acid degradation



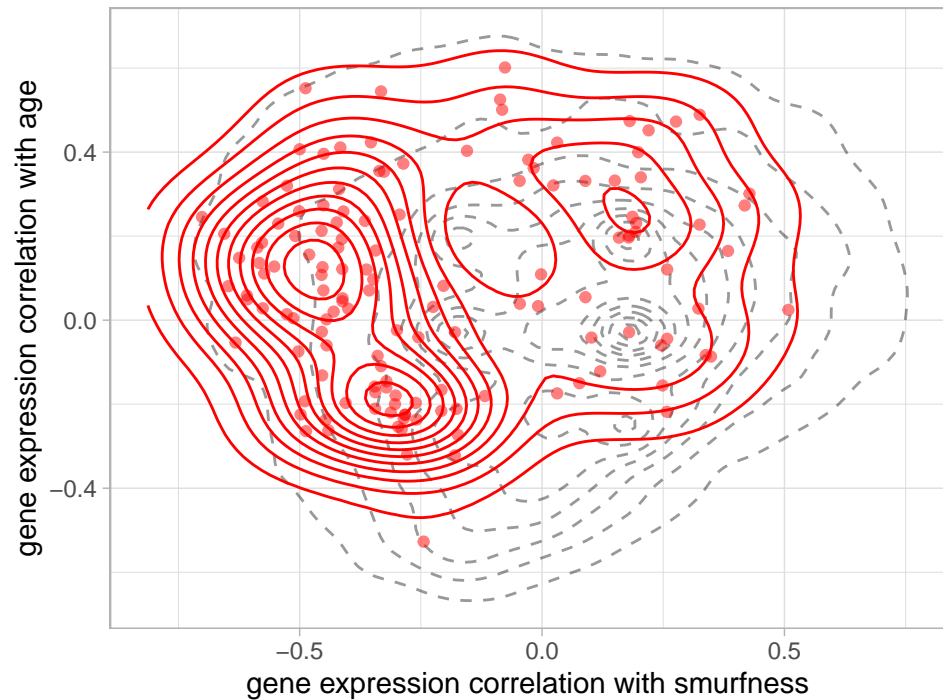
dme00100 Steroid biosynthesis



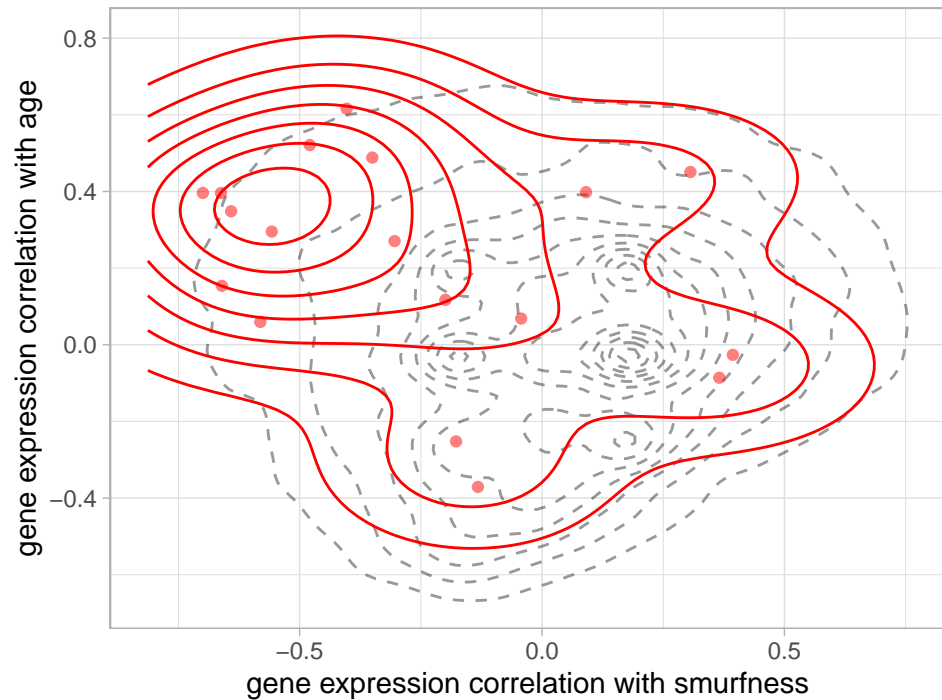
dme00130 Ubiquinone and other terpenoid-quinone biosynthesis



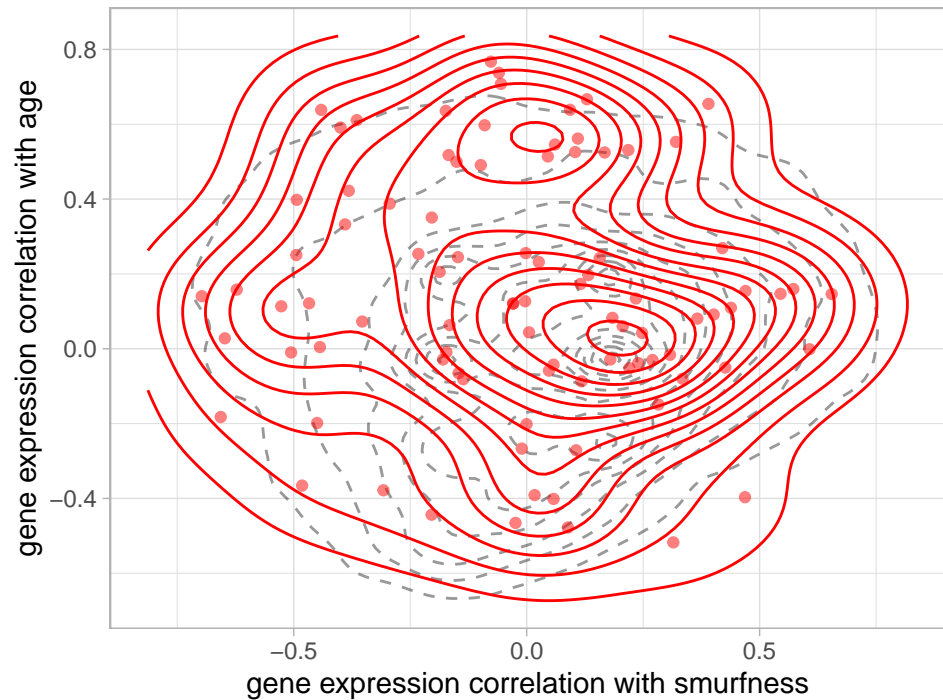
dme00190 Oxidative phosphorylation



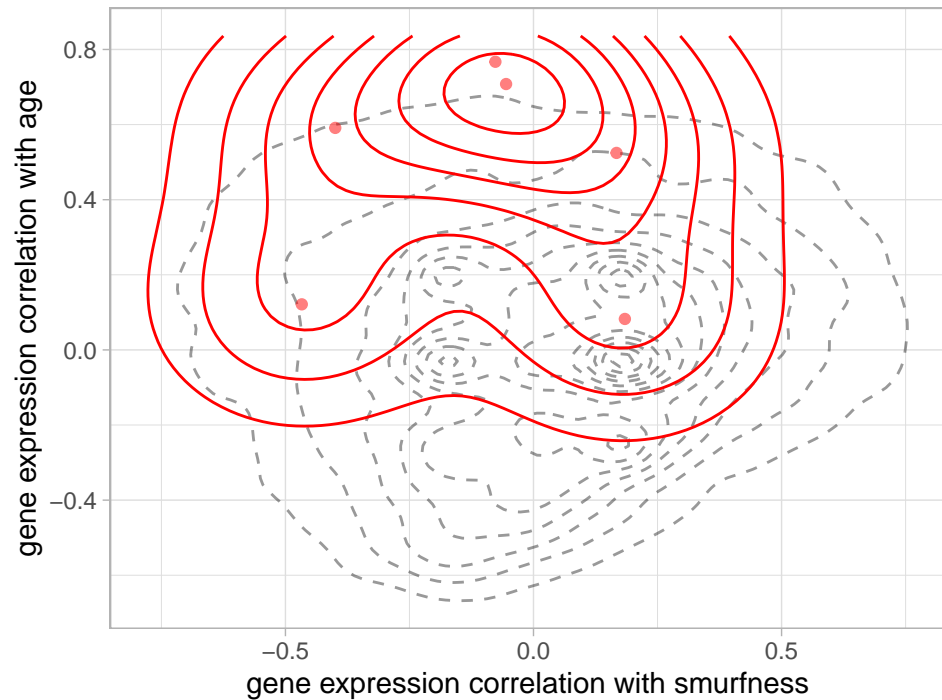
dme00220 Arginine biosynthesis



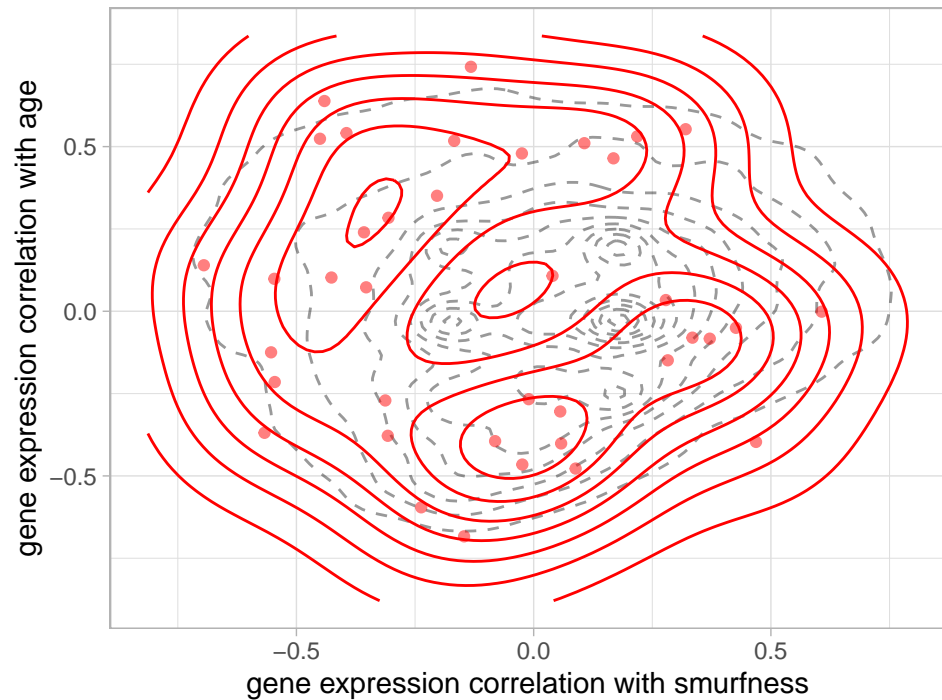
dme00230 Purine metabolism



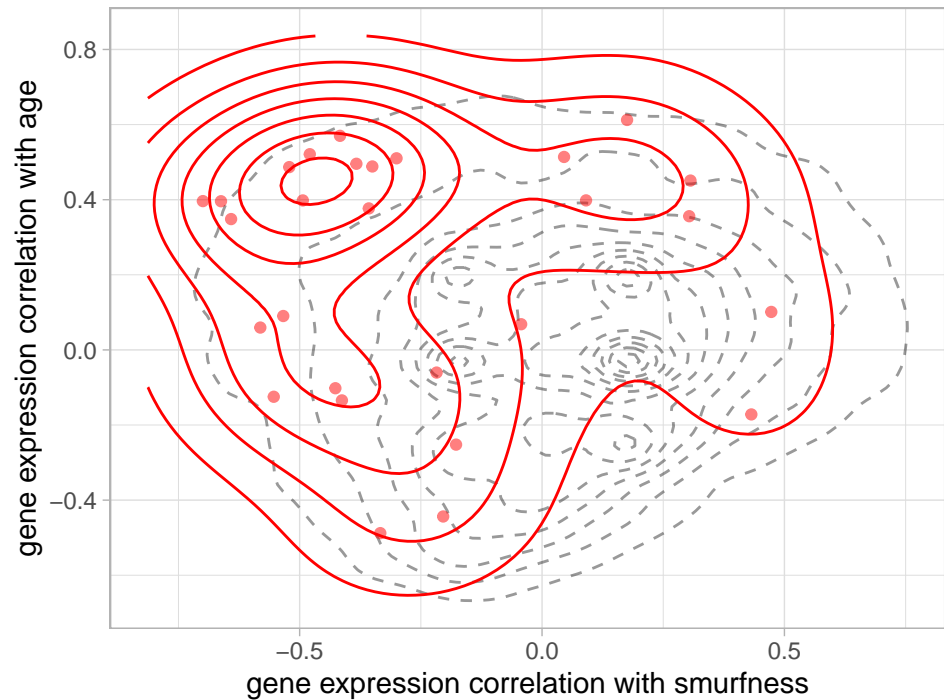
dme00232 Caffeine metabolism



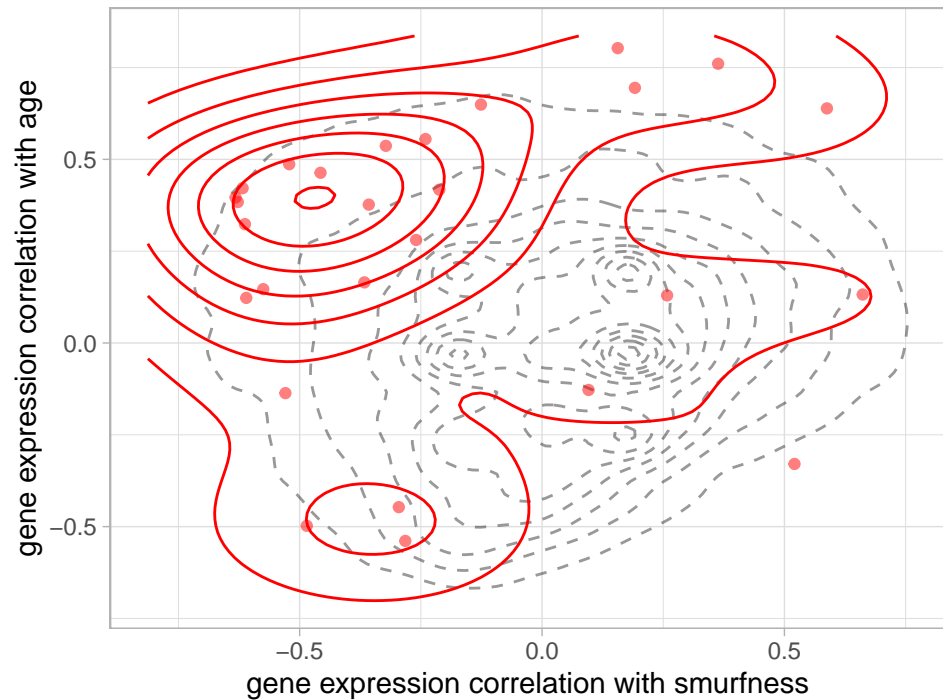
dme00240 Pyrimidine metabolism



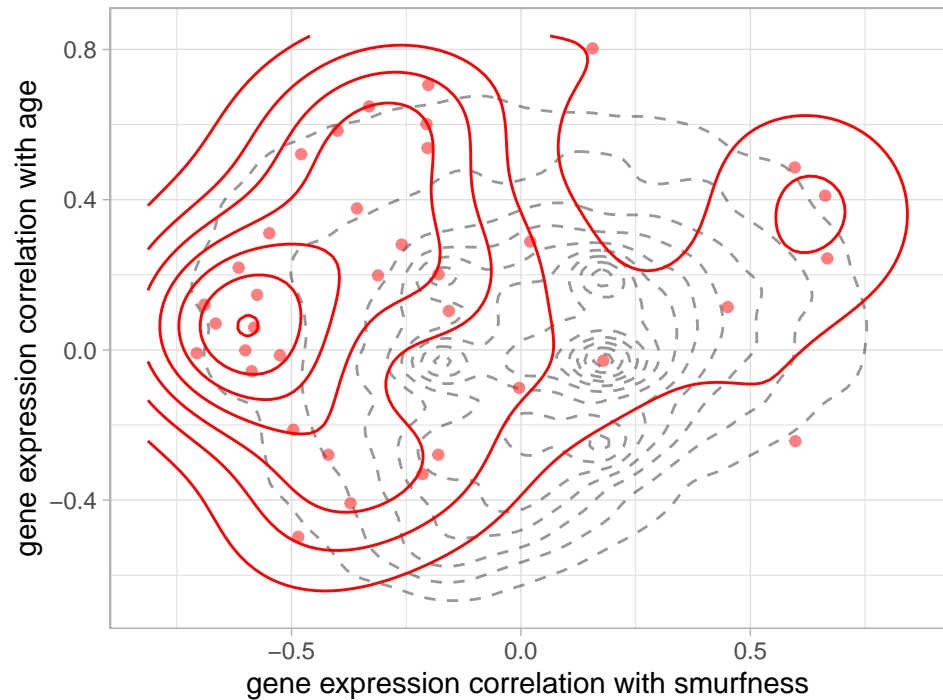
dme00250 Alanine, aspartate and glutamate metabolism



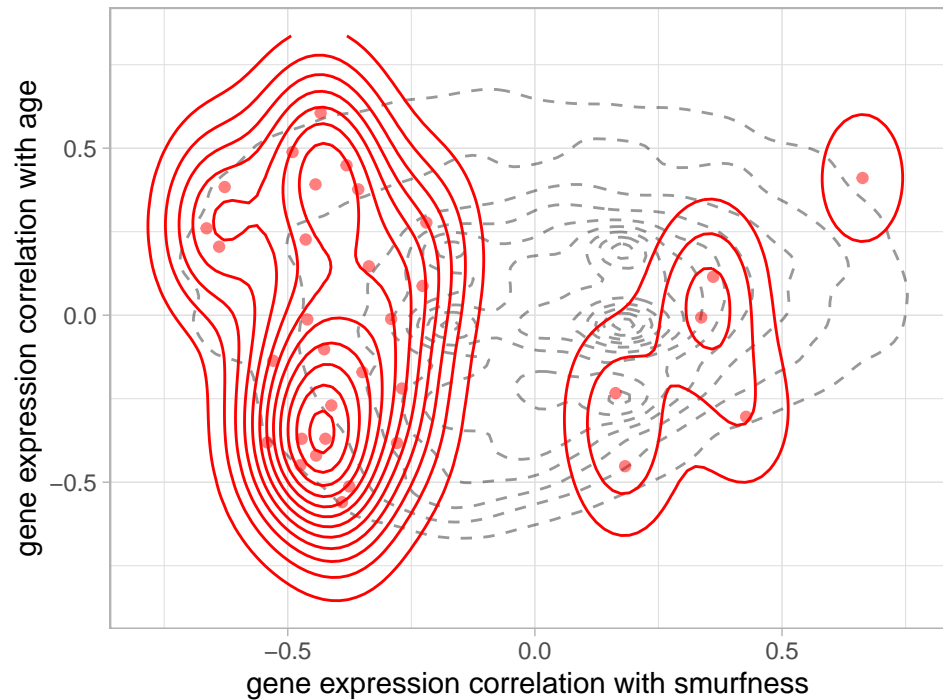
dme00260 Glycine, serine and threonine metabolism



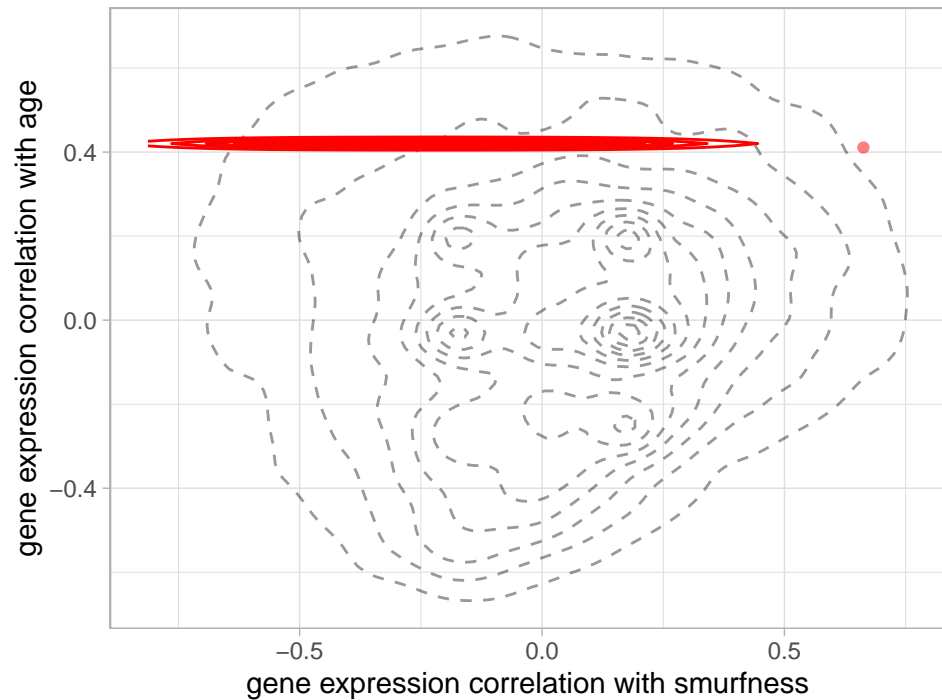
dme00270 Cysteine and methionine metabolism



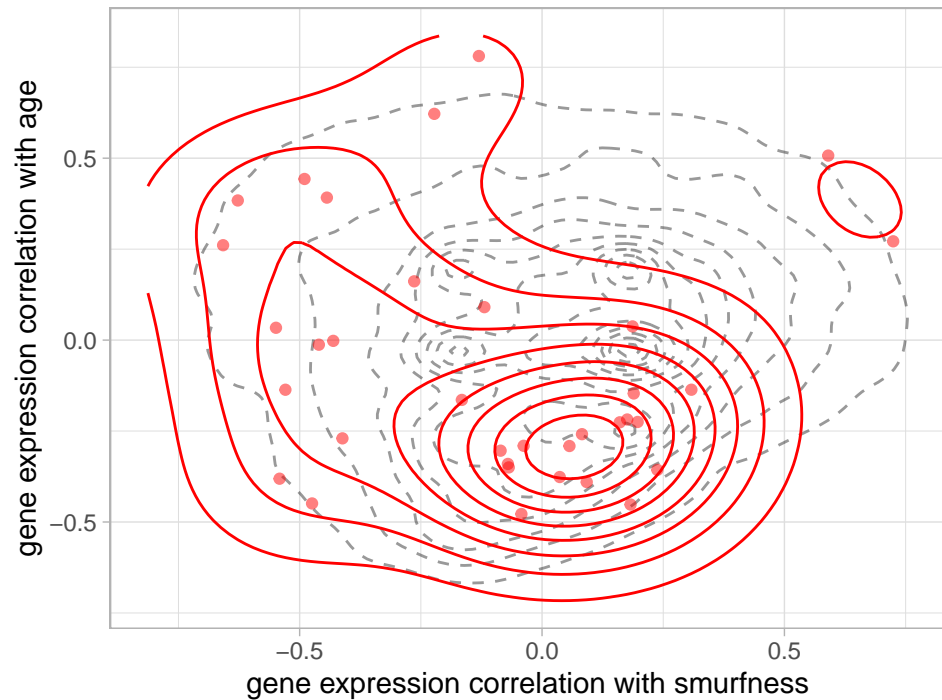
dme00280 Valine, leucine and isoleucine degradation



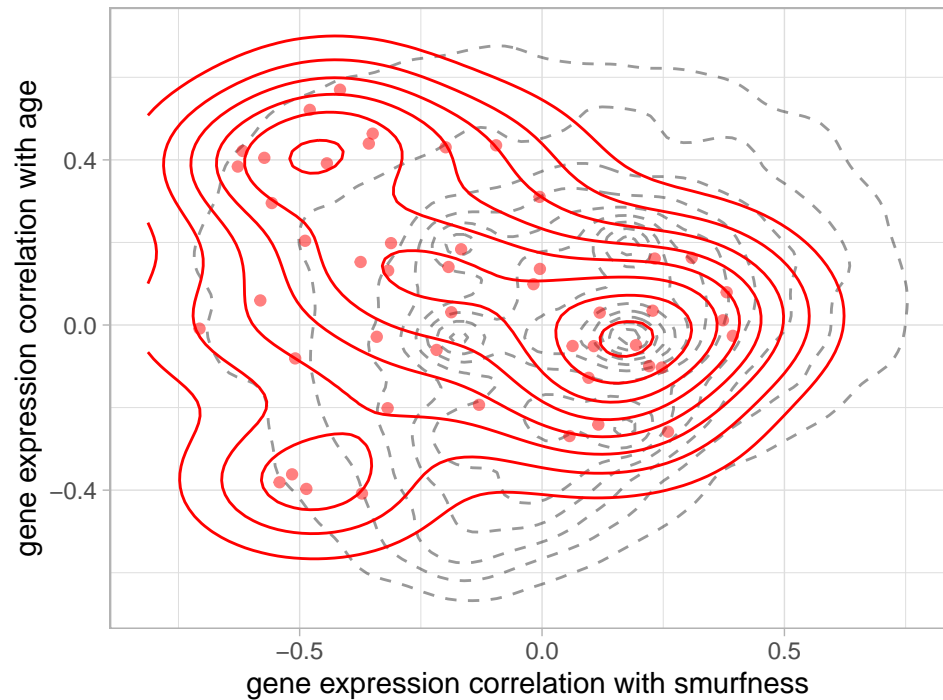
dme00290 Valine, leucine and isoleucine biosynthesis



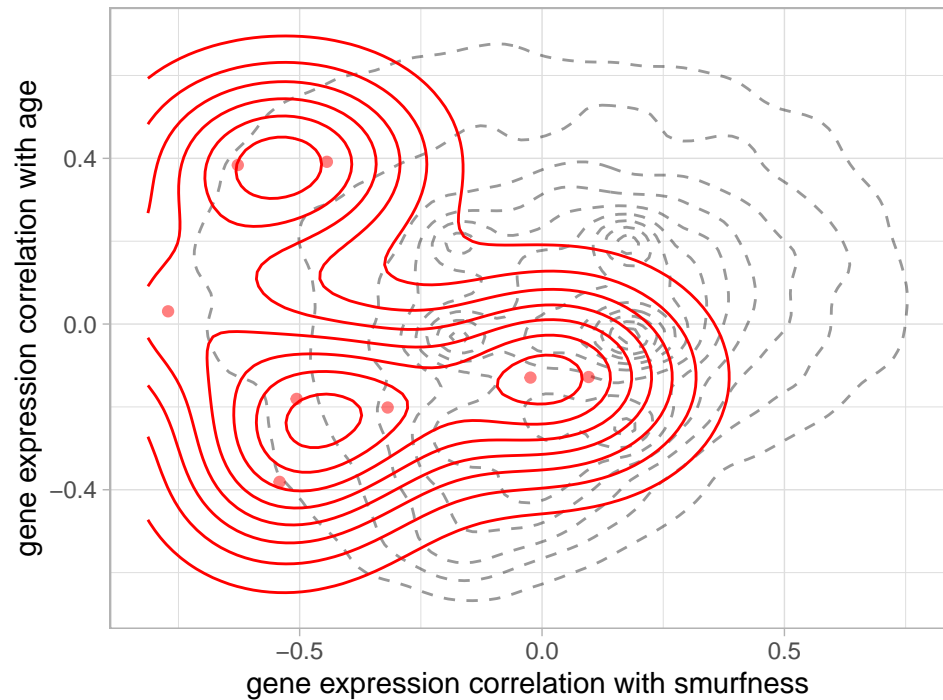
dme00310 Lysine degradation



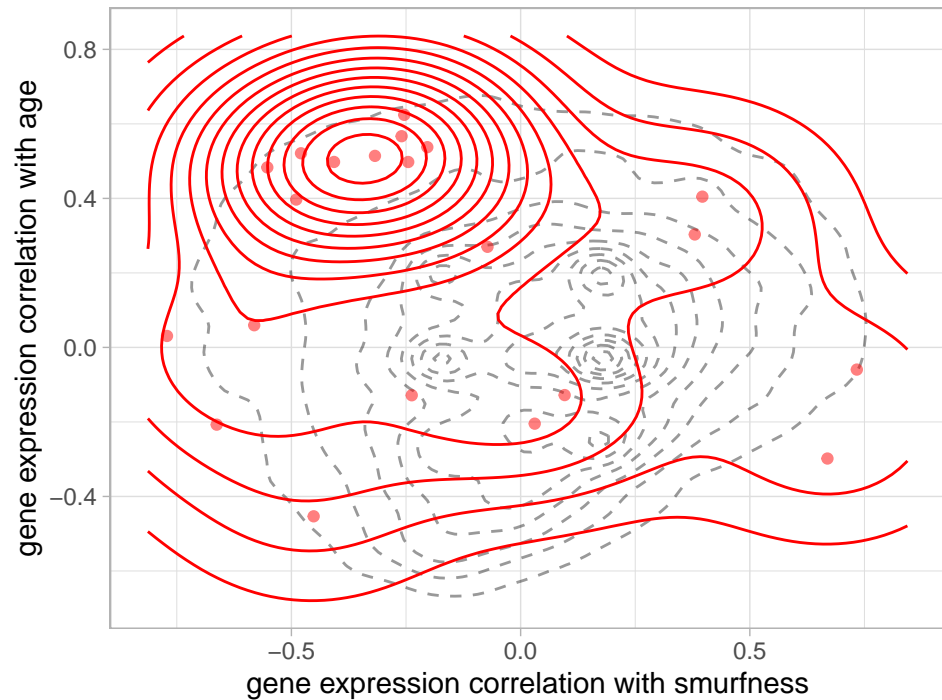
dme00330 Arginine and proline metabolism



