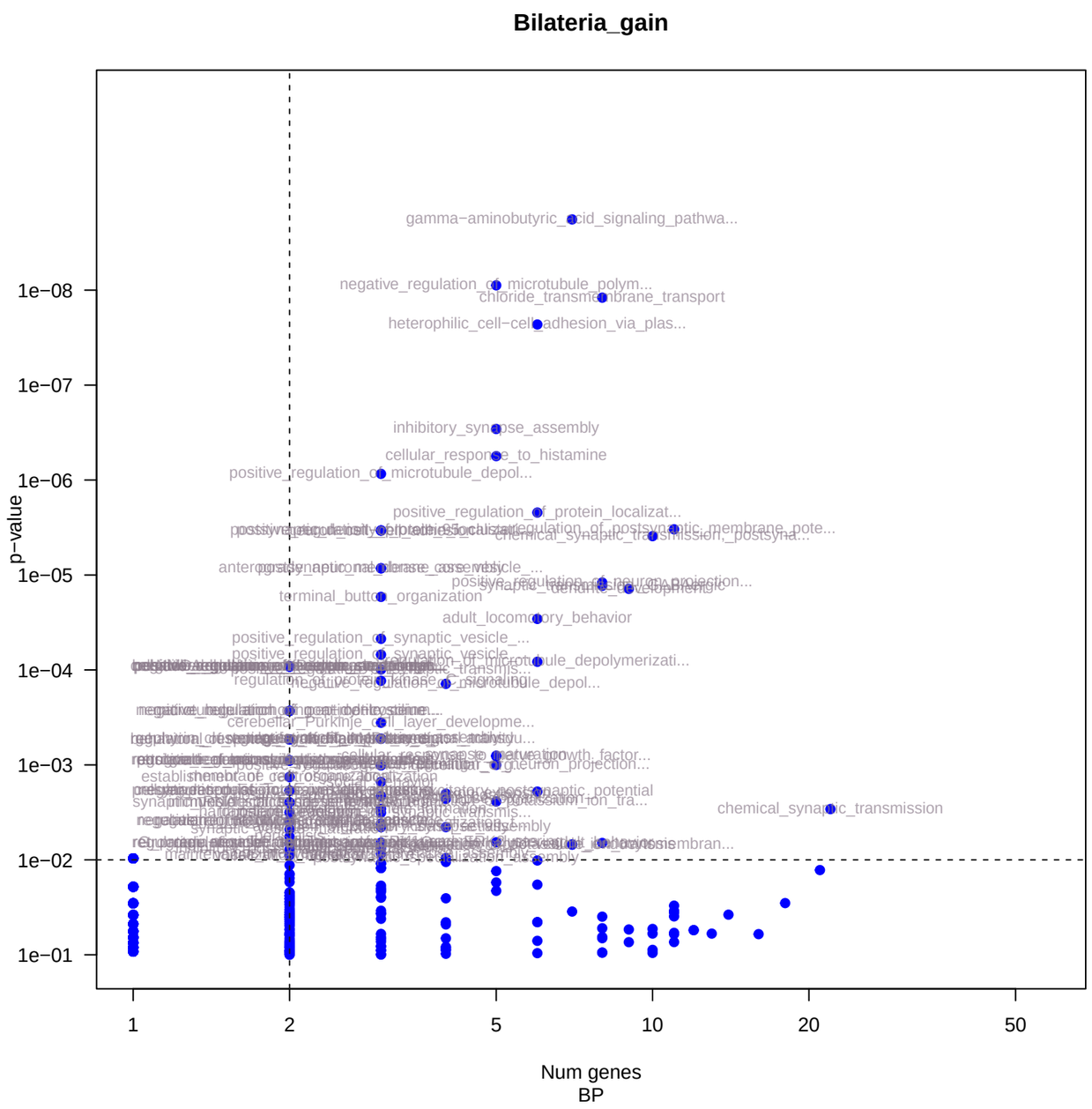
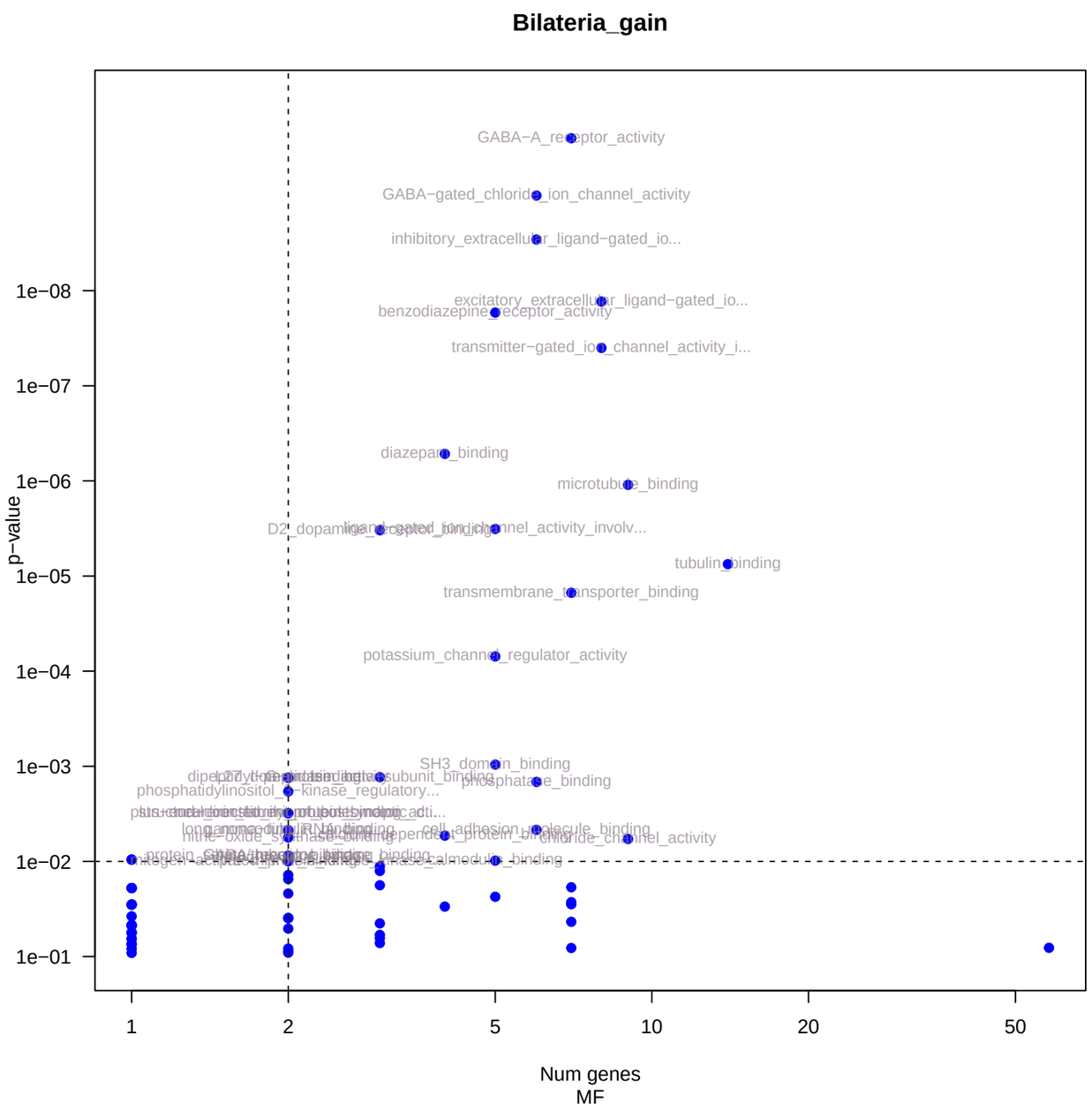
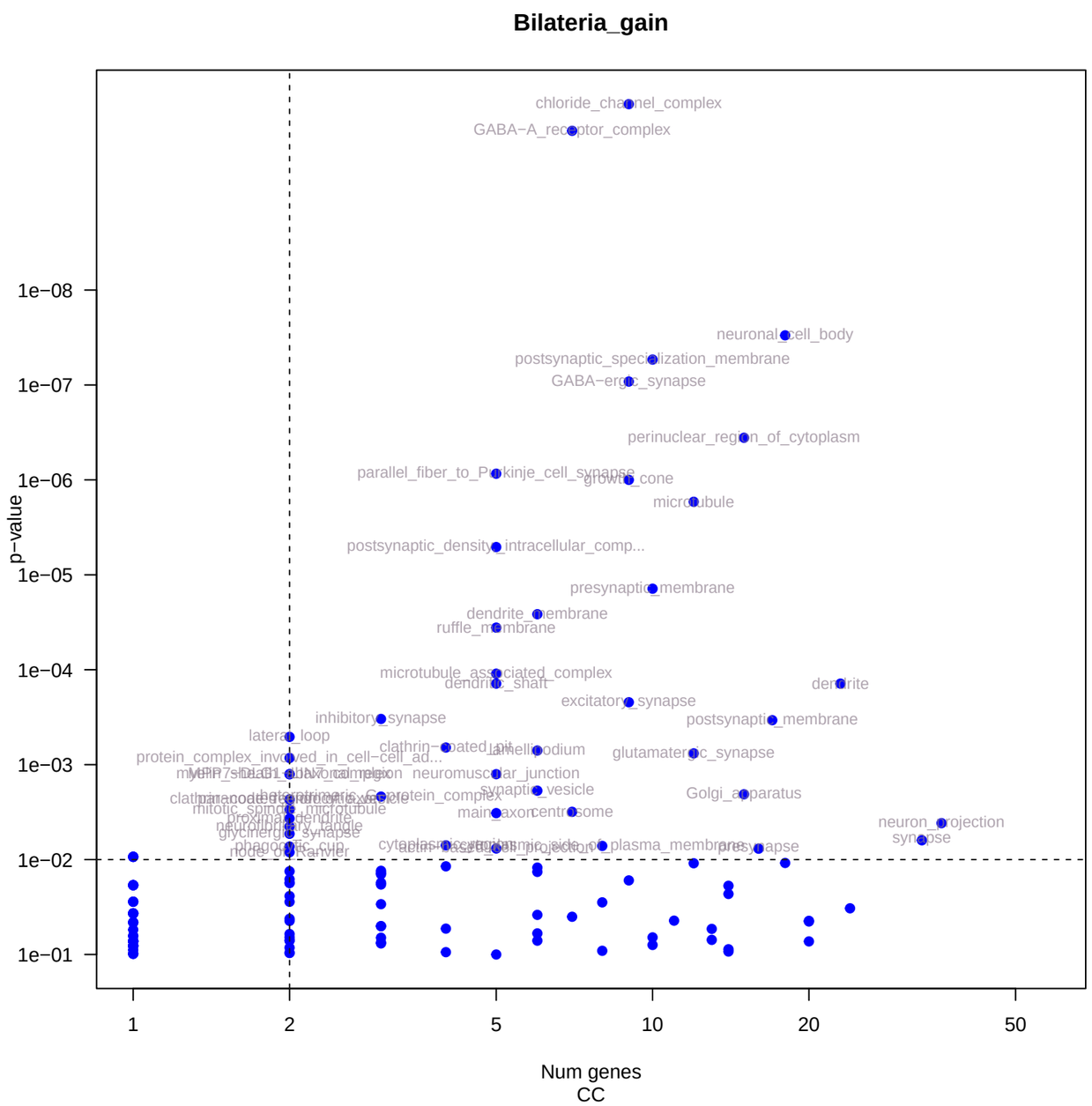
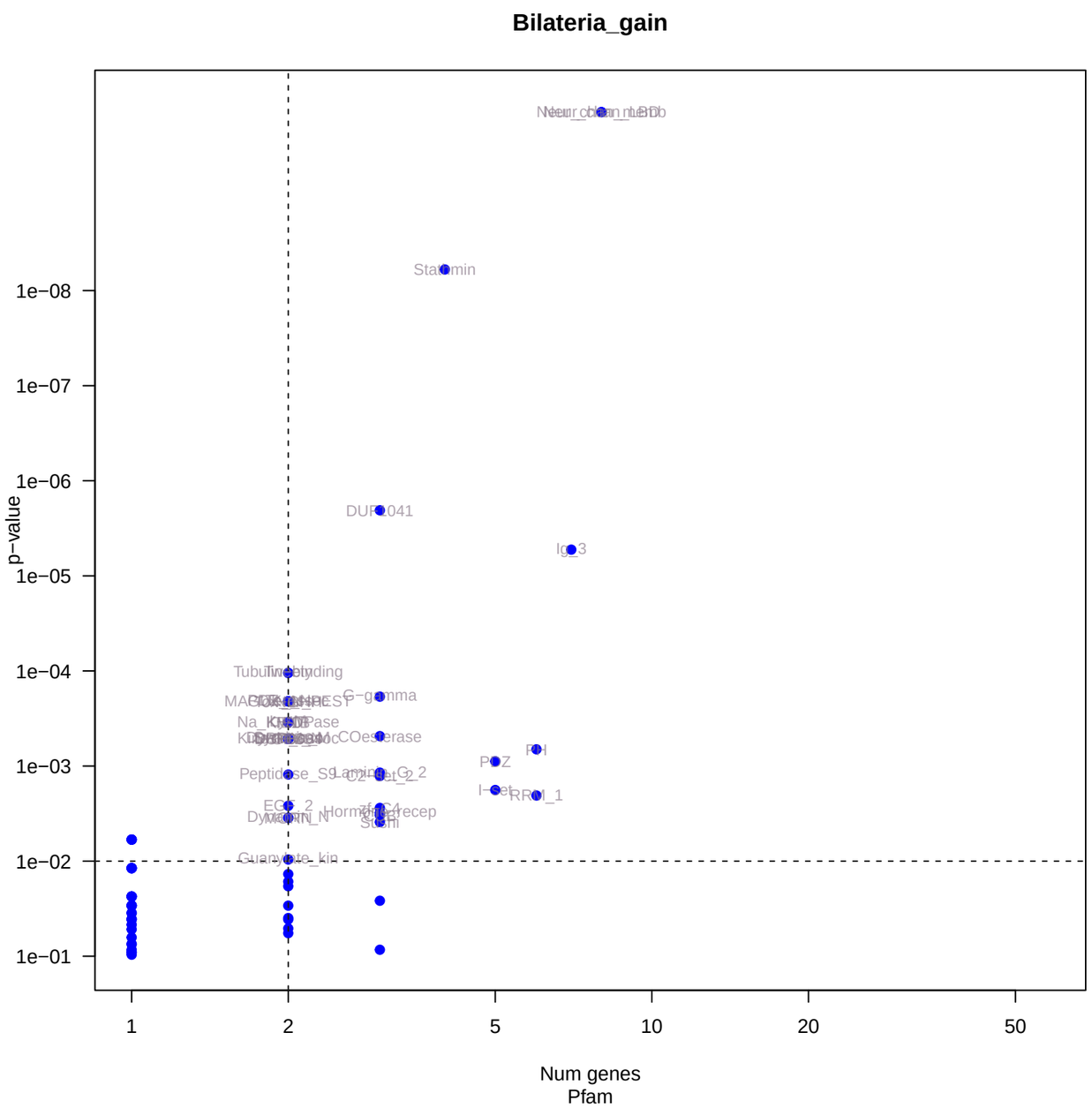

Bilateria_gain
p−value
Num genes
BP
gamma−aminobutyric_acid_signaling_pathwa...
negative_regulation_of_microtubule_polym...
chloride_transmembrane_transport
heterophilic_cell−cell_adhesion_via_plas...
inhibitory_synapse_assembly
cellular_response_to_histamine
