

## Overview of narrative input files

Instructions: In order to select narrative simulations, open “data/excel\_data/model\_setup.xlsx”, and change the simulation type entry to “narrative” and the simulation number to one of the file numbers listed below.

<b>File no.:</b>	<b>Scenario:</b>	<b>Intervention:</b>	<b>In Yoon et al. (2021):</b>
<b>1</b>	optimistic (RCP 4.5, SSP 2)	baseline (no interventions)	yes
<b>2</b>	climate (RCP 8.5, SSP 2)	baseline (no interventions)	yes
<b>3</b>	pop growth (RCP 4.5, SSP3)	baseline (no interventions)	yes
<b>4</b>	food prices (crop trend)	baseline (no interventions)	new narrative
<b>5</b>	crisis (RCP 8.5, SSP3, refugee wave, crop trend)	baseline (no interventions)	yes
<b>6</b>	optimistic (RCP 4.5, SSP 2)	supply max	yes
<b>7</b>	climate (RCP 8.5, SSP 2)	supply max	yes
<b>8</b>	pop growth (RCP 4.5, SSP3)	supply max	yes
<b>9</b>	food prices (crop trend)	supply max	new narrative
<b>10</b>	crisis (RCP 8.5, SSP3, refugee wave, crop trend)	supply max	yes
<b>11</b>	optimistic (RCP 4.5, SSP 2)	demand management	yes
<b>12</b>	climate (RCP 8.5, SSP 2)	demand management	yes
<b>13</b>	pop growth (RCP 4.5, SSP3)	demand management	yes
<b>14</b>	food prices (crop trend)	demand management	new narrative
<b>15</b>	crisis (RCP 8.5, SSP3, refugee wave, crop trend)	demand management	yes
<b>16</b>	optimistic (RCP 4.5, SSP 2)	ag-to-urban	yes
<b>17</b>	climate (RCP 8.5, SSP 2)	ag-to-urban	yes
<b>18</b>	pop growth (RCP 4.5, SSP3)	ag-to-urban	yes
<b>19</b>	food prices (crop trend)	ag-to-urban	new narrative
<b>20</b>	crisis (RCP 8.5, SSP3, refugee wave, crop trend)	ag-to-urban	yes
<b>21</b>	optimistic (RCP 4.5, SSP 2)	aggressive	yes
<b>22</b>	climate (RCP 8.5, SSP 2)	aggressive	yes
<b>23</b>	pop growth (RCP 4.5, SSP3)	aggressive	yes
<b>24</b>	food prices (crop trend)	aggressive	new narrative
<b>25</b>	crisis (RCP 8.5, SSP3, refugee wave, crop trend)	aggressive	yes
<b>26</b>	demand (RCP 4.5, SSP3, refugee wave, crop trend)	baseline (no interventions)	new narrative
<b>27</b>	demand (RCP 4.5, SSP3, refugee wave, crop trend)	supply max	new narrative
<b>28</b>	demand (RCP 4.5, SSP3, refugee wave, crop trend)	demand management	new narrative
<b>29</b>	demand (RCP 4.5, SSP3, refugee wave, crop trend)	aggressive	new narrative
<b>30</b>	demand (RCP 4.5, SSP3, refugee wave, crop trend)	ag-to-urban	new narrative