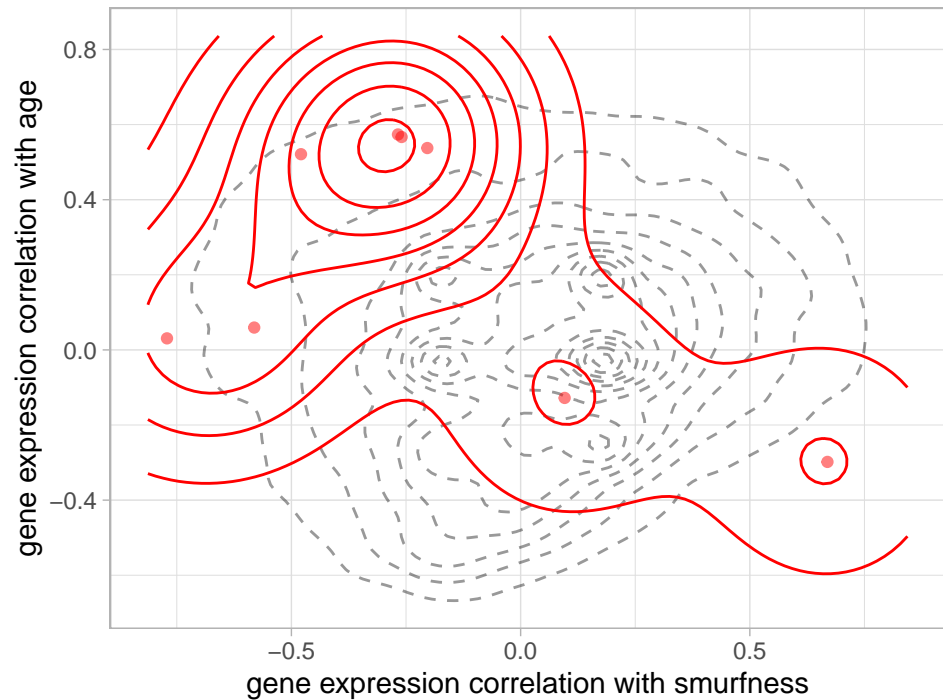
dme00340 Histidine metabolism



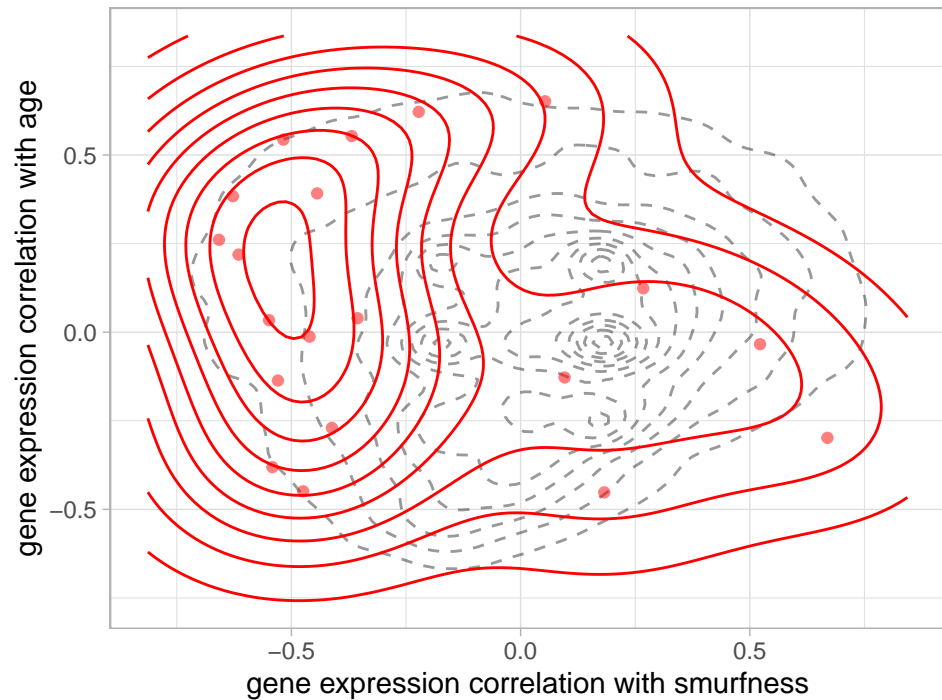
dme00350 Tyrosine metabolism



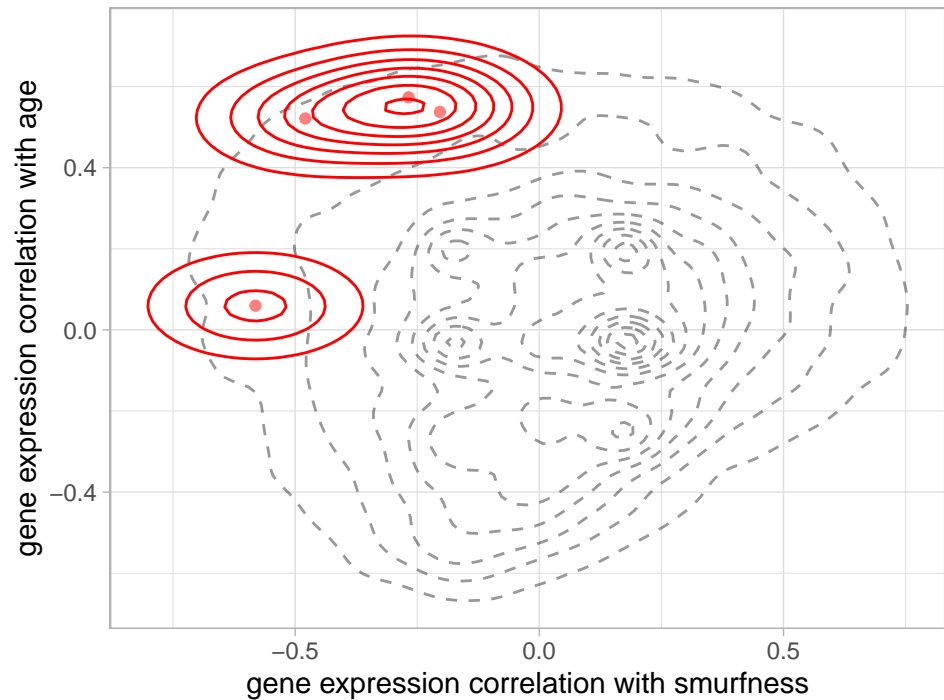
dme00360 Phenylalanine metabolism



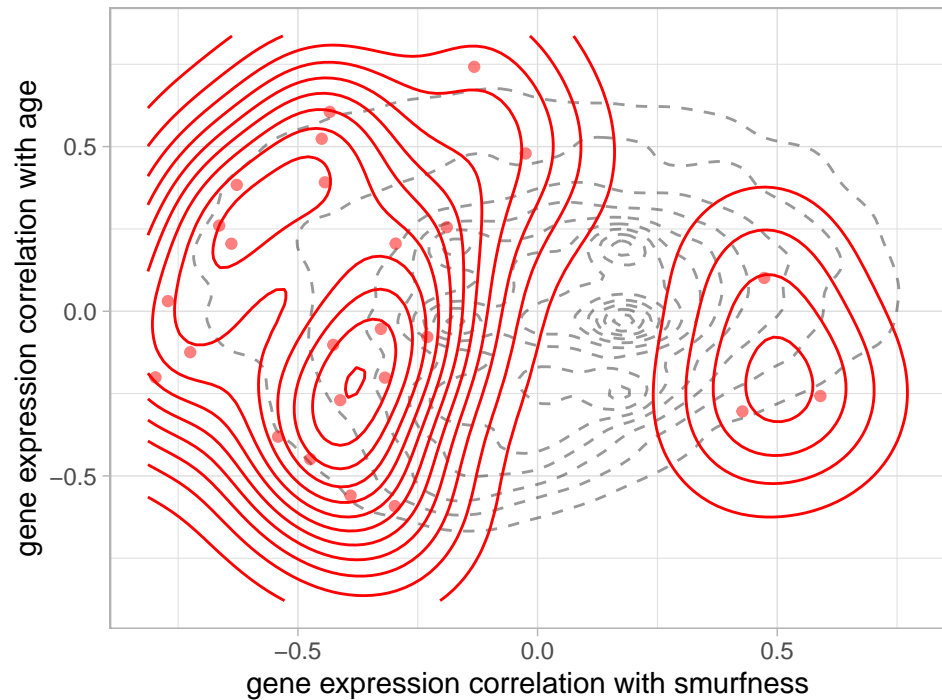
dme00380 Tryptophan metabolism



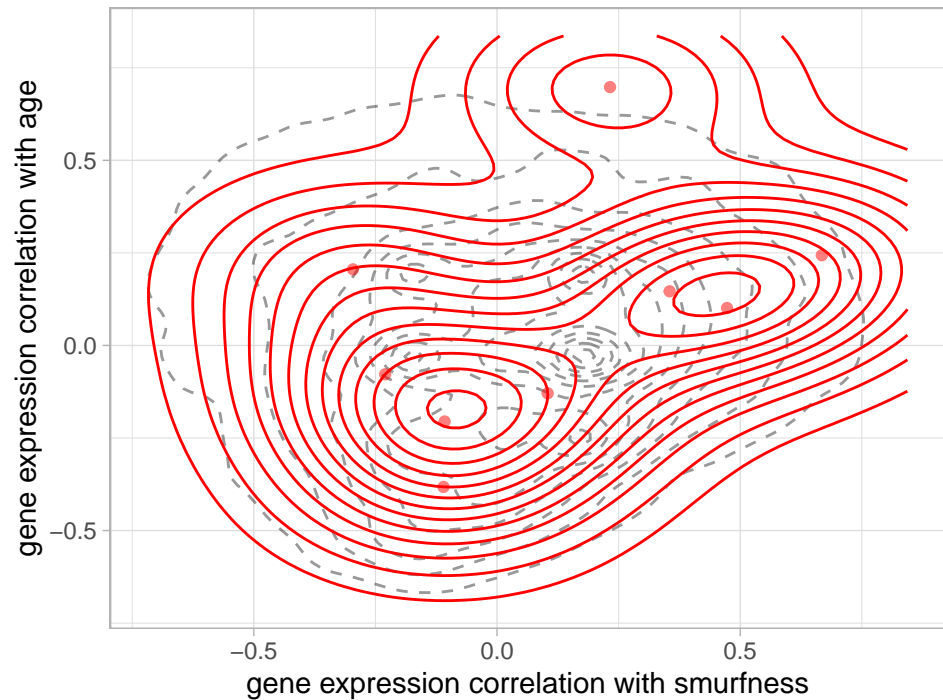
dme00400 Phenylalanine, tyrosine and tryptophan biosy



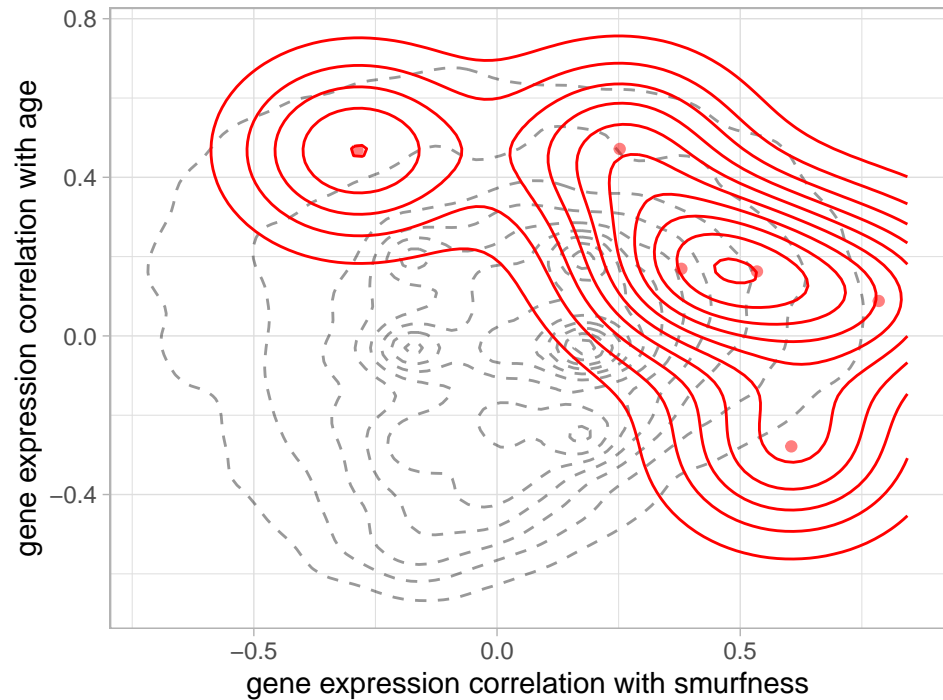
dme00410 beta-Alanine metabolism



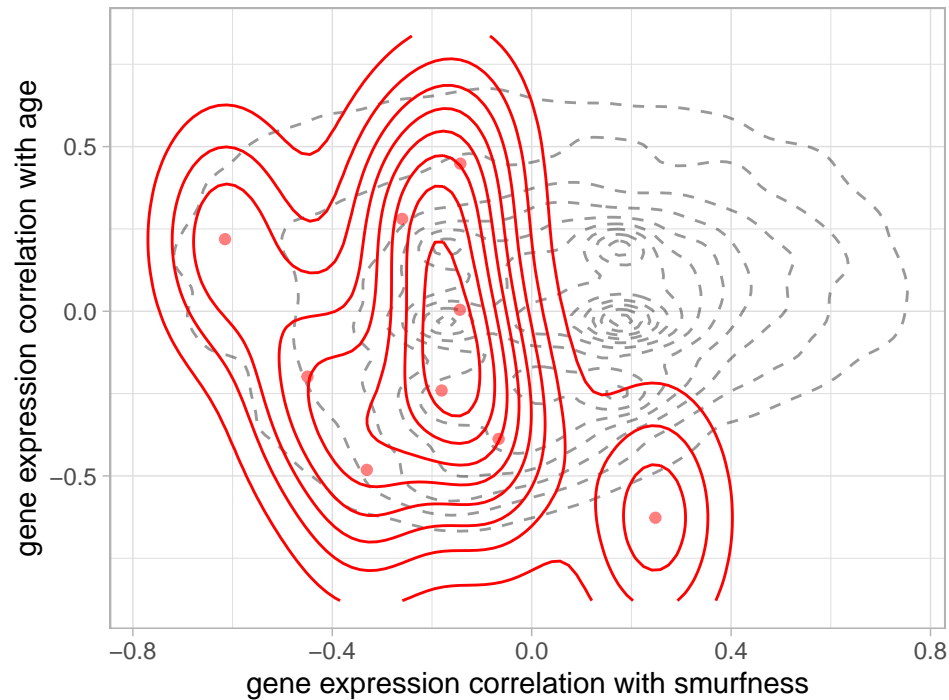
dme00430 Taurine and hypotaurine metabolism



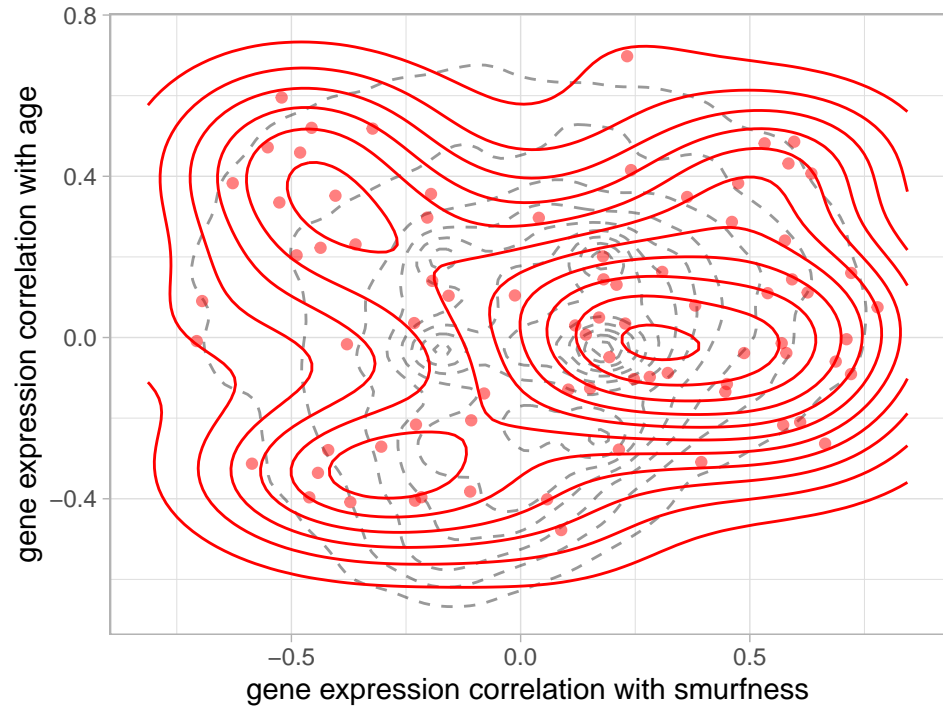
dme00440 Phosphonate and phosphinate metabolism



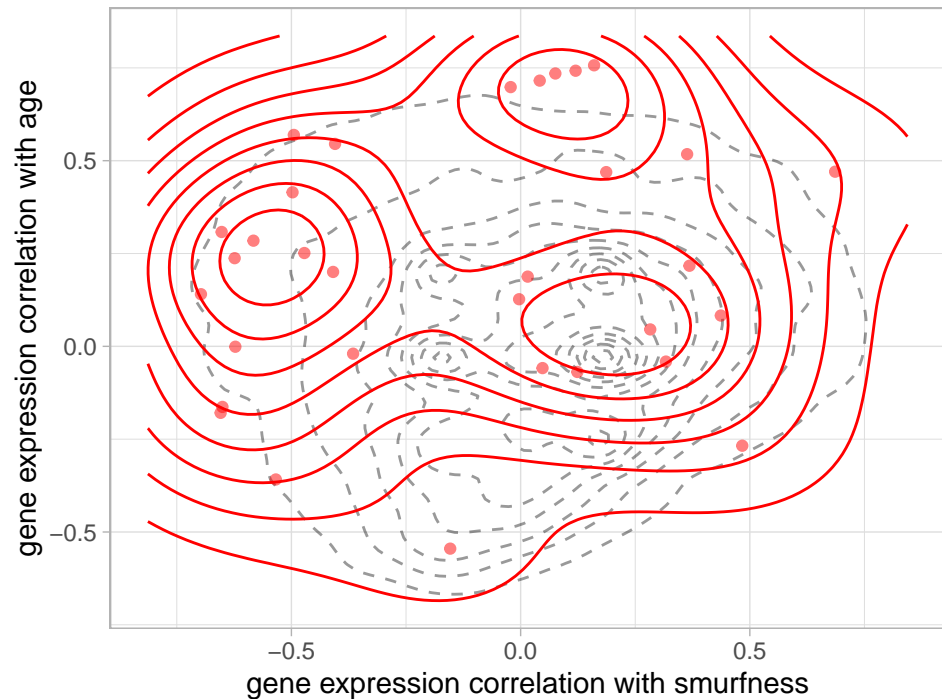
dme00450 Selenocompound metabolism



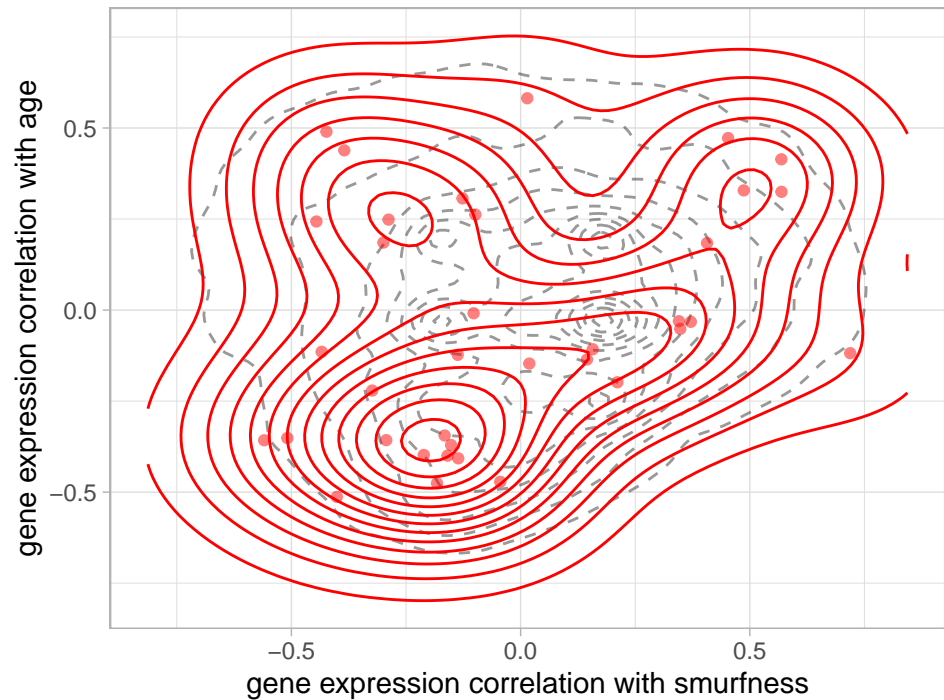
dme00480 Glutathione metabolism



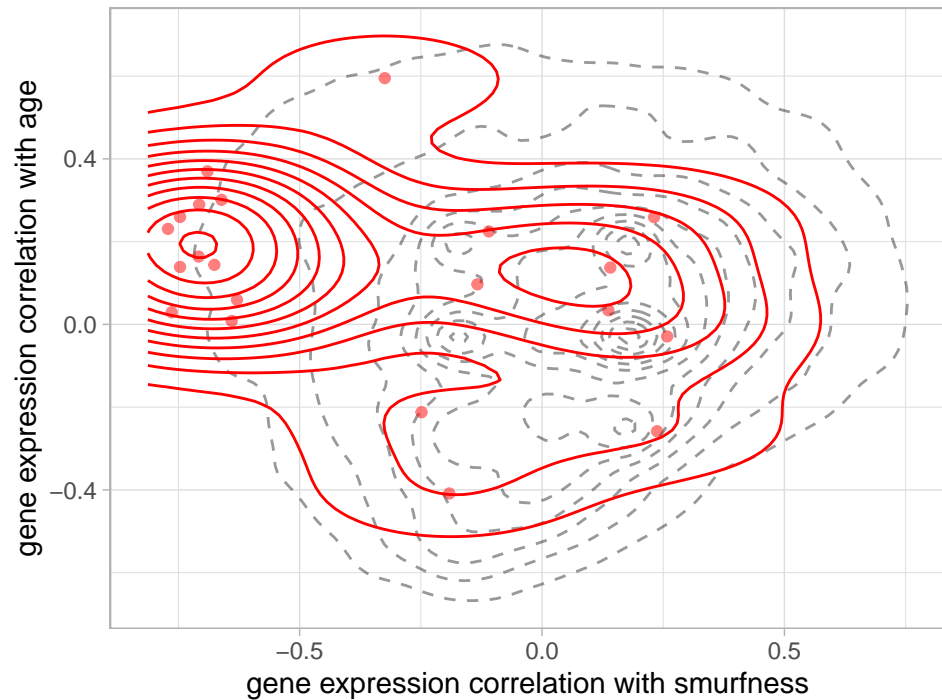
dme00500 Starch and sucrose metabolism



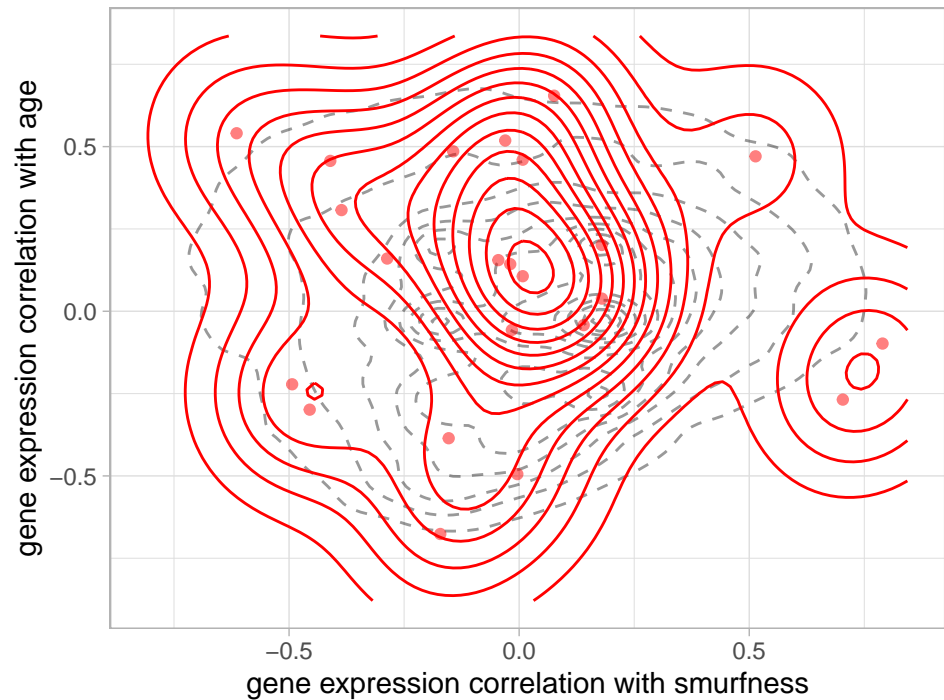
dme00510 N-Glycan biosynthesis



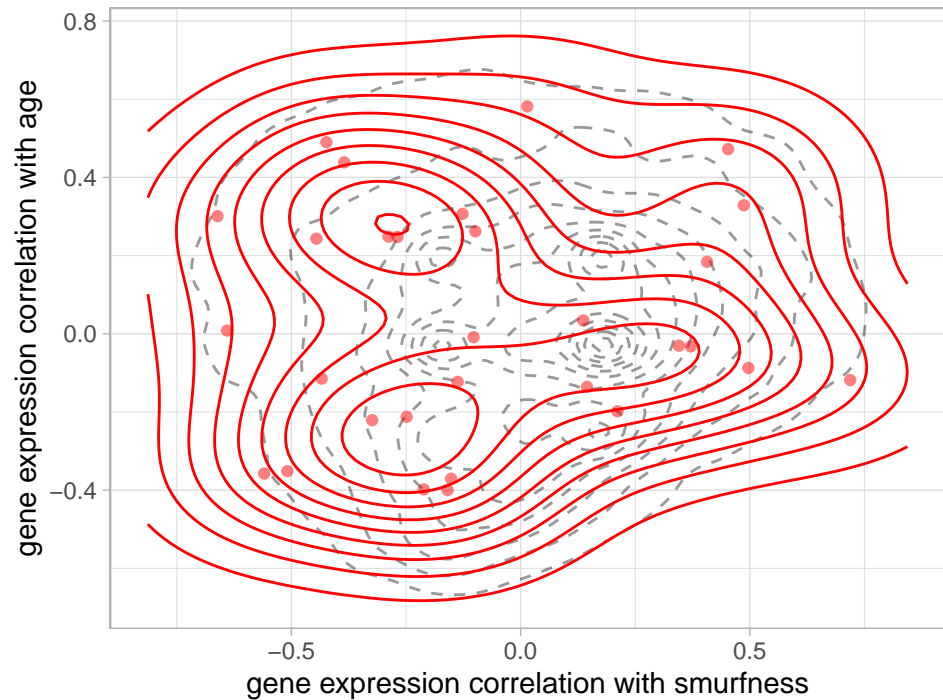
dme00511 Other glycan degradation



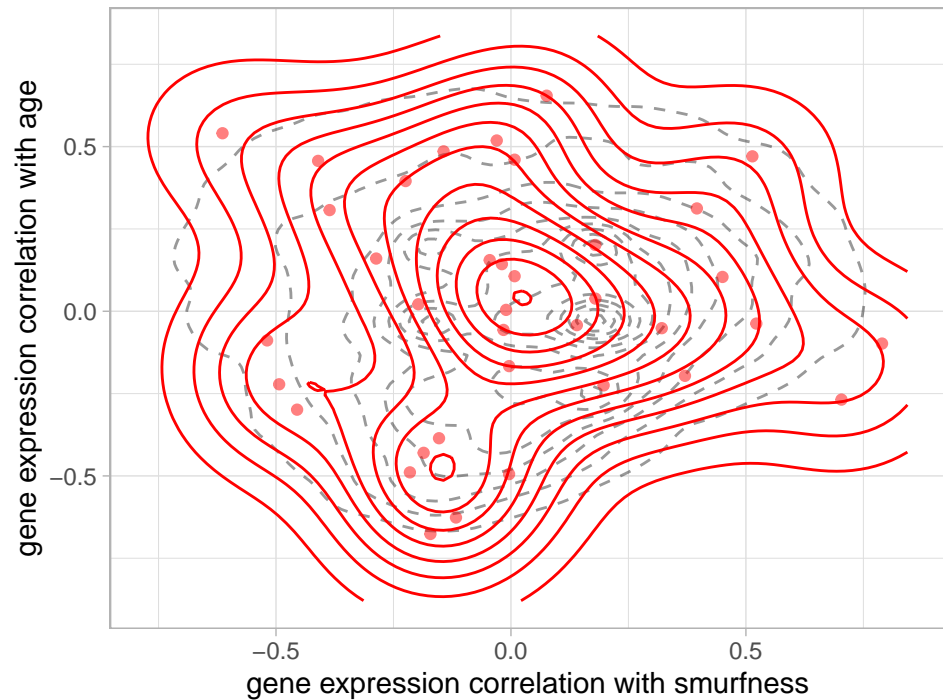
dme00512 Mucin type O-glycan biosynthesis



