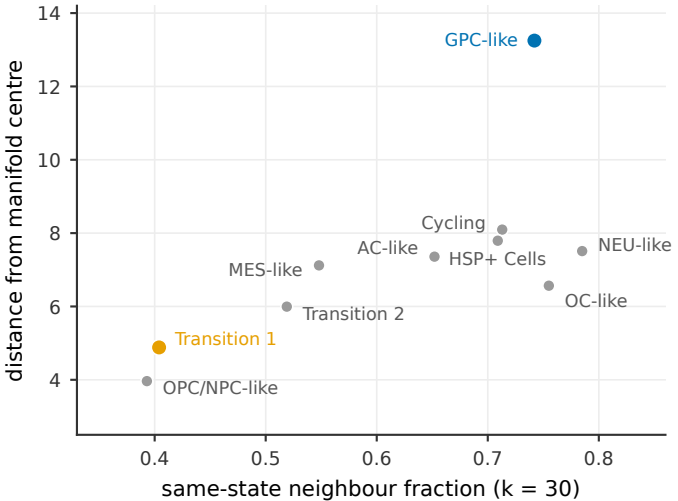




A

|                             | Initial →<br>Recurrence | Initial →<br>Progressive | Initial →<br>Autopsy |               |
|-----------------------------|-------------------------|--------------------------|----------------------|---------------|
| MES-like ⇌ OPC/NPC-like     | ◀ +28.6                 | ▷ +0.6                   | ▶ +11.0              | contradiction |
| Cycling ⇌ MES-like          | ▶ +19.8                 | ◀ +0.2                   | ◀ +3.5               | contradiction |
| MES-like ⇌ NEU-like         | ◀ +15.6                 | ▷ +3.0                   | ▶ +5.9               | contradiction |
| MES-like ⇌ Transition 1     | ◀ +11.8                 | ▶ +3.9                   | ▶ +7.4               | contradiction |
| MES-like ⇌ Transition 2     | ◀ +8.1                  | ▶ +7.3                   | ▷ +6.7               | contradiction |
| AC-like ⇌ NEU-like          | ◀ +1.2                  | ◀ +5.3                   | ▶ +6.5               | contradiction |
| Transition 1 ⇌ Transition 2 | ▶ +6.1                  | ◀ +1.0                   | ◀ +5.4               | contradiction |
| GPC-like ⇌ OPC/NPC-like     | ◀ +4.0                  | ▶ +7.5                   | ▶ +15.3              | consistent    |
| Cycling ⇌ GPC-like          | ▶ +9.2                  | ▶ +10.5                  | ◀ +2.1               | consistent    |
| GPC-like ⇌ Transition 1     | ▶ +10.0                 | ▶ +7.2                   | ▶ +3.6               | consistent    |
| AC-like ⇌ OPC/NPC-like      | ▶ +8.7                  | ▶ +6.6                   | ▷ +2.2               | consistent    |
| GPC-like ⇌ NEU-like         | ▷ +1.9                  | ▶ +8.2                   | ▶ +6.5               | consistent    |
| GPC-like ⇌ MES-like         | ▶ +4.0                  | ▶ +7.1                   | ◀ +2.1               | consistent    |
| MES-like ⇌ OC-like          | ◀ +3.2                  | ▶ +3.9                   | ▶ +6.1               | consistent    |
| GPC-like ⇌ OC-like          | ▷ +3.3                  | ▶ +5.4                   | ▶ +5.4               | consistent    |
| AC-like ⇌ MES-like          | ▶ +13.5                 | ◀ +3.5                   | ◀ +2.8               | unconstrained |
