Legend:
- ○ Over Bridge - No Derailment (red)
- × Over Bridge - Derailment (red)
- □ At Grade - No Derailment (black)
- ✱ At Grade - Derailment (black)

Left plot: x-axis "PGV or PBV (m/s)", y-axis "Rotation Ratio"

Right plot: x-axis "PGA or PBA (g)", y-axis "Rotation Ratio"