dme00513 Various types of N-glycan biosynthesis



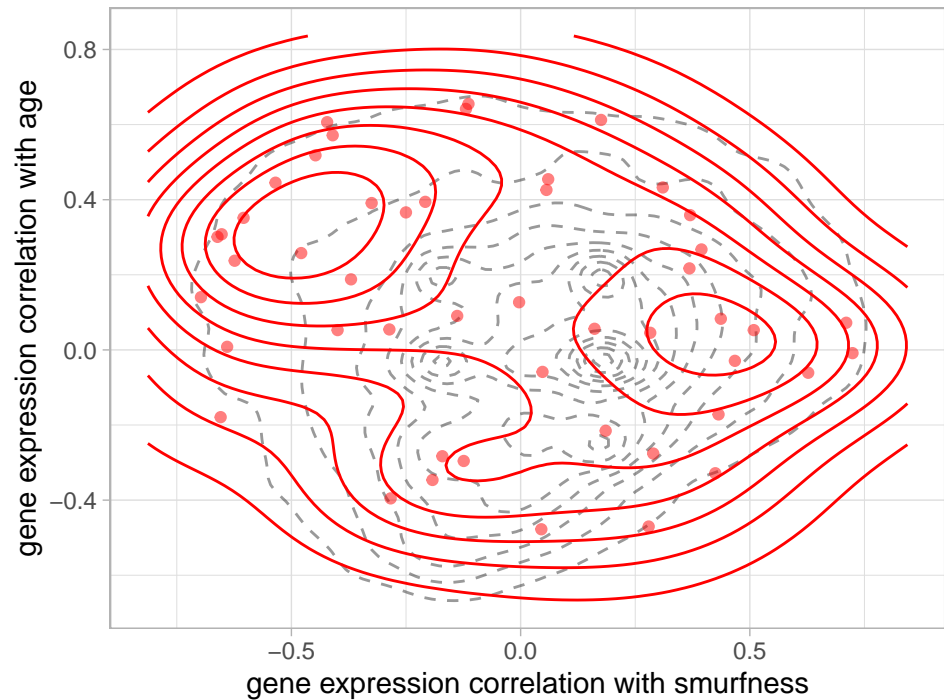
dme00514 Other types of O-glycan biosynthesis



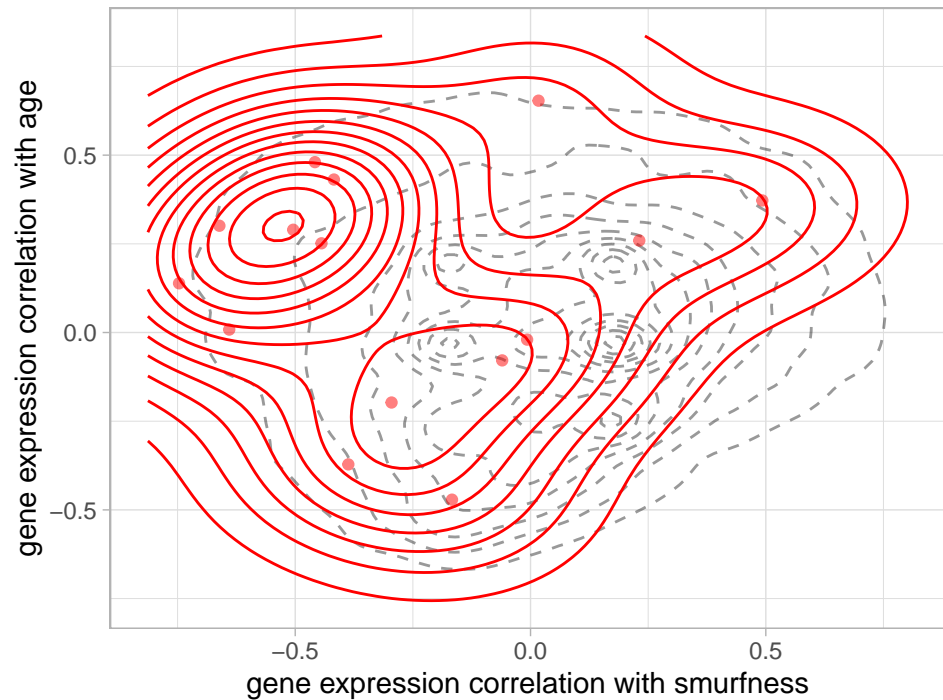
dme00515 Mannose type O-glycan biosynthesis



dme00520 Amino sugar and nucleotide sugar metabolism



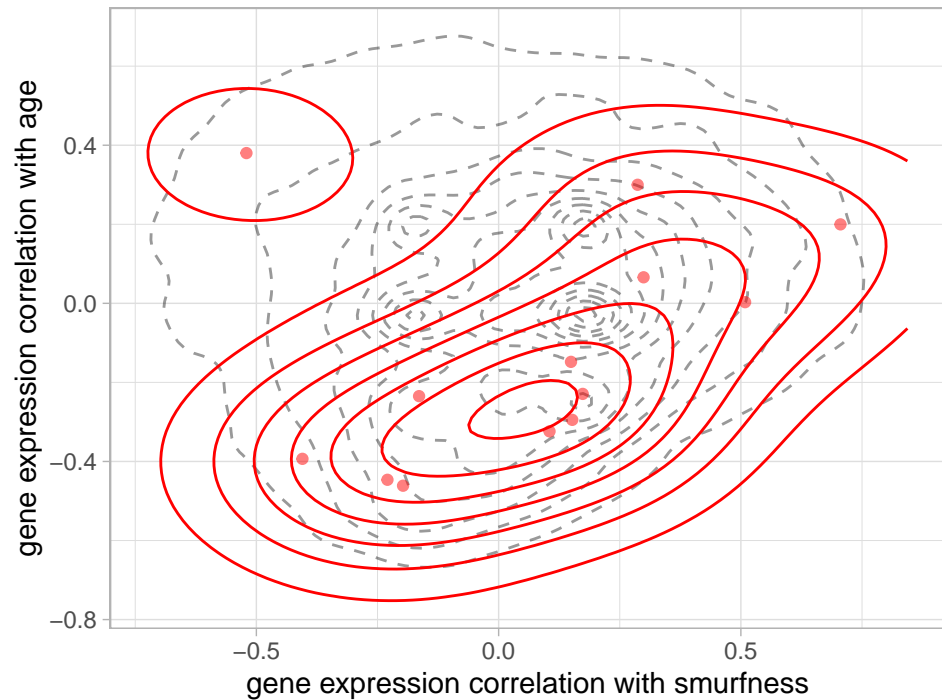
dme00531 Glycosaminoglycan degradation



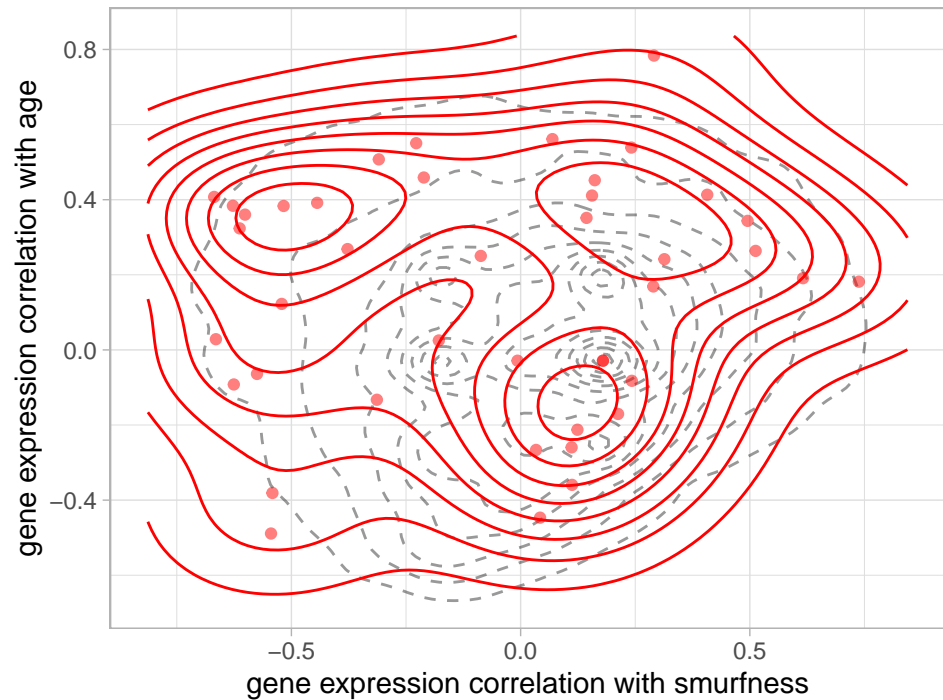
dme00532 Glycosaminoglycan biosynthesis – chondroi



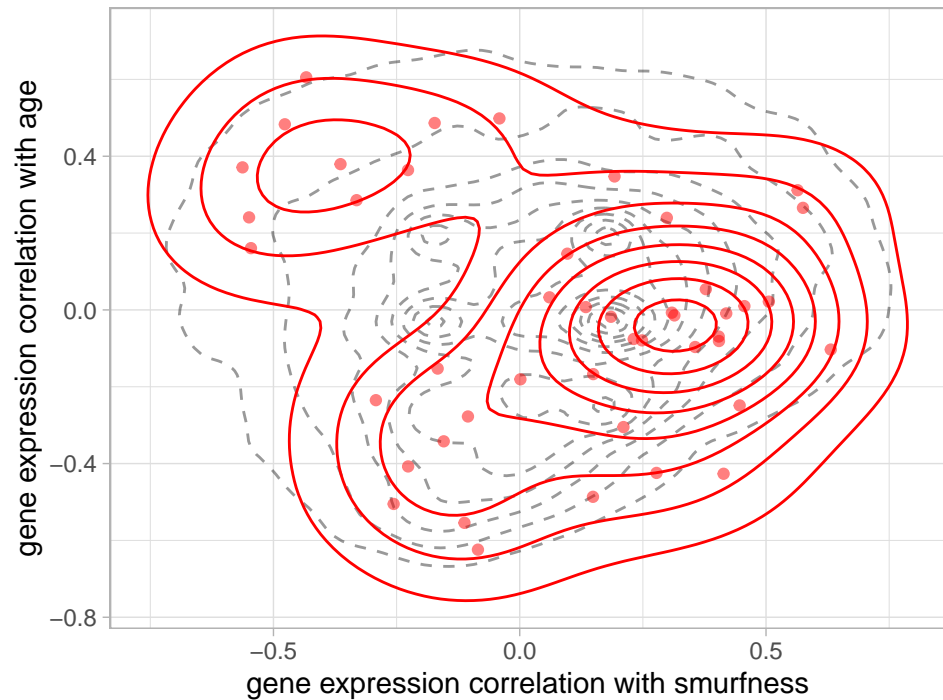
dme00534 Glycosaminoglycan biosynthesis – heparan



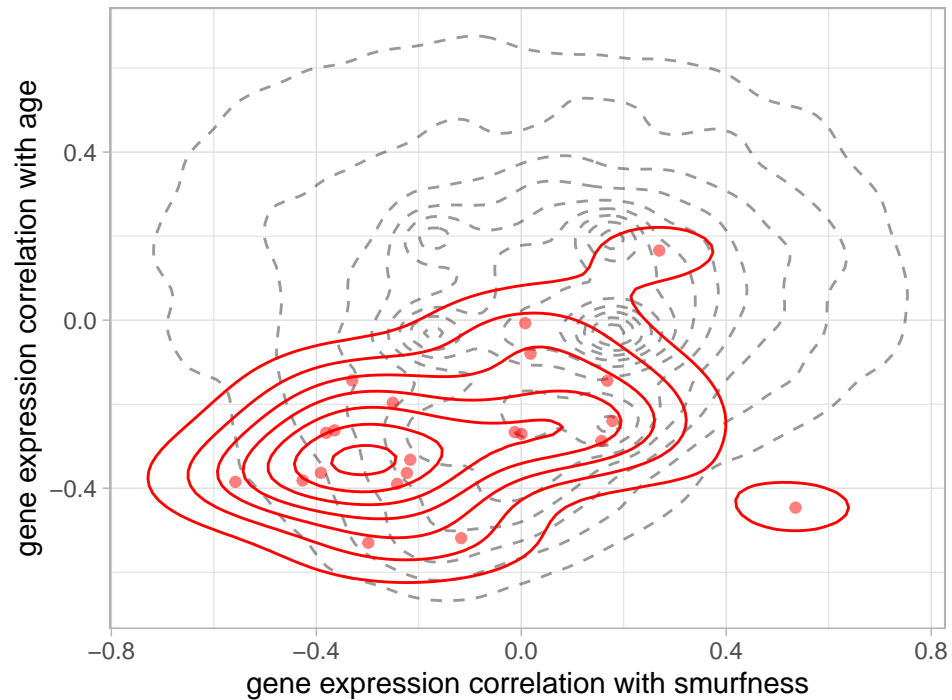
dme00561 Glycerolipid metabolism



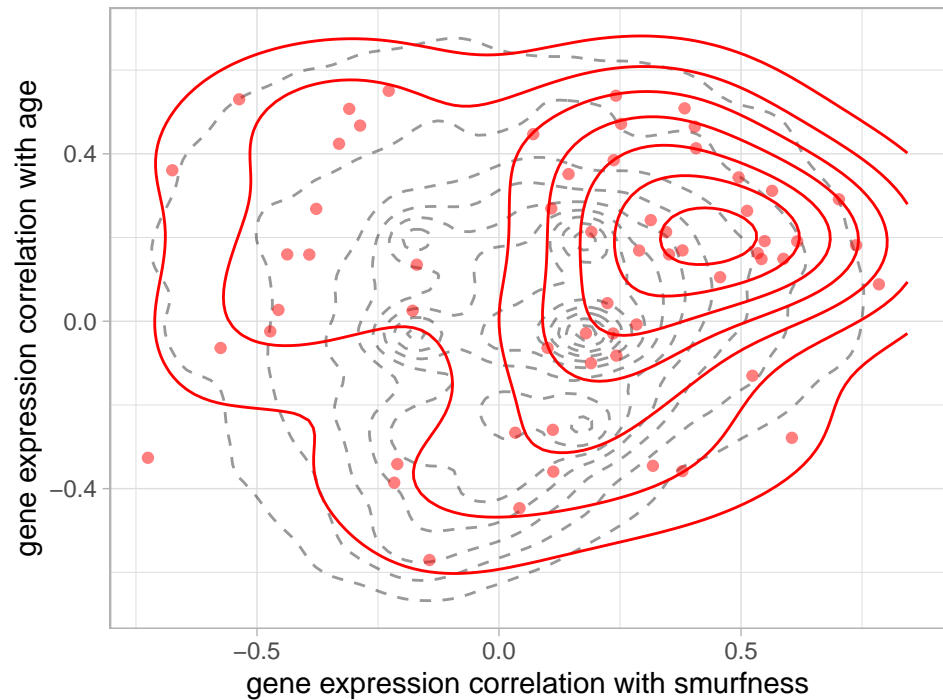
dme00562 Inositol phosphate metabolism



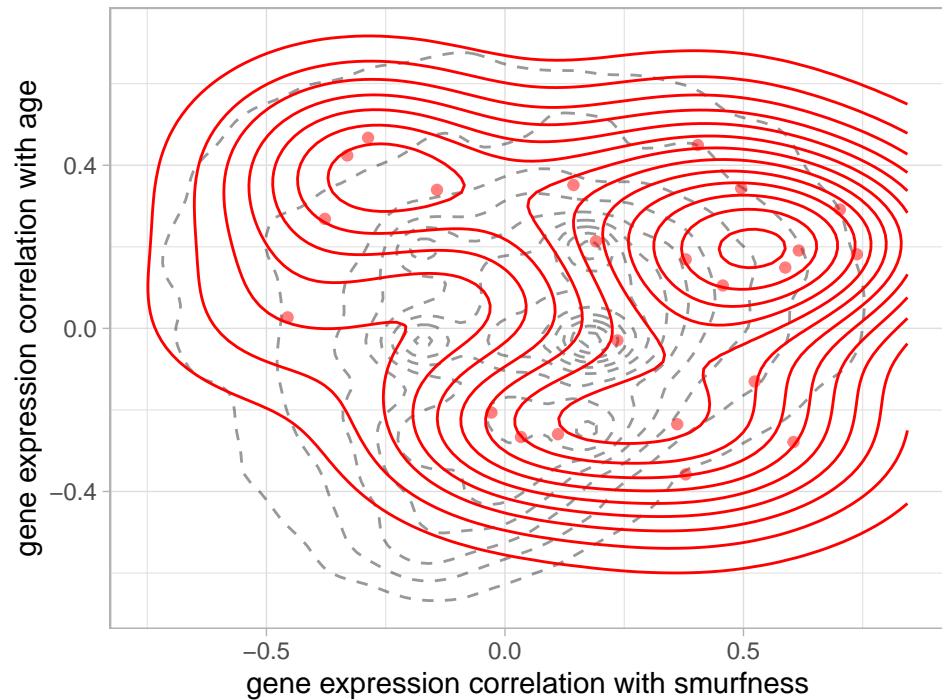
dme00563 Glycosylphosphatidylinositol (GPI)-anchor b



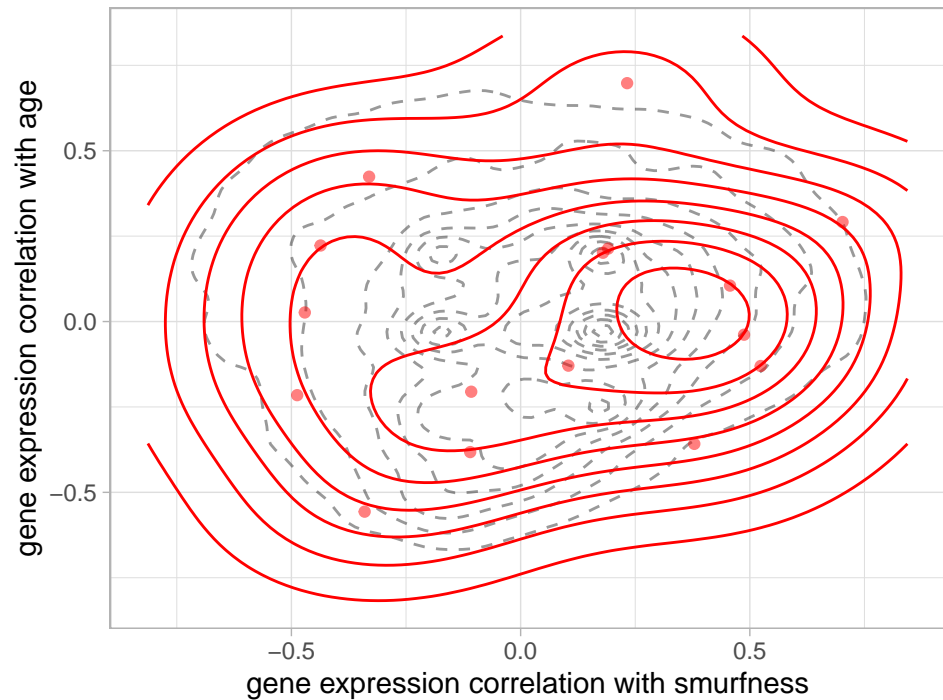
dme00564 Glycerophospholipid metabolism



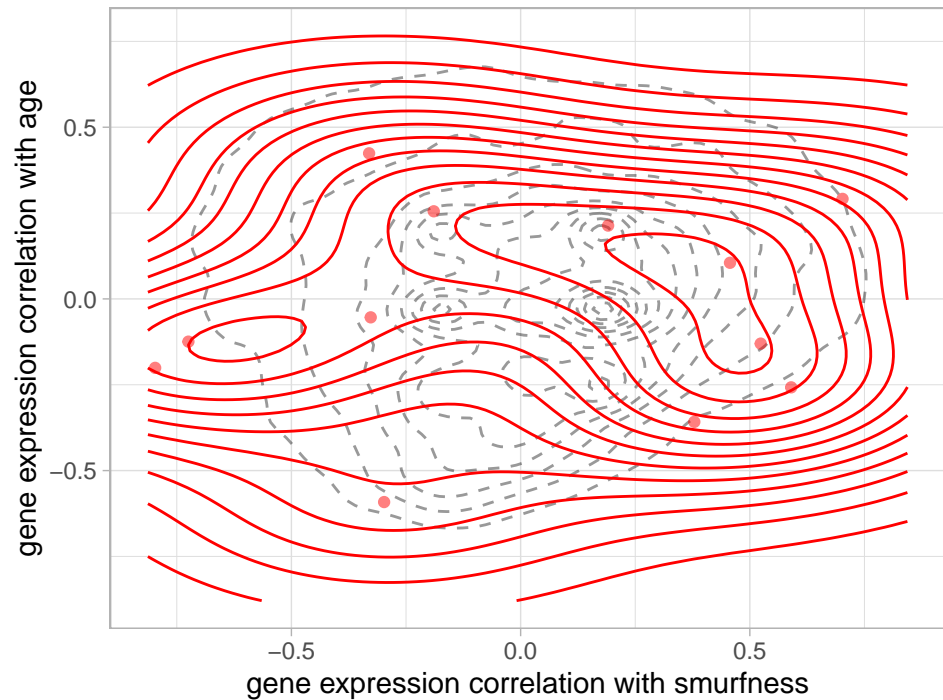
dme00565 Ether lipid metabolism



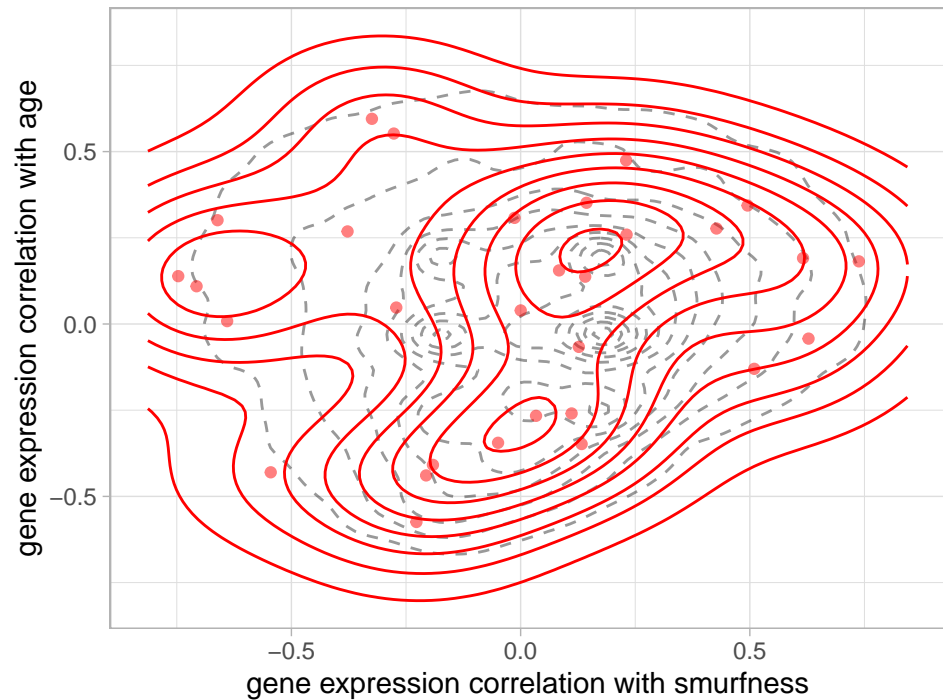
dme00590 Arachidonic acid metabolism



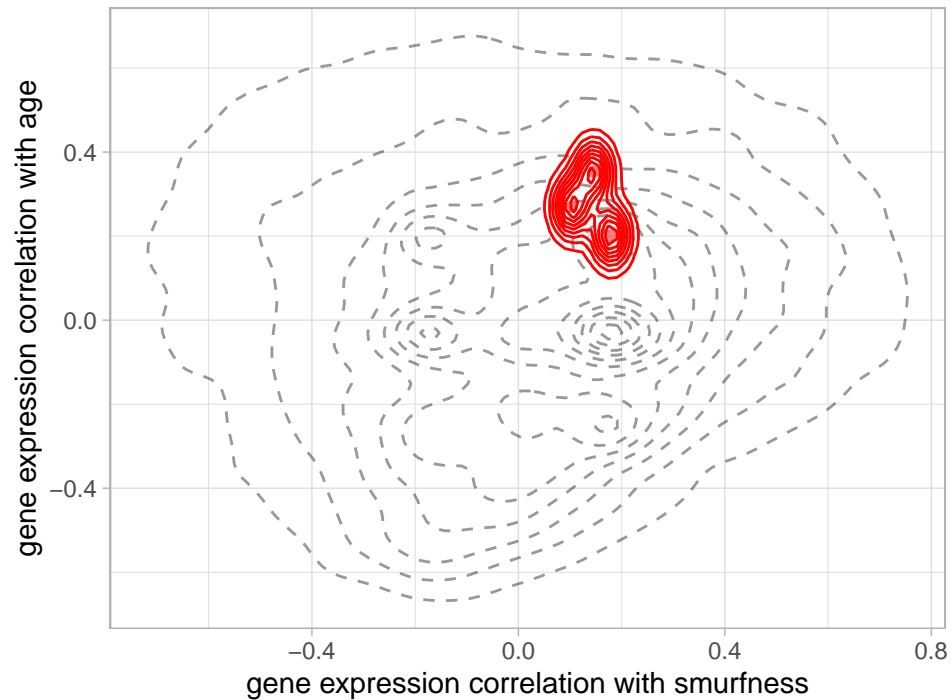
dme00592 alpha-Linolenic acid metabolism