positive_regulation_of_microtubule_depol...
positive_regulation_of_protein_localizat...
terminal_bouton_organization
adult_locomotory_behavior
positive_regulation_of_synaptic_vesicle_...
chemical_synaptic_transmission


Bilateria_gain
p−value
Num genes
MF
GABA−A_receptor_activity
GABA−gated_chloride_ion_channel_activity
inhibitory_extracellular_ligand−gated_io...
excitatory_extracellular_ligand−gated_io...
benzodiazepine_receptor_activity
transmitter−gated_ion_channel_activity_i...
diazepam_binding
microtubule_binding
tubulin_binding
transmembrane_transporter_binding
potassium_channel_regulator_activity
SH3_domain_binding
phosphatase_binding
cell_adhesion_molecule_binding
chloride_channel_activity


Bilateria_gain
p−value
Num genes
CC
chloride_channel_complex
GABA−A_receptor_complex
neuronal_cell_body
postsynaptic_specialization_membrane
GABA−ergic_synapse
perinuclear_region_of_cytoplasm
growth_cone
microtubule
postsynaptic_density_intracellular_comp...
presynaptic_membrane
dendrite_membrane
ruffle_membrane
microtubule_associated_complex
dendrite
excitatory_synapse
inhibitory_synapse
postsynaptic_membrane
glutamatergic_synapse
Golgi_apparatus
neuron_projection
synapse


Bilateria_gain
p−value
Num genes
Pfam
Stathmin
DUF1041
Ig_3
Tubulin_binding
G−gamma
COesterase
PDZ
RRM_1
Guanylate_kin