| AC-like ⇌ GPC-like          | ◀ +1.2                  | ▶ +10.4                  | ▷ +1.2               | unconstrained |
| HSP+ Cells ⇌ OC-like        | ▷ +0.5                  | ▶ +8.5                   | ▷ +2.9               | unconstrained |
| AC-like ⇌ Cycling           | ◀ +2.9                  | ▶ +8.1                   | ▷ +2.5               | unconstrained |
| GPC-like ⇌ Transition 2     | ▷ +1.4                  | ▶ +7.4                   | ▷ +0.6               | unconstrained |
| NEU-like ⇌ OPC/NPC-like     | ◀ +5.7                  | ◀ +6.8                   | ▶ +6.3               | unconstrained |
| HSP+ Cells ⇌ MES-like       | ◀ +0.9                  | ◀ +0.8                   | ▶ +6.3               | unconstrained |
| Cycling ⇌ NEU-like          | ◀ +0.6                  | ◀ +0.5                   | ▶ +6.2               | unconstrained |
| OPC/NPC-like ⇌ Transition 2 | ▶ +5.8                  | ▷ +4.2                   | ◀ +3.8               | unconstrained |
| Cycling ⇌ Transition 1      | ▷ +0.9                  | ▶ +5.6                   | ▷ +1.8               | unconstrained |
| HSP+ Cells ⇌ Transition 2   | ▷ +0.1                  | ◀ +3.3                   | ▶ +5.4               | unconstrained |
| NEU-like ⇌ Transition 1     | ▷ +1.3                  | ▷ +0.4                   | ▶ +5.2               | unconstrained |
| Cycling ⇌ OPC/NPC-like      | ◀ +6.4                  | ◀ +1.4                   | ▶ +5.0               | unconstrained |
| AC-like ⇌ OC-like           | ▷ +1.5                  | ◀ +0.6                   | ▶ +4.4               | unconstrained |
| Cycling ⇌ HSP+ Cells        | ◀ +2.0                  | ◀ +0.0                   | ▶ +4.3               | unconstrained |
| OC-like ⇌ Transition 1      | ◀ +1.8                  | ◀ +1.1                   | ▶ +4.0               | unconstrained |
| OPC/NPC-like ⇌ Transition 1 | ▷ +6.1                  | ▷ +2.7                   | ▶ +4.0               | unconstrained |
| HSP+ Cells ⇌ OPC/NPC-like   | ▷ +0.9                  | ◀ +1.3                   | ▶ +4.0               | unconstrained |
| HSP+ Cells ⇌ NEU-like       | ▷ +2.8                  | ▷ +2.9                   | ▶ +3.6               | unconstrained |