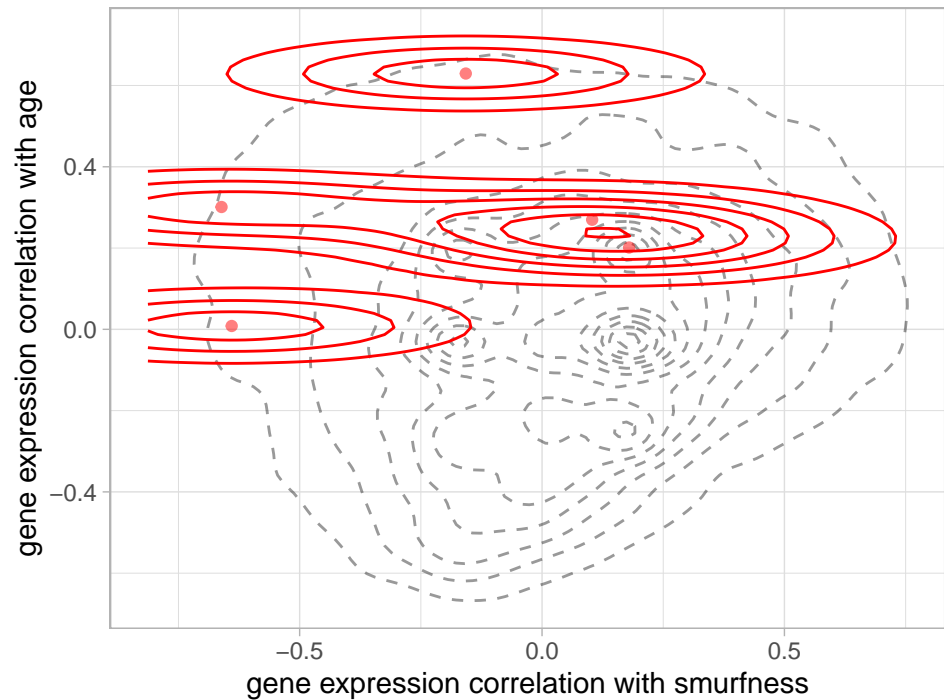
dme00600 Sphingolipid metabolism



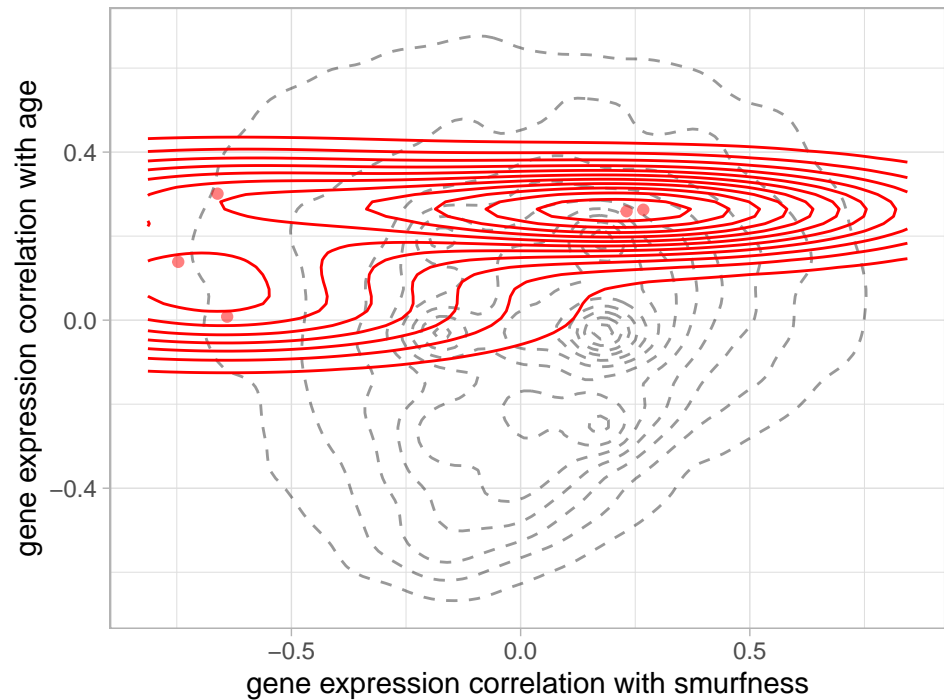
dme00601 Glycosphingolipid biosynthesis – lacto and n



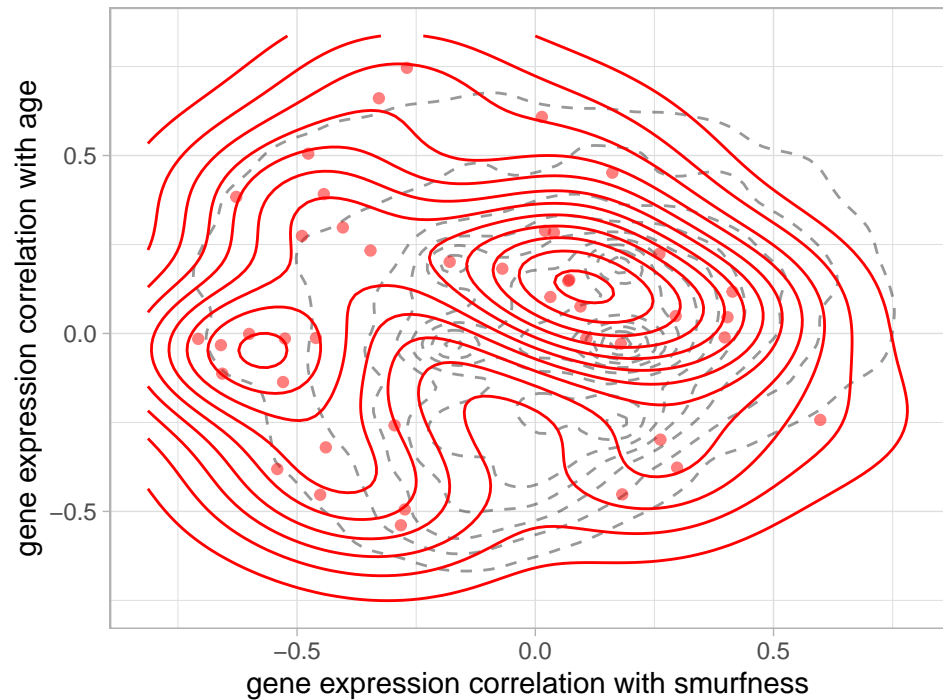
dme00603 Glycosphingolipid biosynthesis – globo and i



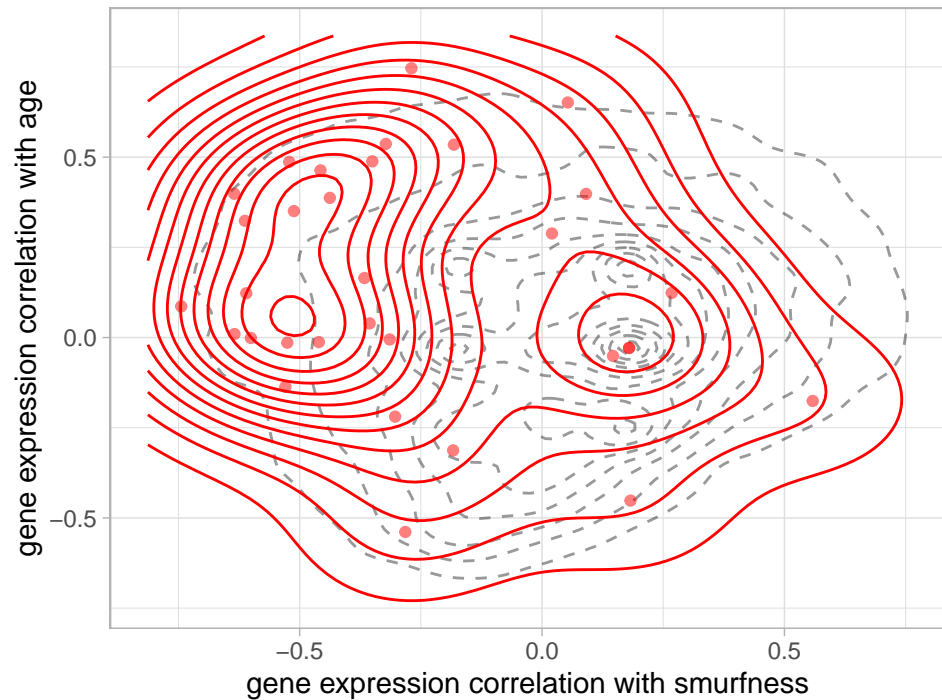
dme00604 Glycosphingolipid biosynthesis – ganglio ser



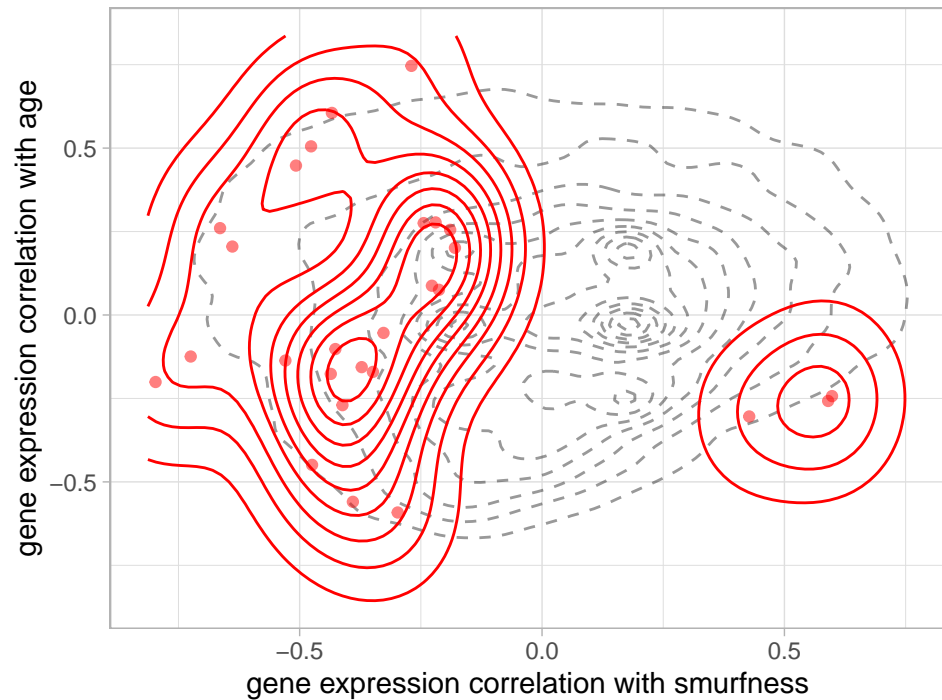
dme00620 Pyruvate metabolism



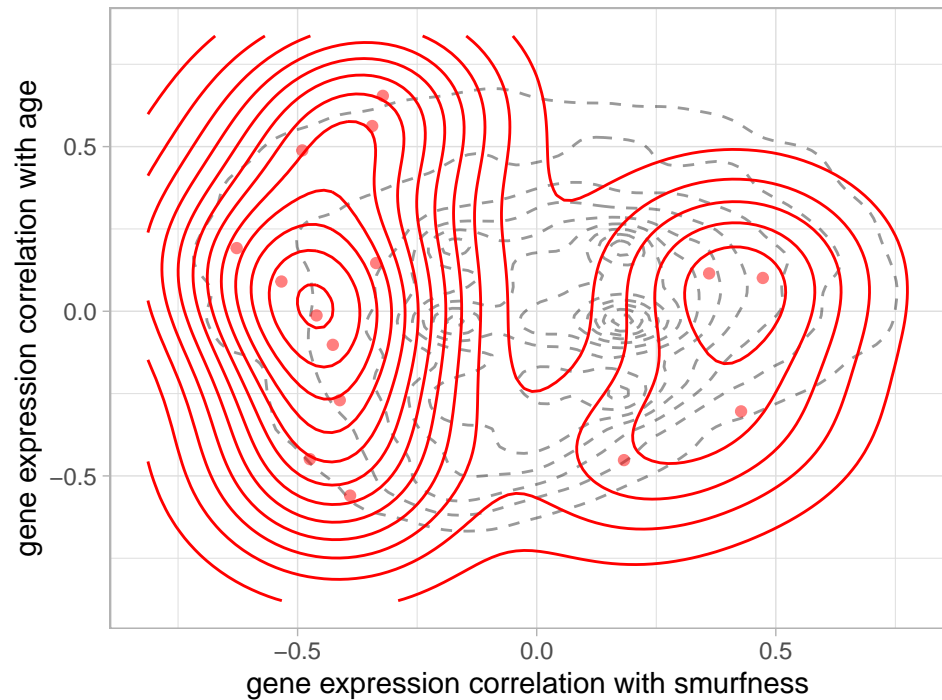
dme00630 Glyoxylate and dicarboxylate metabolism



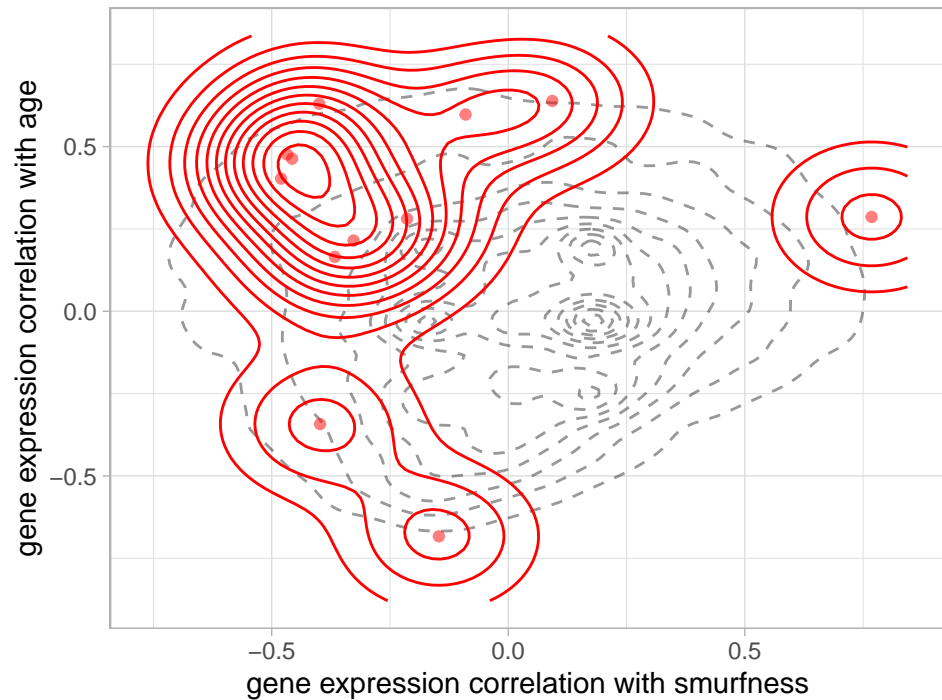
dme00640 Propanoate metabolism



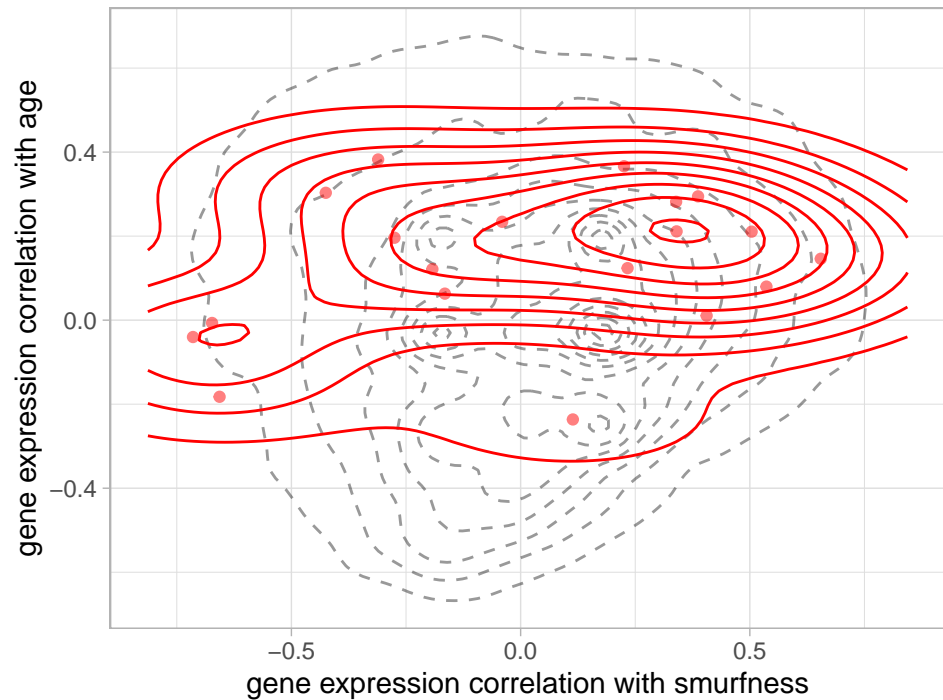
dme00650 Butanoate metabolism



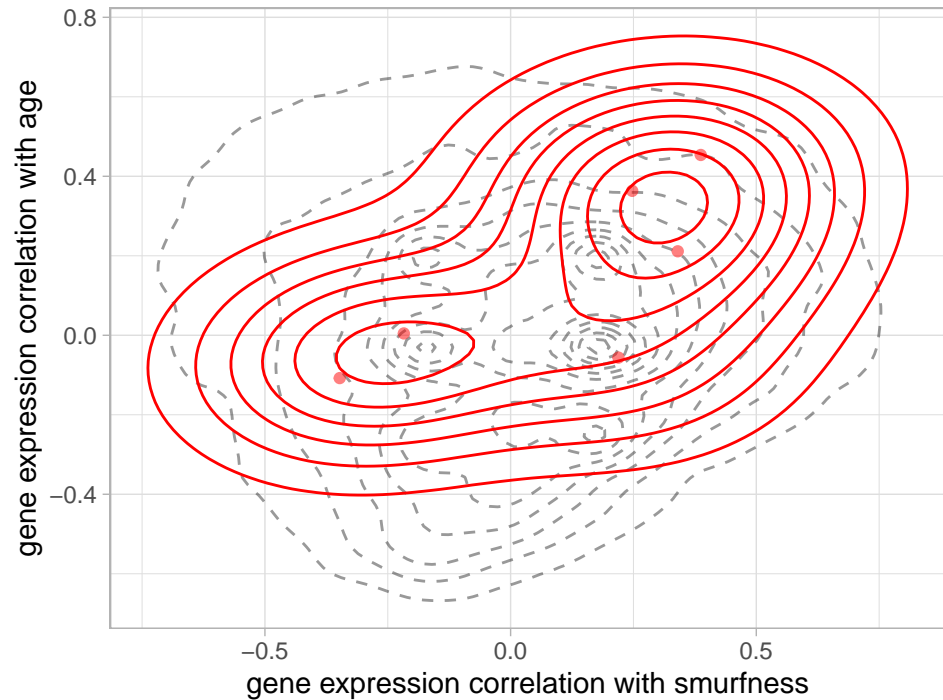
dme00670 One carbon pool by folate



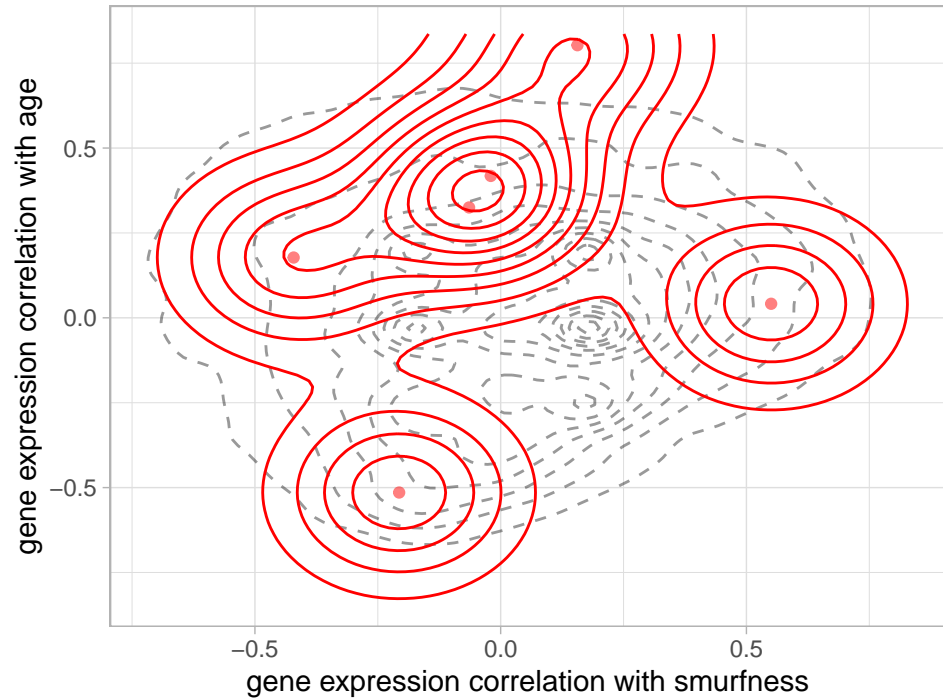
dme00730 Thiamine metabolism



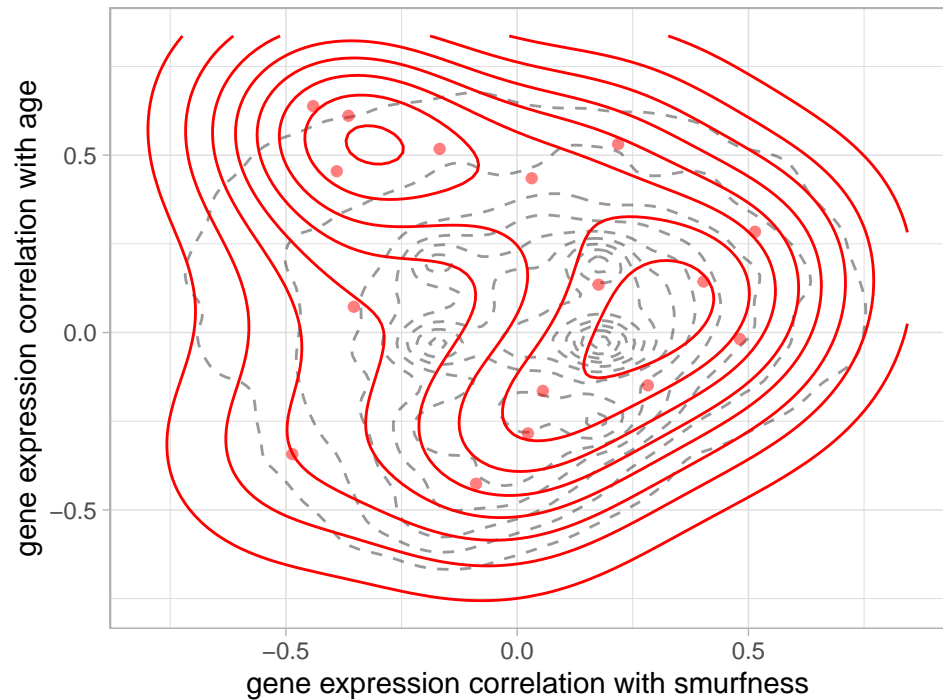
dme00740 Riboflavin metabolism



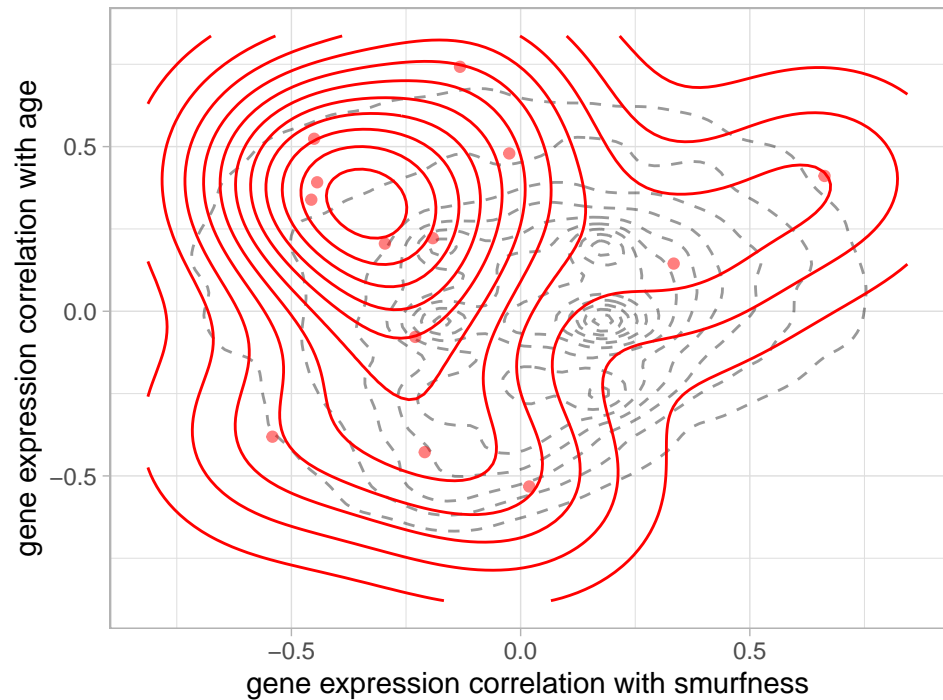
dme00750 Vitamin B6 metabolism



dme00760 Nicotinate and nicotinamide metabolism



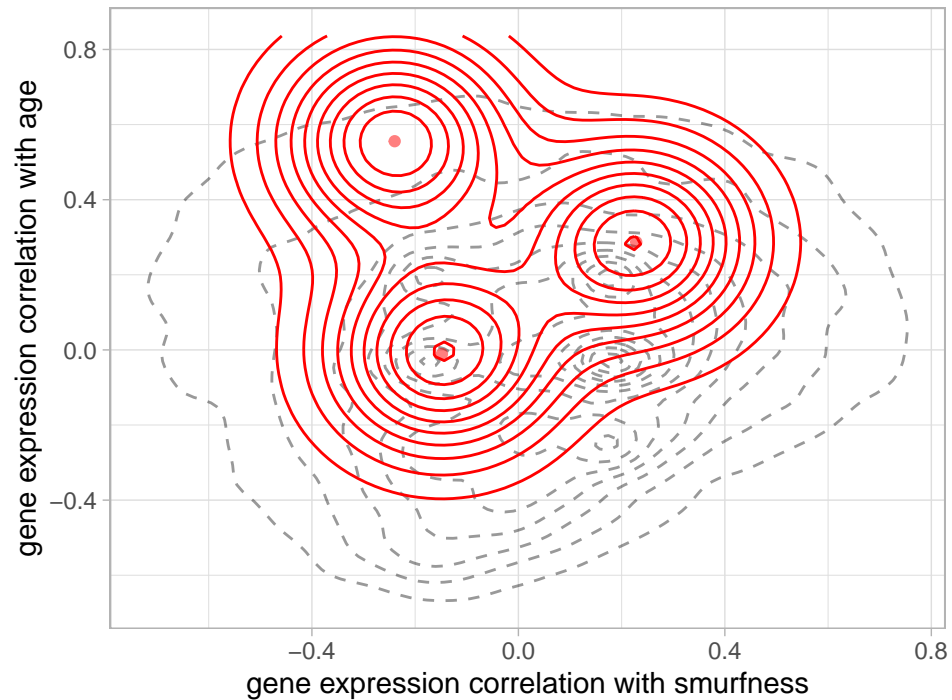
dme00770 Pantothenate and CoA biosynthesis



