RANKING LOGIC 1

We know:

- ▼ Actively listed PID:
- ▶ a list of similar PIDs with P(Similar PIDs | PDP's PID)
 - ▼ Login member MID:
- ▶ a list of Preference with P(User Prefs | Login MID)

Given a PDP with login Member (PID*, MID), we have:

P(Similar PIDs | PID*), P(User Prefs | MID).



RANKING LOGIC 2

Product Similarity:

P(Similar PIDs | PID*)

User Preference → Product Similarity:

P(User Prefs | MID) » P(Similar PIDs | PID*)

[rounded] Product Similarity → User Preference:

round(P(Similar PIDs | PID*)/d)*d \gg P(User Prefs | MID), while d \in [1,0.5,0.1,0.05,0.01]