B

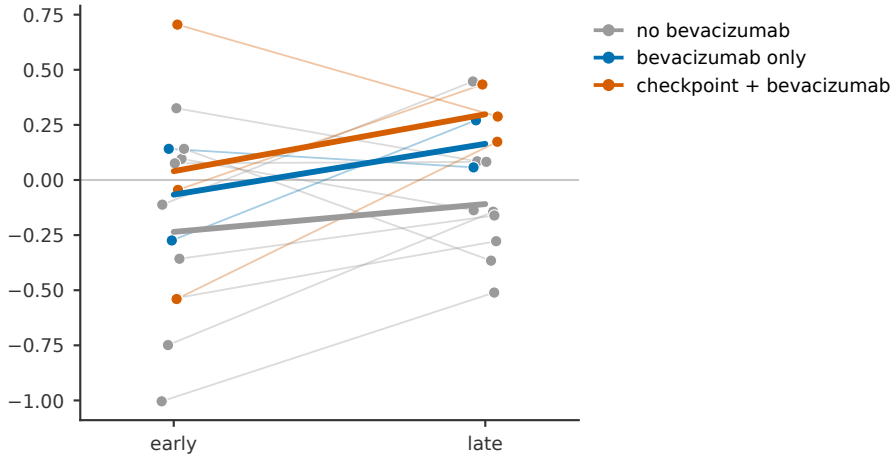
|                             | Initial →<br>Recurrence | Initial →<br>Progressive | Initial →<br>Autopsy |               |
|-----------------------------|-------------------------|--------------------------|----------------------|---------------|
| Cycling ⇌ MES-like          | ◀ +22.4                 | ▶ +4.5                   | ◀ +10.7              | contradiction |
| GPC-like ⇌ OPC/NPC-like     | ◀ +5.6                  | ▷ +2.4                   | ▶ +18.9              | contradiction |
| AC-like ⇌ OPC/NPC-like      | ◀ +18.4                 | ◀ +2.4                   | ▶ +4.8               | contradiction |
| AC-like ⇌ Transition 1      | ◀ +11.5                 | ▶ +4.7                   | ◀ +14.4              | contradiction |
| Cycling ⇌ Transition 1      | ◀ +8.3                  | ▶ +12.8                  | ◀ +6.0               | contradiction |
| OPC/NPC-like ⇌ Transition 1 | ◀ +3.1                  | ▶ +3.9                   | ◀ +12.2              | contradiction |
| AC-like ⇌ Cycling           | ◀ +11.6                 | ◀ +4.3                   | ▶ +4.8               | contradiction |
| Transition 1 ⇌ Transition 2 | ▶ +7.2                  | ◀ +8.7                   | ◀ +2.3               | contradiction |
| Cycling ⇌ OPC/NPC-like      | ◀ +4.7                  | ▷ +2.5                   | ▶ +3.8               | contradiction |
| Cycling ⇌ NEU-like          | ◀ +4.6                  | ◀ +0.4                   | ▶ +3.1               | contradiction |
| MES-like ⇌ OPC/NPC-like     | ▶ +21.3                 | ◀ +2.5                   | ▶ +24.4              | consistent    |
| AC-like ⇌ MES-like          | ▶ +20.0                 | ▶ +9.4                   | ▶ +17.0              | consistent    |
| MES-like ⇌ Transition 1     | ▶ +19.2                 | ▶ +7.3                   | ▶ +3.5               | consistent    |
| MES-like ⇌ NEU-like         | ▶ +10.9                 | ◀ +1.4                   | ▶ +14.8              | consistent    |
| AC-like ⇌ NEU-like          | ▶ +6.2                  | ▶ +8.2                   | ▷ +2.4               | consistent    |
| AC-like ⇌ GPC-like          | ◀ +0.8                  | ▶ +8.2                   | ▶ +5.2               | consistent    |
| AC-like ⇌ Transition 2      | ◀ +6.7                  | ▶ +7.3                   | ▶ +6.7               | consistent    |
| OC-like ⇌ Transition 1      | ◀ +0.2                  | ▶ +4.5                   | ▶ +5.8               | consistent    |
| NEU-like ⇌ OC-like          | ◀ +0.3                  | ▷ +1.2                   | ▶ +18.9              | unconstrained |
| AC-like ⇌ OC-like           | ▷ +1.8                  | ◀ +1.7                   | ▶ +14.0              | unconstrained |
| NEU-like ⇌ OPC/NPC-like     | ▷ +1.7                  | ◀ +2.4                   | ▶ +11.4              | unconstrained |
| OC-like ⇌ OPC/NPC-like      | ▷ +1.3                  | ▷ +0.9                   | ▶ +11.3              | unconstrained |
| MES-like ⇌ Transition 2     | ▷ +12.3                 | ▷ +1.1                   | ▶ +10.4              | unconstrained |
| Cycling ⇌ OC-like           | ◀ +2.4                  | ◀ +2.3                   | ▶ +9.9               | unconstrained |
| GPC-like ⇌ HSP+ Cells       | ▷ +0.0                  | ▷ +0.0                   | ▶ +8.8               | unconstrained |
| Cycling ⇌ GPC-like          | ▶ +8.6                  | ▷ +0.4                   | ◀ +2.5               | unconstrained |
| NEU-like ⇌ Transition 1     | ◀ +1.5                  | ▷ +2.0                   | ▶ +8.2               | unconstrained |
| Cycling ⇌ Transition 2      | ▷ +1.3                  | ◀ +2.4                   | ▶ +8.0               | unconstrained |
| GPC-like ⇌ MES-like         | ▶ +6.9                  | ◀ +3.7                   | ◀ +6.5               | unconstrained |
| GPC-like ⇌ Transition 2     | ▶ +4.1                  | ◀ +1.9                   | ▷ +0.7               | unconstrained |
| GPC-like ⇌ Transition 1     | ▶ +3.4                  | ▷ +3.2                   | ◀ +2.6               | unconstrained |
| MES-like ⇌ OC-like          | ▶ +3.3                  | ◀ +0.7                   | ◀ +2.0               | unconstrained |