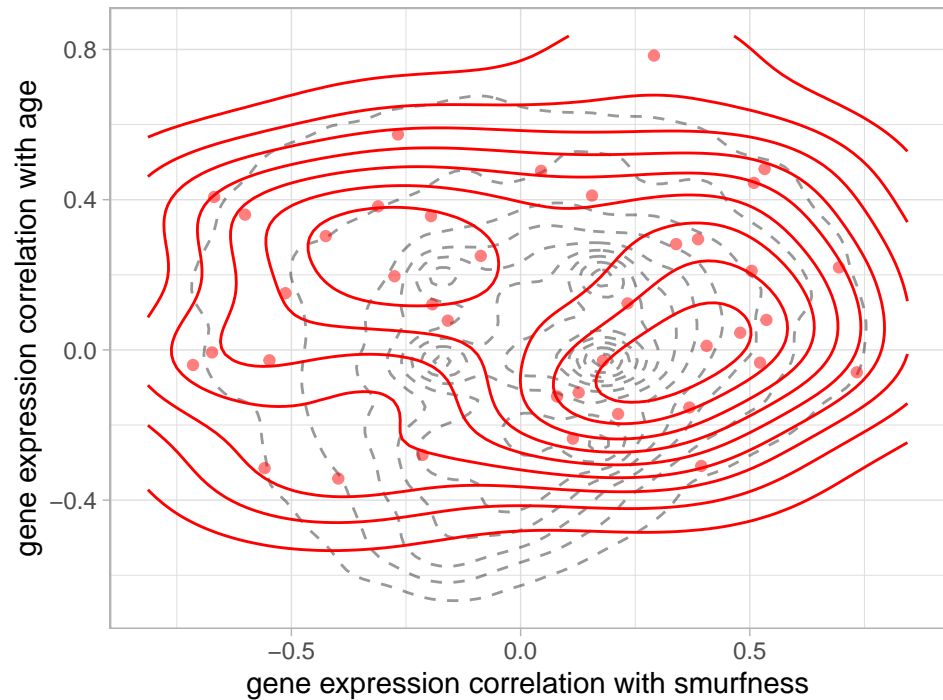
dme00780 Biotin metabolism



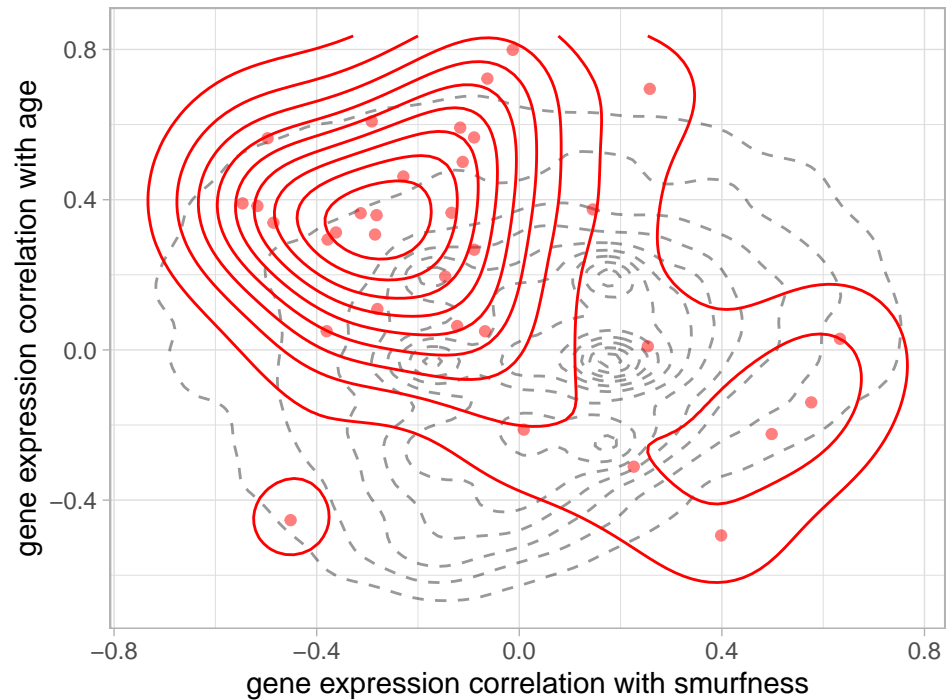
dme00785 Lipoic acid metabolism



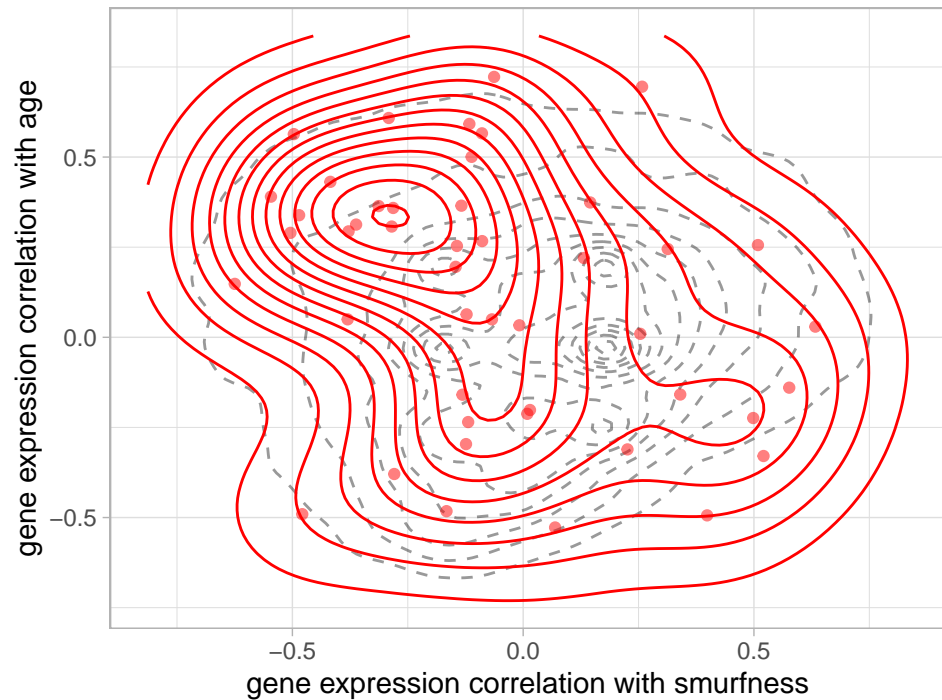
dme00790 Folate biosynthesis



dme00830 Retinol metabolism



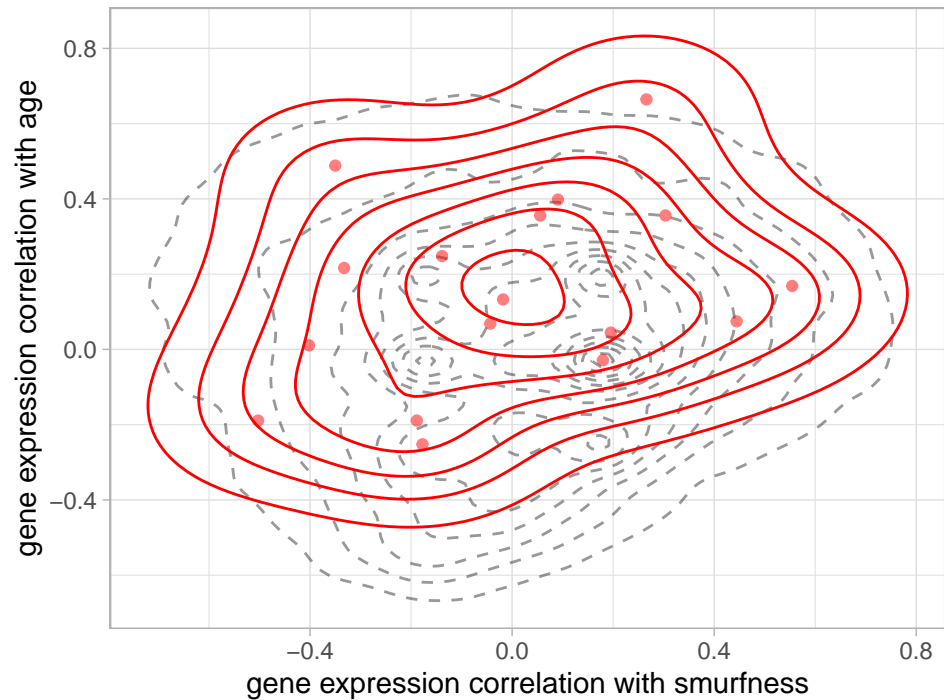
dme00860 Porphyrin and chlorophyll metabolism



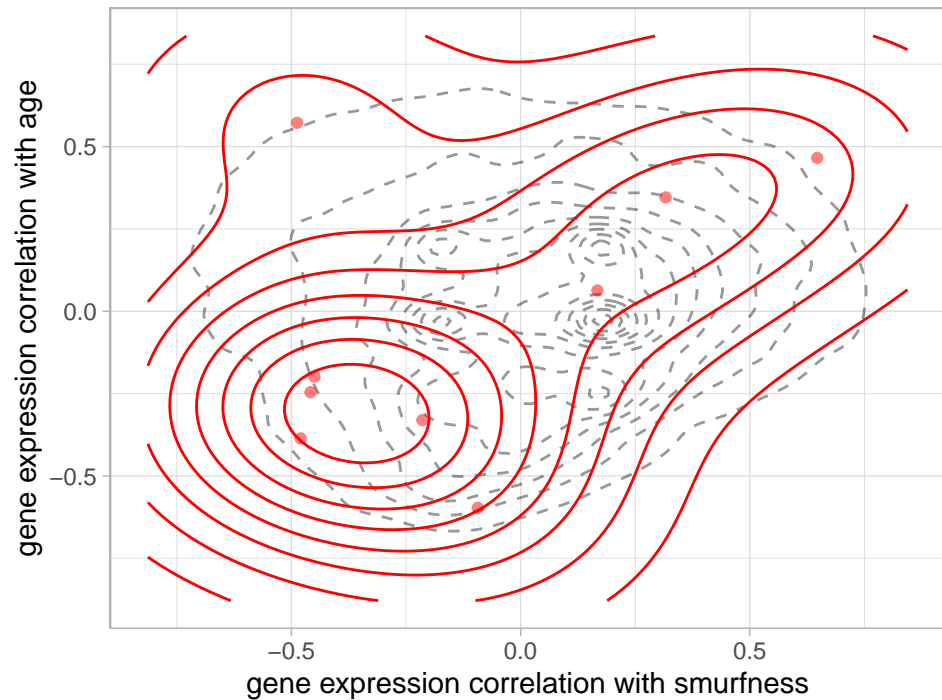
dme00900 Terpenoid backbone biosynthesis



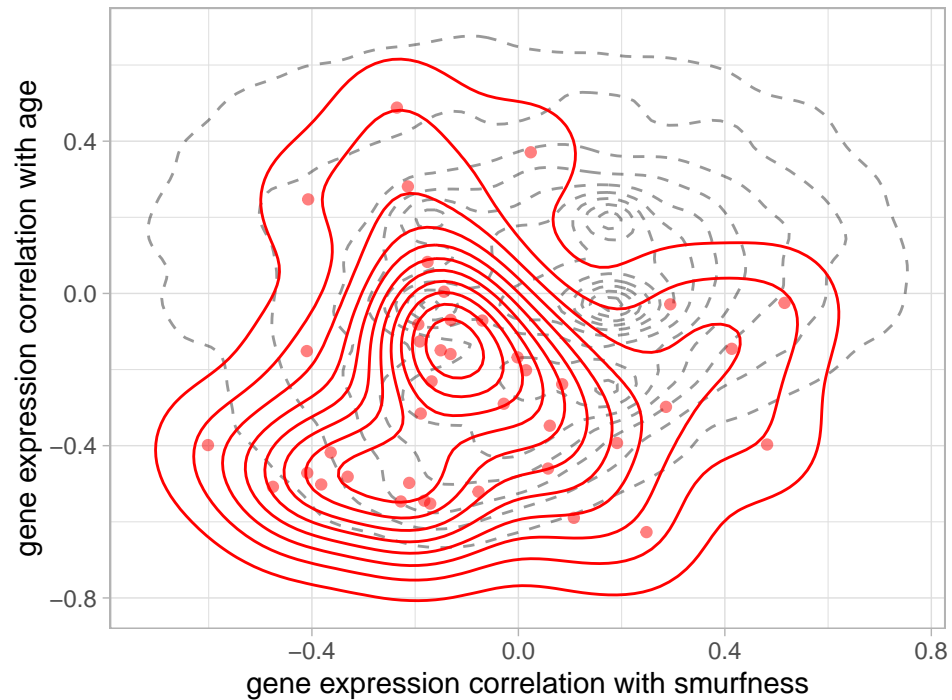
dme00910 Nitrogen metabolism



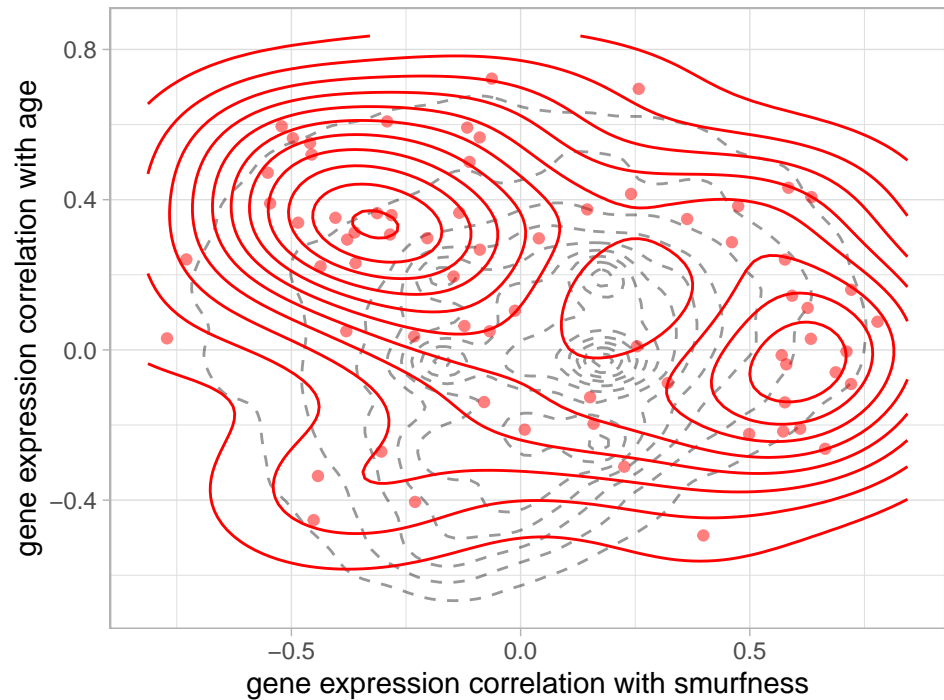
dme00920 Sulfur metabolism



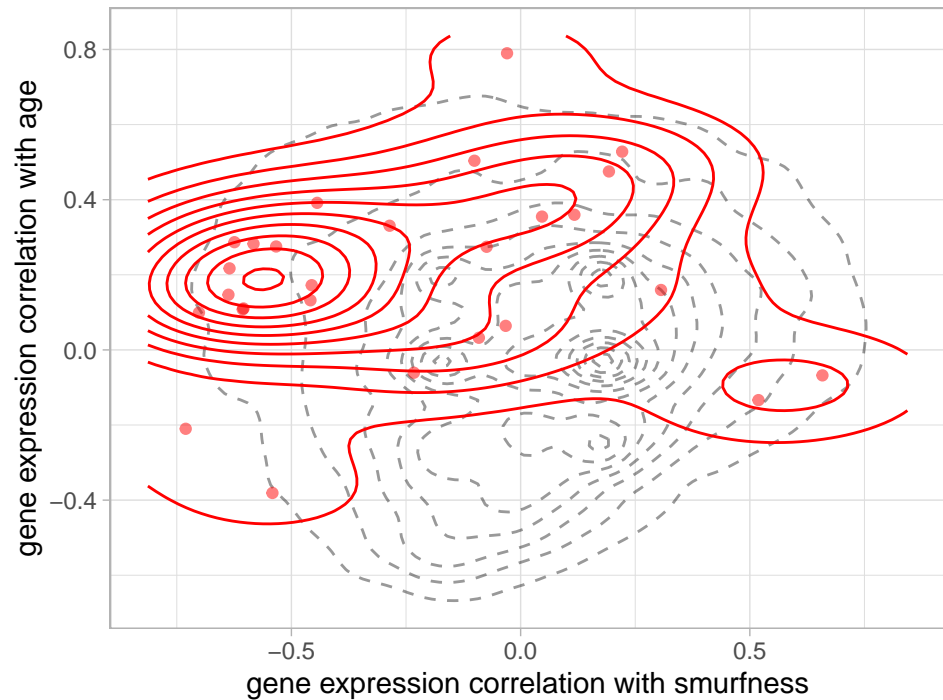
dme00970 Aminoacyl-tRNA biosynthesis



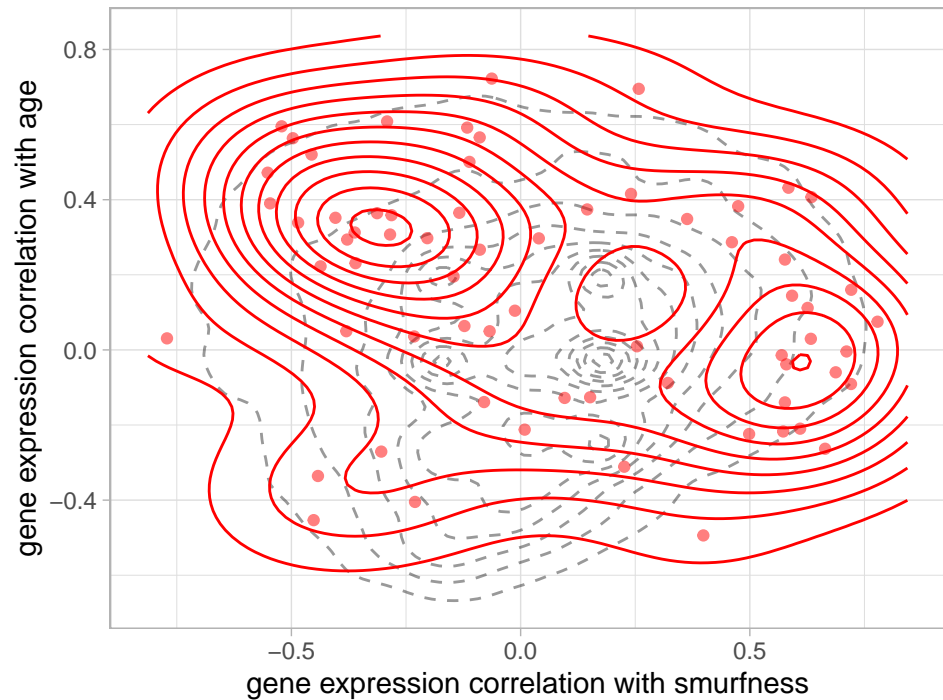
dme00980 Metabolism of xenobiotics by cytochrome P4



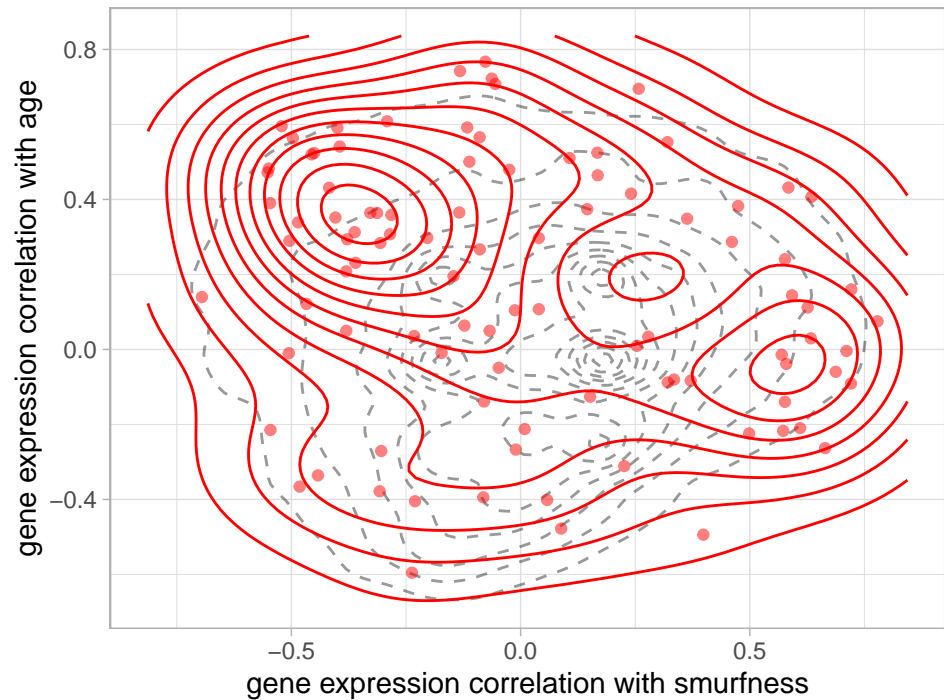
dme00981 Insect hormone biosynthesis



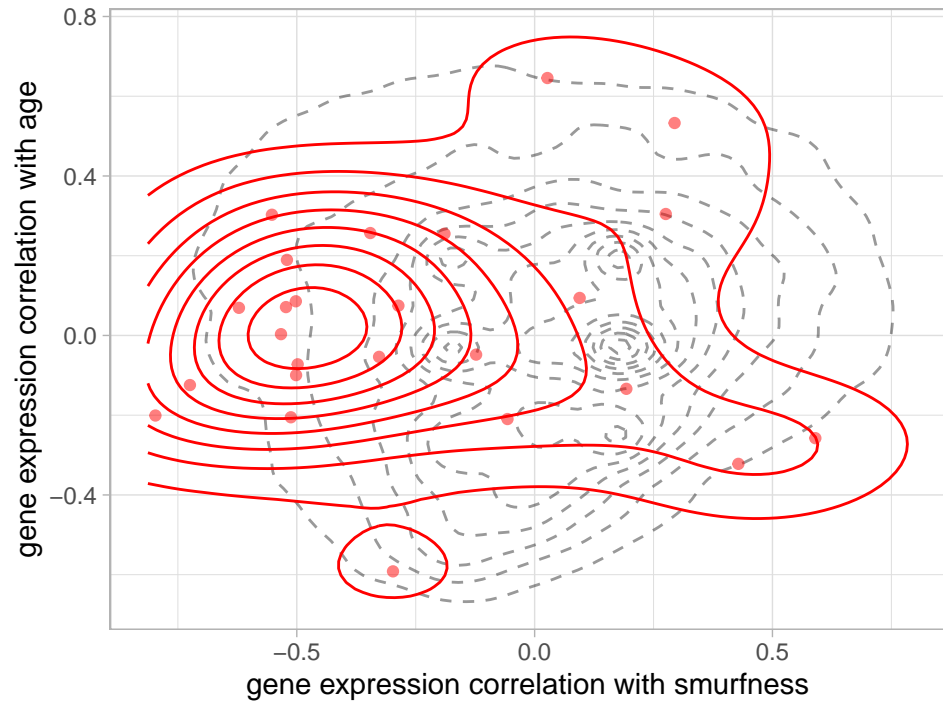
dme00982 Drug metabolism – cytochrome P450



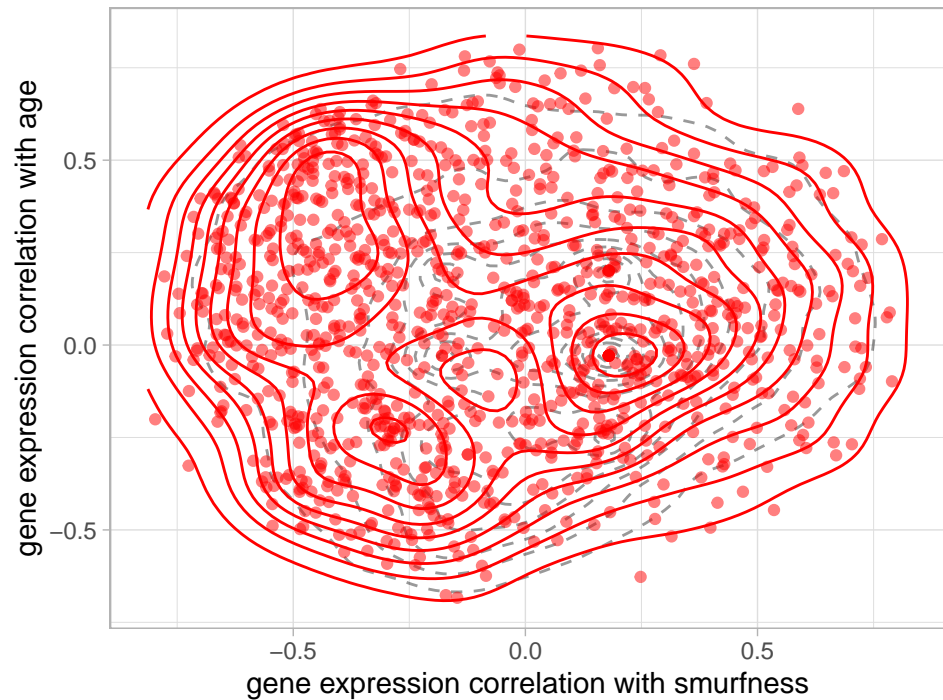
dme00983 Drug metabolism – other enzymes



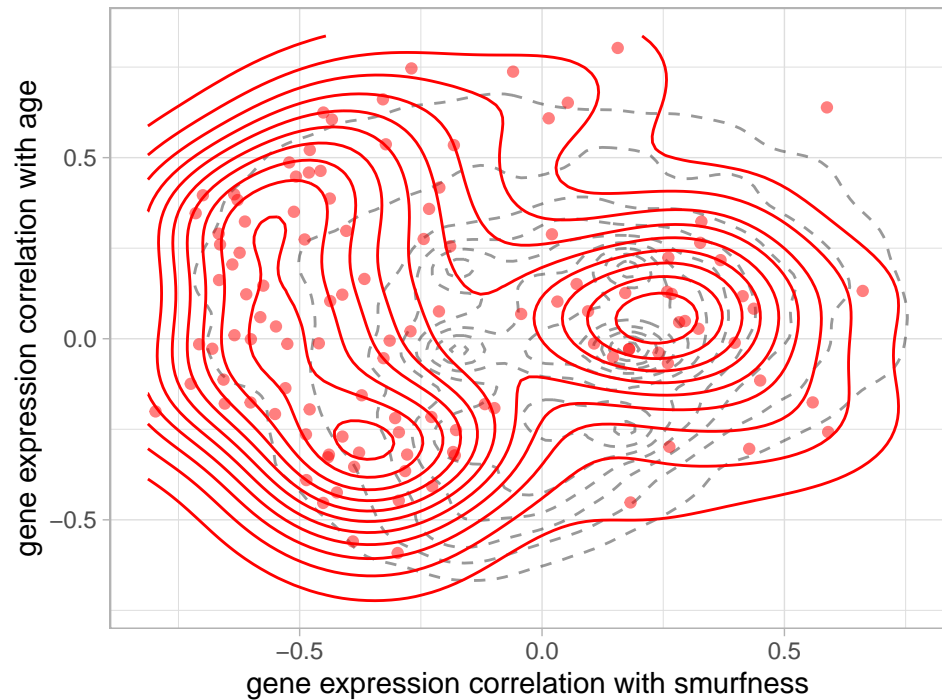
dme01040 Biosynthesis of unsaturated fatty acids



