

**Additional file 2. Meta-regression analysis**

| <b>Variable</b> | <b>Coefficient</b> | <b>SE</b> | <b>95% CI</b>          | <b><i>p</i> value</b> |
|-----------------|--------------------|-----------|------------------------|-----------------------|
| Cell origin     | -1.591045          | 1.733625  | -5.073134 to 1.891044  | 0.363                 |
| Doses of EVs    | -2.243208          | 1.254497  | -4.762939 to 0.2765232 | 0.080                 |
| Delivery route  | -1.992918          | 1.195225  | -4.393598 to 0.4077611 | 0.102                 |
| Therapy time    | 0.4904973          | 0.7136227 | -0.9428561 to 1.923851 | 0.495                 |
| Estimation time | 0.0066529          | 0.0135385 | -0.02054 to 0.0338457  | 0.625                 |

SE, standard error; CI, Conf. Interval