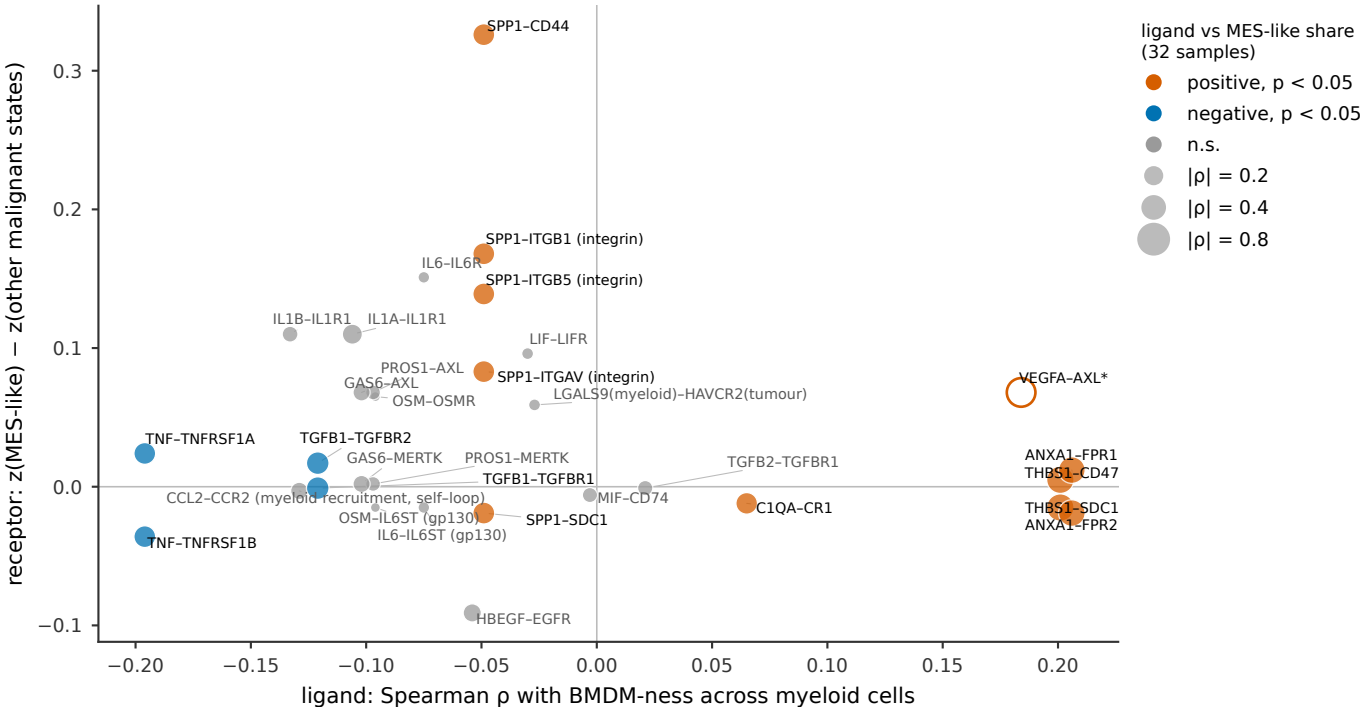
▶ resolved

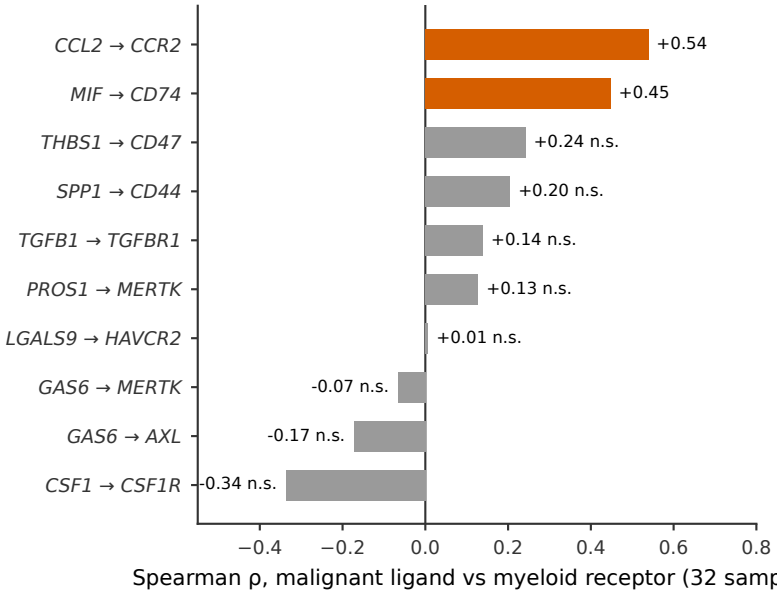
▷ not resolved