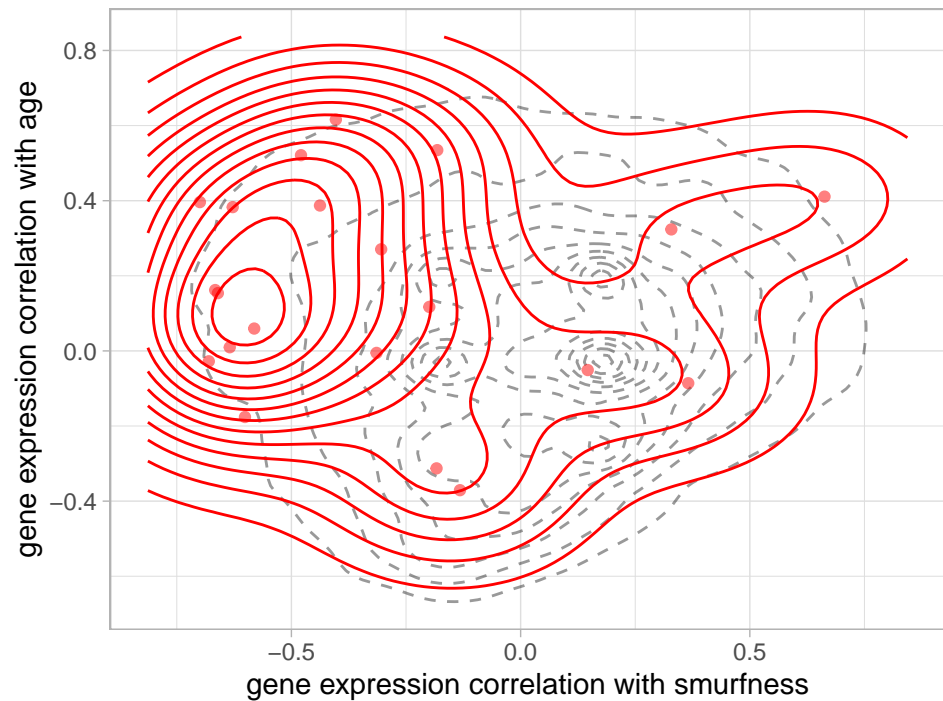
dme01100 Metabolic pathways



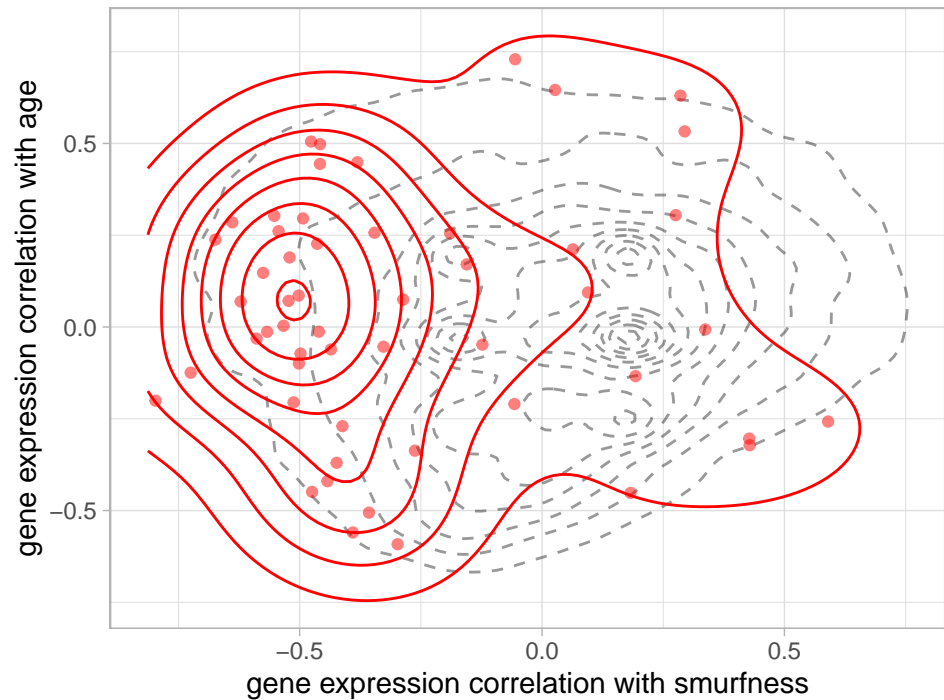
dme01200 Carbon metabolism



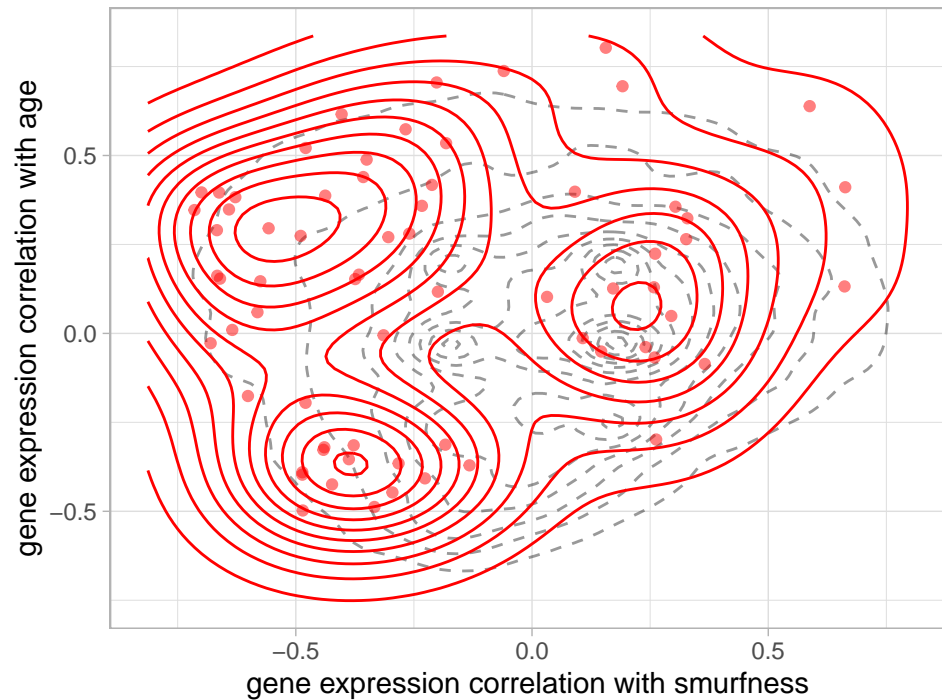
dme01210 2-Oxocarboxylic acid metabolism