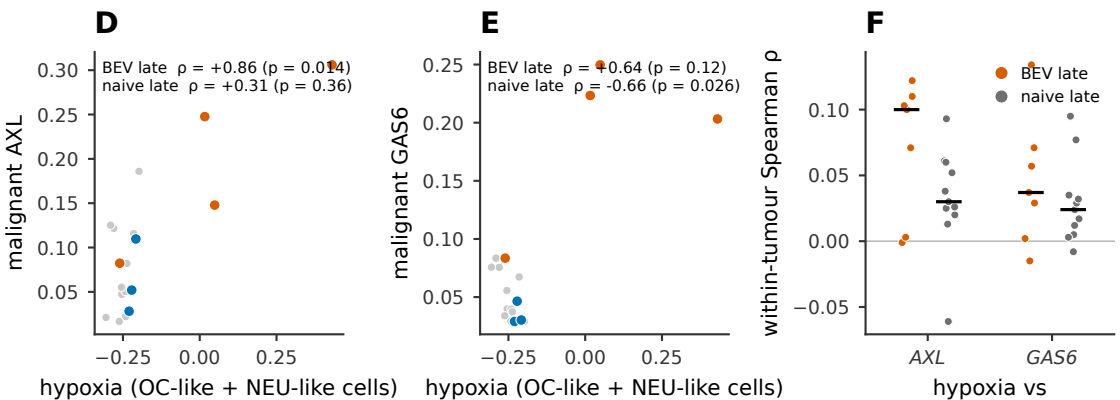
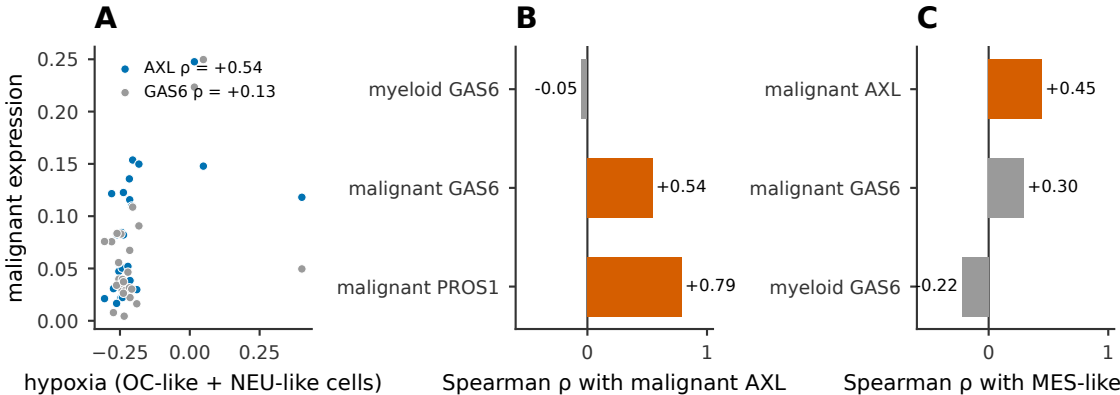
▶ resolved, direction conflicts

BMDM-ness

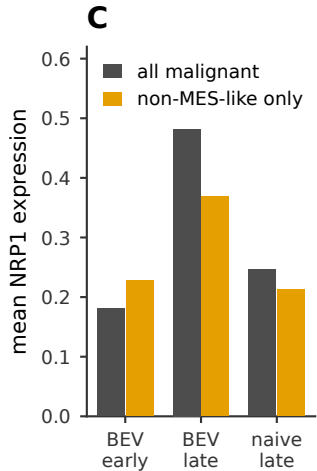
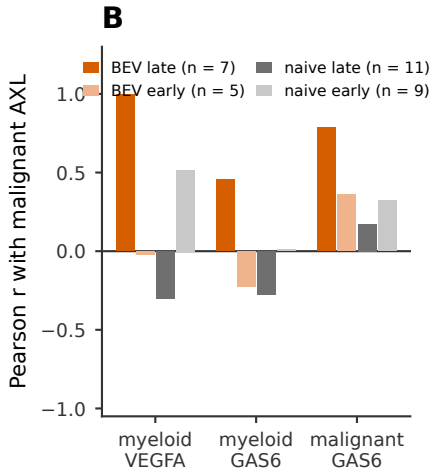
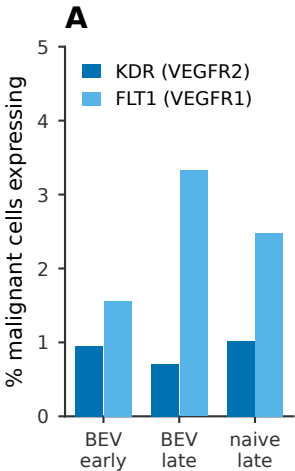


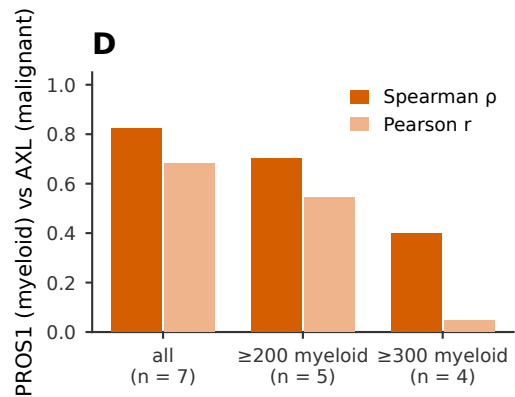
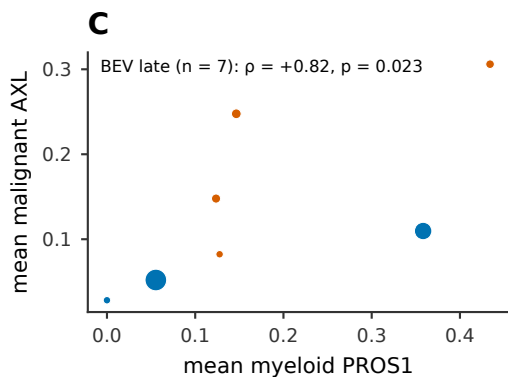
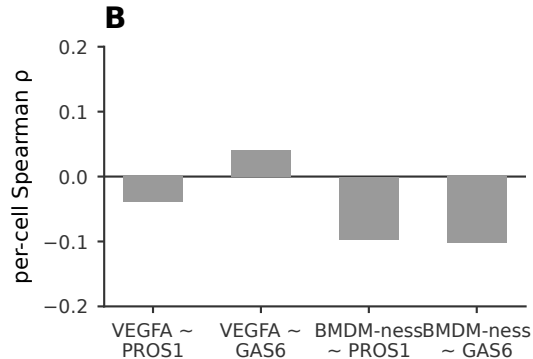
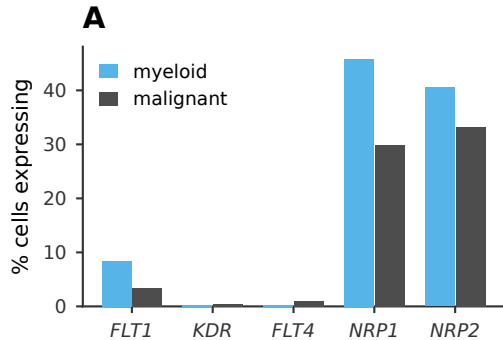






— no bevacizumab    — bevacizumab only    — checkpoint + bevacizumab





no bevacizumab    bevacizumab only    checkpoint + bevacizumab