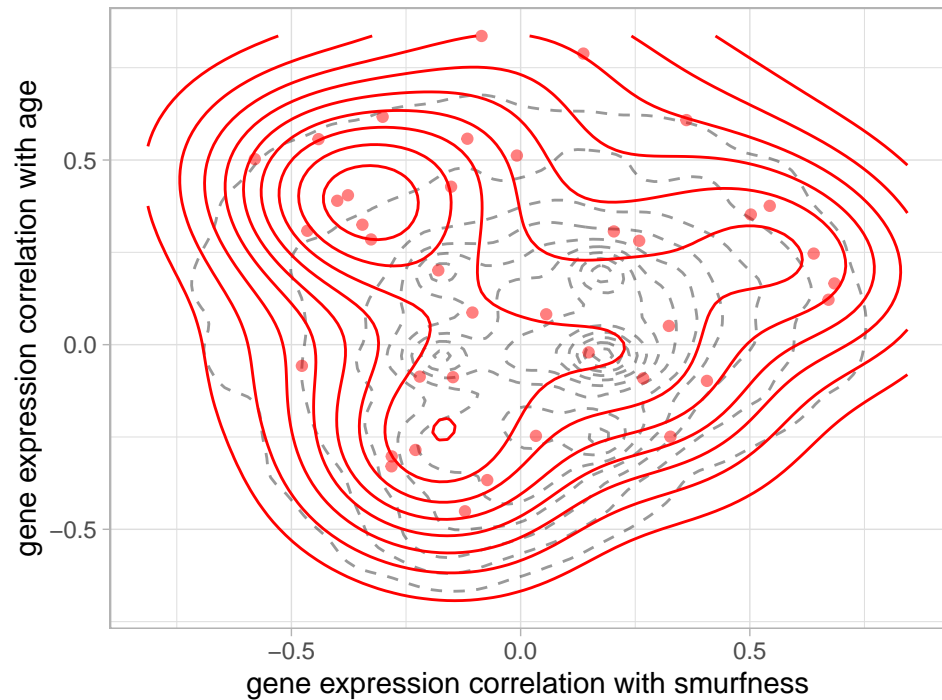
dme01212 Fatty acid metabolism



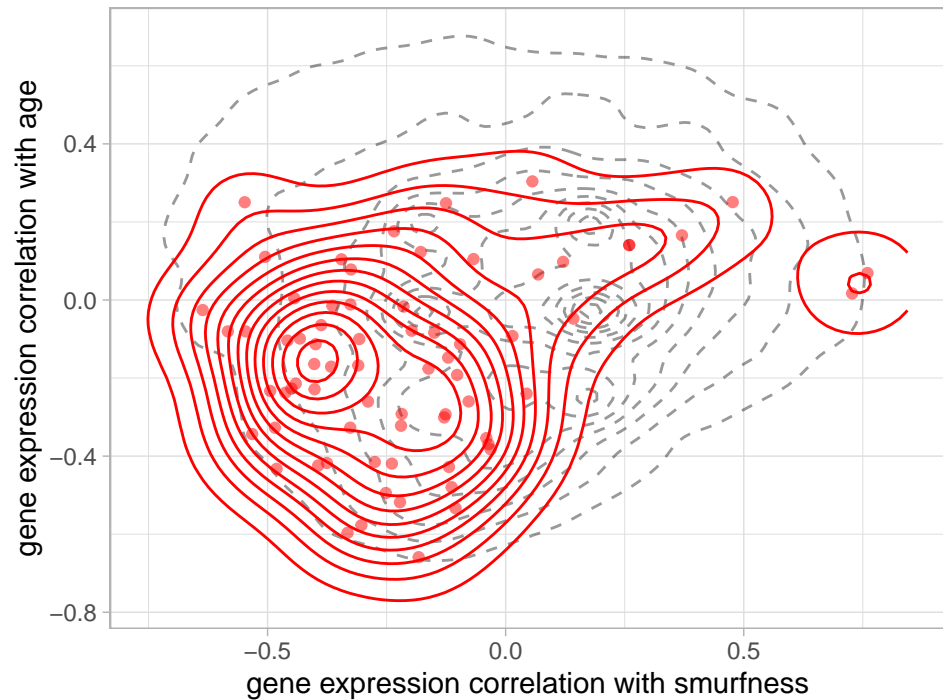
dme01230 Biosynthesis of amino acids



dme02010 ABC transporters



dme03008 Ribosome biogenesis in eukaryotes



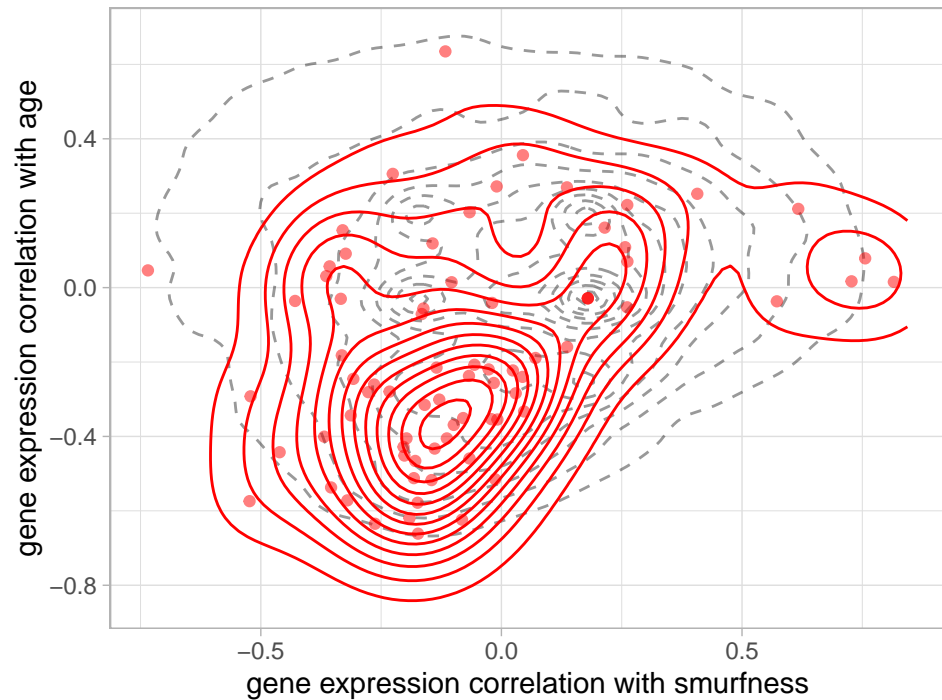
dme03010 Ribosome



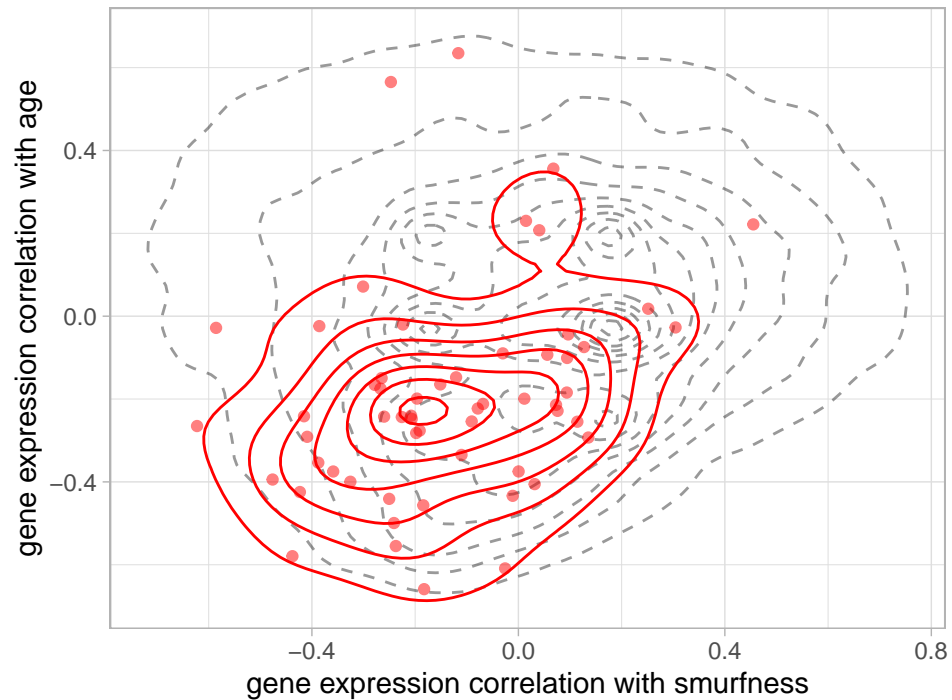
dme03013 RNA transport



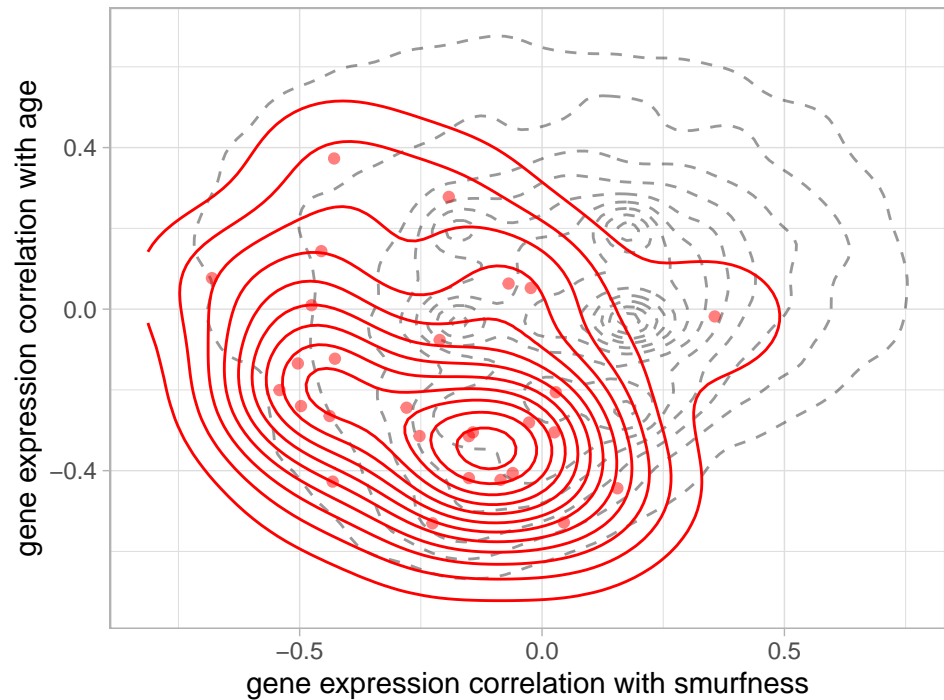
dme03015 mRNA surveillance pathway



dme03018 RNA degradation



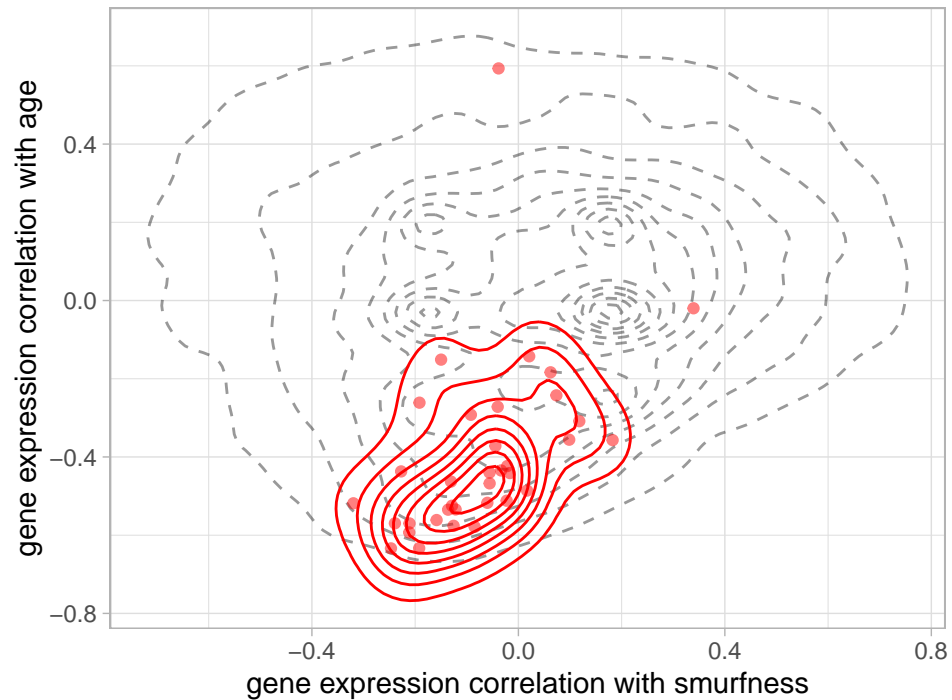
dme03020 RNA polymerase



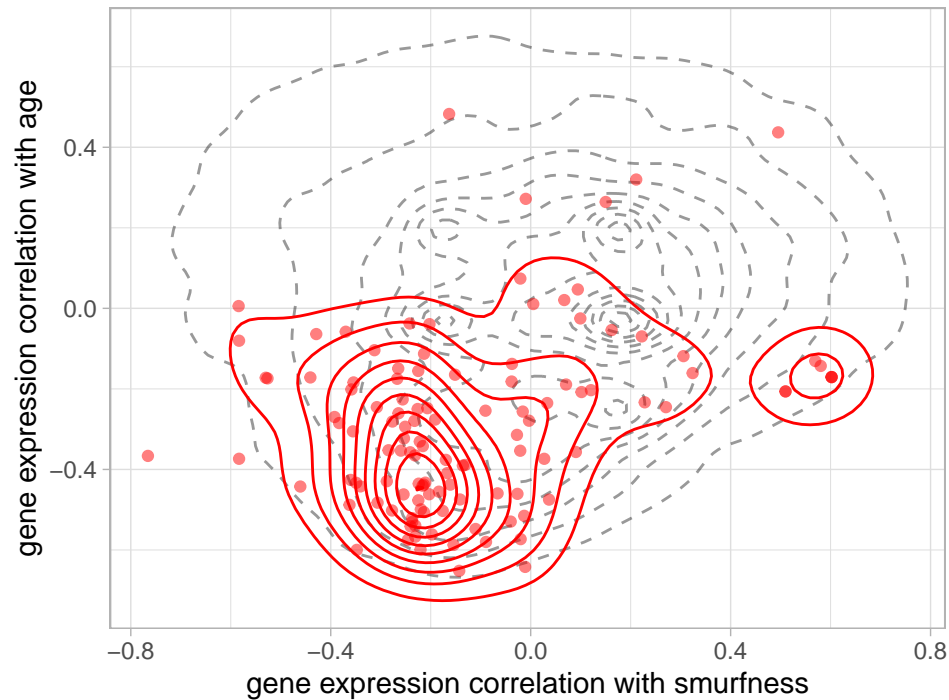
dme03022 Basal transcription factors



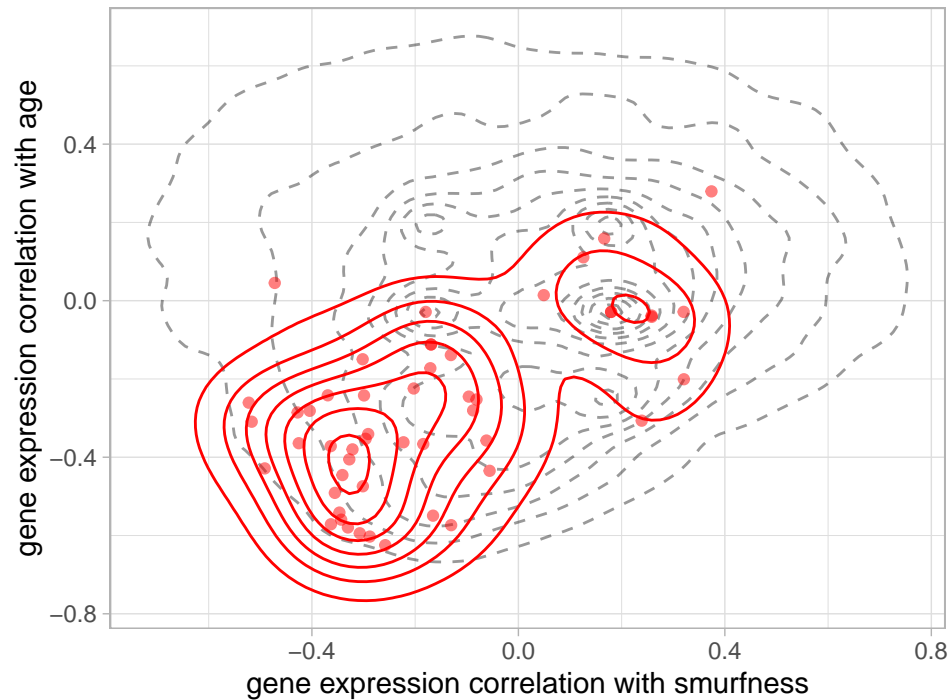
dme03030 DNA replication



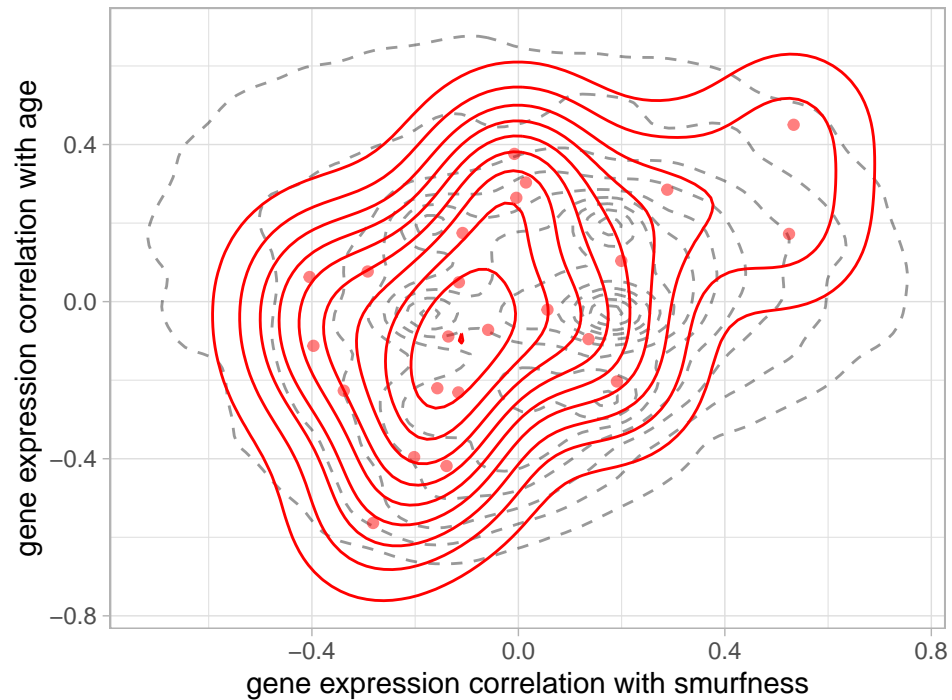
dme03040 Spliceosome



dme03050 Proteasome



dme03060 Protein export



dme03410 Base excision repair



dme03420 Nucleotide excision repair



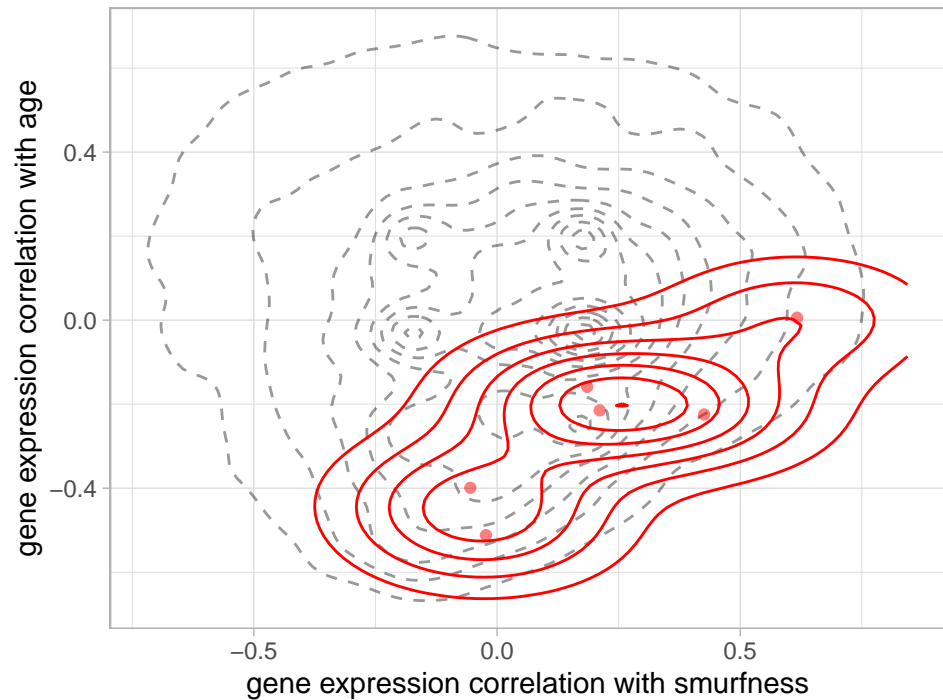
dme03430 Mismatch repair



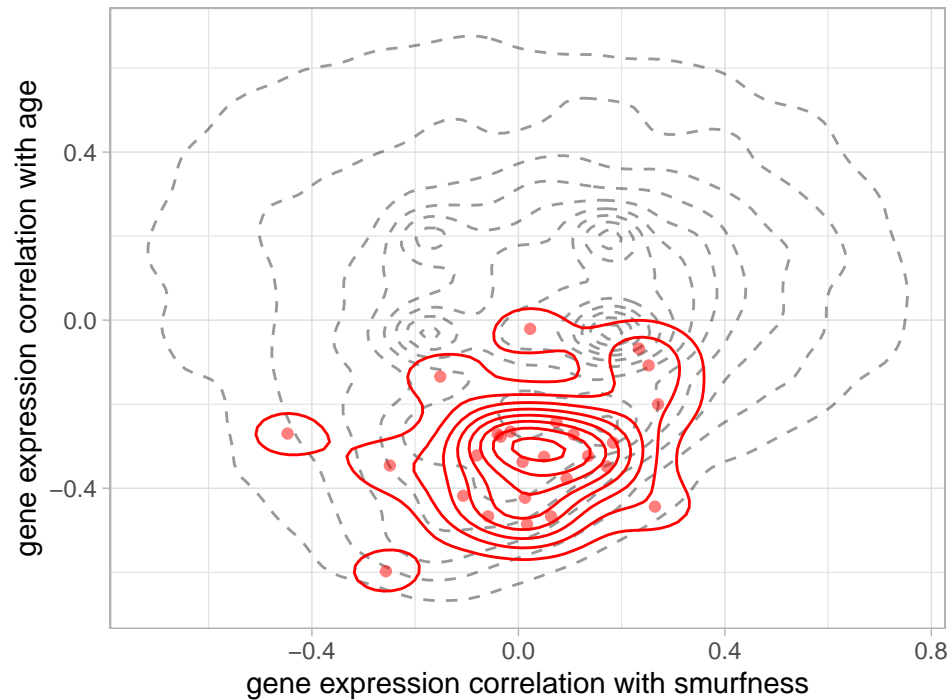
dme03440 Homologous recombination



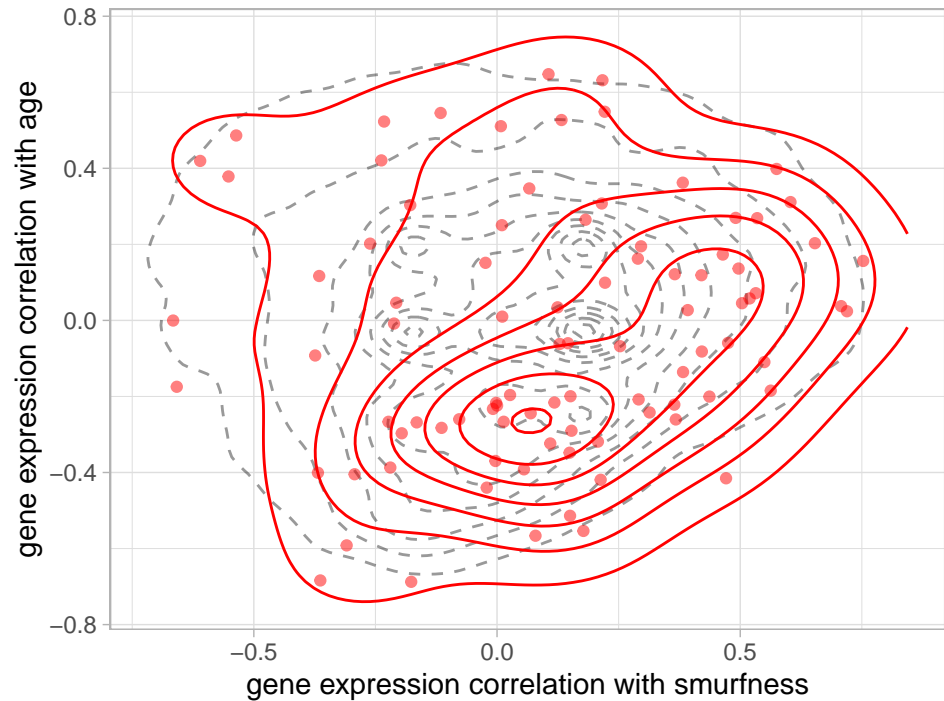
dme03450 Non-homologous end-joining



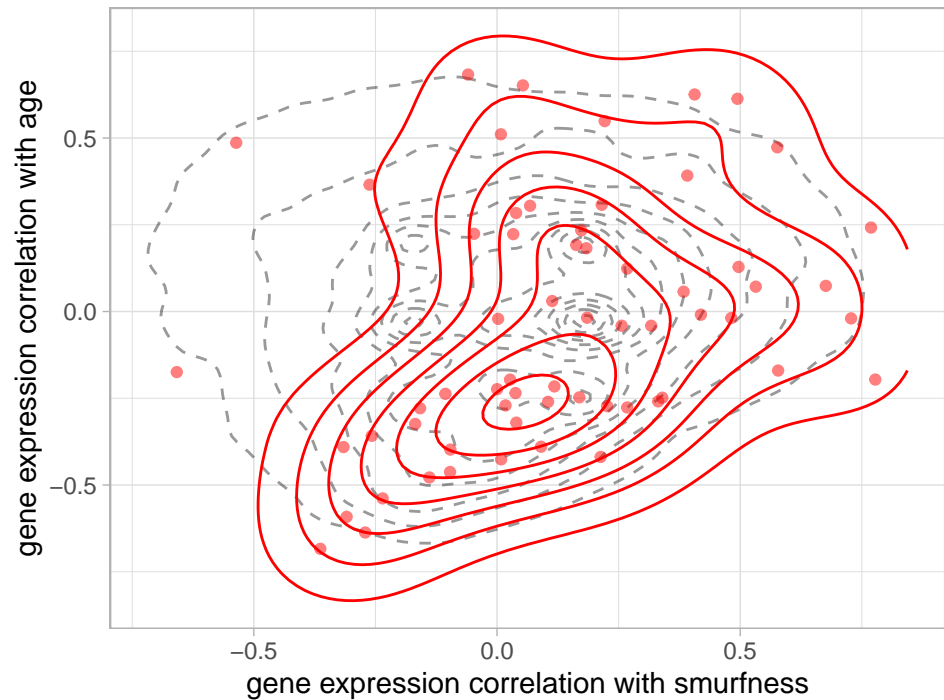
dme03460 Fanconi anemia pathway



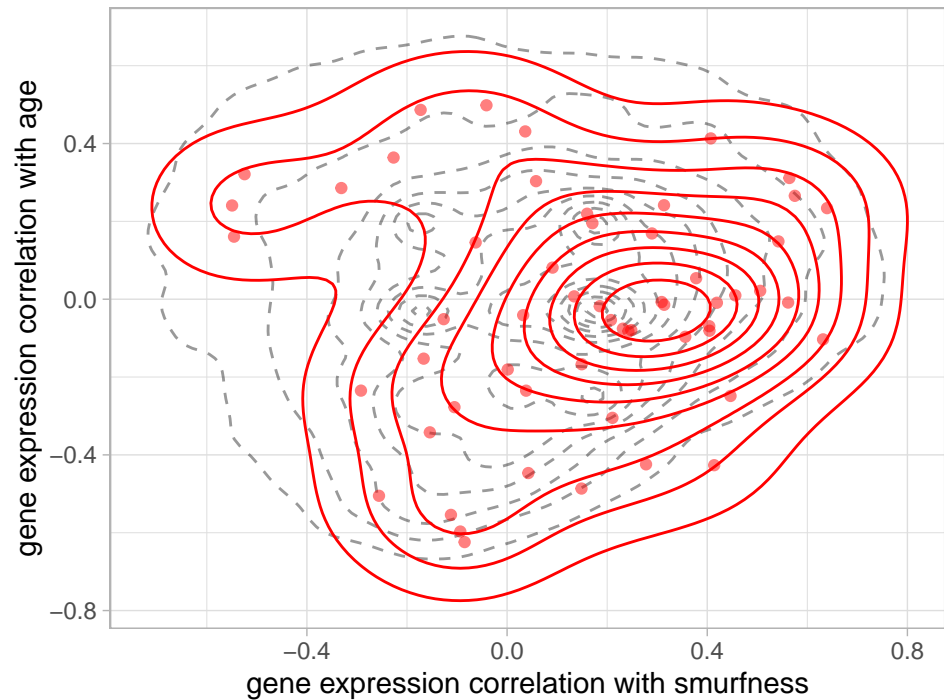
dme04013 MAPK signaling pathway – fly



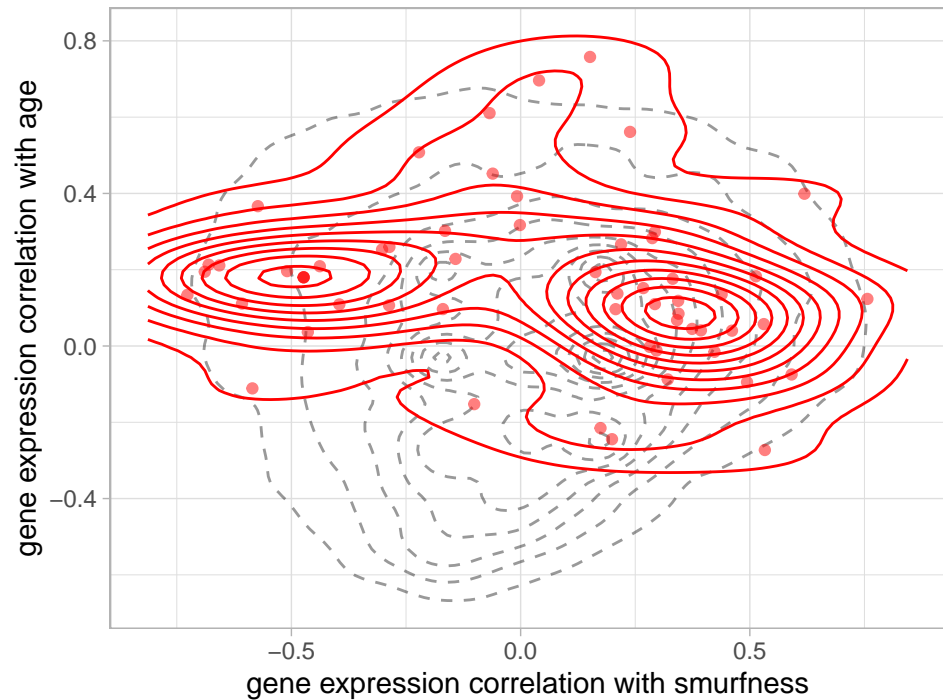
dme04068 FoxO signaling pathway



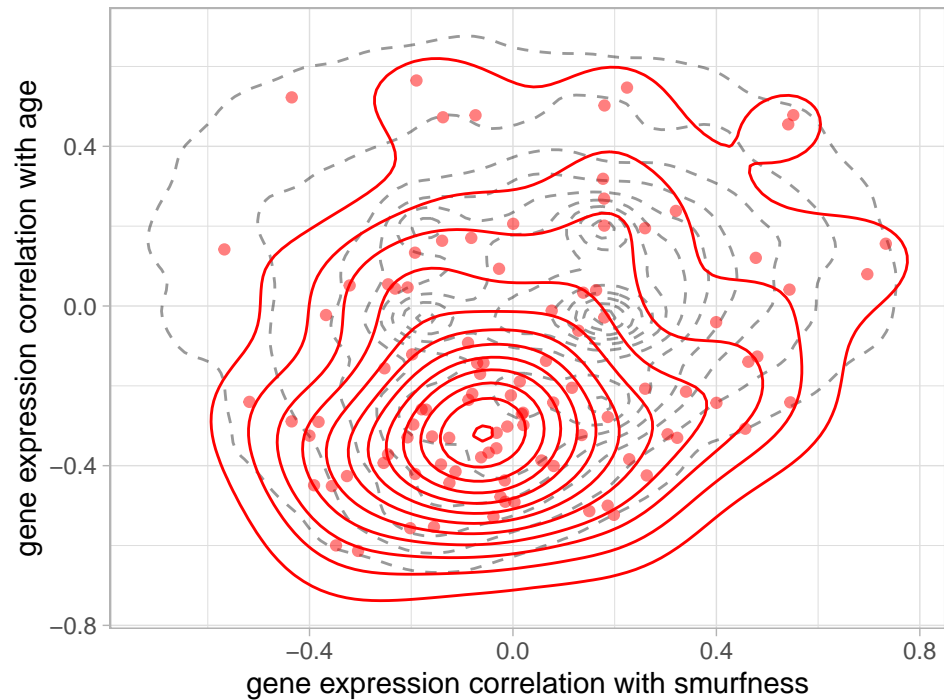
dme04070 Phosphatidylinositol signaling system



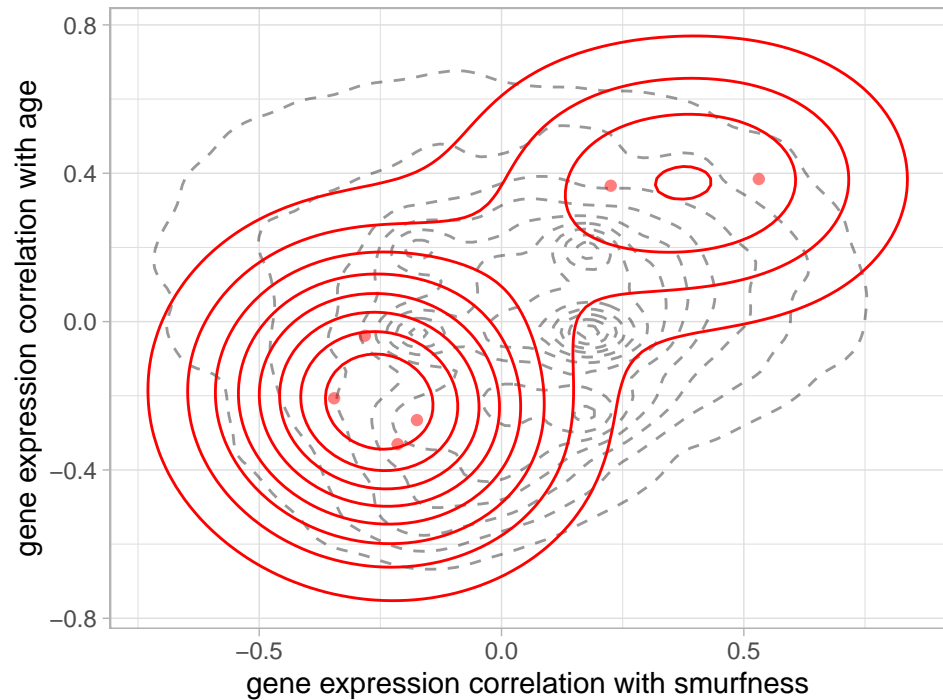
dme04080 Neuroactive ligand–receptor interaction



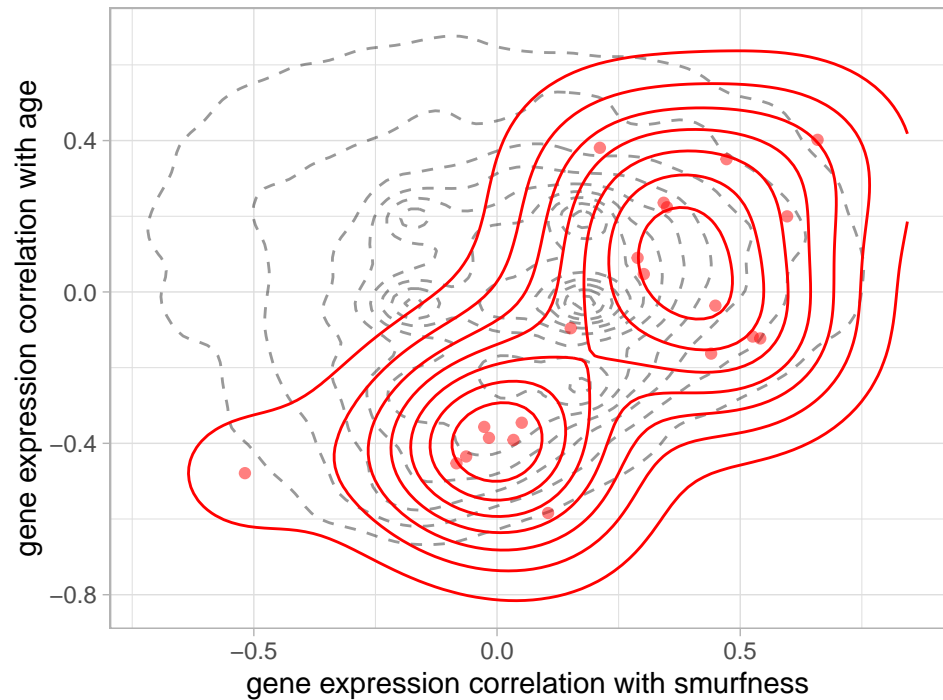
dme04120 Ubiquitin mediated proteolysis



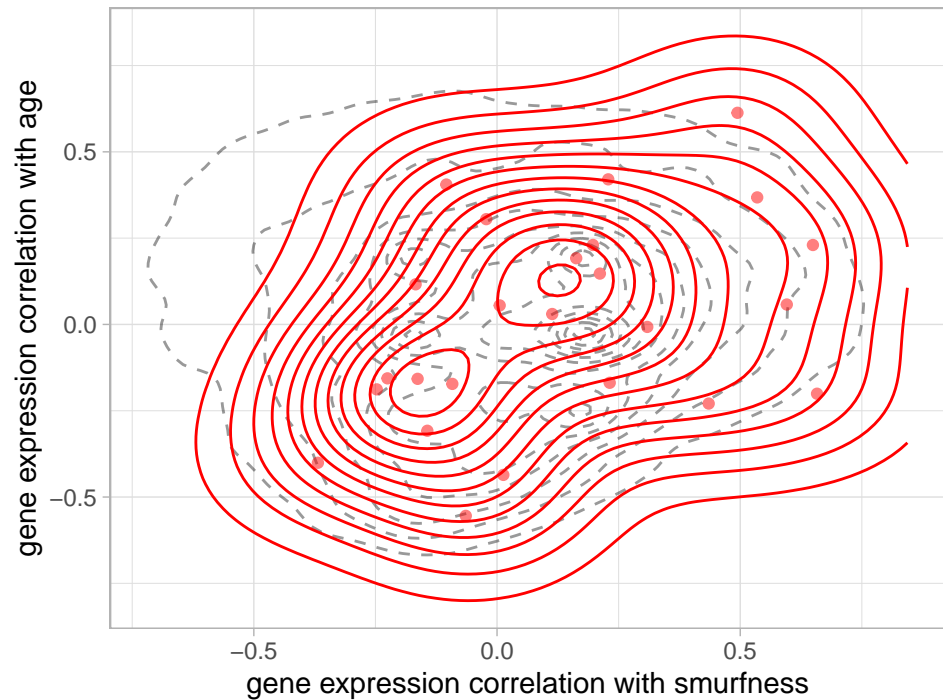
dme04122 Sulfur relay system



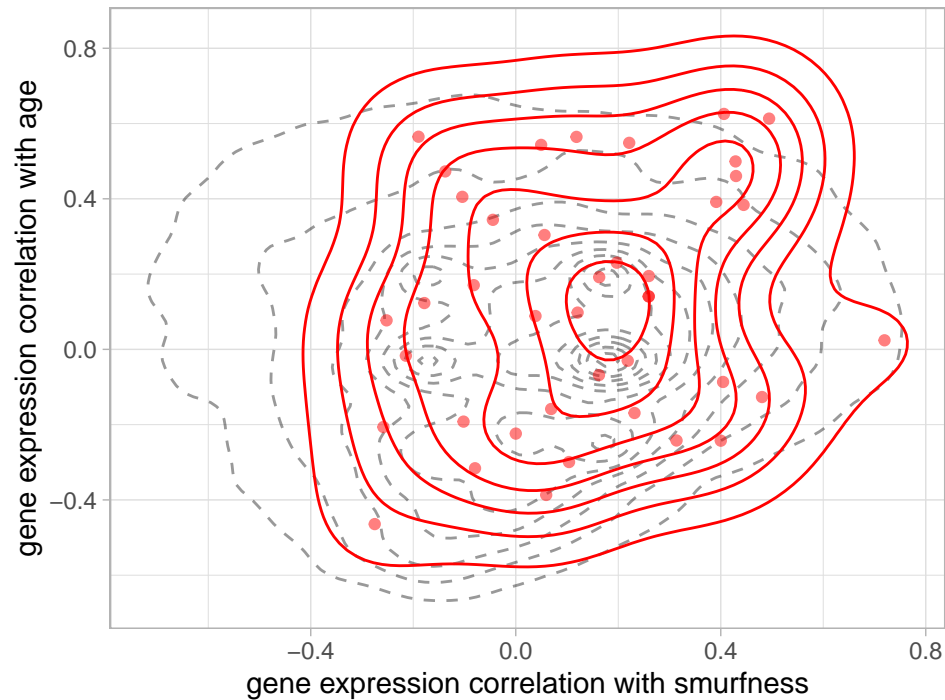
dme04130 SNARE interactions in vesicular transport



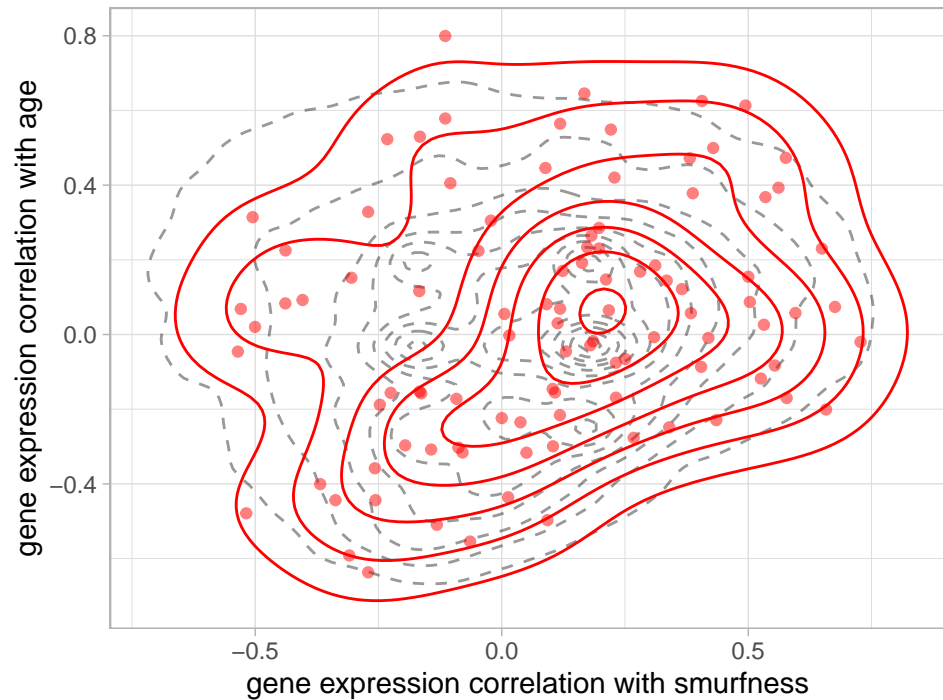
dme04136 Autophagy – other



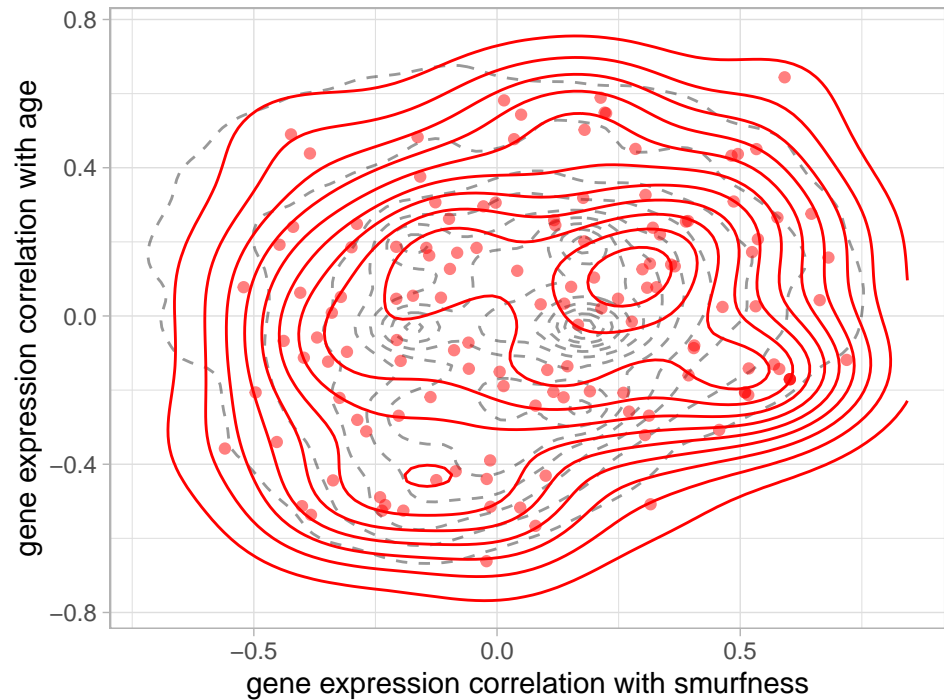
dme04137 Mitophagy – animal



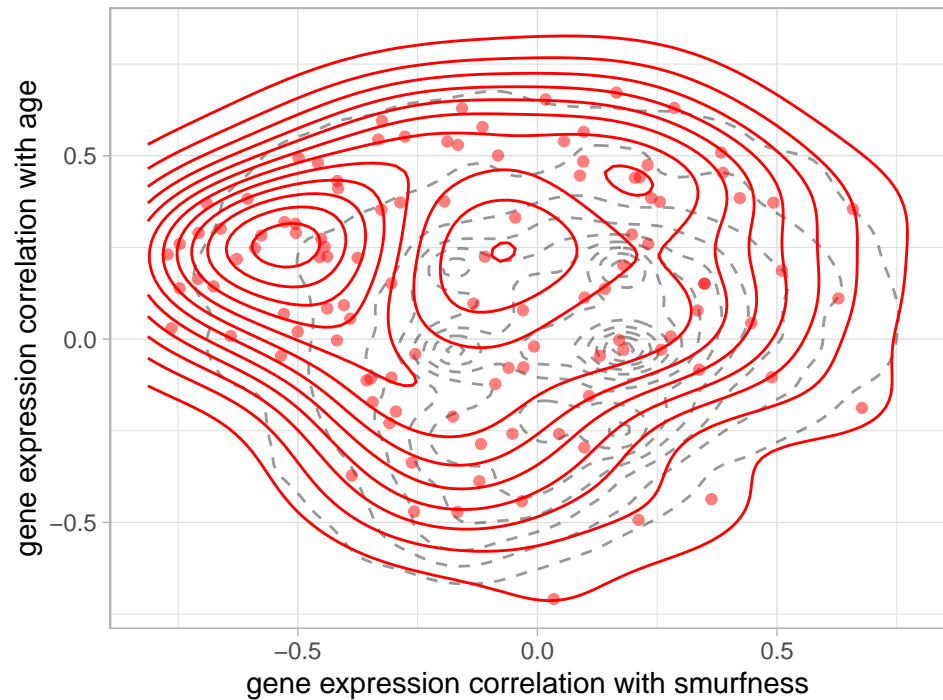
dme04140 Autophagy – animal



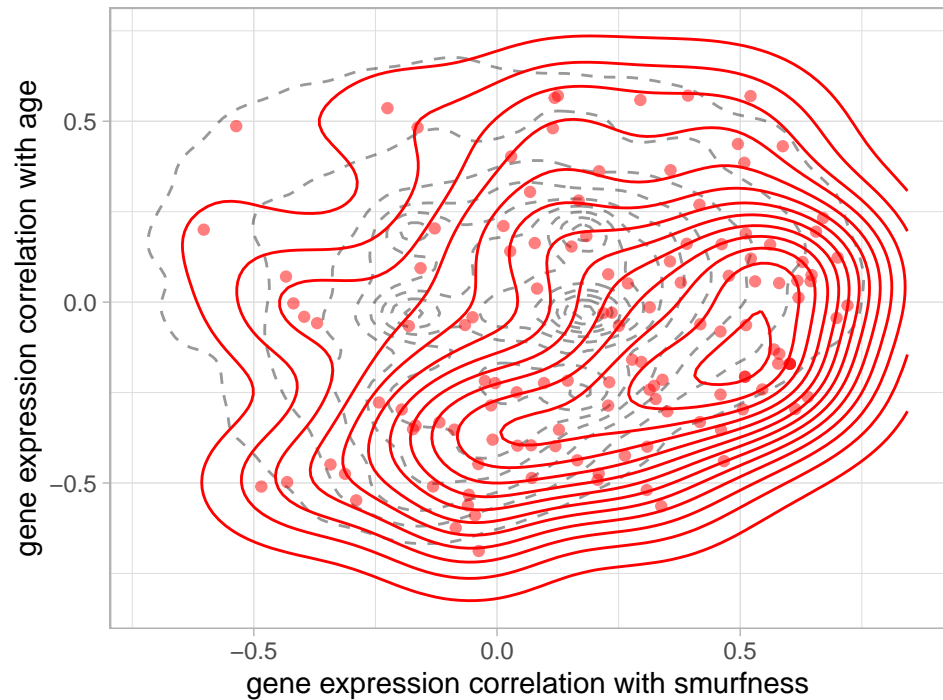
dme04141 Protein processing in endoplasmic reticulum



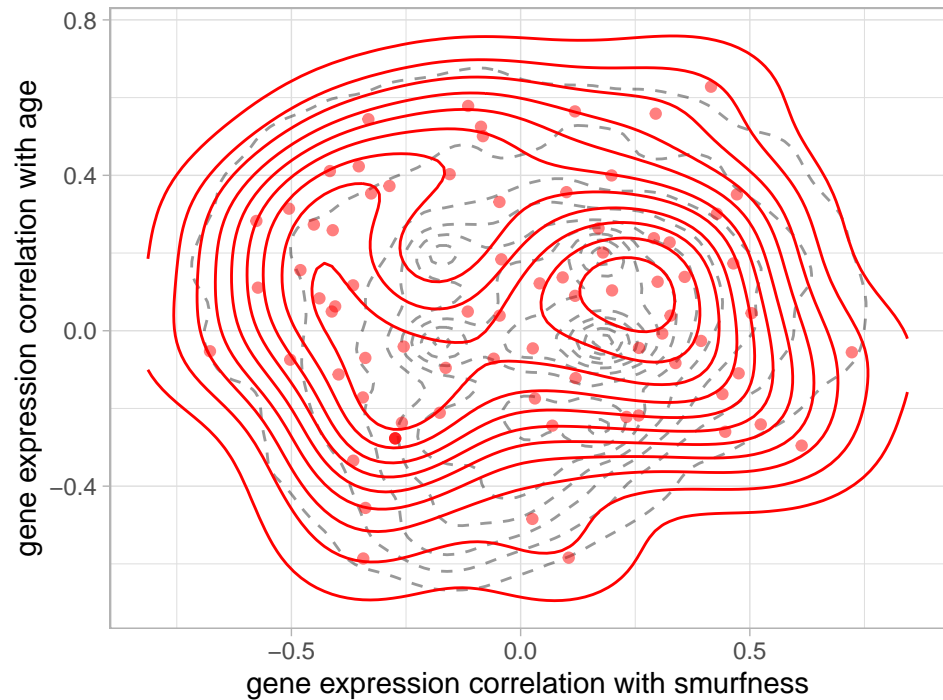
dme04142 Lysosome



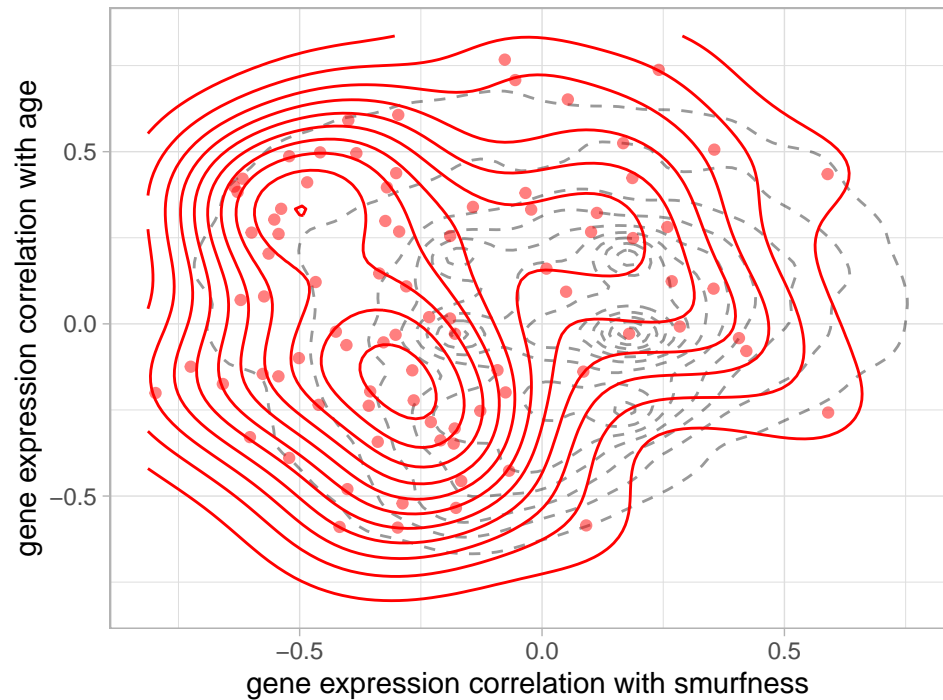
dme04144 Endocytosis



dme04145 Phagosome



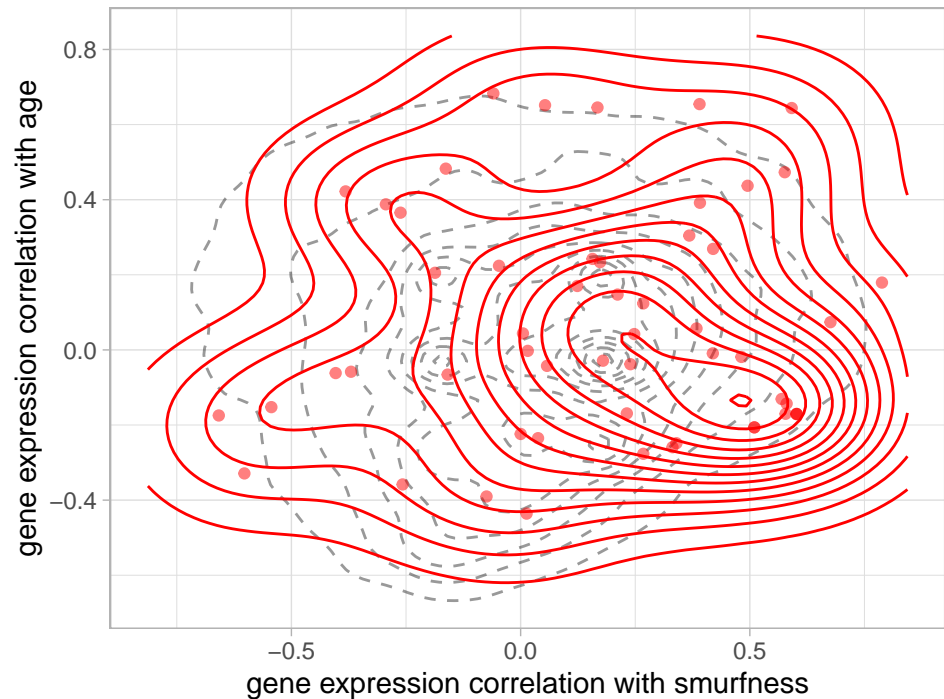
dme04146 Peroxisome



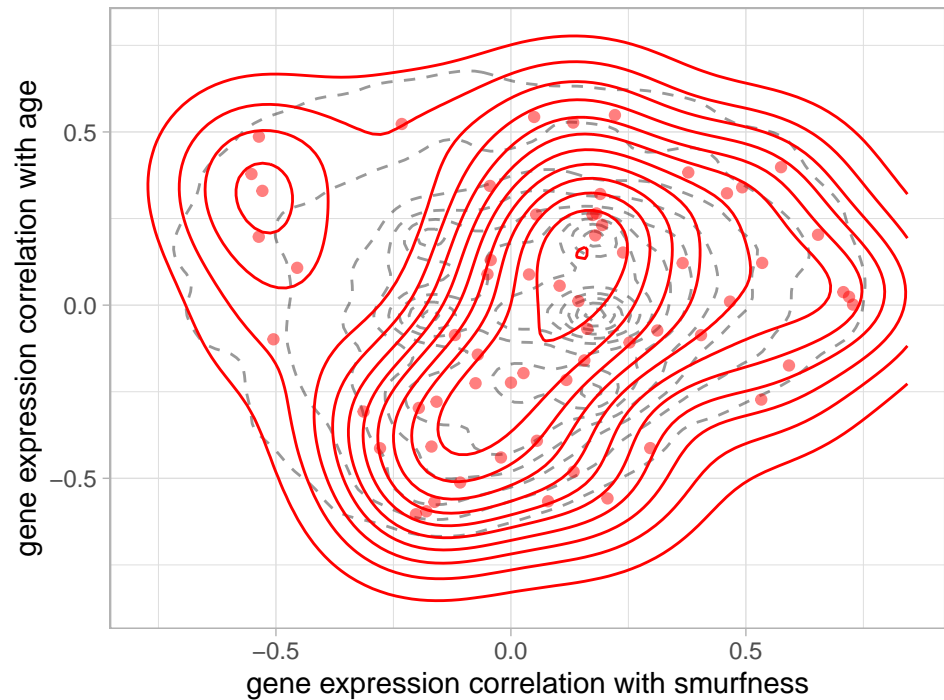
dme04150 mTOR signaling pathway



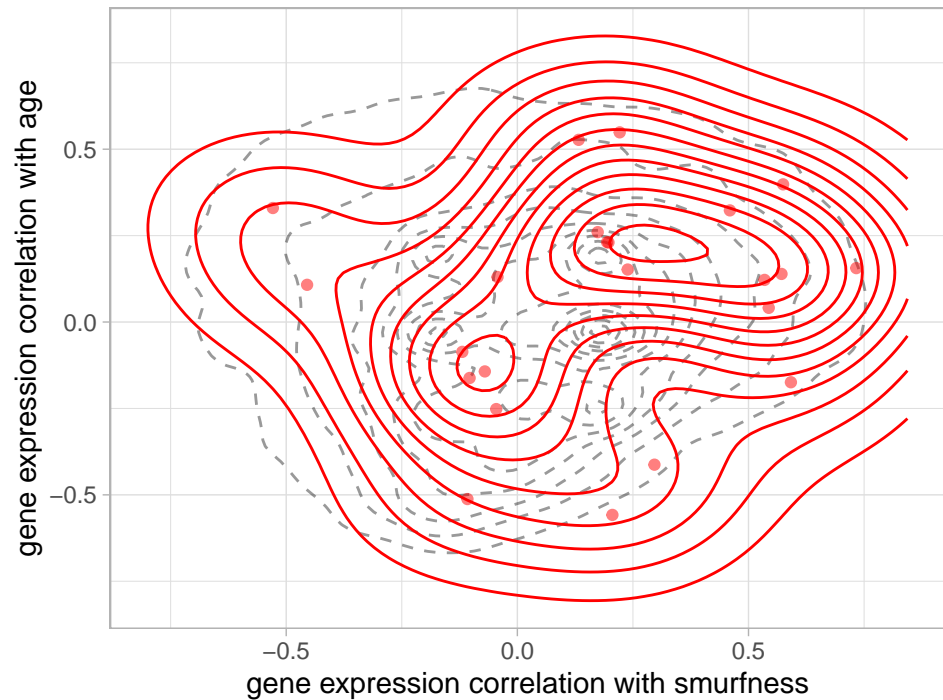
dme04213 Longevity regulating pathway – multiple spec



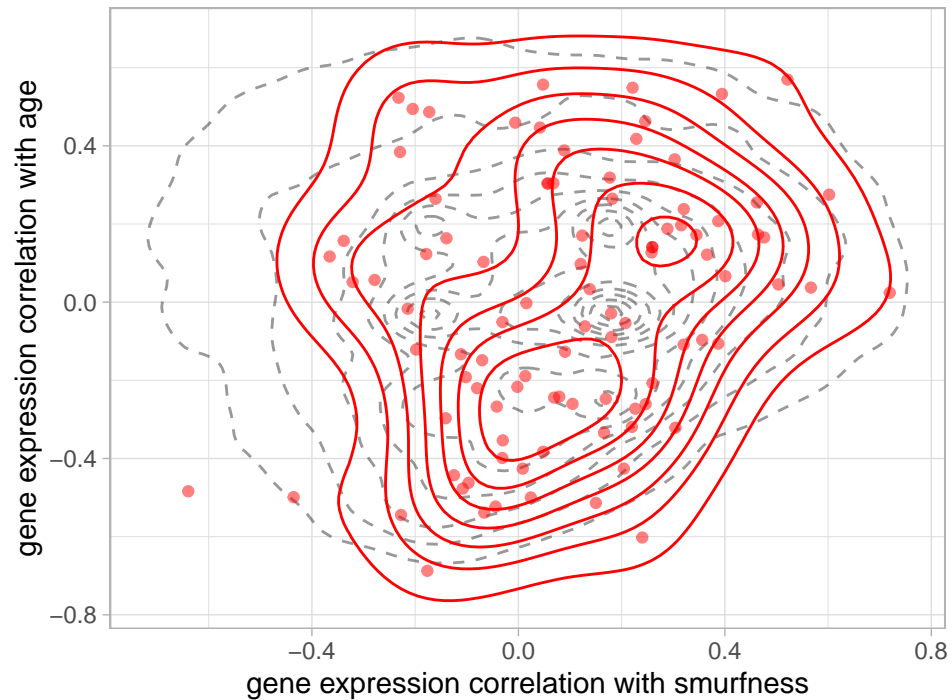
dme04214 Apoptosis – fly



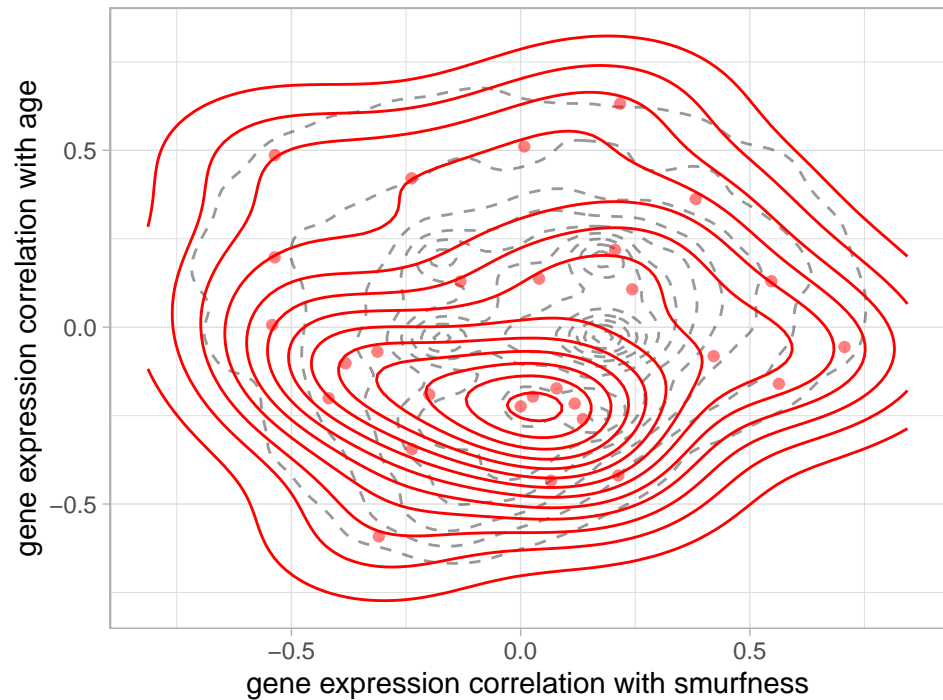
dme04215 Apoptosis – multiple species



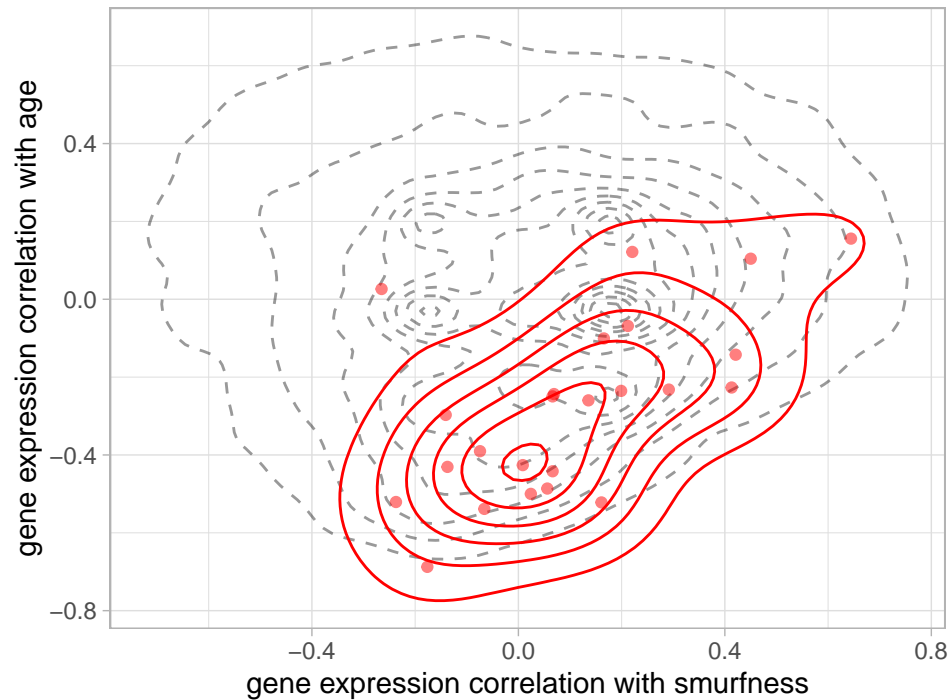
dme04310 Wnt signaling pathway



dme04320 Dorso-ventral axis formation



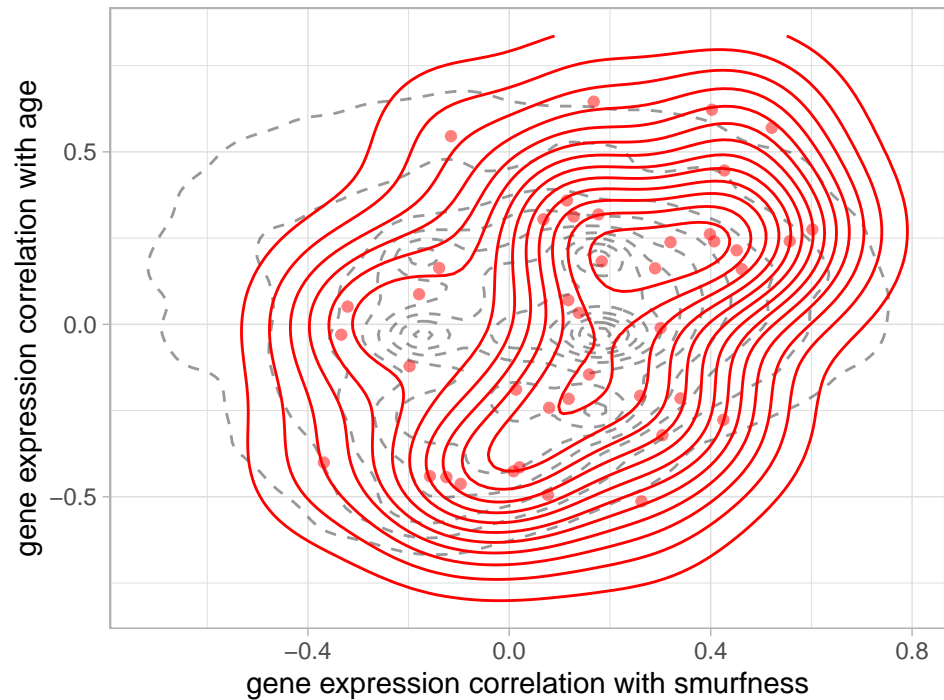
dme04330 Notch signaling pathway



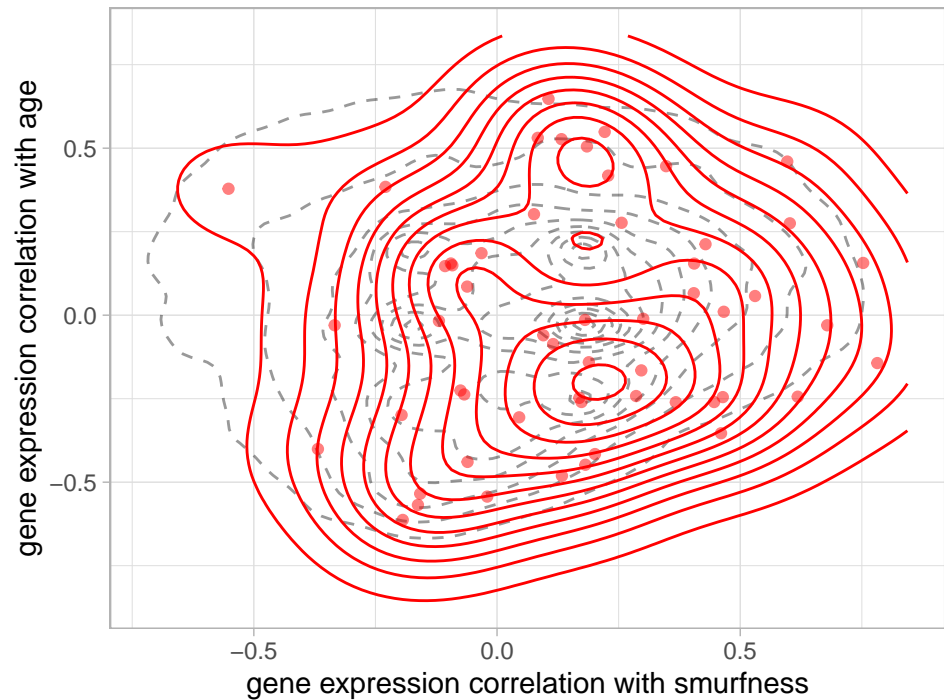
dme04341 Hedgehog signaling pathway – fly



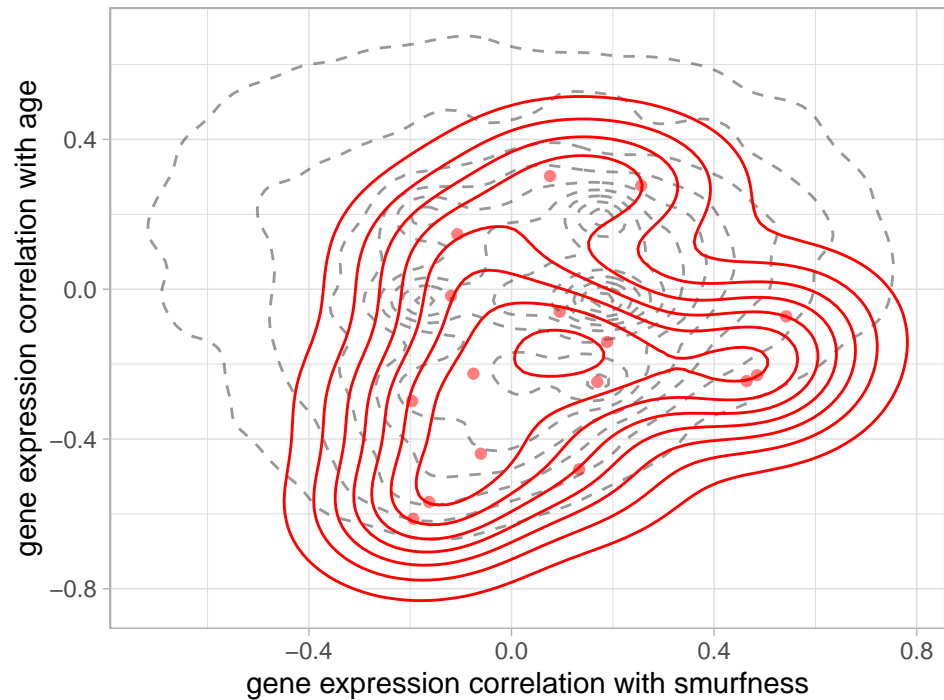
dme04350 TGF-beta signaling pathway



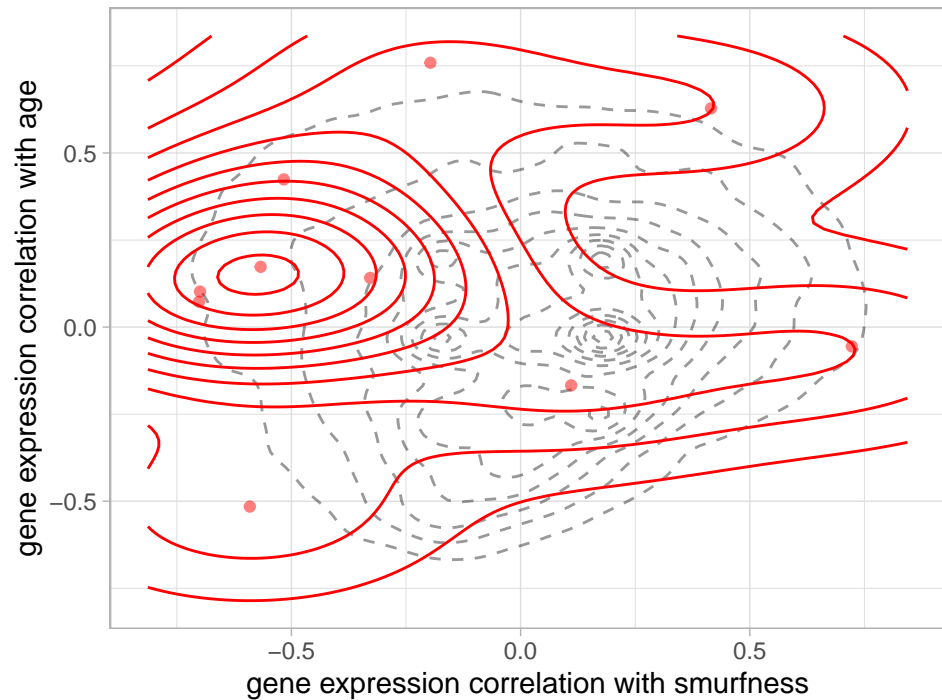
dme04391 Hippo signaling pathway – fly



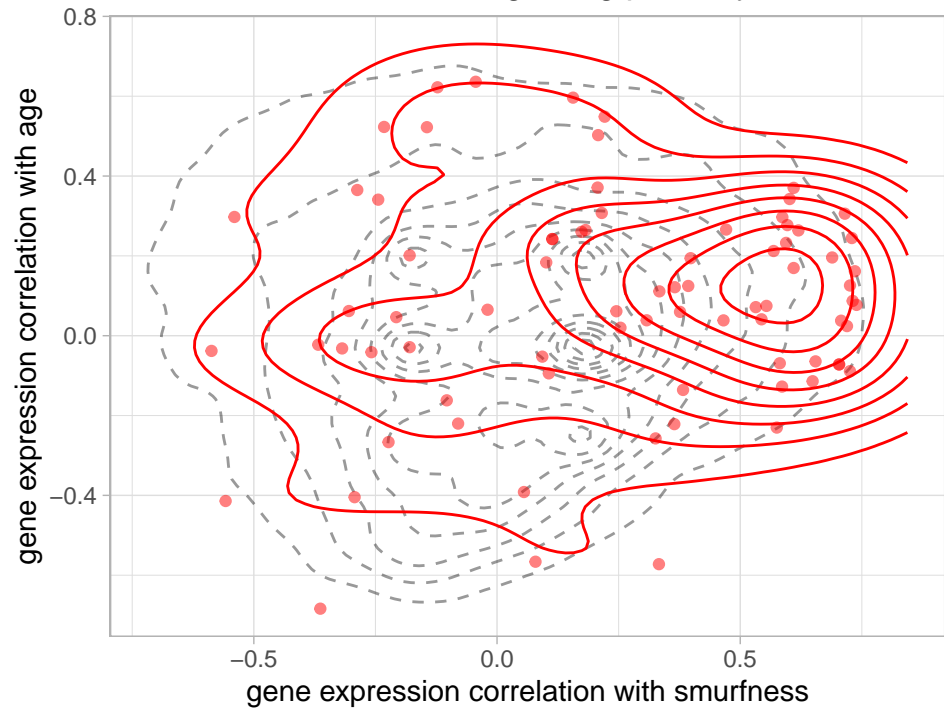
dme04392 Hippo signaling pathway –multiple species



dme04512 ECM-receptor interaction



dme04624 Toll and Imd signaling pathway



dme04711 Circadian rhythm – fly



dme04745 Phototransduction – fly

